

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090616\
 Data File : BF089993.D
 Acq On : 6 Sep 2016 17:33
 Operator : UM/SJ
 Sample : PB93246BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93246BS

Manual Integrations
 APPROVED

sohil
 9/7/2016 8:50:32 AM

Quant Time: Sep 06 18:27:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	219358	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	885209	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	445270	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	819957	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	630649	20.00	ng	-0.02
86) Perylene-d12	15.07	264	550639	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1596270	116.48	ng	0.00
7) Phenol-d6	6.27	99	1956309	117.48	ng	-0.01
23) Nitrobenzene-d5	7.19	82	1111433	72.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	537777	122.42	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	2185247	80.56	ng	-0.02
78) Terphenyl-d14	12.71	244	2145550	84.04	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	203468	31.34	ng	98
3) Pyridine	2.78	79	569923	32.90	ng	99
4) n-Nitrosodimethylamine	2.74	42	335581	39.28	ng	92
6) Aniline	6.28	93	597543	26.30	ng	# 84
8) 2-Chlorophenol	6.41	128	587474	39.51	ng	96
9) Benzaldehyde	6.16	77	101334	9.43	ng	98
10) Phenol	6.30	94	641133	33.11	ng	# 73
11) bis(2-Chloroethyl)ether	6.36	93	586924	40.05	ng	94
12) 1,3-Dichlorobenzene	6.56	146	670250	40.36	ng	97
13) 1,4-Dichlorobenzene	6.64	146	675895	39.78	ng	93
14) 1,2-Dichlorobenzene	6.79	146	613867	40.30	ng	99
15) Benzyl Alcohol	6.78	79	456953	43.80	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.91	45	1036772	37.11	ng	89
17) 2-Methylphenol	6.90	107	491971	41.43	ng	98
18) Hexachloroethane	7.13	117	231609	39.80	ng	97
19) n-Nitroso-di-n-propylamine	7.05	70	418255	38.54	ng	93
20) 3+4-Methylphenols	7.05	107	629593	43.74	ng	# 80
22) Acetophenone	7.04	105	722992	36.41	ng	# 91
24) Nitrobenzene	7.21	77	658690	40.59	ng	# 88
25) Isophorone	7.45	82	1175738	37.88	ng	98
26) 2-Nitrophenol	7.53	139	341527	44.03	ng	# 79
27) 2,4-Dimethylphenol	7.58	122	547189	38.13	ng	99
28) bis(2-Chloroethoxy)methane	7.67	93	731653	39.08	ng	98
29) 2,4-Dichlorophenol	7.77	162	537267	41.77	ng	98
30) 1,2,4-Trichlorobenzene	7.85	180	581794	41.37	ng	97
31) Naphthalene	7.93	128	1804683	40.92	ng	99
32) Benzoic acid	7.72	122	341248	35.30	ng	97
33) 4-Chloroaniline	7.99	127	295712	16.62	ng	95
34) Hexachlorobutadiene	8.06	225	338603	41.09	ng	96
35) Caprolactam	8.36	113	181100m	44.60	ng	
36) 4-Chloro-3-methylphenol	8.48	107	538764	39.55	ng	86
37) 2-Methylnaphthalene	8.62	142	1139896	39.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	491330	37.67	ng	99
40) Hexachlorocyclopentadiene	8.78	237	602368	90.06	ng	94

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Manual Integrations
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 9/7/2016 8:50:32 AM

Quant Time: Sep 06 18:27:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.90	196	403317	44.62	ng	99
43) 2,4,5-Trichlorophenol	8.95	196	396966	45.67	ng #	93
45) 1,1'-Biphenyl	9.08	154	1308875	36.51	ng	97
46) 2-Chloronaphthalene	9.11	162	1093332	43.11	ng	93
47) 2-Nitroaniline	9.21	65	364425	43.96	ng #	60
48) Acenaphthylene	9.52	152	1661950	39.63	ng	98
49) Dimethylphthalate	9.39	163	1227574	38.14	ng	99
50) 2,6-Dinitrotoluene	9.45	165	310681	43.40	ng	96
51) Acenaphthene	9.69	154	1115331	41.98	ng	99
52) 3-Nitroaniline	9.62	138	244243	29.92	ng #	69
53) 2,4-Dinitrophenol	9.72	184	354562	73.67	ng #	79
54) Dibenzofuran	9.86	168	1602753	45.02	ng	95
55) 4-Nitrophenol	9.80	139	558677	90.73	ng	95
56) 2,4-Dinitrotoluene	9.85	165	360980	39.77	ng #	83
57) Fluorene	10.19	166	1024482	39.38	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.98	232	338413	45.47	ng	97
59) Diethylphthalate	10.09	149	1195793	39.50	ng	99
60) 4-Chlorophenyl-phenylether	10.19	204	479717	39.18	ng #	84
61) 4-Nitroaniline	10.24	138	367509	45.82	ng	98
62) Azobenzene	10.35	77	1338353	44.26	ng	95
64) 4,6-Dinitro-2-methylphenol	10.26	198	250141	47.65	ng #	49
65) n-Nitrosodiphenylamine	10.32	169	1095145	44.43	ng	99
66) 4-Bromophenyl-phenylether	10.69	248	381724	46.24	ng #	81
67) Hexachlorobenzene	10.74	284	417442	44.27	ng #	81
68) Atrazine	10.86	200	383814	46.64	ng	90
69) Pentachlorophenol	10.94	266	424059	83.60	ng	99
70) Phenanthrene	11.15	178	1840708	45.08	ng	99
71) Anthracene	11.20	178	1764666	42.61	ng	99
72) Carbazole	11.36	167	1711804	44.08	ng	100
73) Di-n-butylphthalate	11.70	149	1926898	42.57	ng	100
74) Fluoranthene	12.32	202	1726946	40.36	ng	95
76) Benzidine	12.46	184	815810	34.15	ng	96
77) Pyrene	12.55	202	1836240	41.30	ng	99
79) Butylbenzylphthalate	13.19	149	850794	47.45	ng #	78
80) Benzo(a)anthracene	13.73	228	1628747	42.17	ng	98
81) 3,3'-Dichlorobenzidine	13.70	252	362496	26.00	ng #	96
82) Chrysene	13.76	228	1501718	41.62	ng	99
83) Bis(2-ethylhexyl)phthalate	13.75	149	1056710	42.61	ng #	98
84) Di-n-octyl phthalate	14.35	149	1825602	45.60	ng	99
85) Indeno(1,2,3-cd)pyrene	16.30	276	1215219	45.56	ng	99
87) Benzo(b)fluoranthene	14.72	252	1526476m	44.25	ng	
88) Benzo(k)fluoranthene	14.74	252	1216653m	41.56	ng	
89) Benzo(a)pyrene	15.03	252	1337817	45.27	ng #	97
90) Dibenzo(a,h)anthracene	16.32	278	1005309	46.42	ng	97
91) Benzo(g,h,i)perylene	16.66	276	1009880	46.33	ng #	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

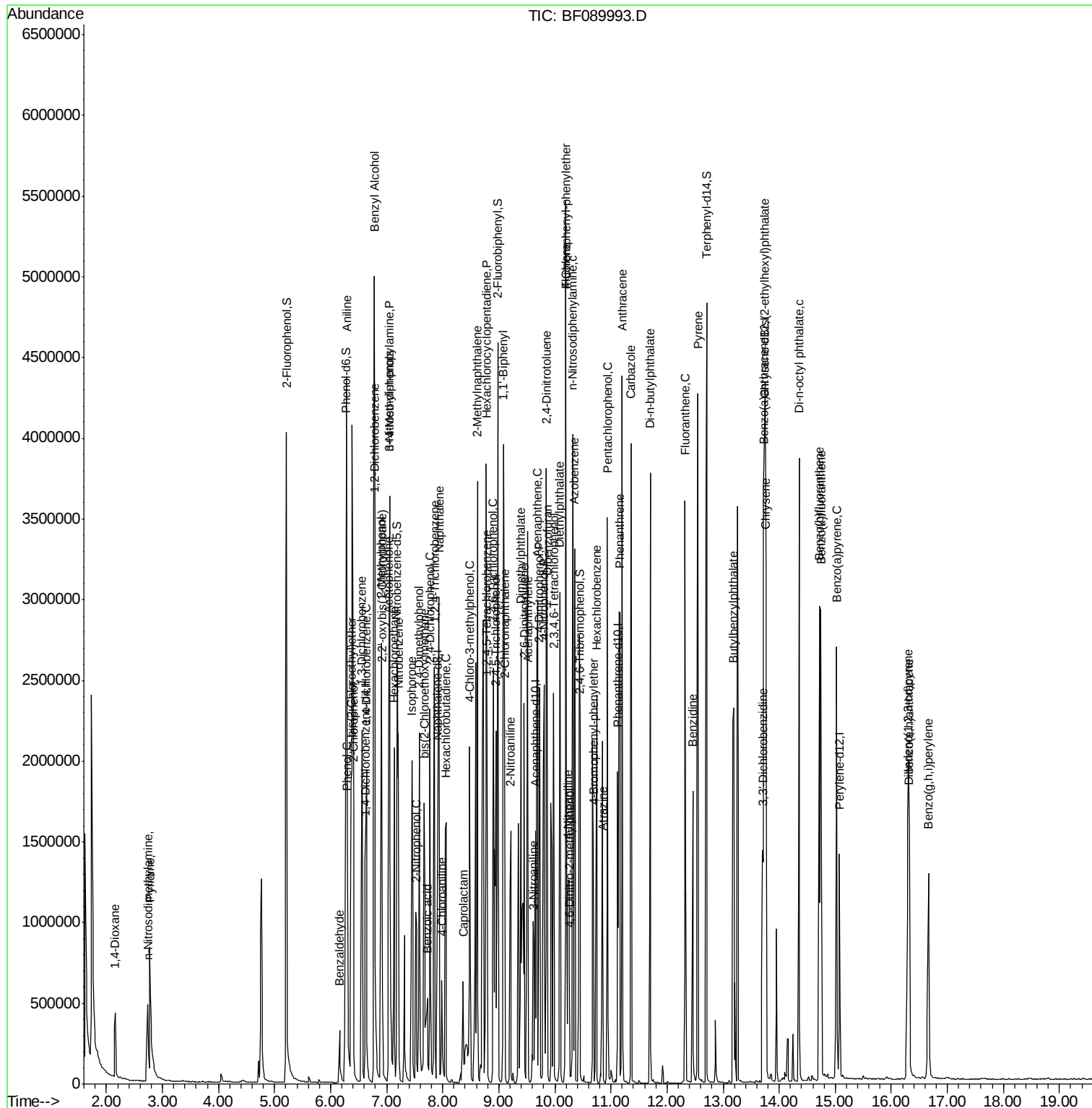
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090616\
Data File : BF089993.D
Acq On : 6 Sep 2016 17:33
Operator : UM/SJ
Sample : PB93246BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

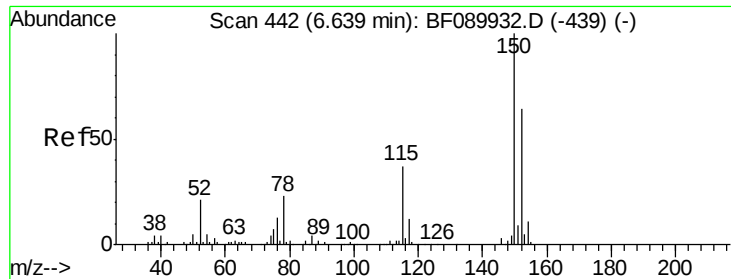
Instrument :
BNA_F
ClientSampled :
PB93246BS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

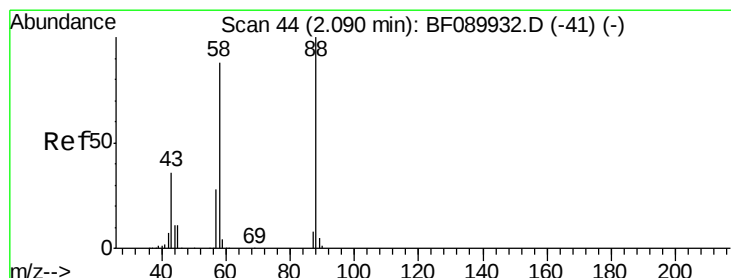
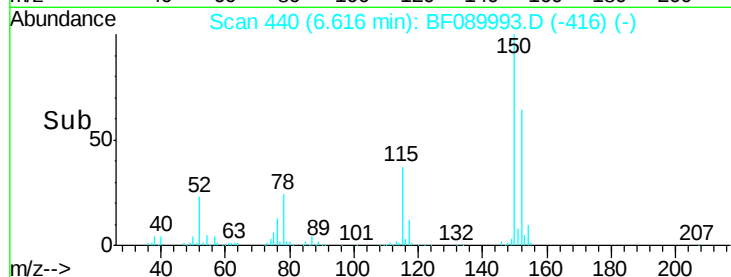
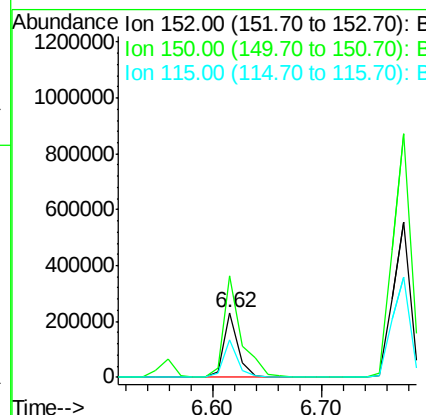
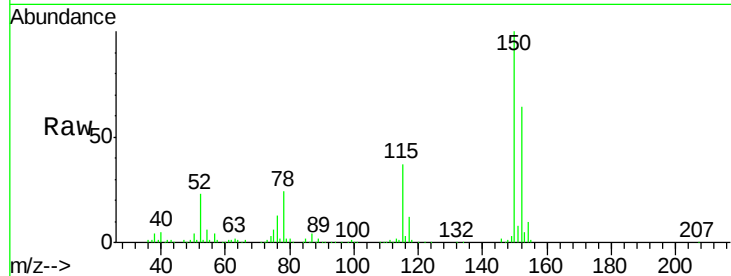
ClientSampleId :

PB93246BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	219358		
150	155.8	127.4	191.2	
115	58.0	46.3	69.5	

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#2

1,4-Dioxane

Concen: 31.34 ng

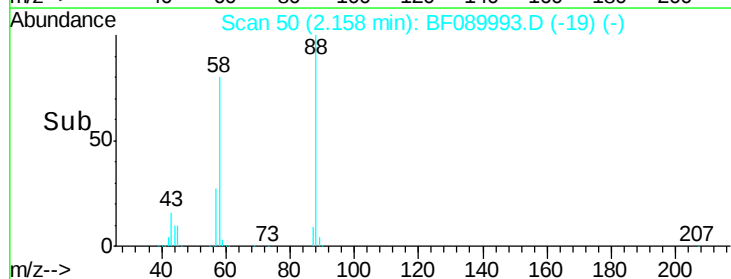
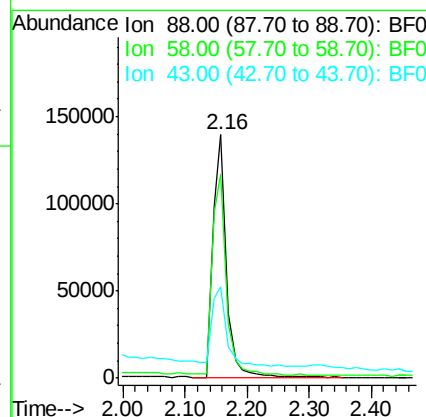
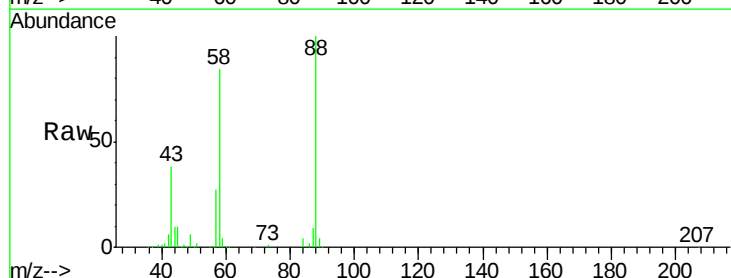
RT: 2.16 min Scan# 50

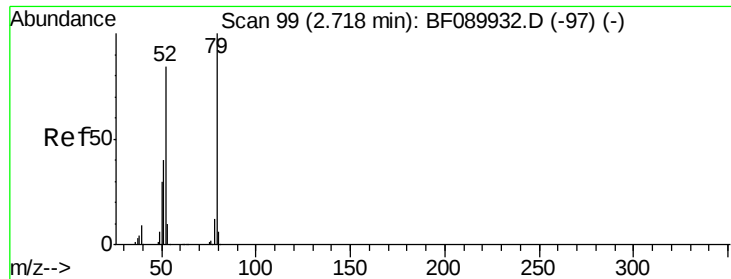
Delta R.T. 0.06 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	203468		
58	86.4	68.8	103.2	
43	37.7	27.0	40.6	





#3

Pyridine

Concen: 32.90 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.05 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

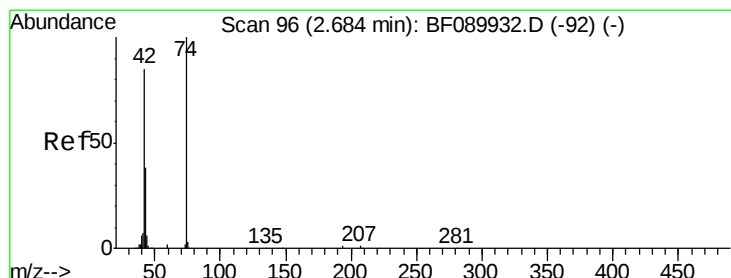
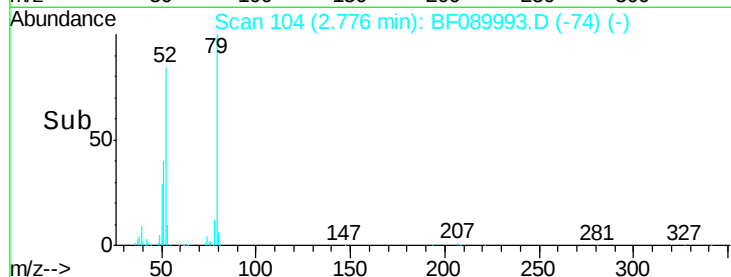
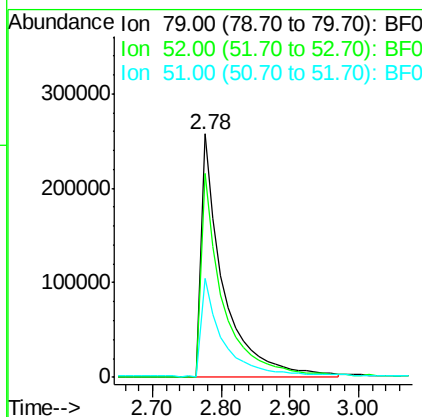
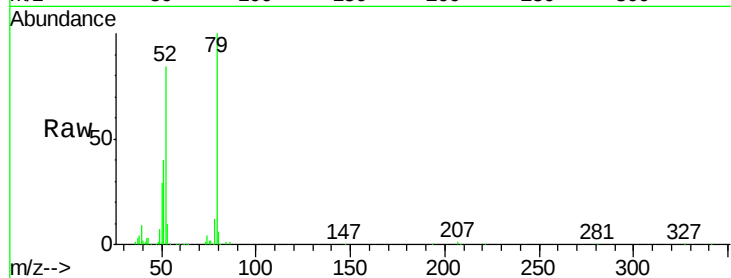
ClientSampleId :

PB93246BS

Tgt Ion:	79	Resp:	569923
Ion	Ratio	Lower	Upper
79	100		
52	83.8	67.8	101.6
51	40.5	32.9	49.3

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#4

n-Nitrosodimethylamine

Concen: 39.28 ng

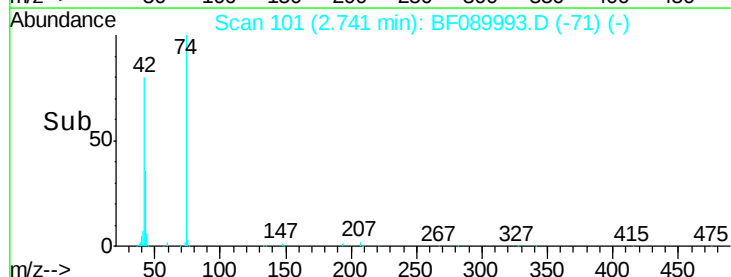
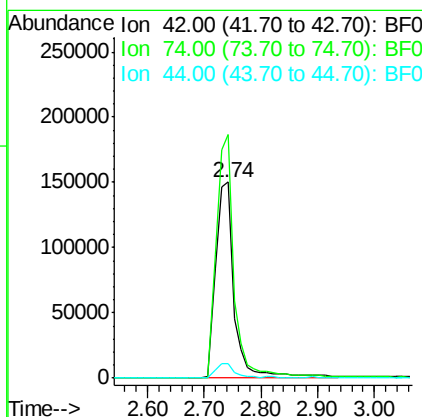
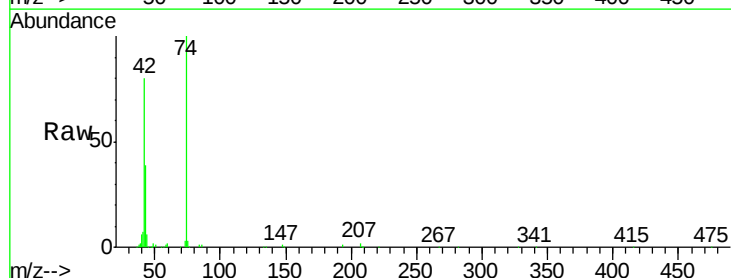
RT: 2.74 min Scan# 101

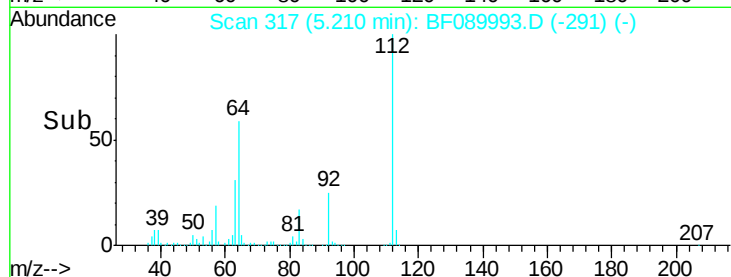
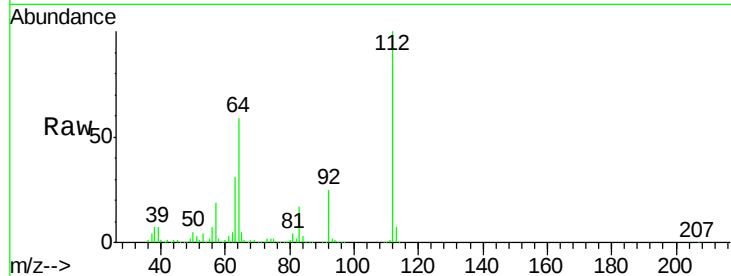
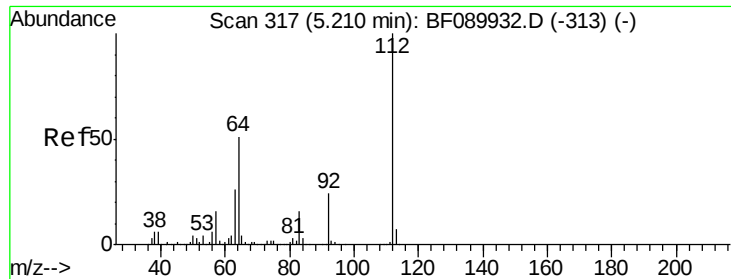
Delta R.T. 0.05 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Tgt Ion:	42	Resp:	335581
Ion	Ratio	Lower	Upper
42	100		
74	124.3	92.0	138.0
44	7.3	5.8	8.8





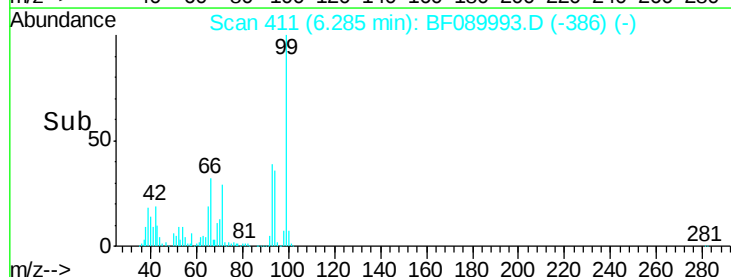
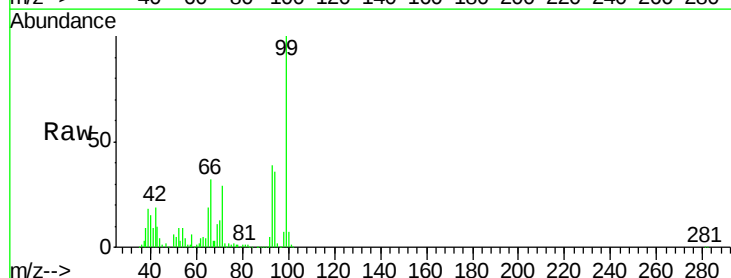
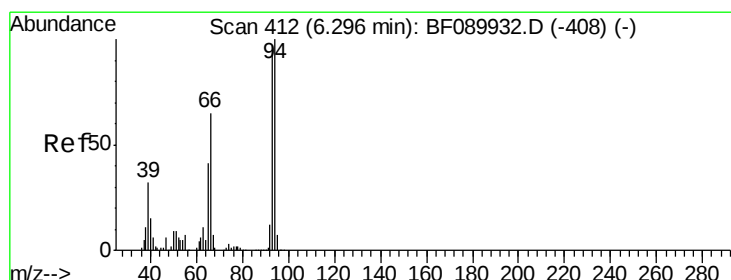
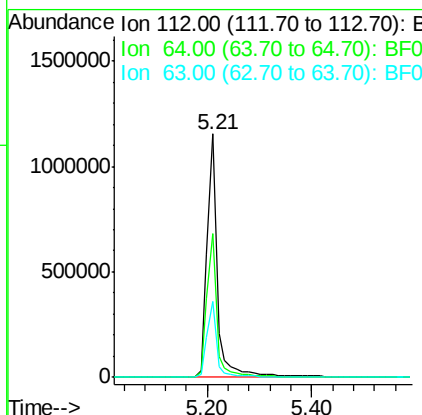
#5
2-Fluorophenol
Concen: 116.48 ng
RT: 5.21 min Scan# 317
Delta R.T. 0.00 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	41.1	61.7
63	30.9	21.2	31.8

Instrument :
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ClientSampleId :
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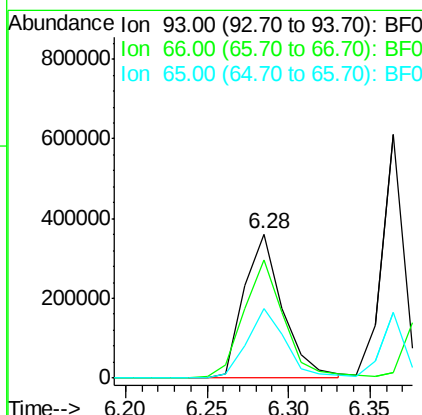
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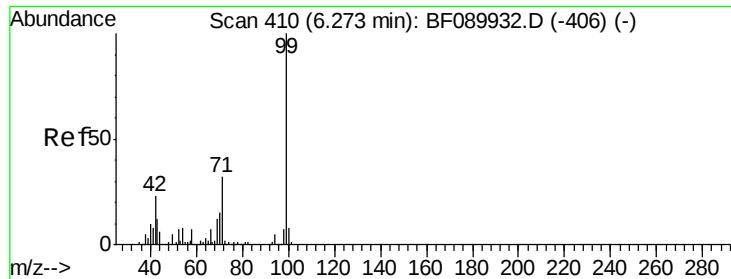
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#6
Aniline
Concen: 26.30 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Lower	Upper
93	100		
66	82.1	52.9	79.3#
65	48.0	33.0	49.6





#7

Phenol-d6

Concen: 117.48 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

PB93246BS

Tgt Ion: 99 Resp: 1956309

Ion Ratio Lower Upper

99 100

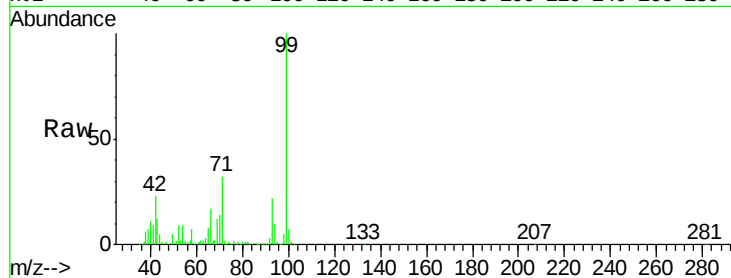
42 23.3 18.6 27.8

71 32.1 25.8 38.6

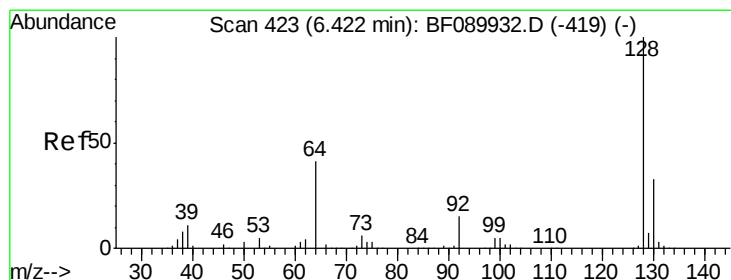
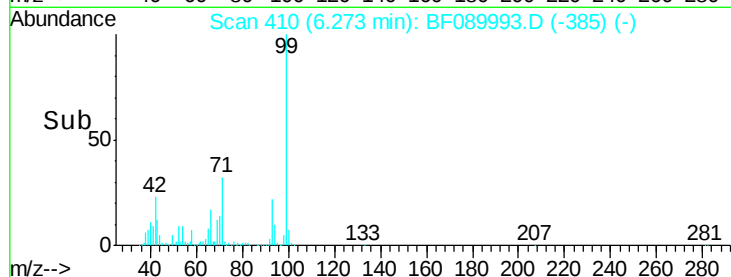
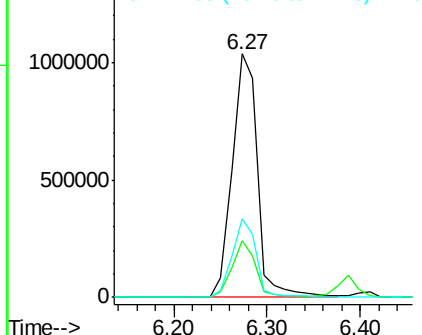
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.51 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

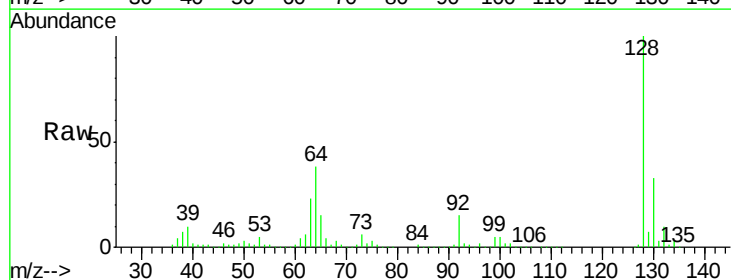
Tgt Ion: 128 Resp: 587474

Ion Ratio Lower Upper

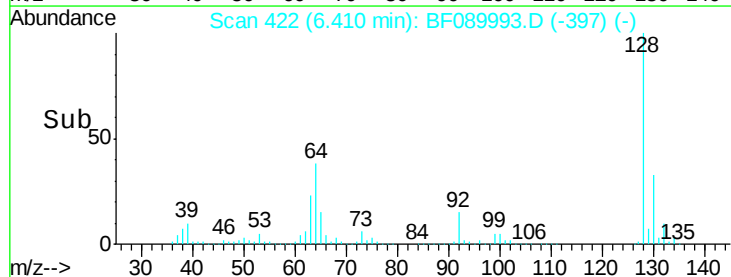
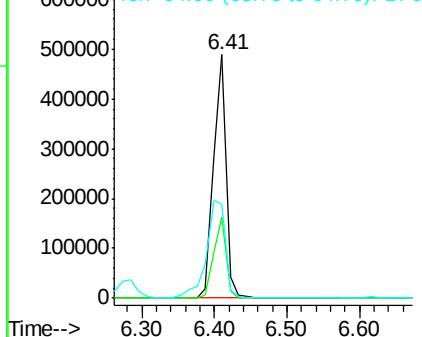
128 100

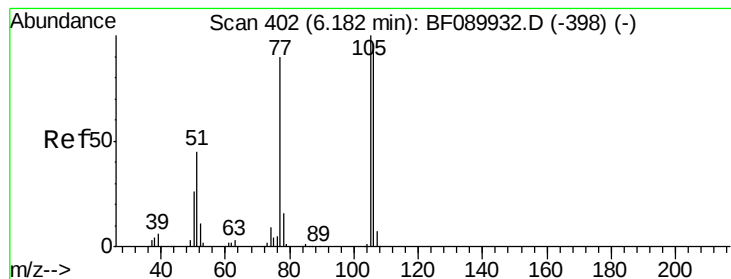
130 33.1 12.8 52.8

64 38.5 23.2 63.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.43 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

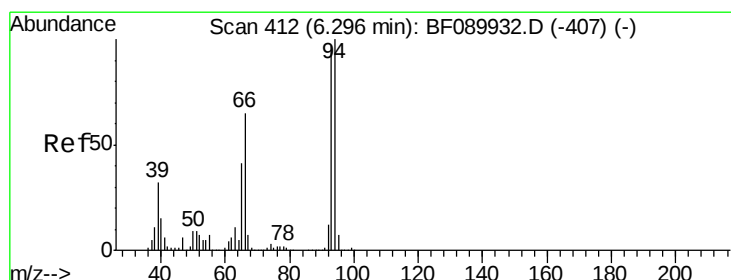
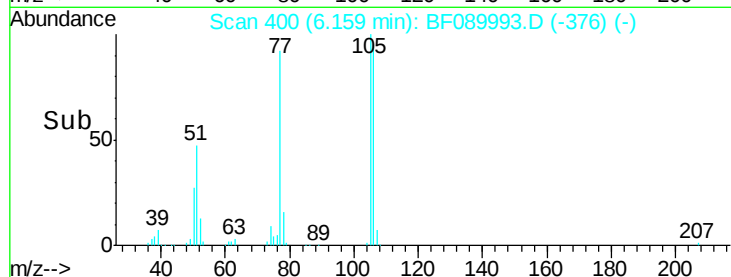
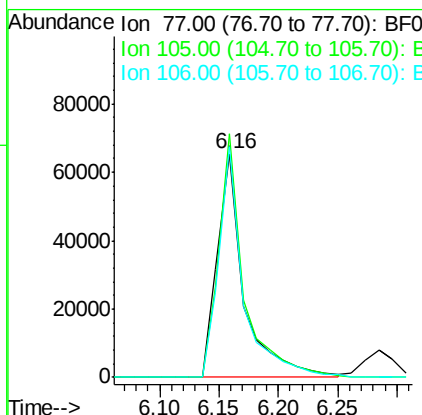
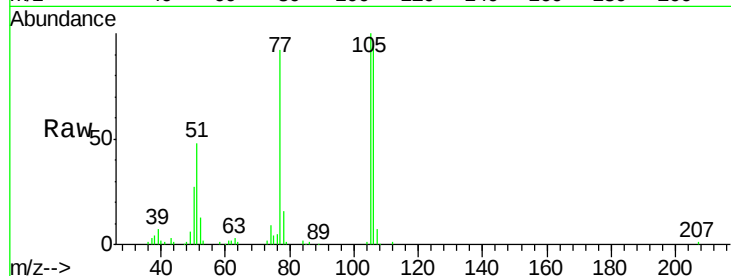
ClientSampleId :

PB93246BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	109.0	85.4	125.4
106	103.6	83.4	123.4

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#10

Phenol

Concen: 33.11 ng

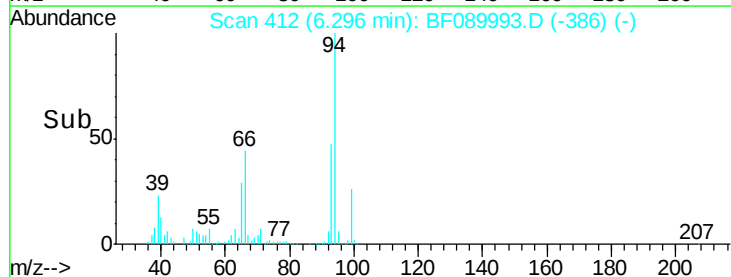
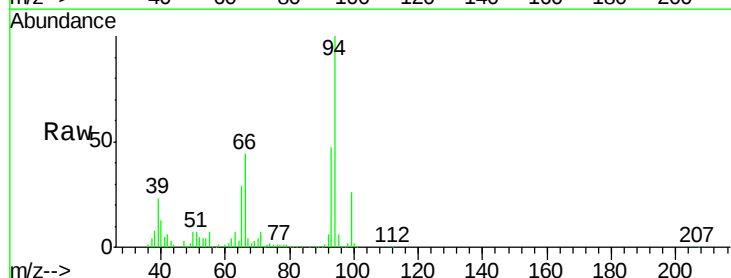
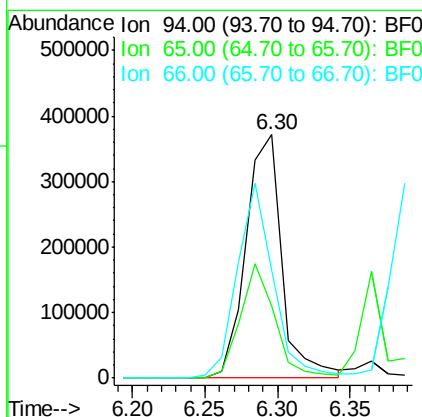
RT: 6.30 min Scan# 412

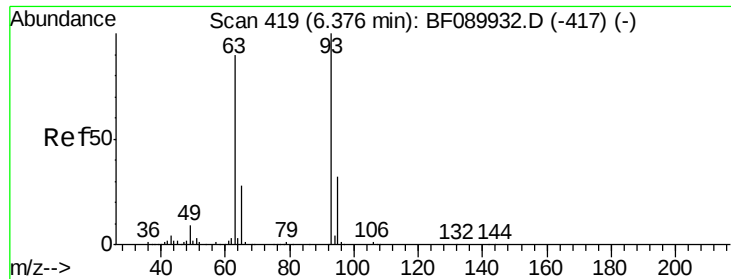
Delta R.T. 0.00 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.4	23.2	63.2
66	44.1	49.2	89.2#





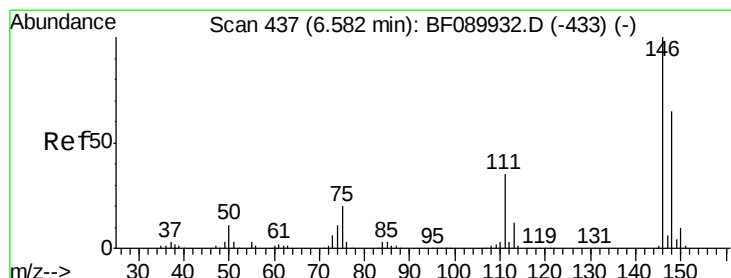
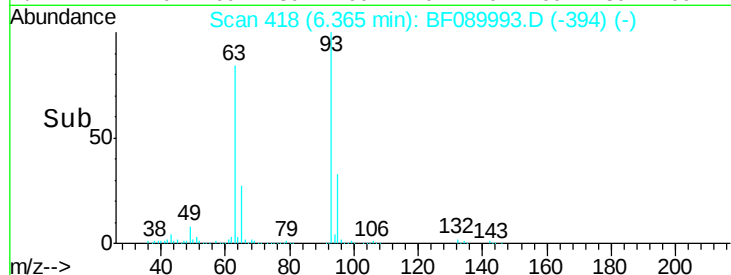
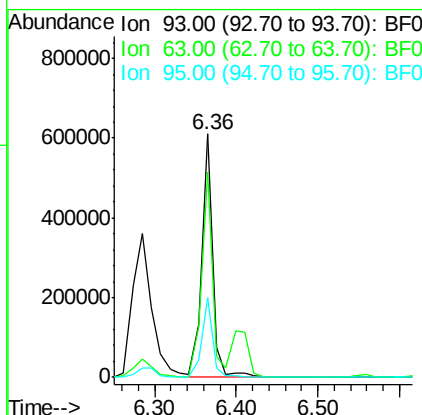
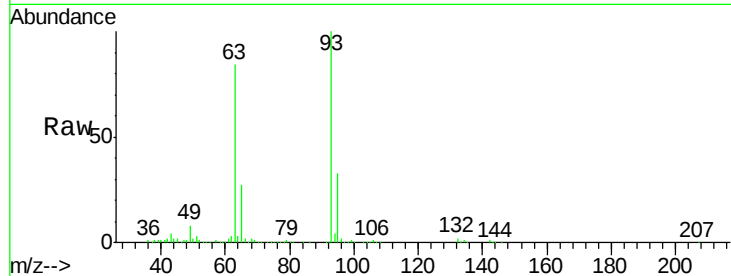
#11
bis(2-Chloroethyl)ether
Concen: 40.05 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB93246BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	586924		
63	84.0	71.1	111.1	
95	32.6	12.4	52.4	

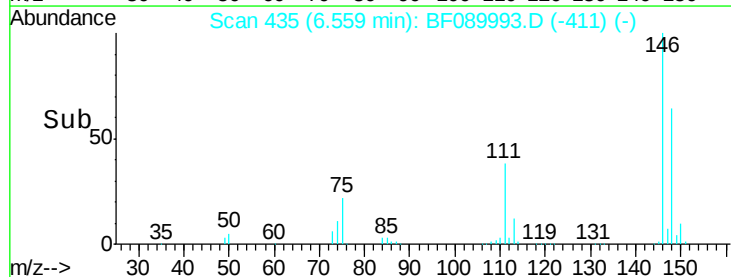
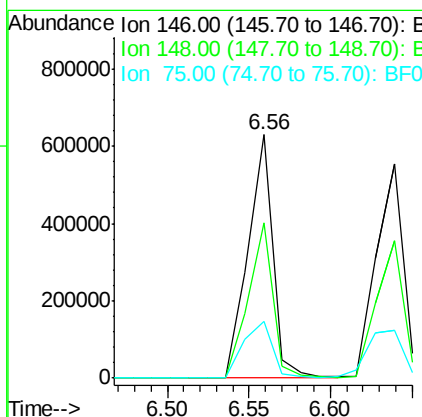
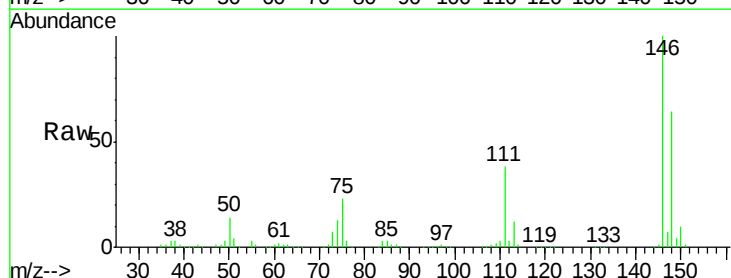
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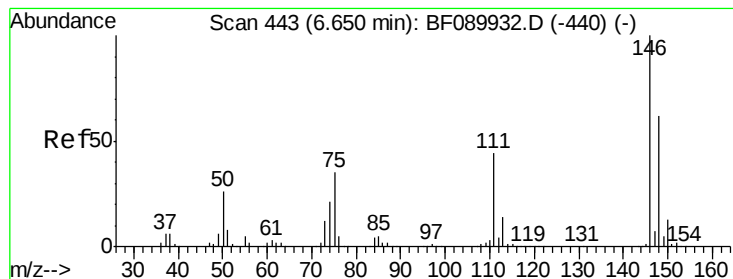
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#12
1,3-Dichlorobenzene
Concen: 40.36 ng
RT: 6.56 min Scan# 435
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	670250		
148	63.7	52.5	78.7	
75	23.3	16.6	24.8	





#13

1,4-Dichlorobenzene

Concen: 39.78 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

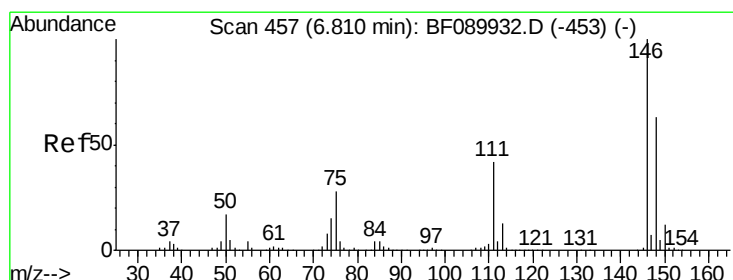
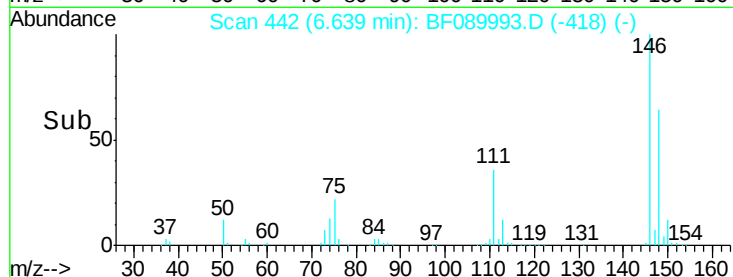
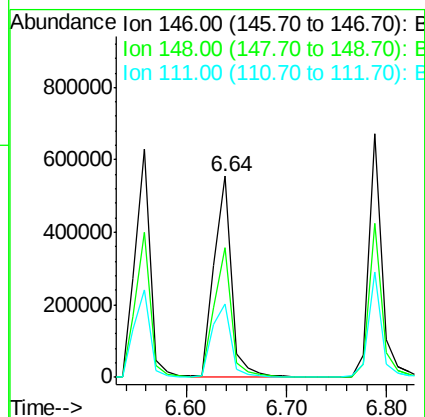
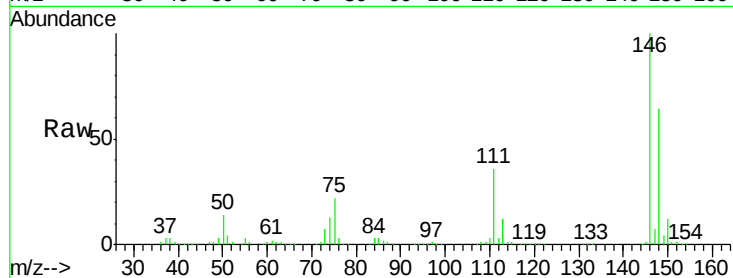
ClientSampled :

PB93246BS

Tgt Ion:	146	Resp:	675895
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.1	75.1
111	36.4	35.8	53.6

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#14

1,2-Dichlorobenzene

Concen: 40.30 ng

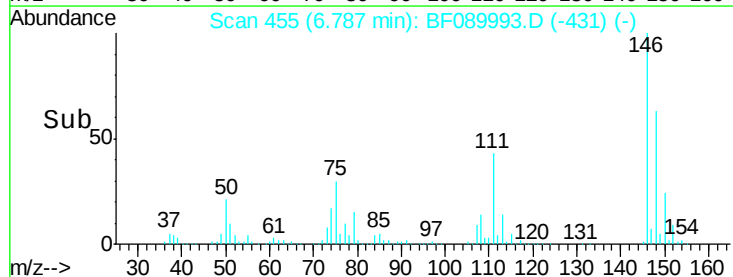
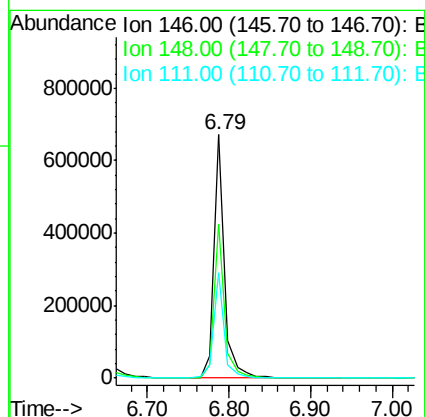
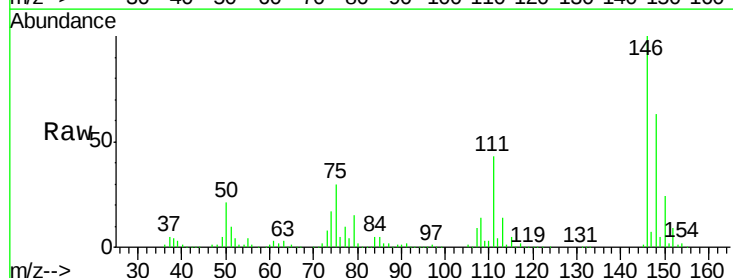
RT: 6.79 min Scan# 455

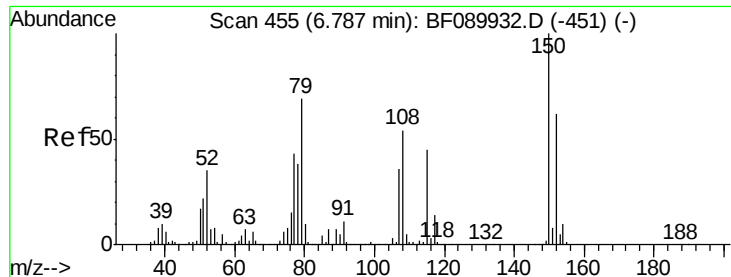
Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Tgt Ion:	146	Resp:	613867
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.4	77.2
111	43.3	34.6	51.8





#15

Benzyl Alcohol

Concen: 43.80 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

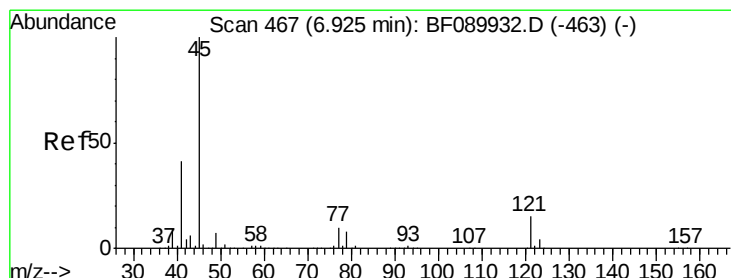
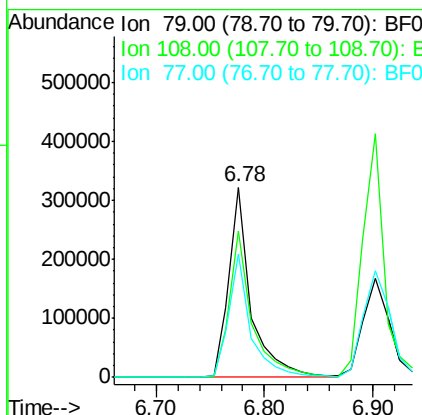
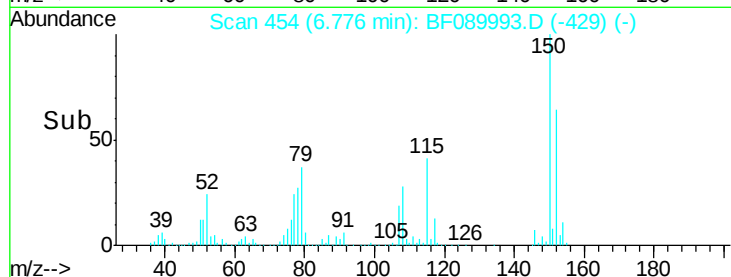
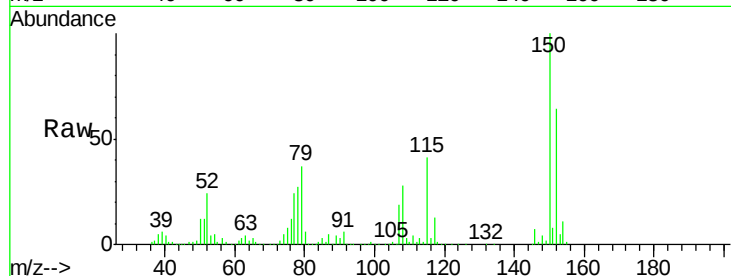
ClientSampled :

PB93246BS

Tgt Ion:	79	Resp:	456953
Ion	Ratio	Lower	Upper
79	100		
108	76.9	62.1	93.1
77	64.8	50.1	75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.11 ng

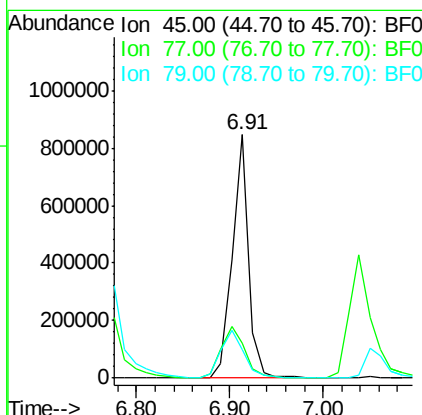
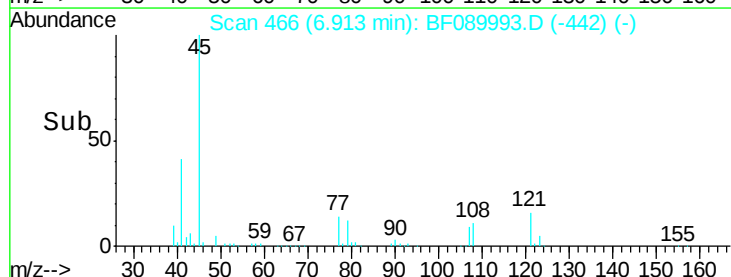
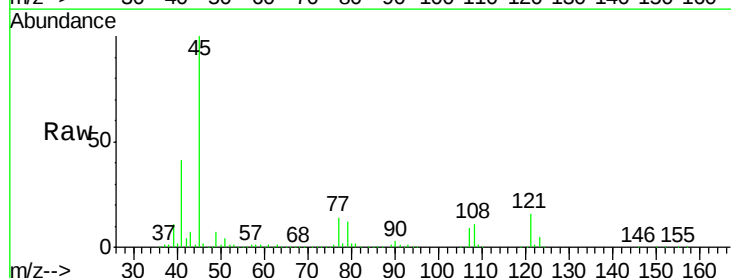
RT: 6.91 min Scan# 466

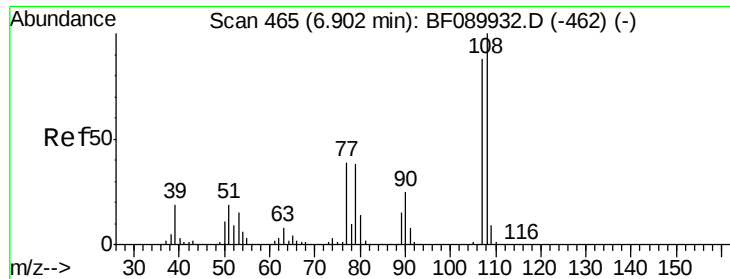
Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Tgt Ion:	45	Resp:	1036772
Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	30.3
79	11.9	0.0	27.5





#17

2-Methylphenol

Concen: 41.43 ng

RT: 6.90 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

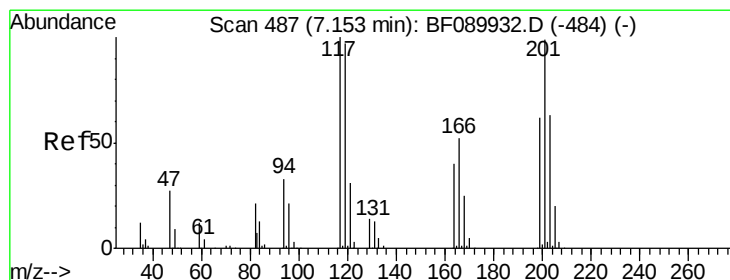
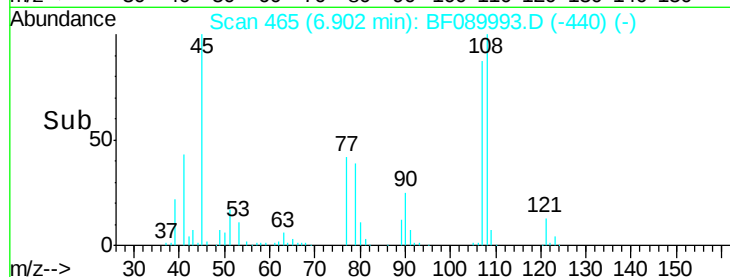
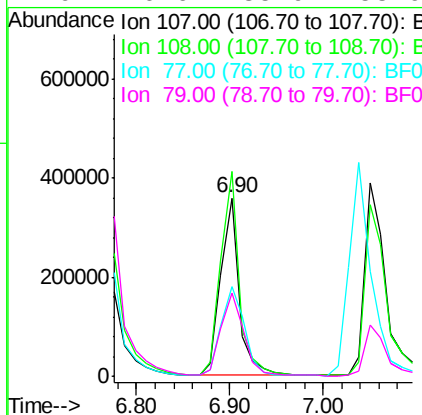
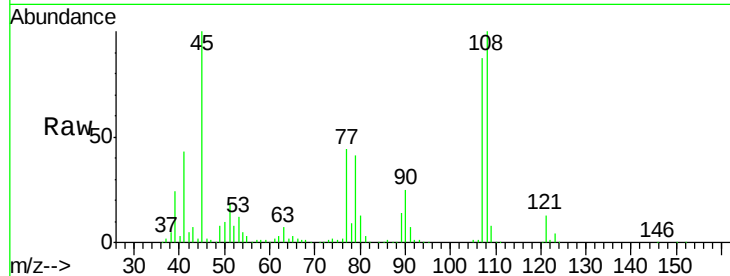
ClientSampleId :

PB93246BS

Tgt Ion:	107	Resp:	491971
Ion Ratio	Lower	Upper	
107	100		
108	114.6	91.8	137.6
77	50.2	36.0	54.0
79	46.6	35.9	53.9

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#18

Hexachloroethane

Concen: 39.80 ng

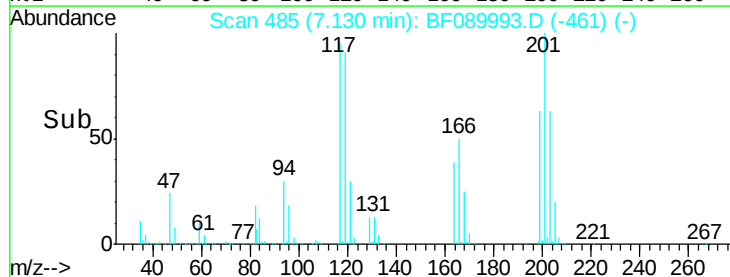
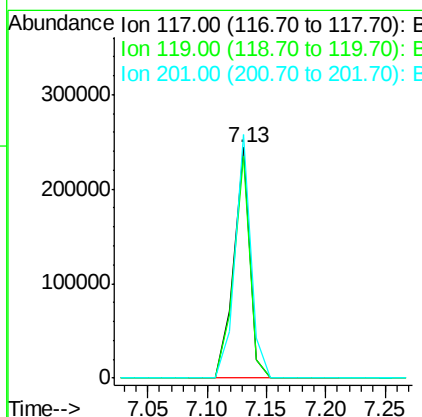
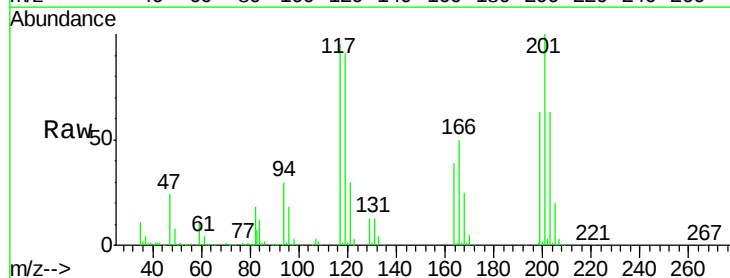
RT: 7.13 min Scan# 485

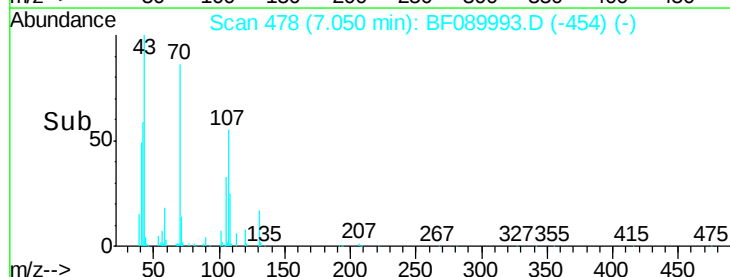
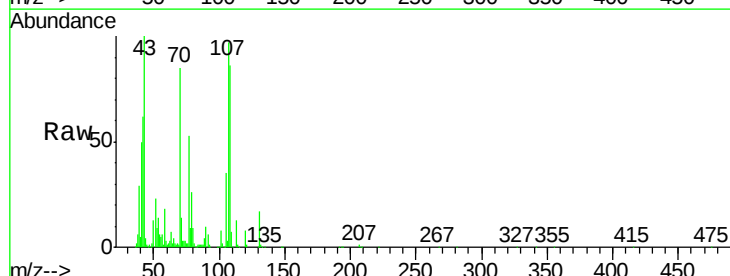
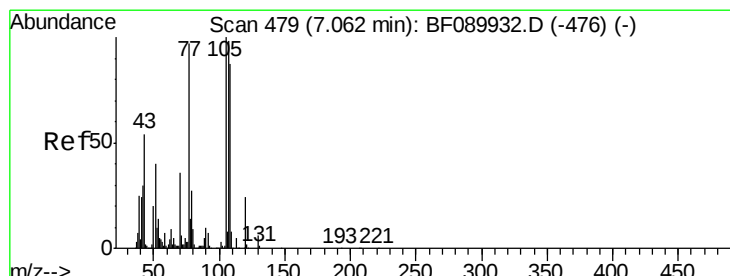
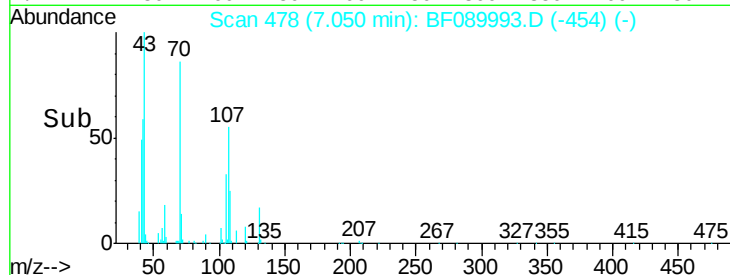
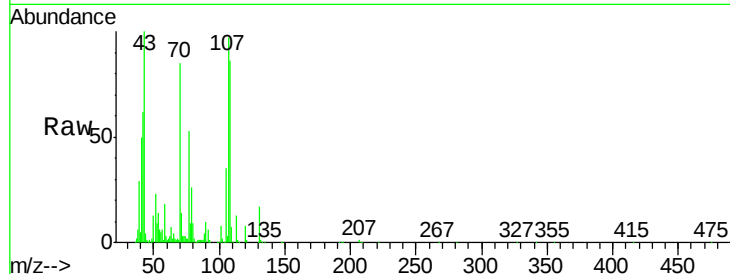
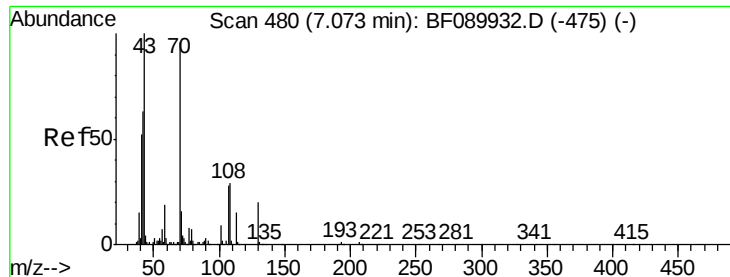
Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

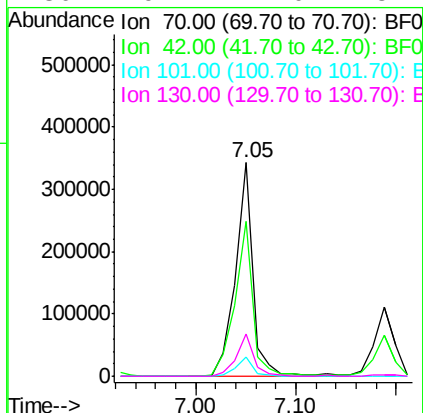
Tgt Ion:	117	Resp:	231609
Ion Ratio	Lower	Upper	
117	100		
119	96.0	76.2	114.2
201	105.5	80.2	120.2





#19
n-Nitroso-di-n-propylamine
Concen: 38.54 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Lower	Upper
70	100		
42	72.4	52.1	78.1
101	8.9	7.4	11.2
130	19.7	17.0	25.4



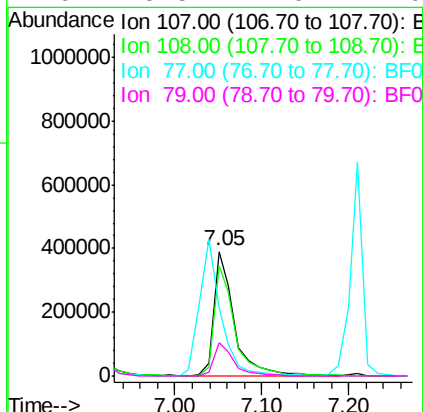
Instrument :
BNA_F
ClientSampleId :
PB93246BS

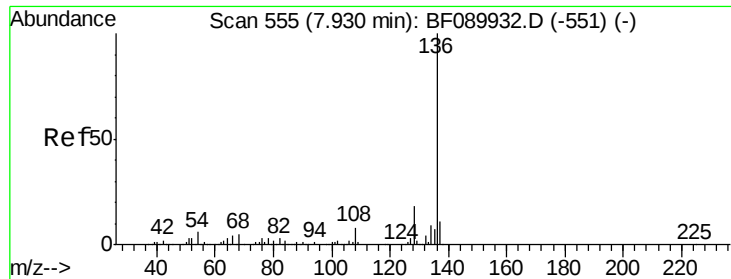
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#20
3+4-Methylphenols
Concen: 43.74 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	70.2	110.2
77	54.4	75.7	115.7#
79	26.5	7.0	47.0





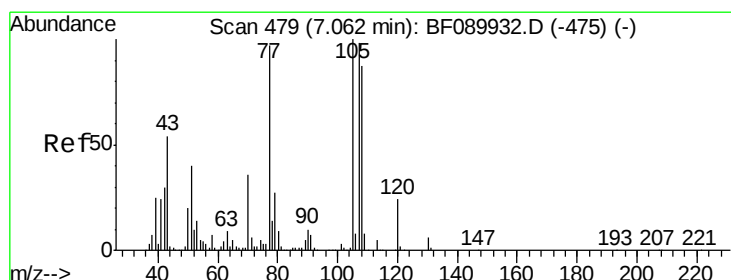
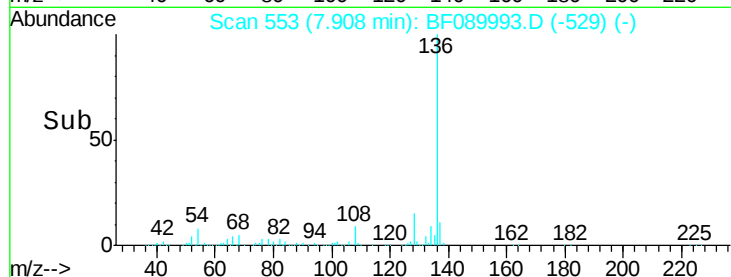
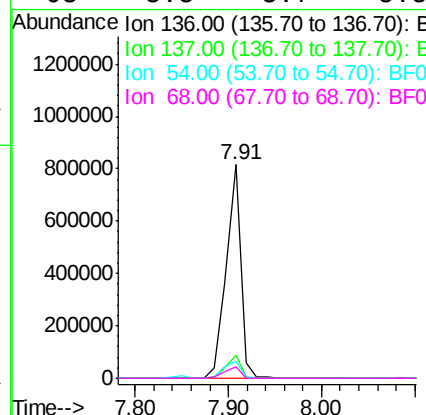
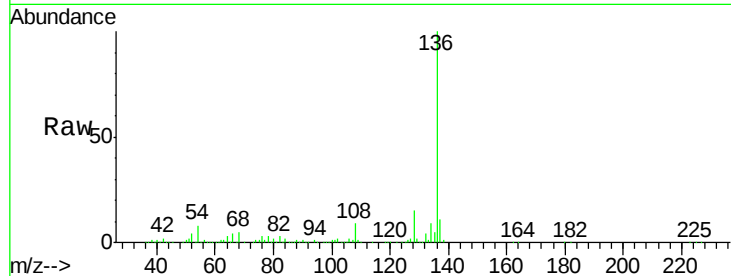
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB93246BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	885209		
137	10.8	8.3	12.5	
54	7.8	4.8	7.2#	
68	5.5	3.7	5.5	

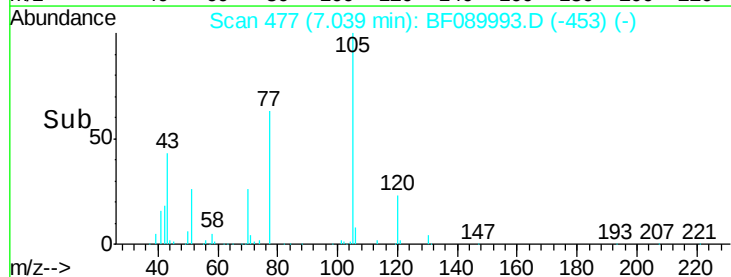
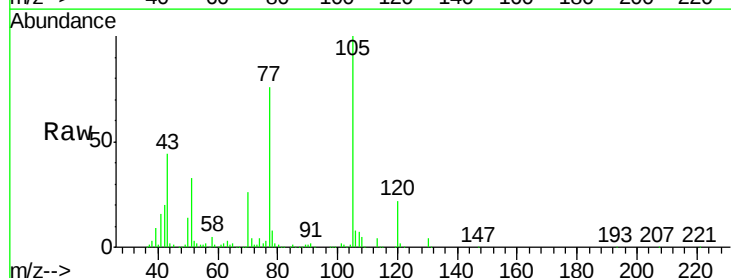
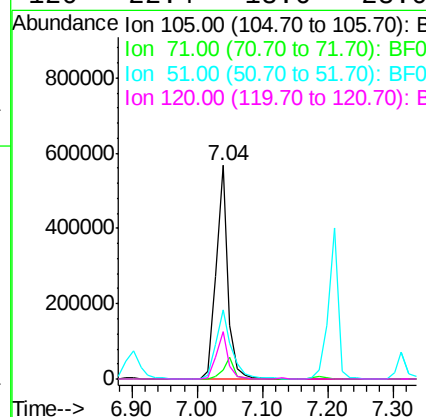
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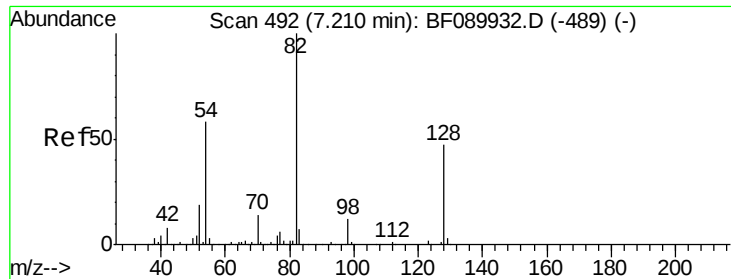
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#22
Acetophenone
Concen: 36.41 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	722992		
71	4.2	5.3	7.9#	
51	32.5	32.6	48.8#	
120	22.4	18.6	28.0	





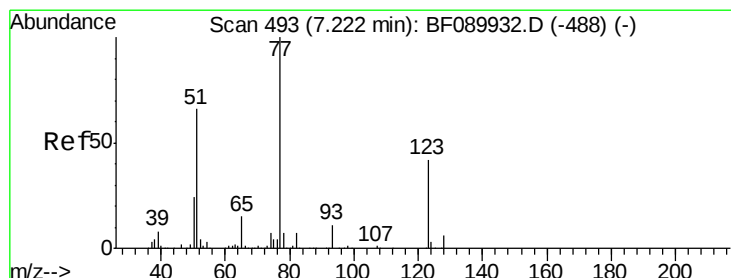
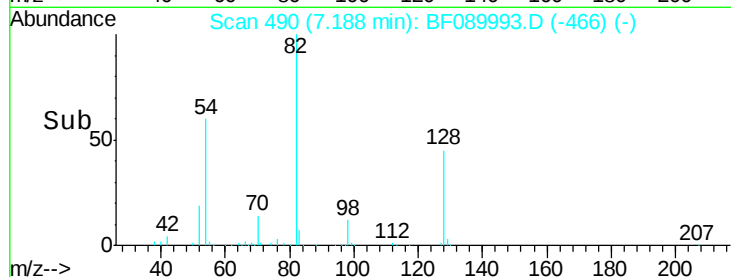
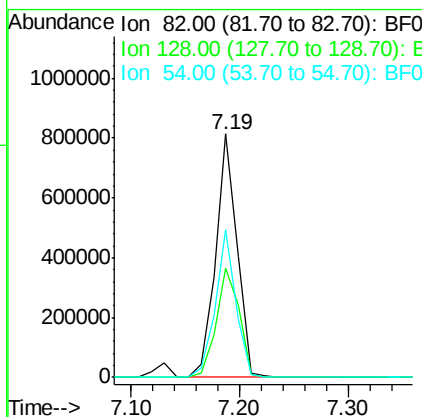
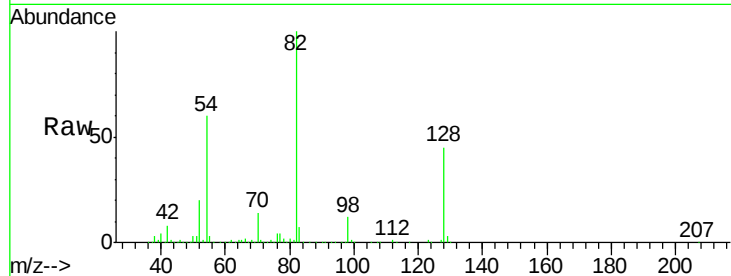
#23
 Nitrobenzene-d5
 Concen: 72.82 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB93246BS

Tgt Ion: 82 Resp: 1111433
 Ion Ratio Lower Upper
 82 100
 128 44.9 37.8 56.8
 54 60.5 46.9 70.3

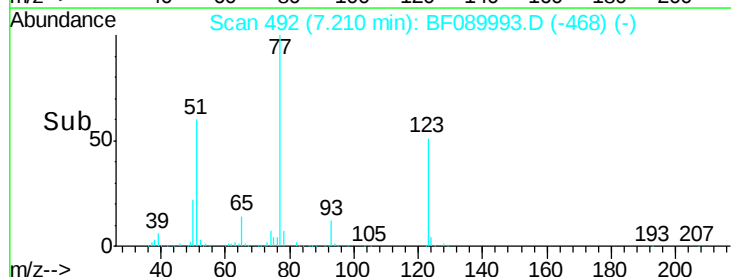
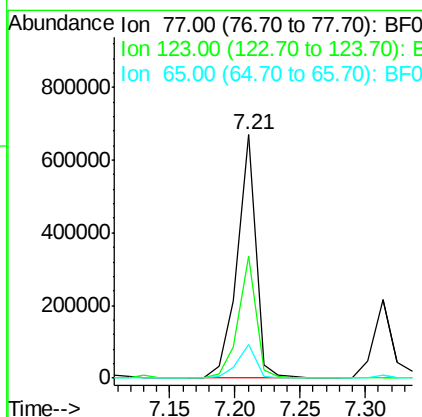
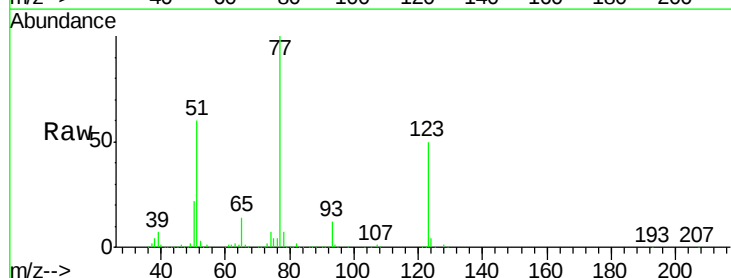
Manual Integrations
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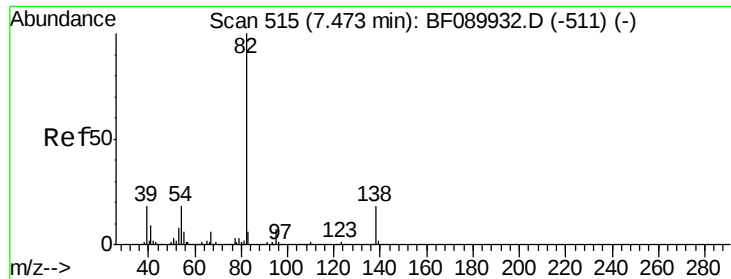
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#24
 Nitrobenzene
 Concen: 40.59 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Tgt Ion: 77 Resp: 658690
 Ion Ratio Lower Upper
 77 100
 123 50.1 32.0 48.0#
 65 13.9 11.2 16.8





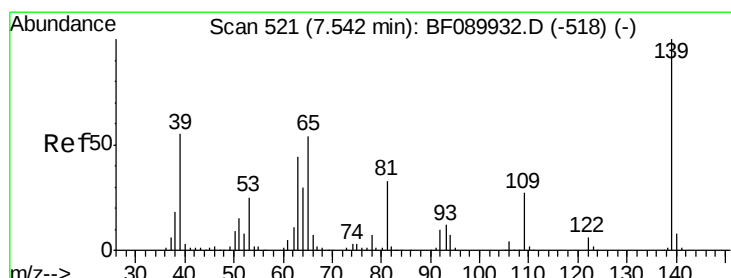
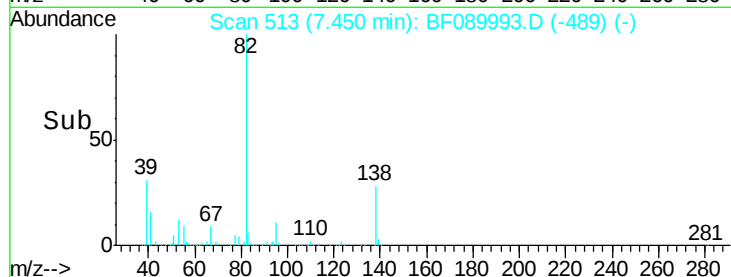
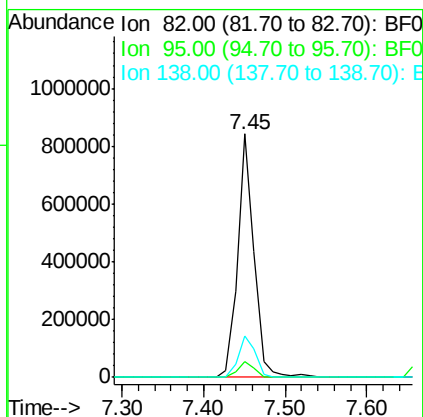
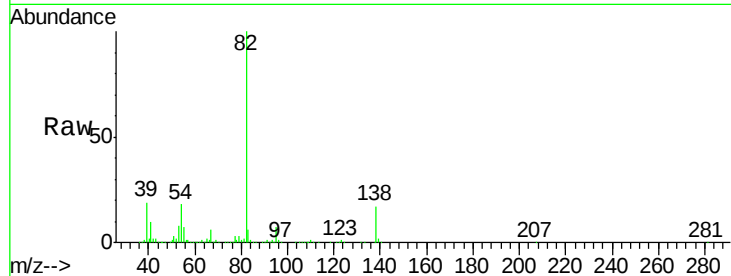
#25
Isophorone
Concen: 37.88 ng
RT: 7.45 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB93246BS

Tgt Ion: 82 Resp: 1175738
Ion Ratio Lower Upper
82 100
95 6.6 5.5 8.3
138 17.2 14.4 21.6

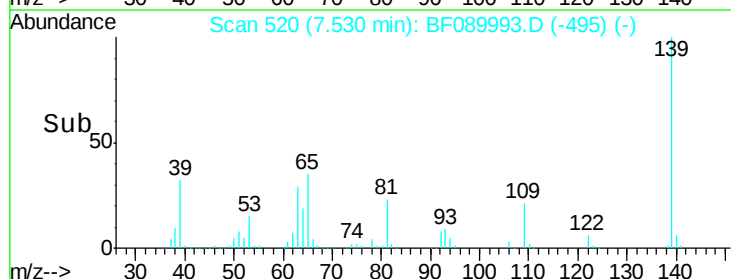
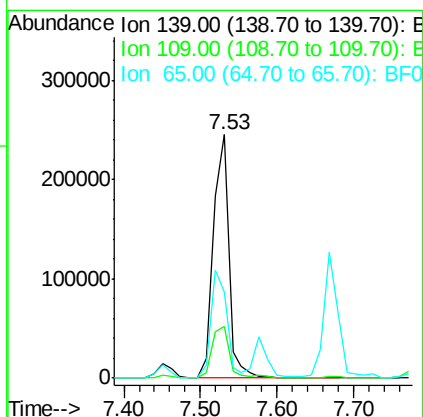
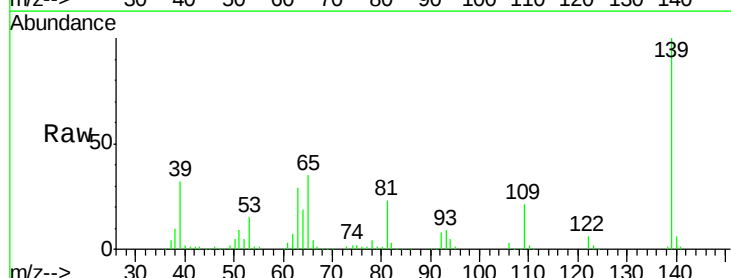
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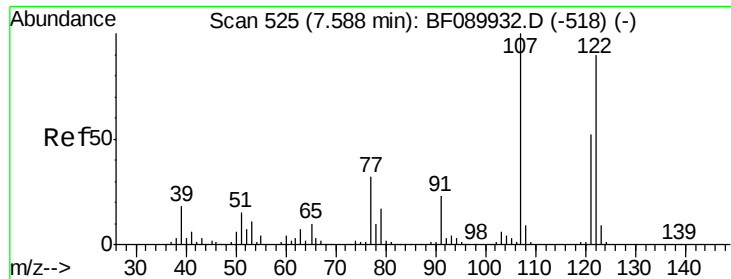
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#26
2-Nitrophenol
Concen: 44.03 ng
RT: 7.53 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion: 139 Resp: 341527
Ion Ratio Lower Upper
139 100
109 21.2 21.0 31.4
65 35.2 43.4 65.0#





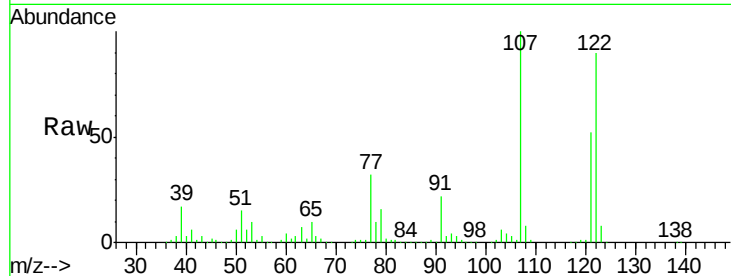
#27
 2,4-Dimethylphenol
 Concen: 38.13 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB93246BS

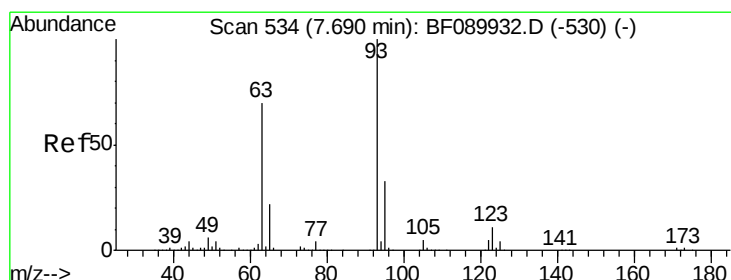
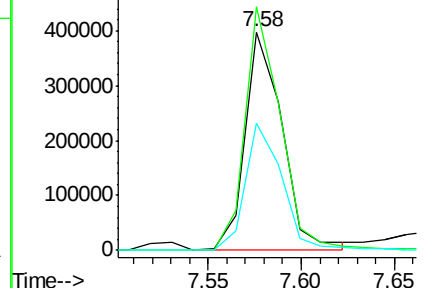
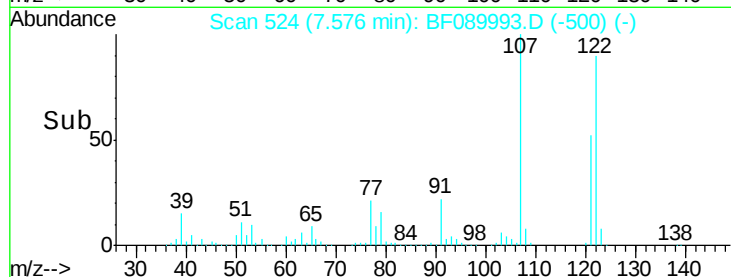
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	547189		
107	111.7	88.5	132.7	
121	58.1	46.0	69.0	

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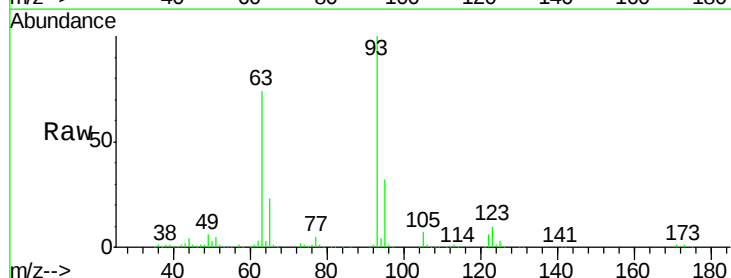


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

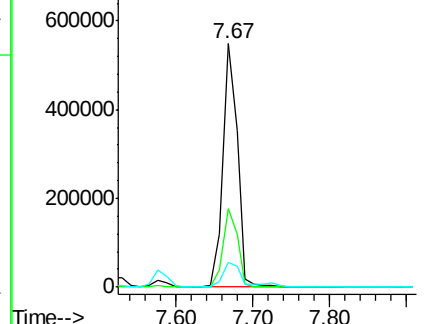
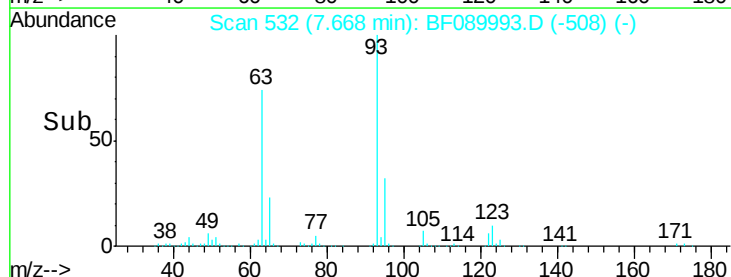


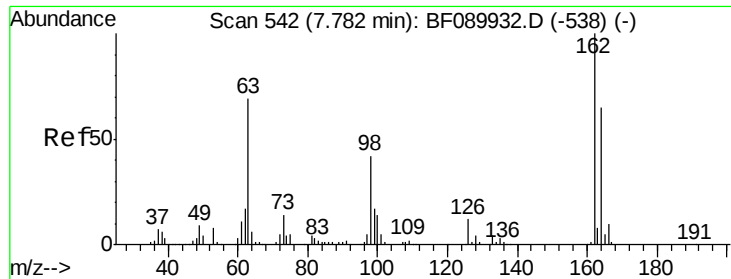
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.08 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	731653		
95	32.1	26.6	40.0	
123	10.3	9.1	13.7	



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





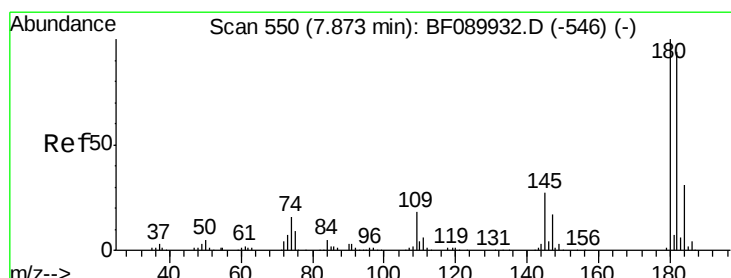
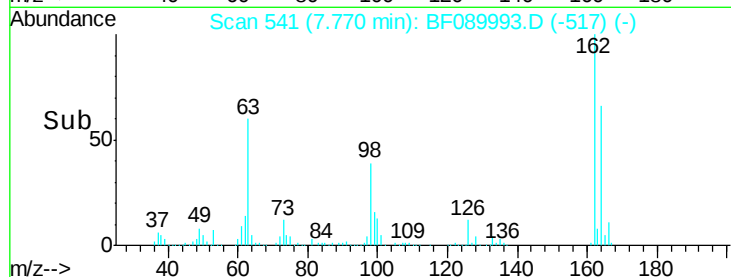
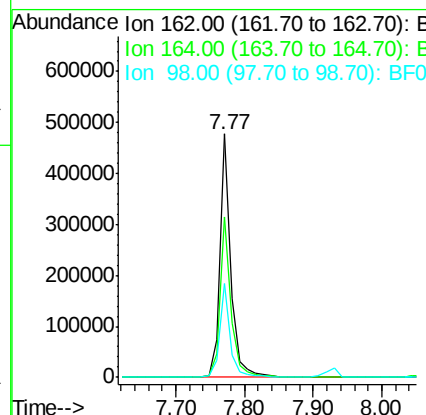
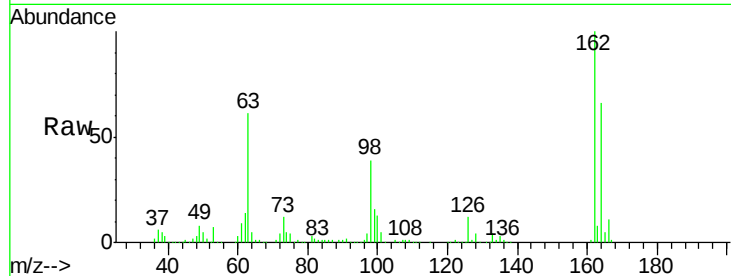
#29
2,4-Dichlorophenol
Concen: 41.77 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB93246BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	537267		
164	65.9	46.6	86.6	
98	38.8	22.0	62.0	

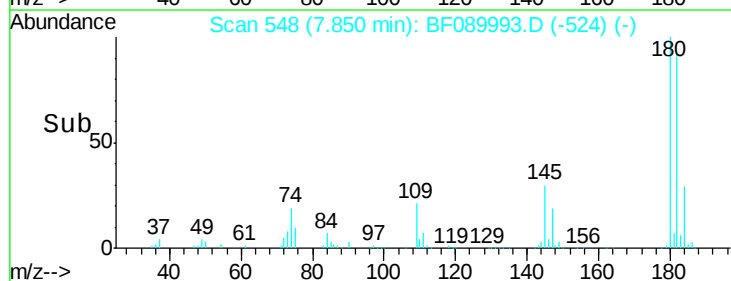
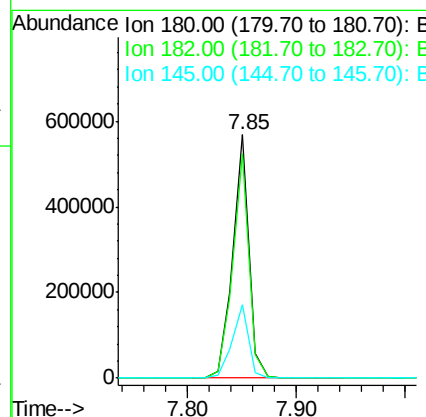
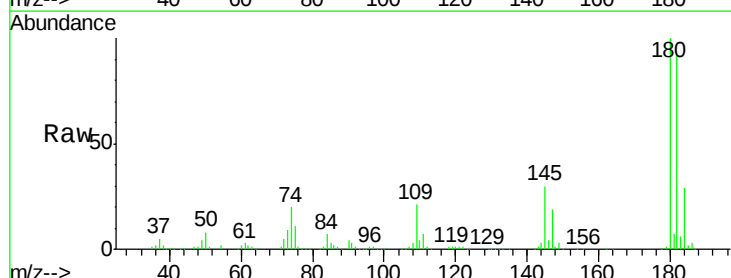
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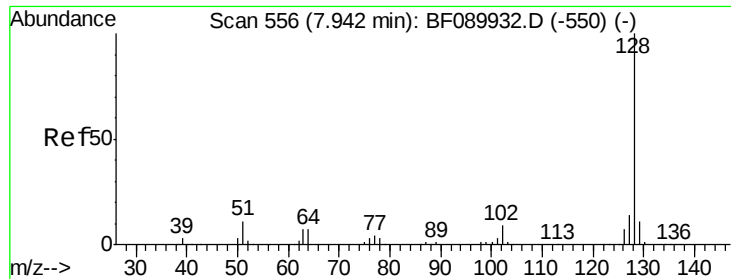
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#30
1,2,4-Trichlorobenzene
Concen: 41.37 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	581794		
182	92.4	76.2	114.2	
145	30.4	22.2	33.4	





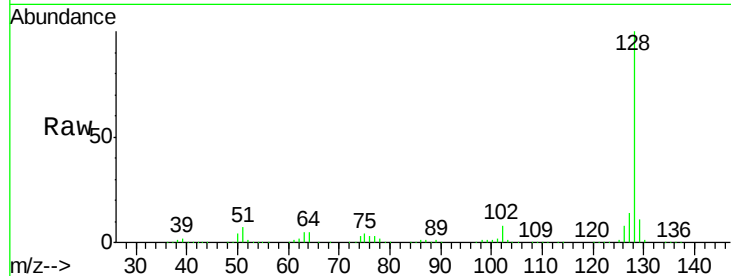
#31
Naphthalene
Concen: 40.92 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB93246BS

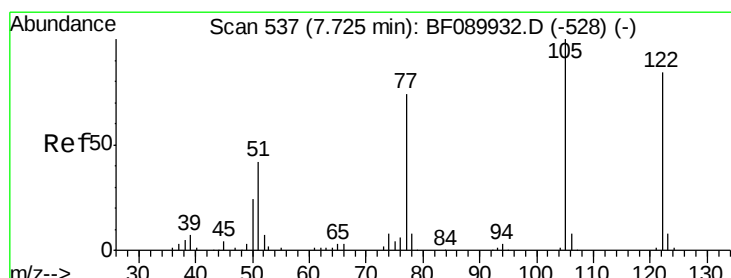
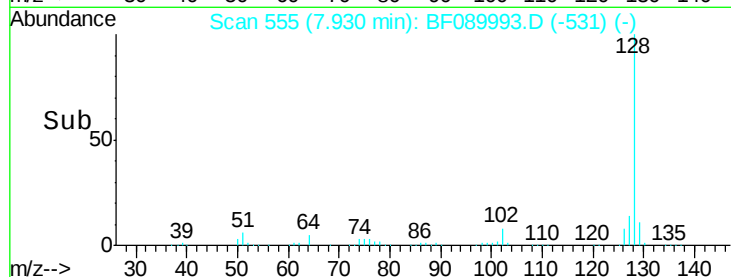
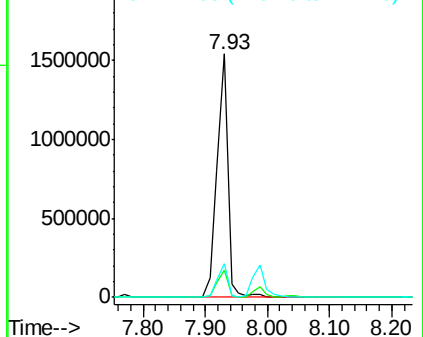
Tgt Ion:128 Resp: 1804683
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 13.6 10.7 16.1

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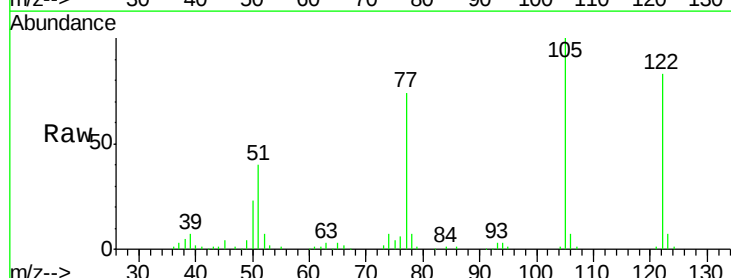


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

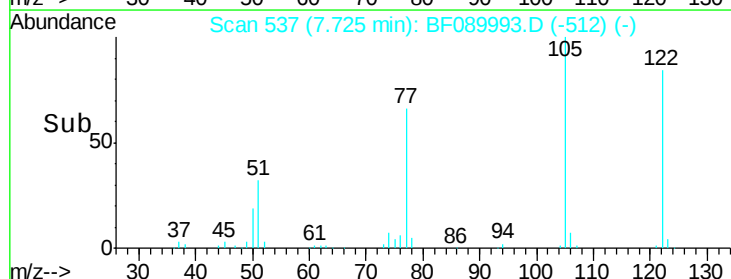
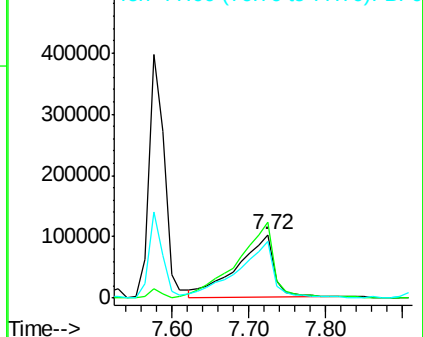


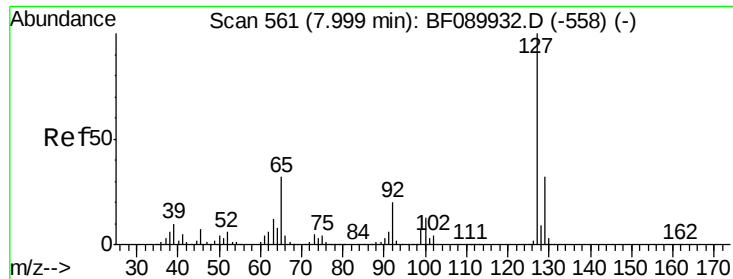
#32
Benzoic acid
Concen: 35.30 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion:122 Resp: 341248
Ion Ratio Lower Upper
122 100
105 120.0 102.2 142.2
77 89.1 74.1 114.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





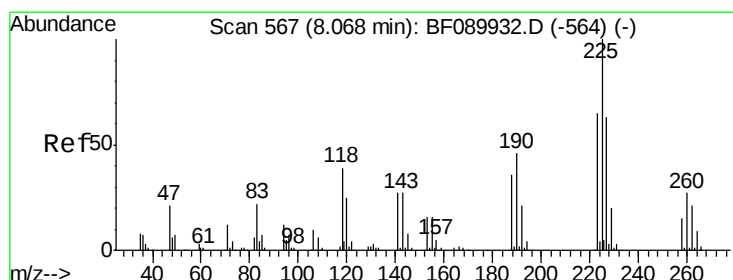
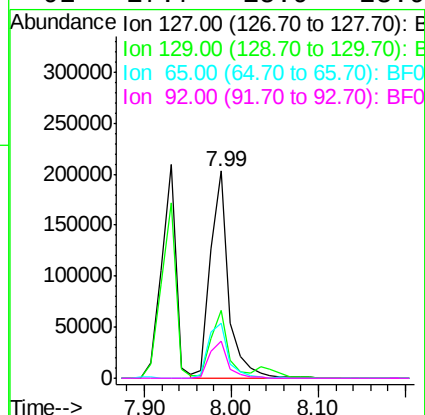
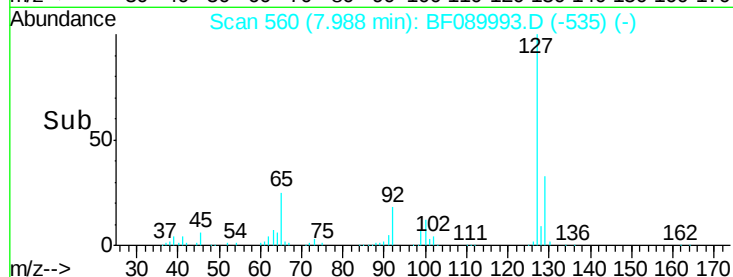
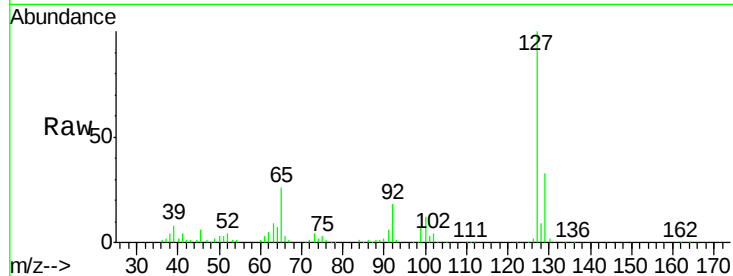
#33
4-Chloroaniline
Concen: 16.62 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB93246BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	295712		
129	32.5	25.9	38.9	
65	26.5	26.0	39.0	
92	17.7	15.9	23.9	

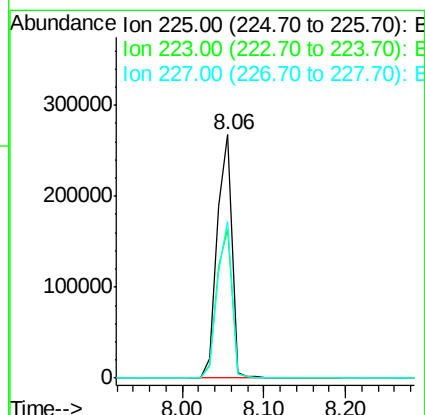
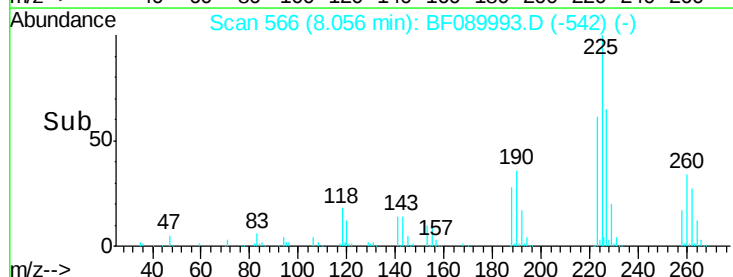
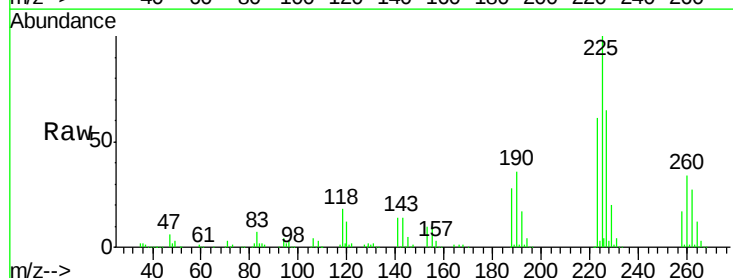
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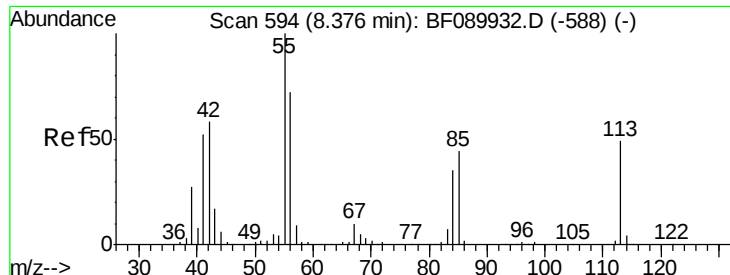
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#34
Hexachlorobutadiene
Concen: 41.09 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	338603		
223	61.0	52.6	78.8	
227	64.6	50.8	76.2	





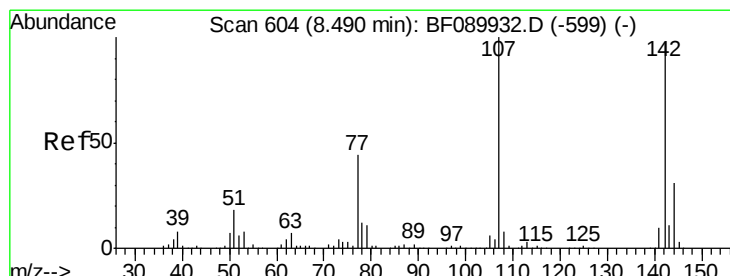
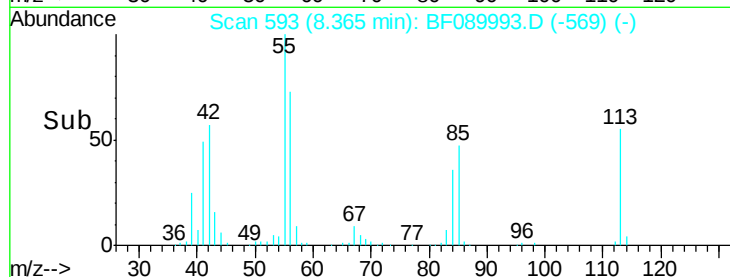
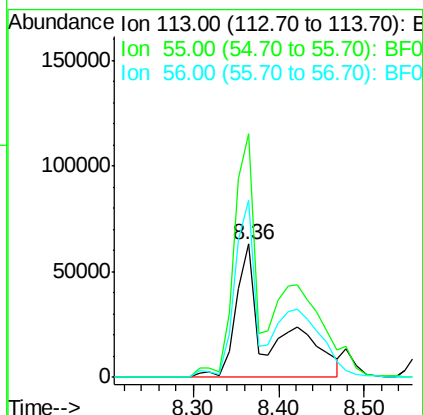
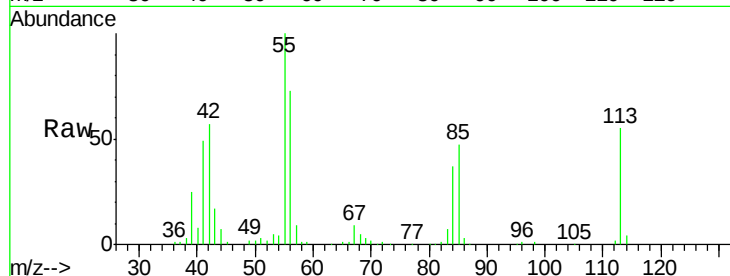
#35
 Caprolactam
 Concen: 44.60 ng m
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB93246BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	181100		
55	182.5	178.5	218.5	
56	132.7	122.7	162.7	

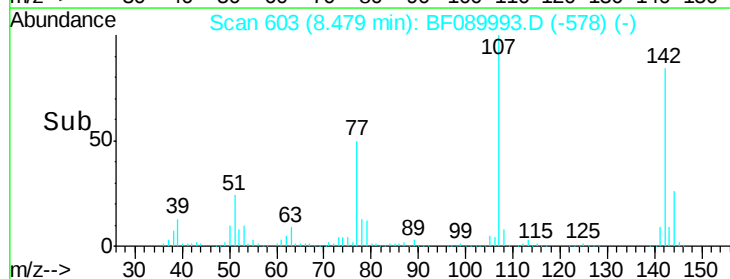
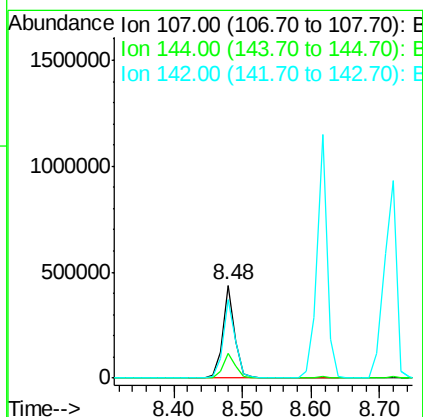
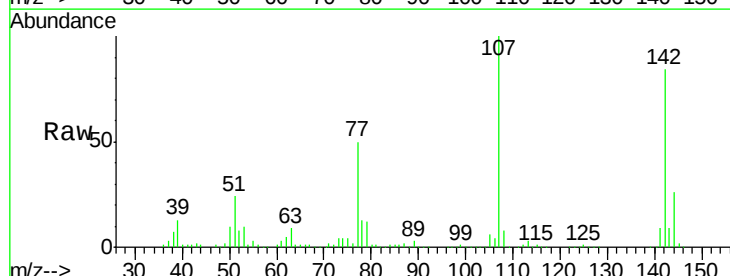
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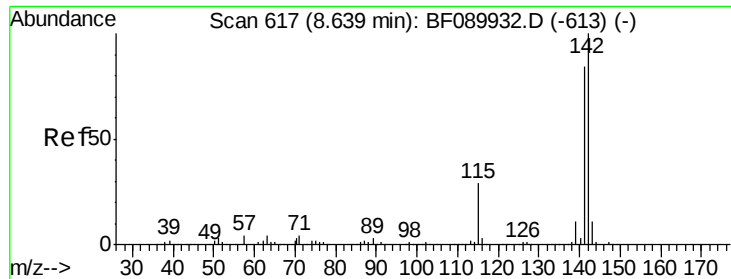
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#36
 4-Chloro-3-methylphenol
 Concen: 39.55 ng
 RT: 8.48 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	538764		
144	26.2	25.8	38.8	
142	83.6	79.2	118.8	





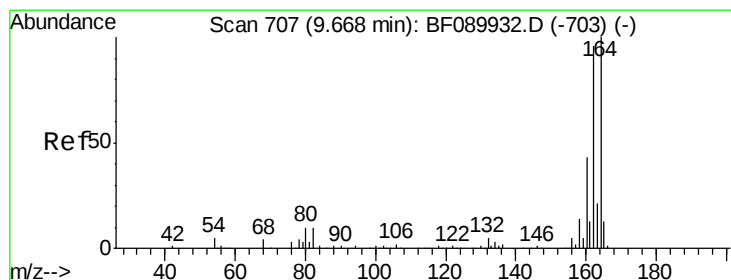
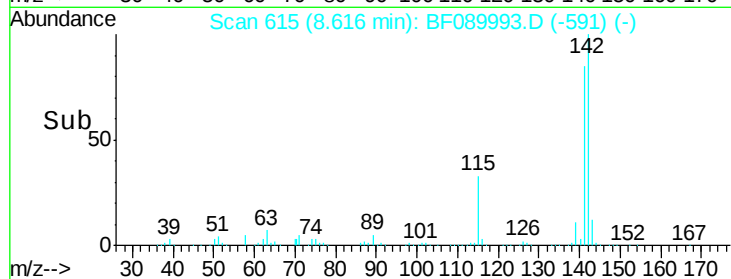
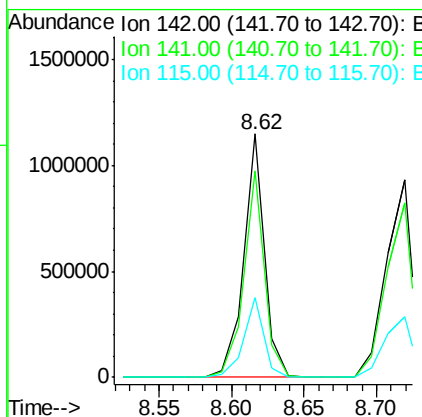
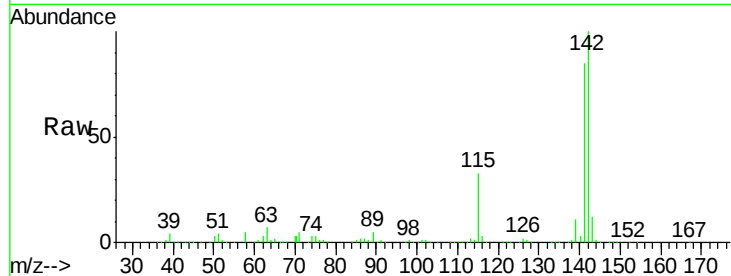
#37
 2-Methylnaphthalene
 Concen: 39.12 ng
 RT: 8.62 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB93246BS

Tgt Ion:142 Resp: 1139896
 Ion Ratio Lower Upper
 142 100
 141 85.0 68.3 102.5
 115 32.9 23.8 35.8

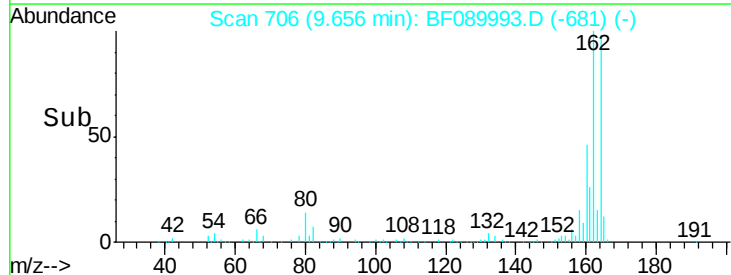
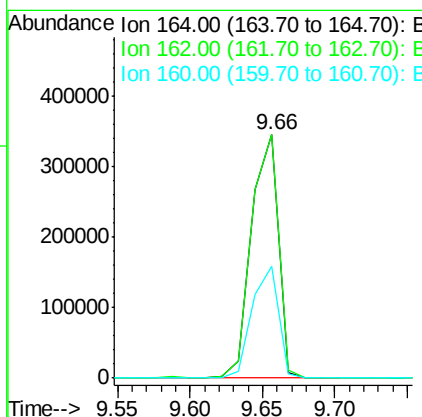
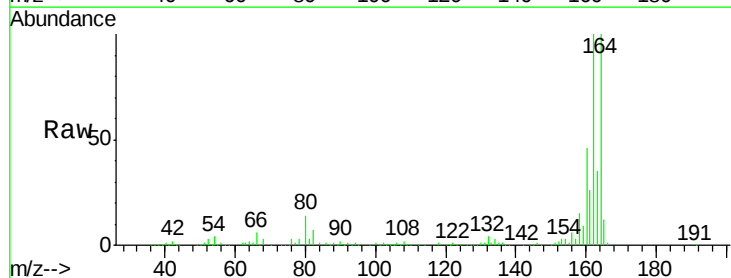
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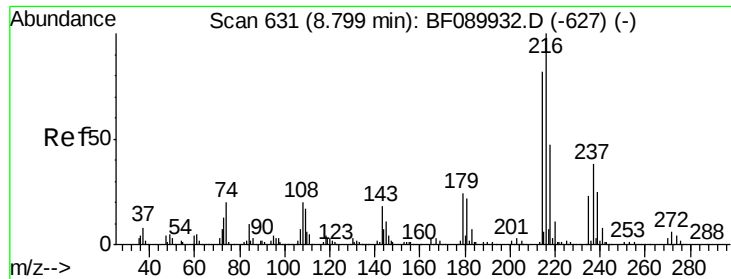
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Tgt Ion:164 Resp: 445270
 Ion Ratio Lower Upper
 164 100
 162 99.9 77.1 115.7
 160 46.0 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.67 ng

RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

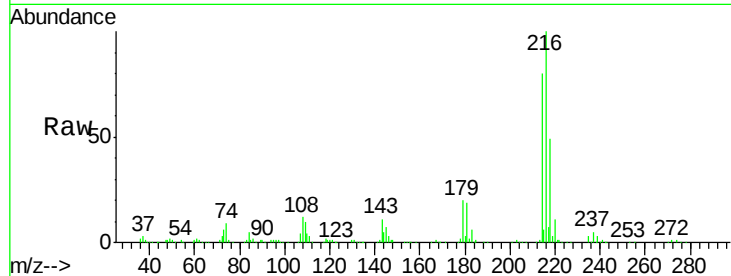
ClientSampleId :

PB93246BS

Tgt Ion:	216	Resp:	491330
Ion Ratio	Lower	Upper	
216	100		
214	80.0	63.4	95.2
179	20.5	17.3	25.9
108	17.9	15.5	23.3

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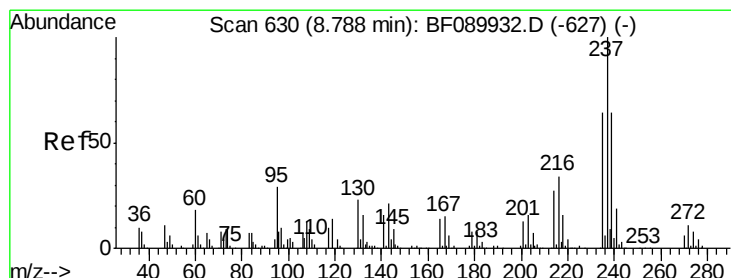
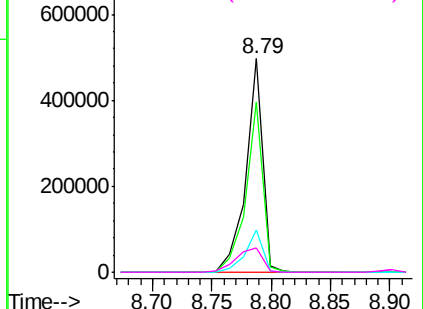
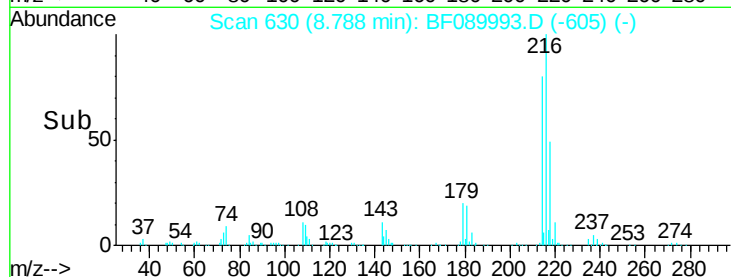


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.06 ng

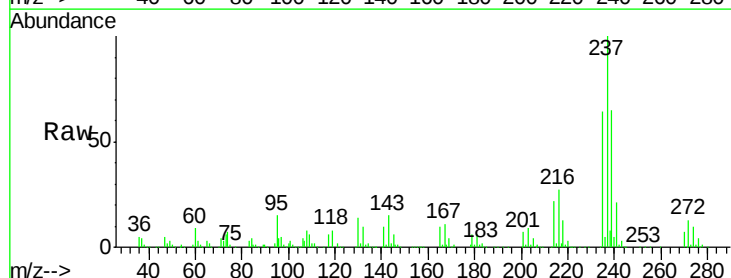
RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

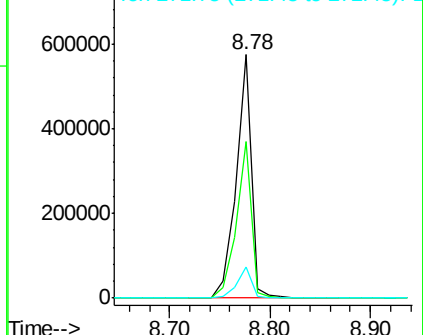
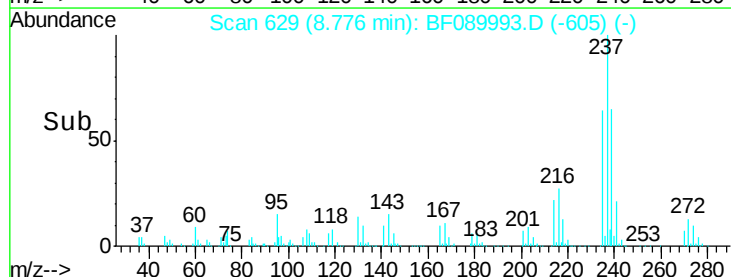
Tgt Ion:	237	Resp:	602368
Ion Ratio	Lower	Upper	
237	100		
235	64.2	39.6	79.6
272	12.9	0.0	34.6

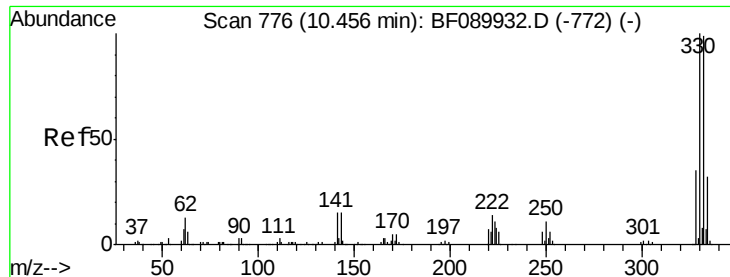


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





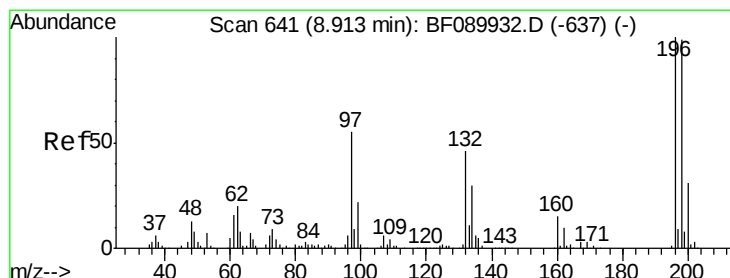
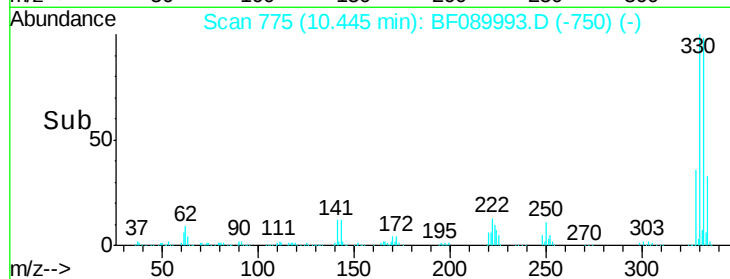
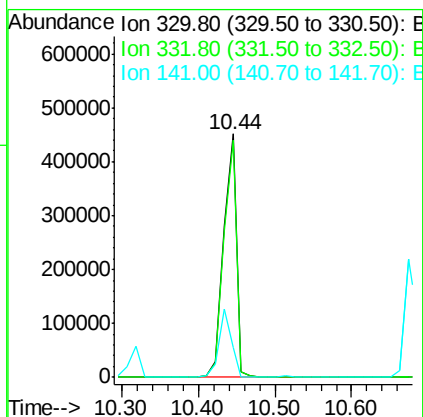
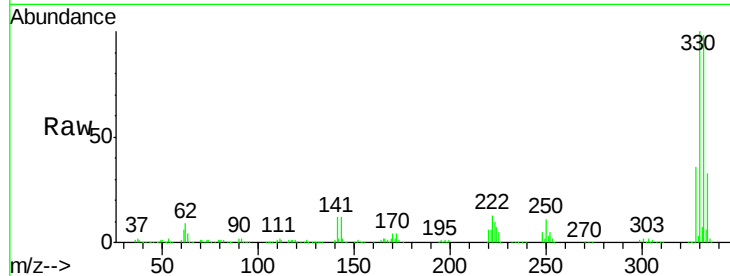
#41
 2,4,6-Tribromophenol
 Concen: 122.42 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB93246BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	537777		
332	97.1	78.6	117.8	
141	27.2	23.3	34.9	

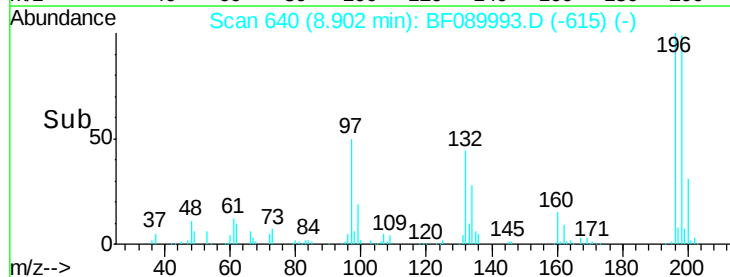
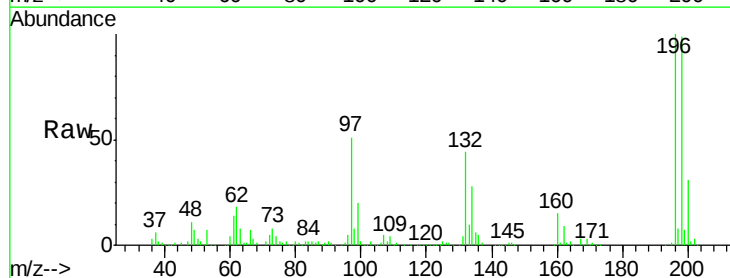
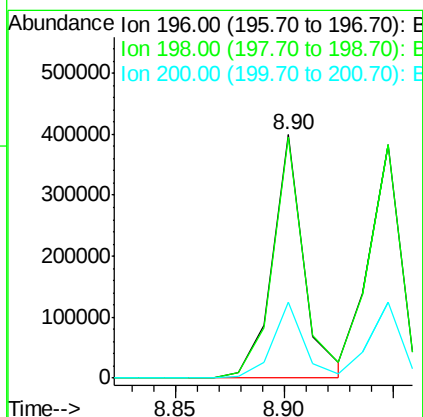
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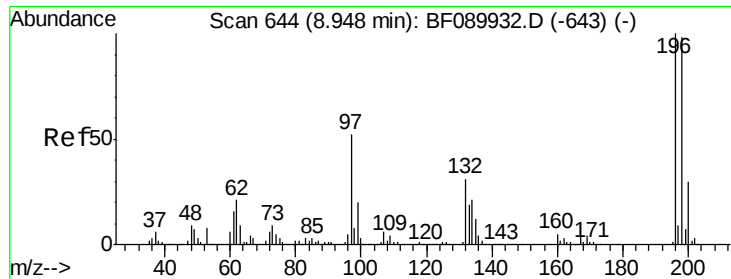
sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 44.62 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	403317		
198	98.9	78.3	117.5	
200	31.2	24.8	37.2	





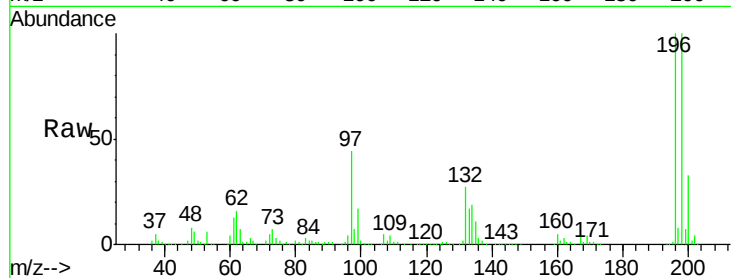
#43
 2,4,5-Trichlorophenol
 Concen: 45.67 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB93246BS

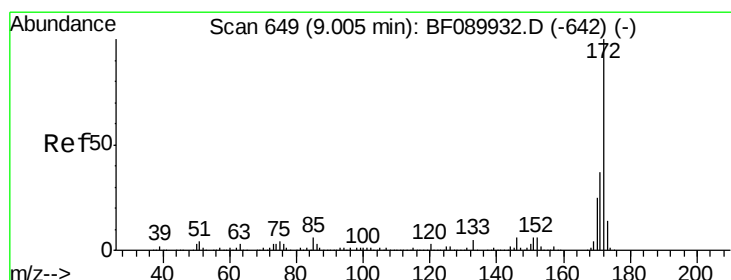
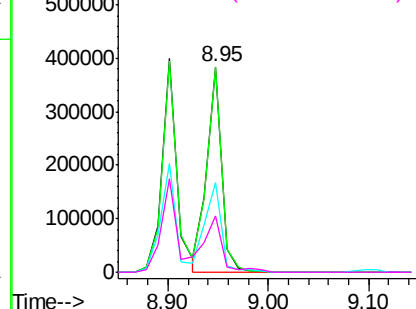
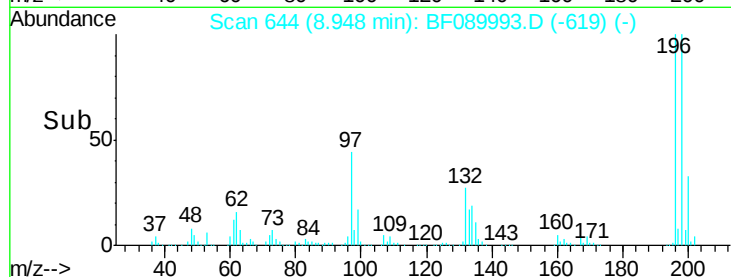
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	396966		
198	99.7	80.8	121.2	
97	43.7	44.2	66.4	
132	27.4	25.8	38.6	

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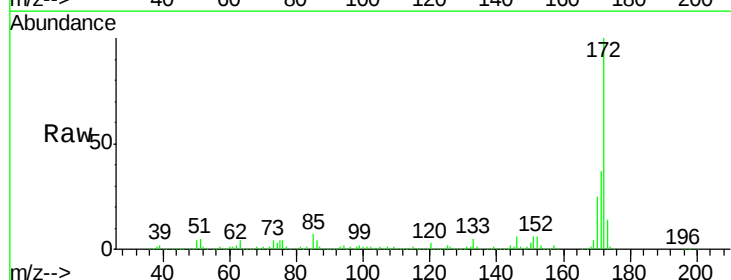


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

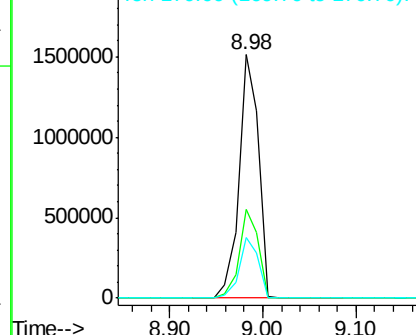
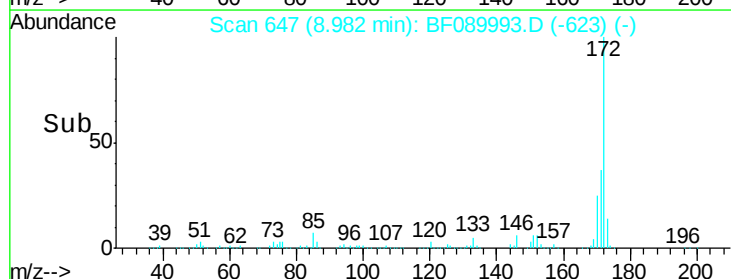


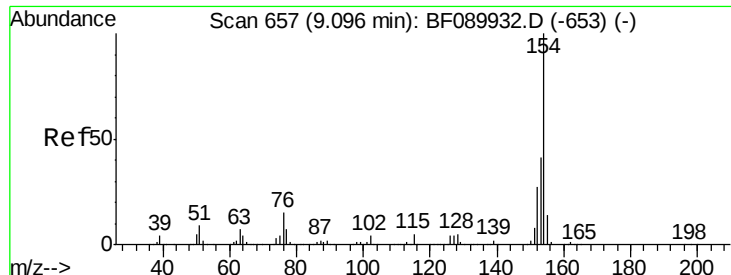
#44
 2-Fluorobiphenyl
 Concen: 80.56 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2185247		
171	36.5	29.4	44.2	
170	24.8	20.1	30.1	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





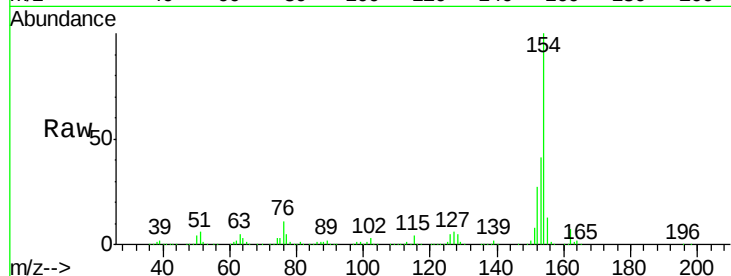
#45
 1,1'-Biphenyl
 Concen: 36.51 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB93246BS

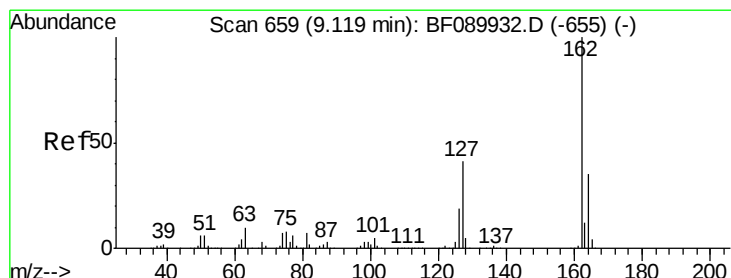
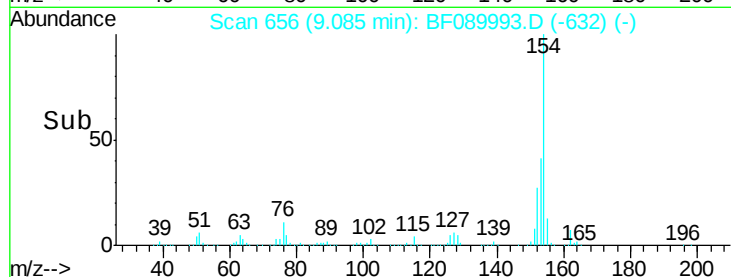
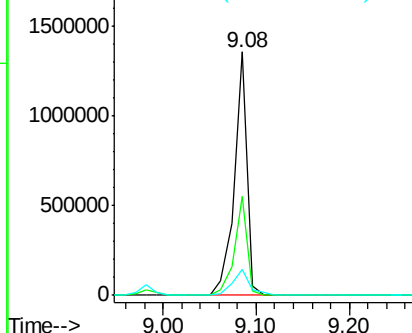
Tgt Ion:154 Resp: 1308875
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 10.7 0.0 34.9

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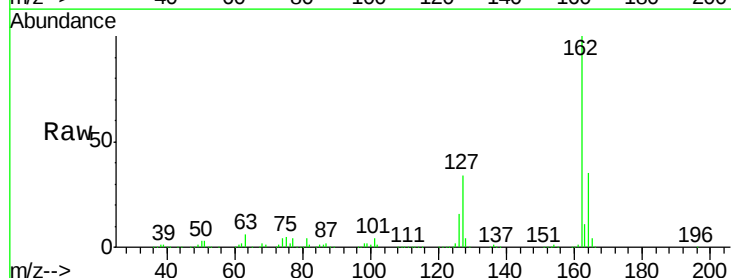


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

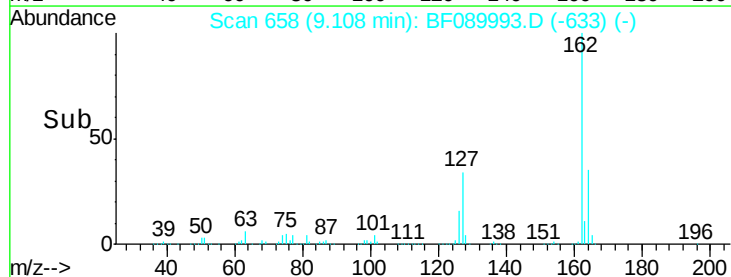
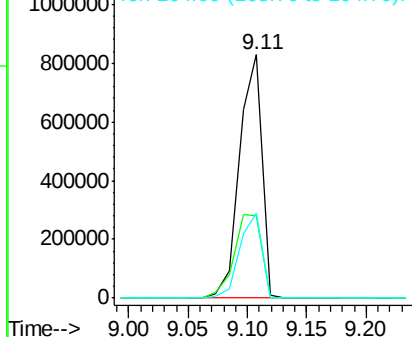


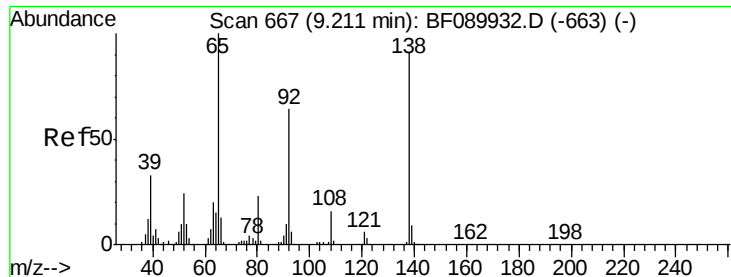
#46
 2-Chloronaphthalene
 Concen: 43.11 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Tgt Ion:162 Resp: 1093332
 Ion Ratio Lower Upper
 162 100
 127 34.0 33.5 50.3
 164 34.9 28.2 42.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





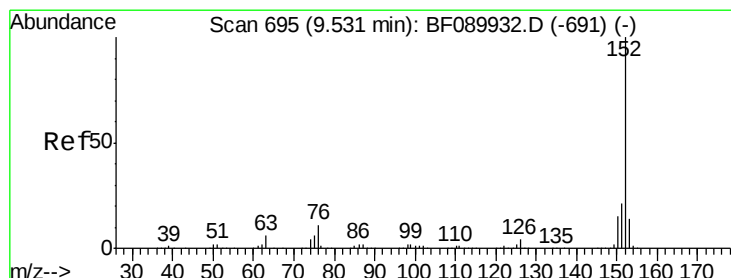
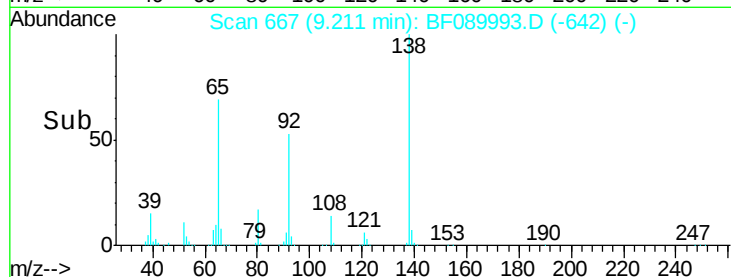
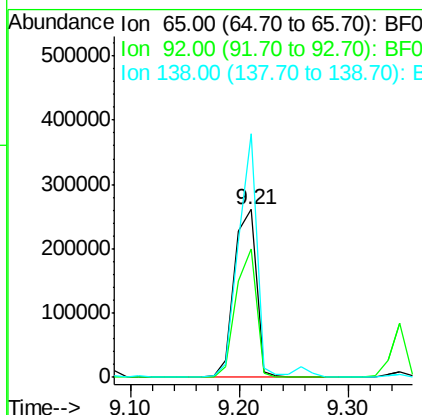
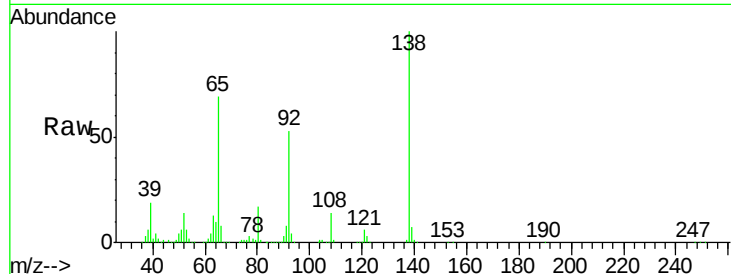
#47
2-Nitroaniline
Concen: 43.96 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB93246BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.6	52.0	78.0
138	145.1	72.1	108.1#

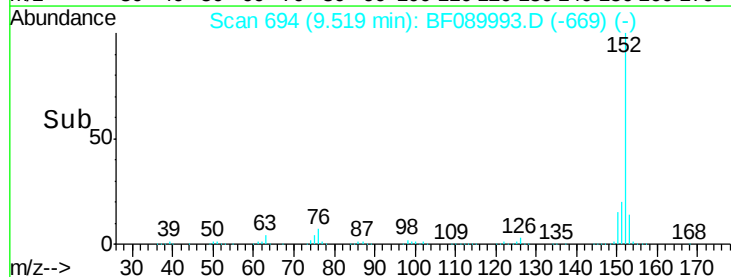
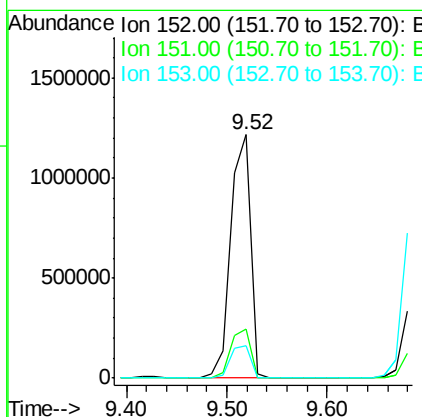
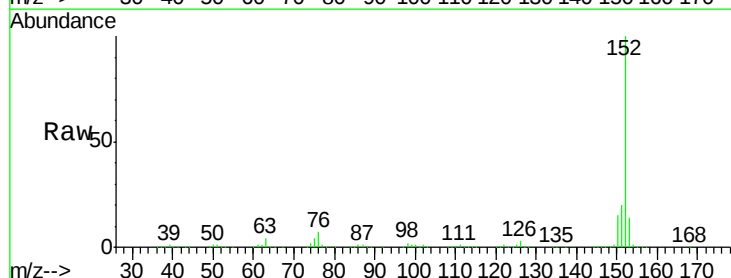
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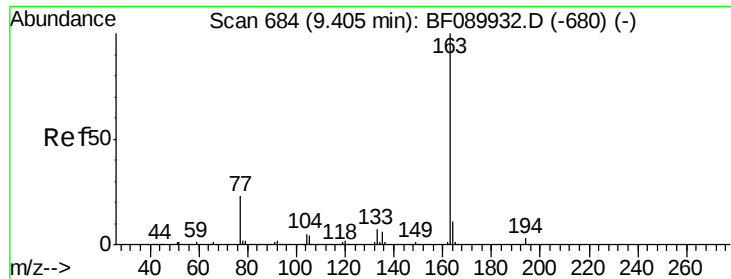
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#48
Acenaphthylene
Concen: 39.63 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.7	25.1
153	13.5	11.6	17.4





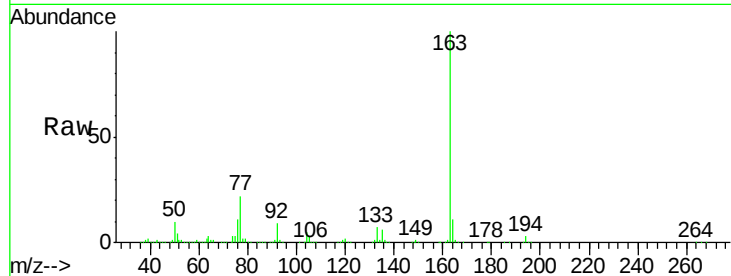
#49
Dimethylphthalate
Concen: 38.14 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB93246BS

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	11.0	9.0	13.4

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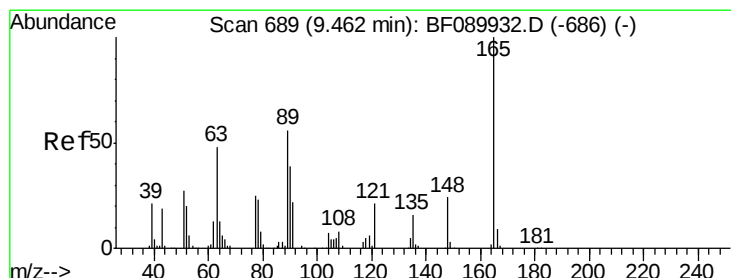
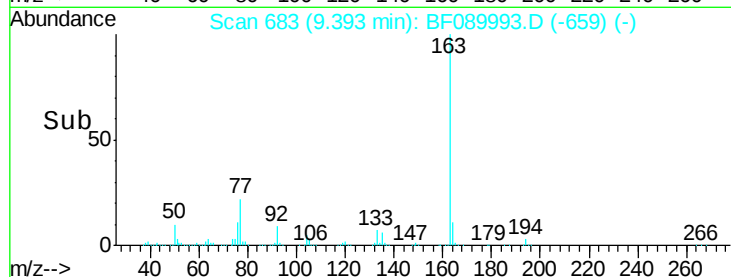
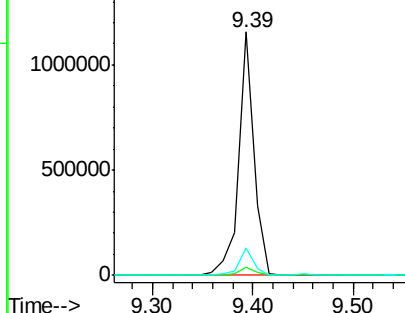


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 43.40 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

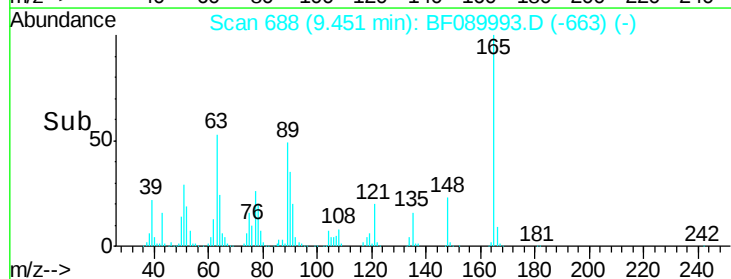
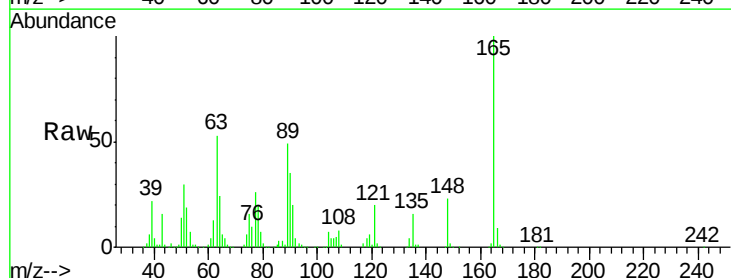
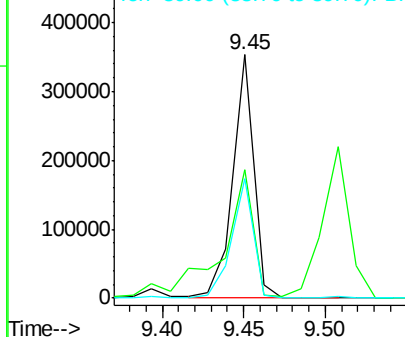
Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.8	45.0	67.4
89	49.3	41.5	62.3

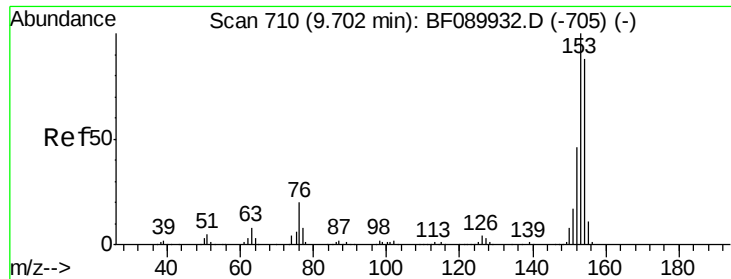
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.98 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

PB93246BS

Tgt Ion:154 Resp: 1115331

Ion Ratio Lower Upper

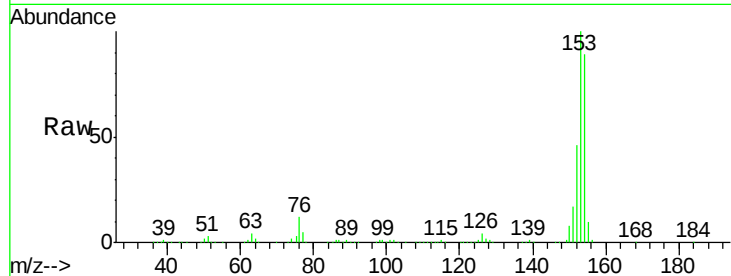
154 100

153 112.8 90.6 135.8

152 51.5 42.4 63.6

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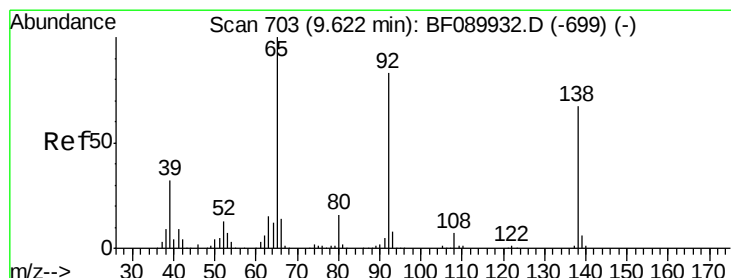
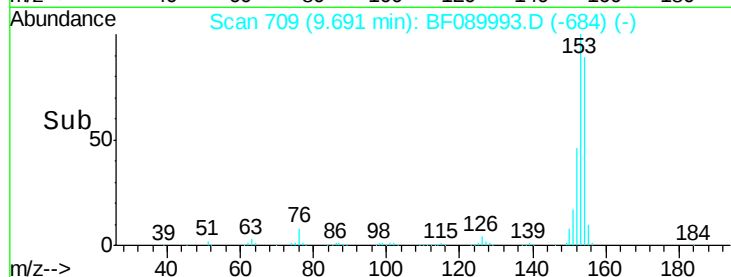
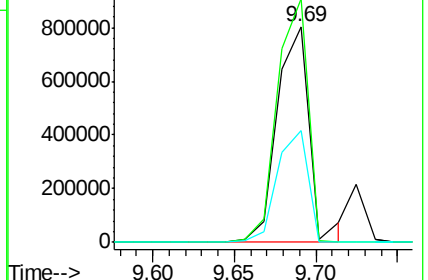
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.92 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

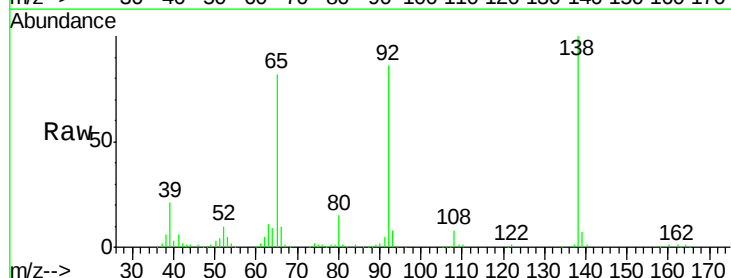
Tgt Ion:138 Resp: 244243

Ion Ratio Lower Upper

138 100

108 8.0 8.3 12.5#

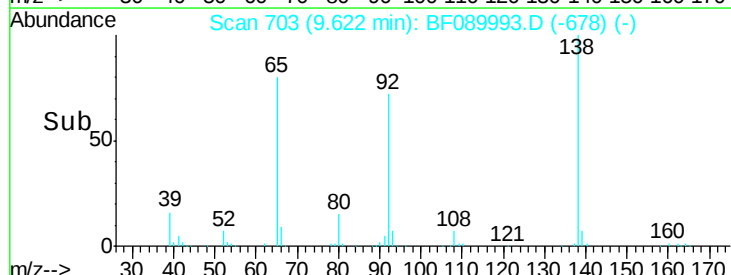
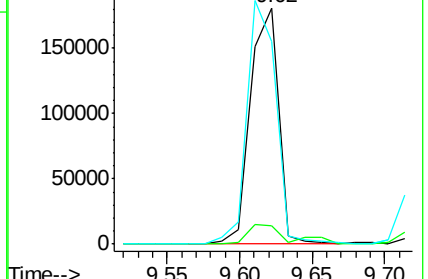
92 86.0 99.1 148.7#

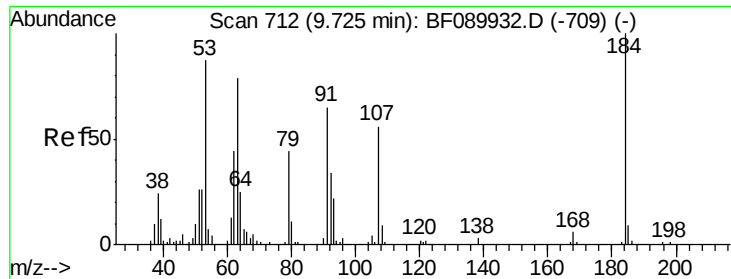


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





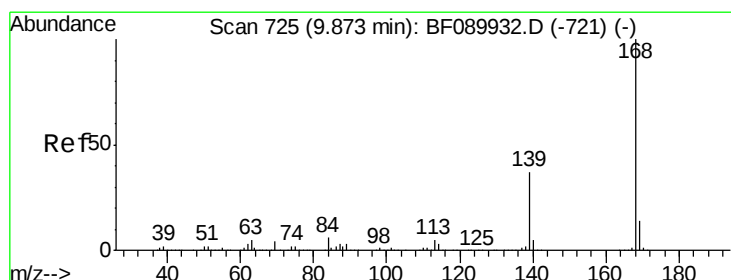
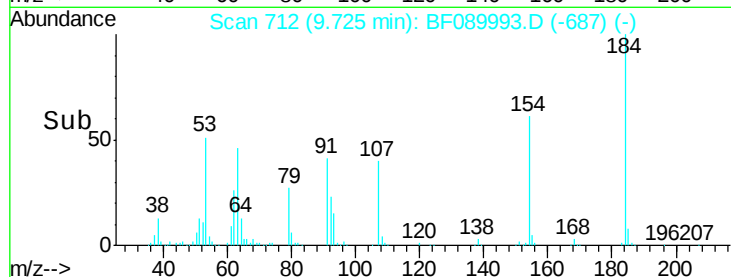
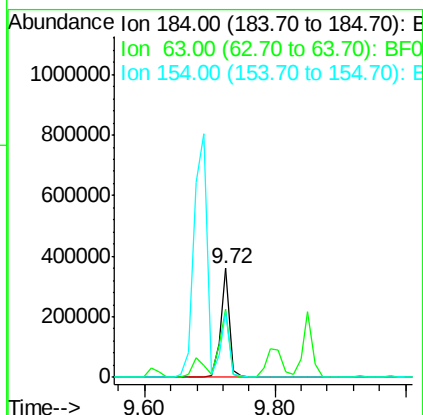
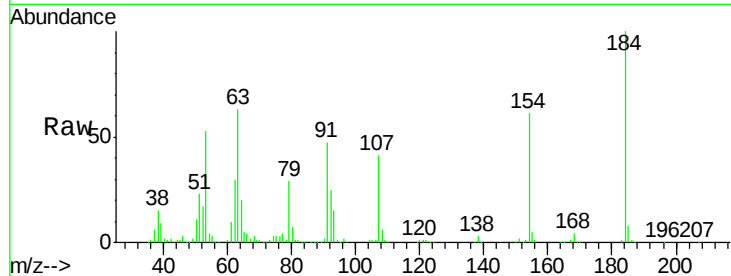
#53
2,4-Dinitrophenol
Concen: 73.67 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampled :
PB93246BS

Tgt Ion:184 Resp: 354562
Ion Ratio Lower Upper
184 100
63 62.6 73.9 110.9#
154 60.6 53.5 80.3

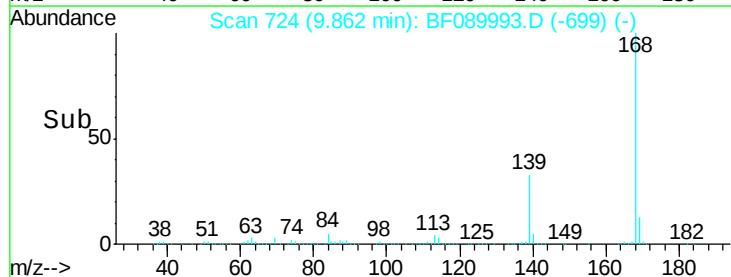
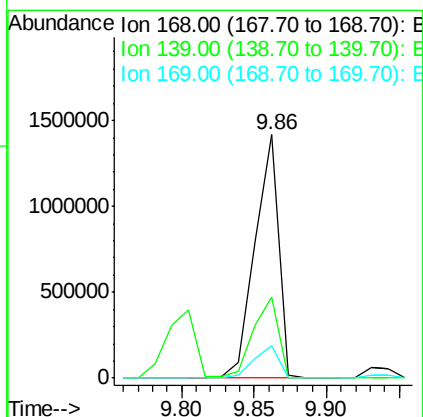
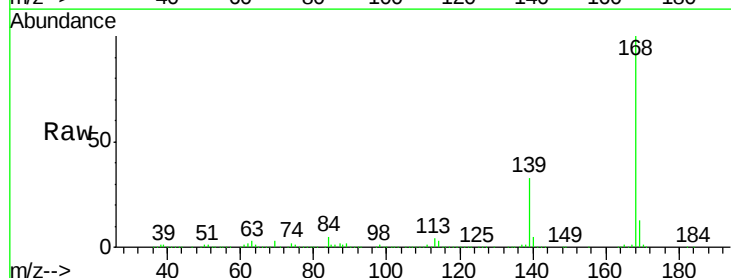
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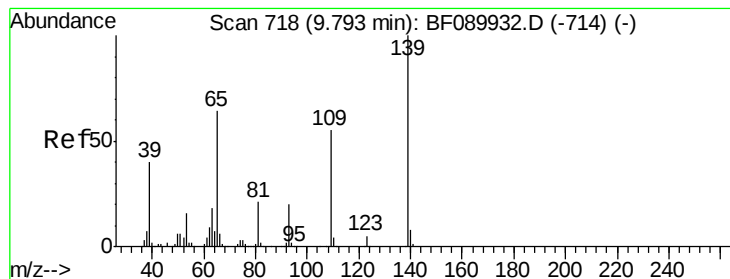
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#54
Dibenzofuran
Concen: 45.02 ng
RT: 9.86 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion:168 Resp: 1602753
Ion Ratio Lower Upper
168 100
139 33.2 29.5 44.3
169 13.3 10.8 16.2





#55

4-Nitrophenol

Concen: 90.73 ng

RT: 9.80 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

PB93246BS

Tgt Ion:139 Resp: 558677
Ion Ratio Lower Upper

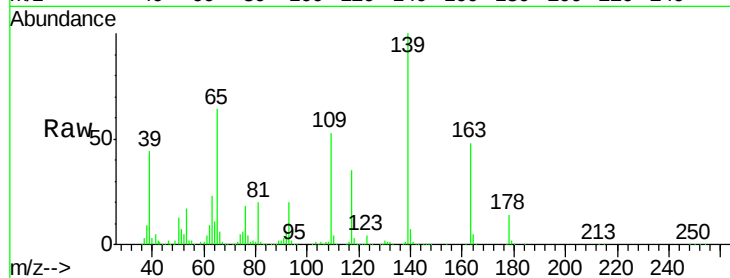
139 100

109 53.3 31.3 71.3

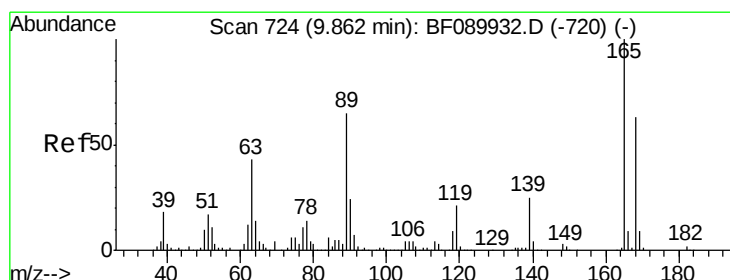
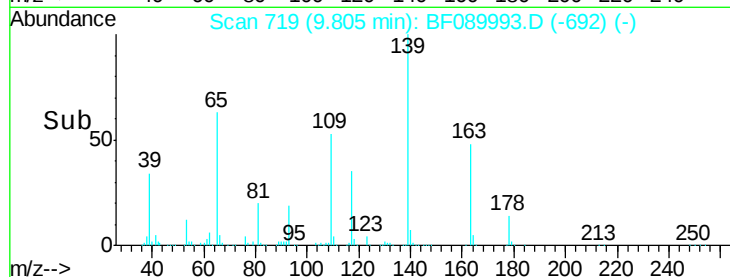
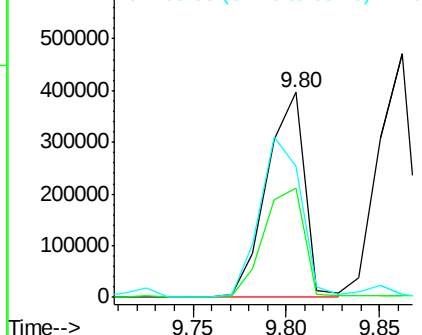
65 64.1 38.5 78.5

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 39.77 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Tgt Ion:165 Resp: 360980
Ion Ratio Lower Upper

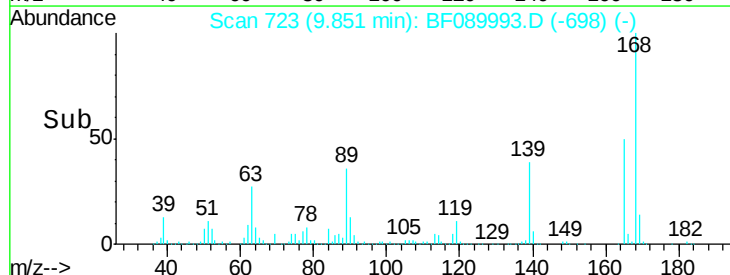
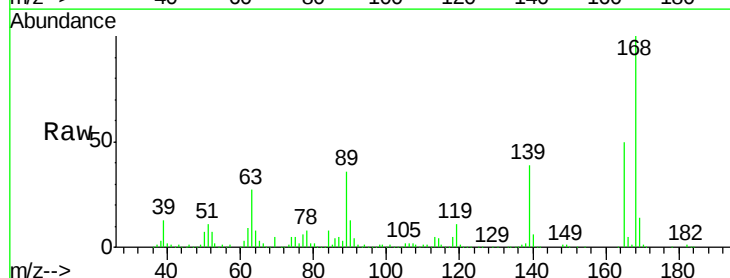
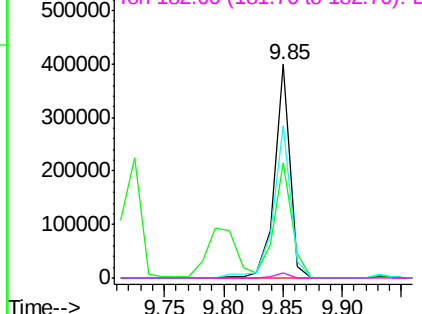
165 100

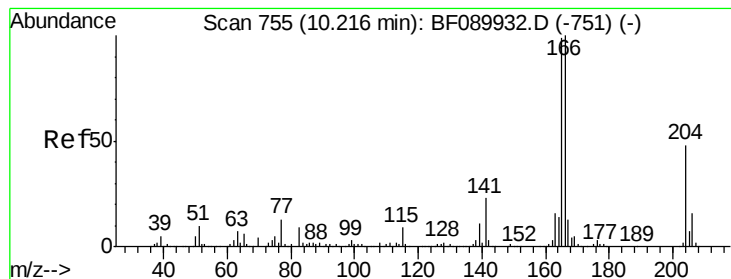
63 54.2 32.5 48.7#

89 71.1 48.3 72.5

182 2.3 1.7 2.5

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.38 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

PB93246BS

Tgt Ion:166 Resp: 1024482

Ion Ratio Lower Upper

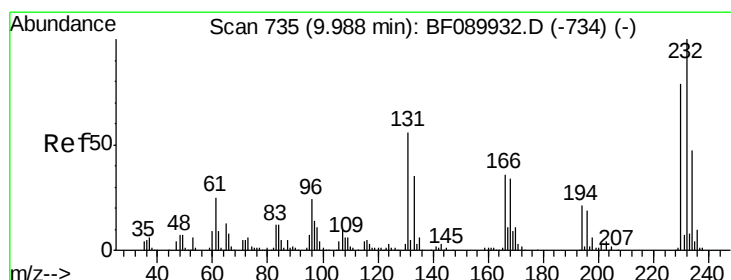
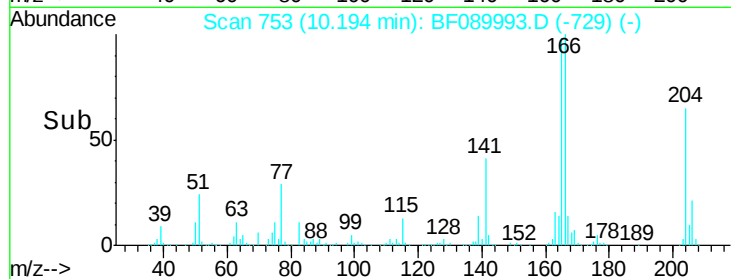
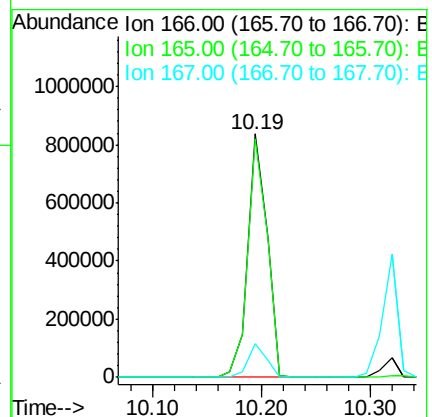
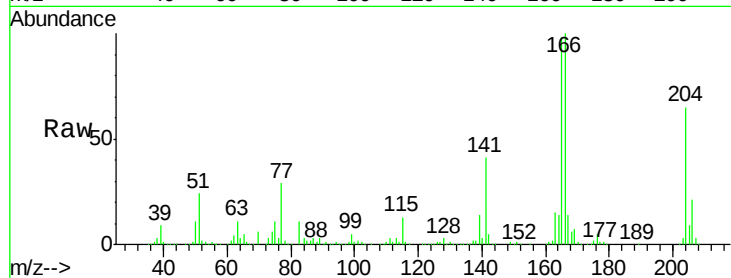
166 100

165 98.0 78.6 118.0

167 13.9 10.6 15.8

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9/7/2016 8:50:32 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.47 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Tgt Ion:232 Resp: 338413

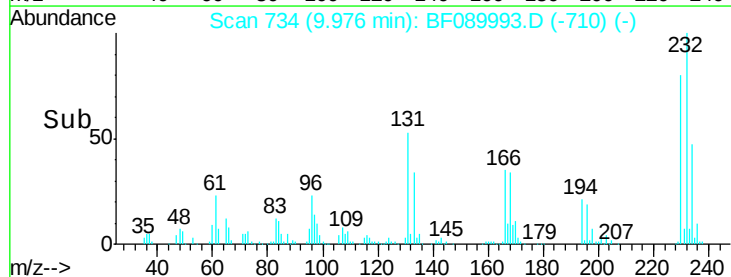
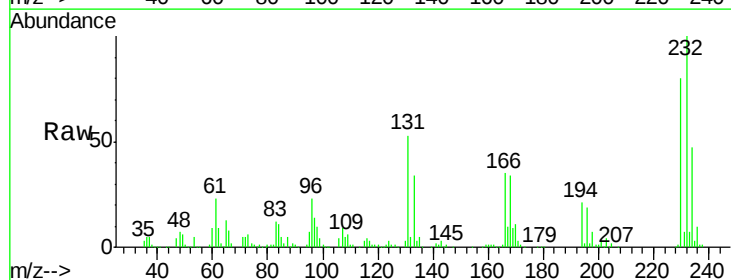
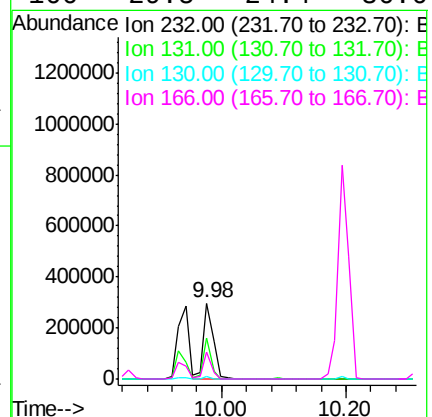
Ion Ratio Lower Upper

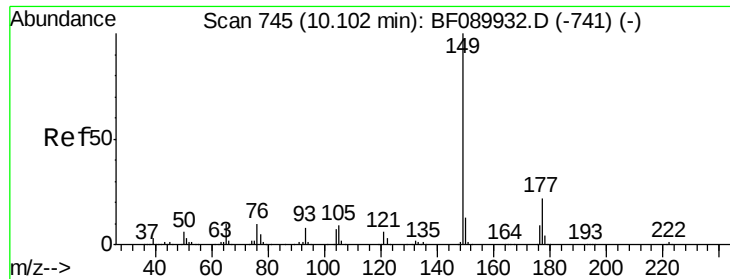
232 100

131 42.4 36.3 54.5

130 2.0 1.7 2.5

166 29.5 24.4 36.6





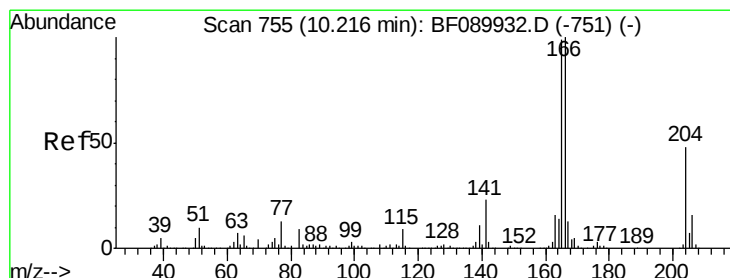
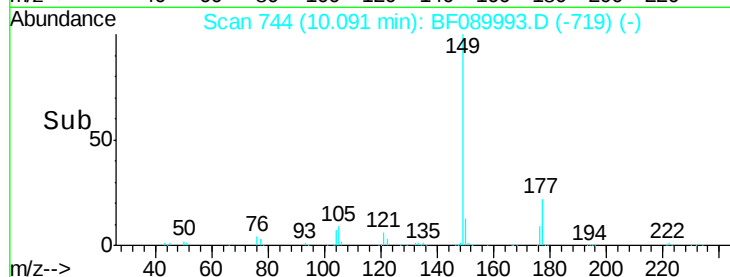
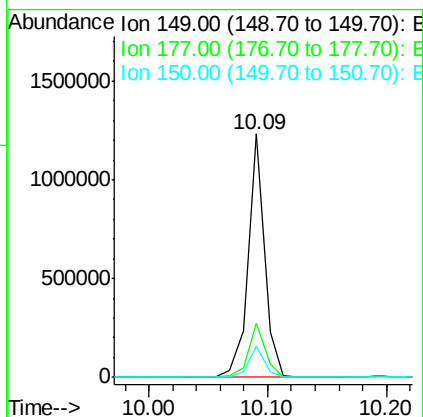
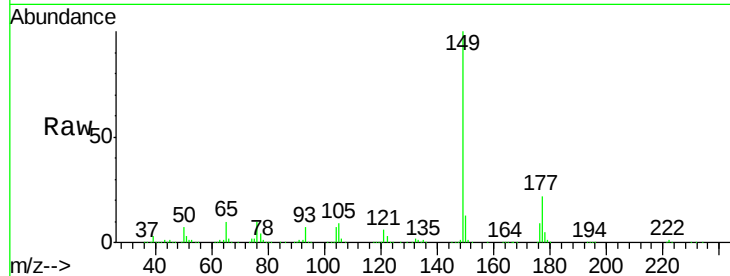
#59
Diethylphthalate
Concen: 39.50 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB93246BS

Tgt Ion:149 Resp: 1195793
Ion Ratio Lower Upper
149 100
177 22.5 17.7 26.5
150 12.9 10.2 15.2

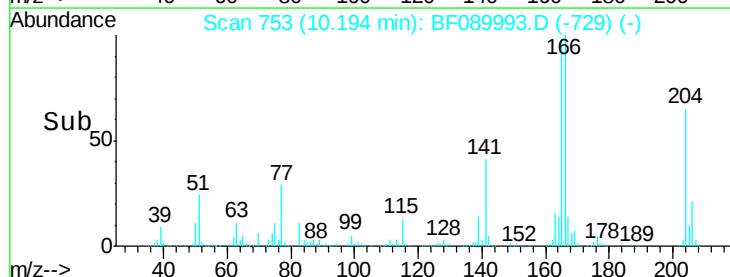
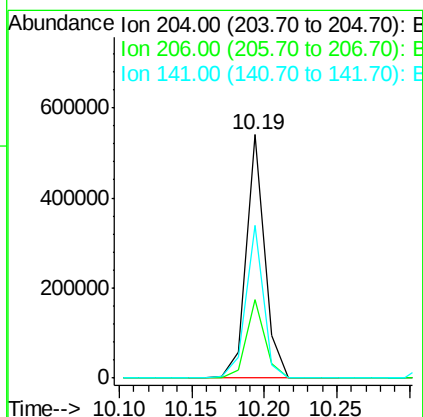
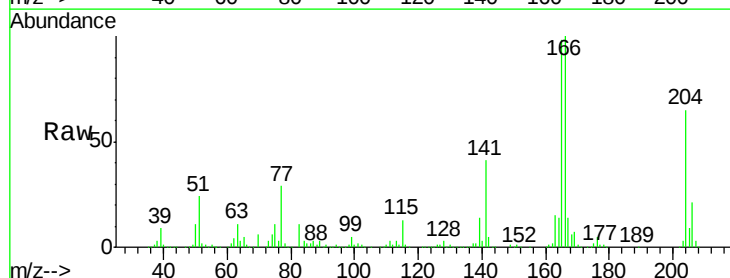
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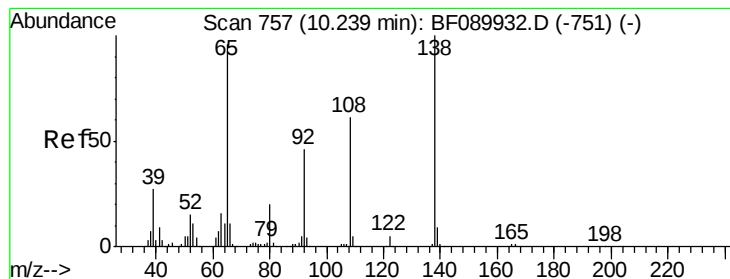
sohil
9/7/2016 8:50:32 AM



#60
4-Chlorophenyl-phenylether
Concen: 39.18 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion:204 Resp: 479717
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 62.8 36.5 54.7#





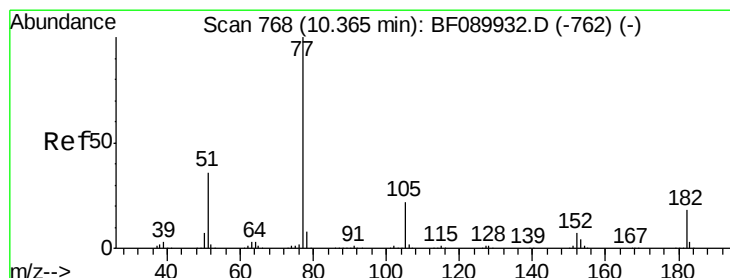
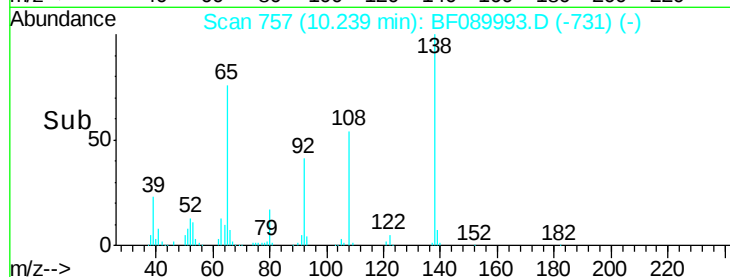
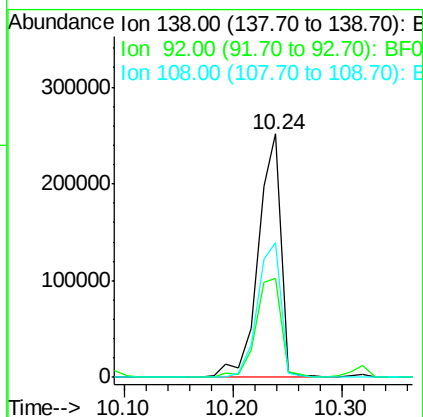
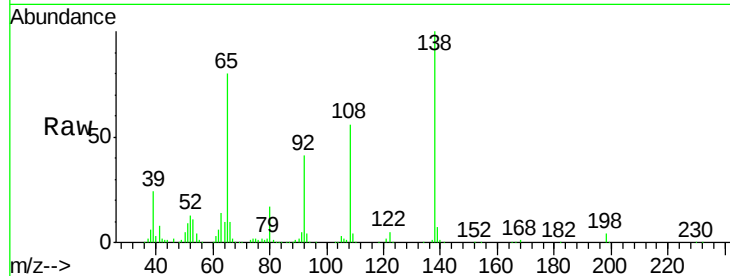
#61
4-Nitroaniline
Concen: 45.82 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB93246BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	40.8	21.2	61.2
108	55.6	37.7	77.7

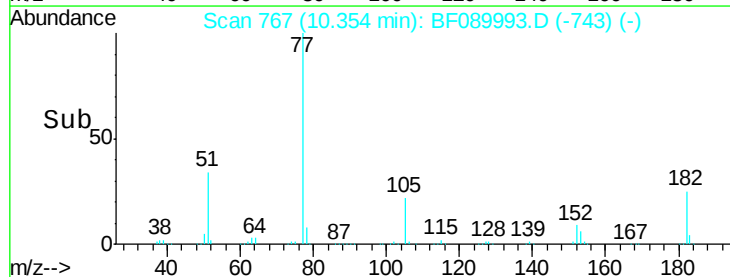
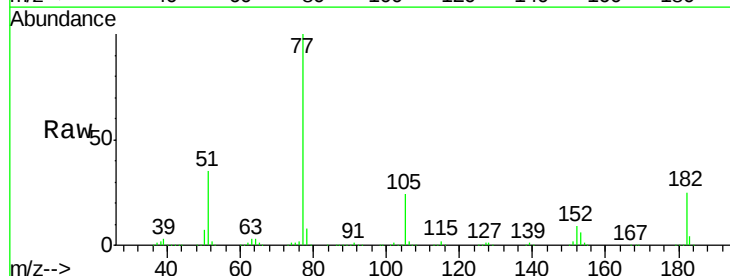
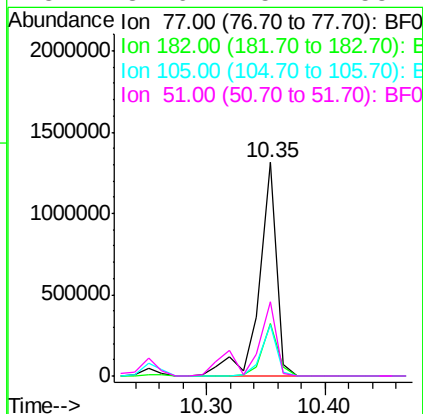
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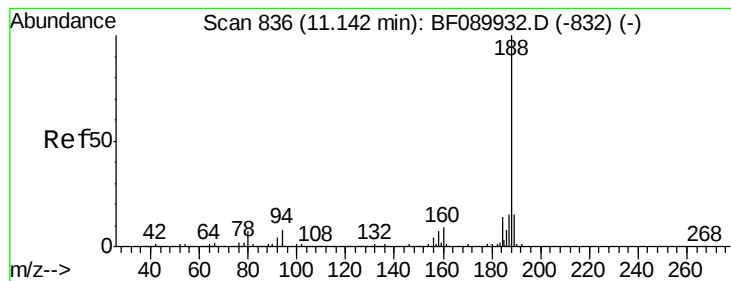
sohil
9/7/2016 8:50:32 AM



#62
Azobenzene
Concen: 44.26 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.8	0.0	38.6
105	23.9	2.3	42.3
51	34.6	15.1	55.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 834

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

PB93246BS

Tgt Ion:188 Resp: 819957
Ion Ratio Lower Upper

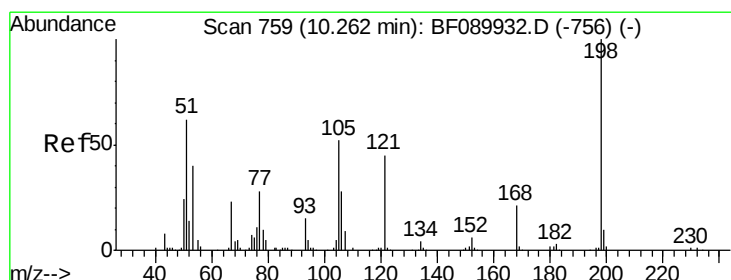
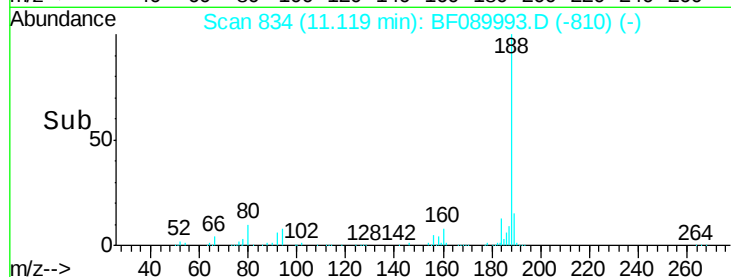
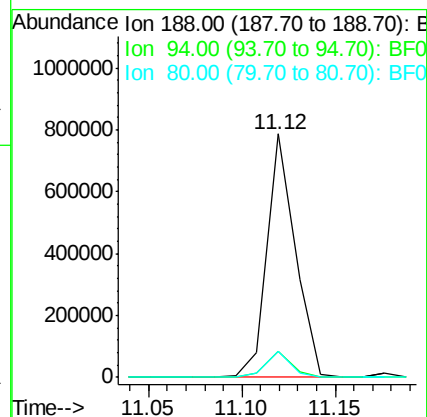
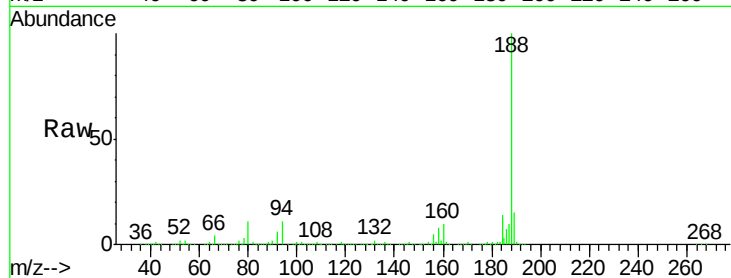
188 100

94 10.6 5.9 8.9#

80 10.8 5.8 8.8#

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 47.65 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF089993.D

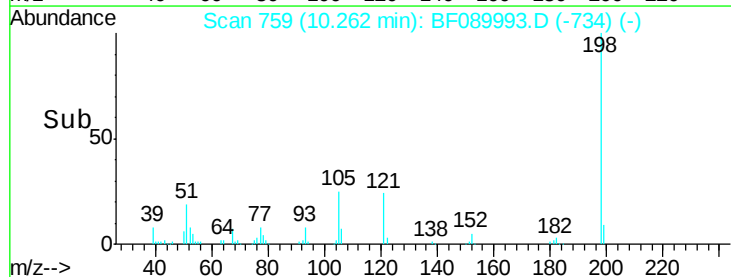
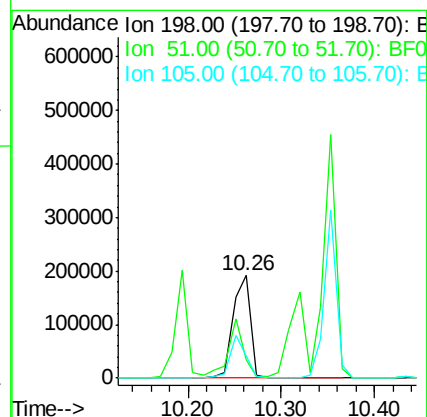
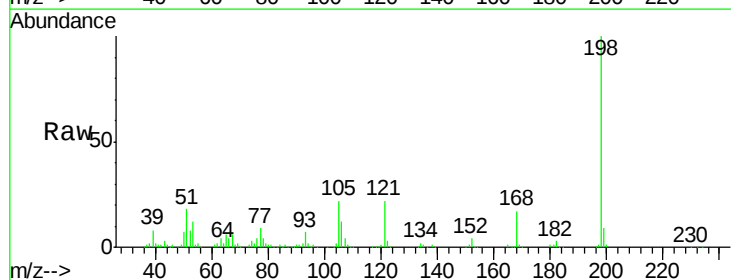
Acq: 6 Sep 2016 17:33

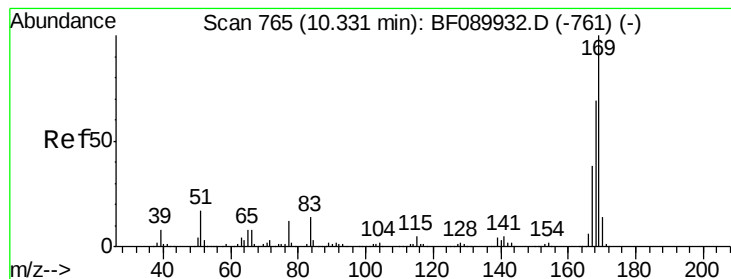
Tgt Ion:198 Resp: 250141
Ion Ratio Lower Upper

198 100

51 17.7 43.0 83.0#

105 22.1 30.3 70.3#





#65

n-Nitrosodiphenylamine

Concen: 44.43 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

PB93246BS

Tgt Ion:169 Resp: 1095145

Ion Ratio Lower Upper

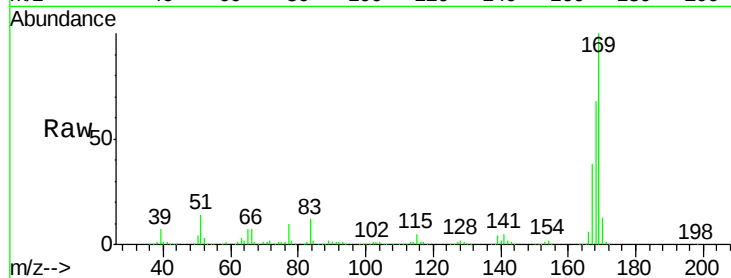
169 100

168 67.6 55.0 82.4

167 37.9 30.5 45.7

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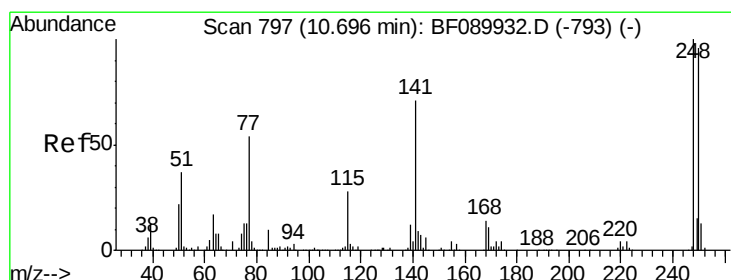
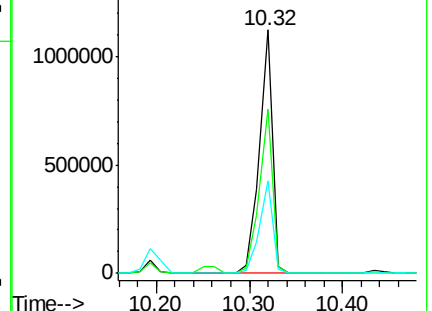
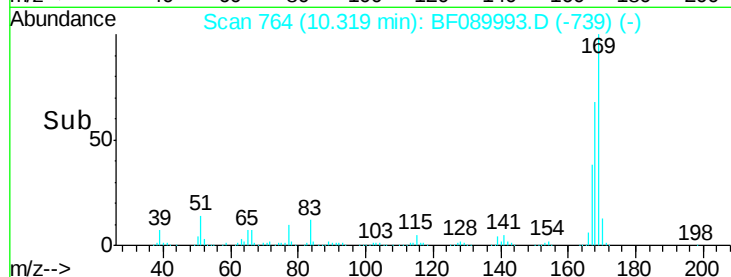
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.24 ng

RT: 10.69 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

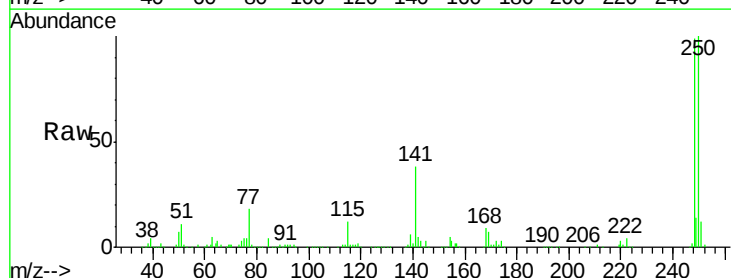
Tgt Ion:248 Resp: 381724

Ion Ratio Lower Upper

248 100

250 101.4 77.3 115.9

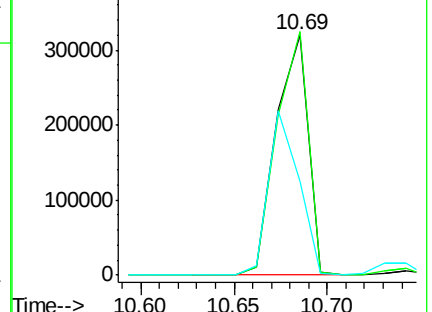
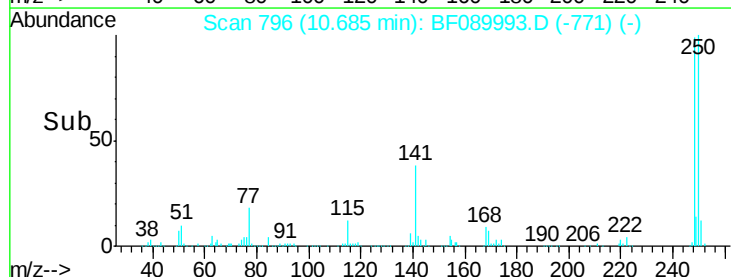
141 39.0 55.8 83.8#

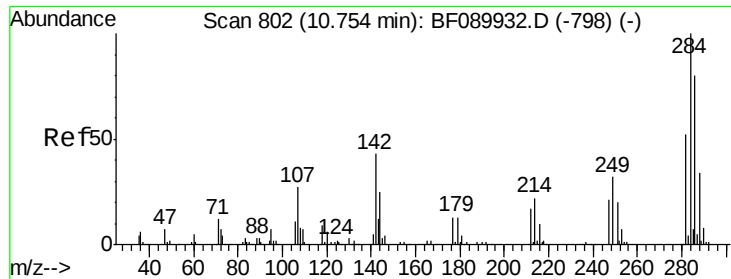


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





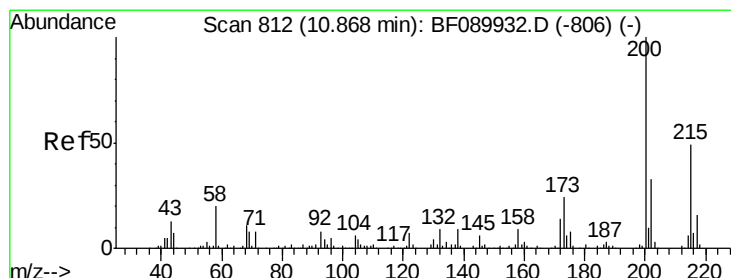
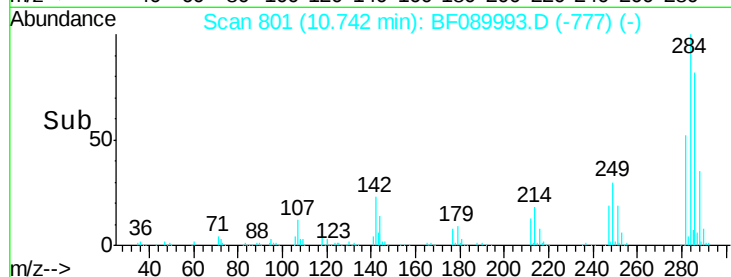
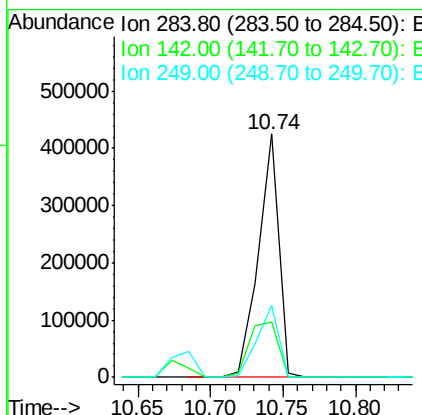
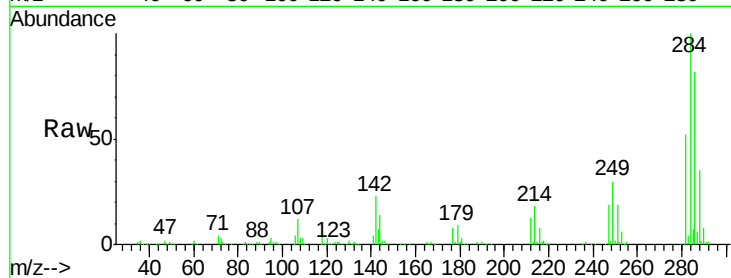
#67
Hexachlorobenzene
Concen: 44.27 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB93246BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	417442		
142	22.9	32.7	49.1#	
249	29.9	26.9	40.3	

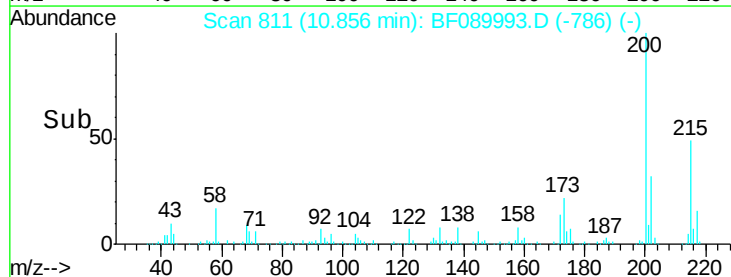
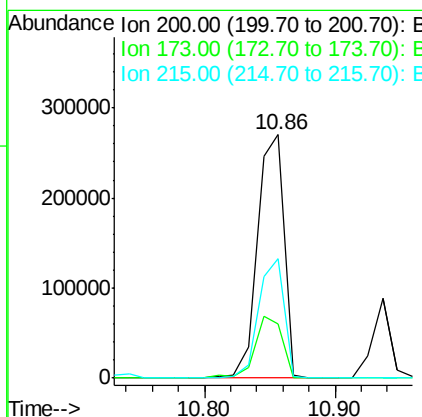
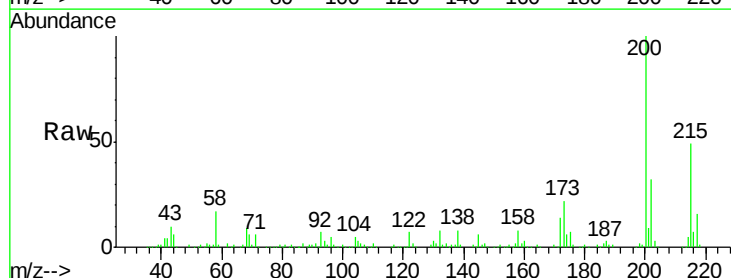
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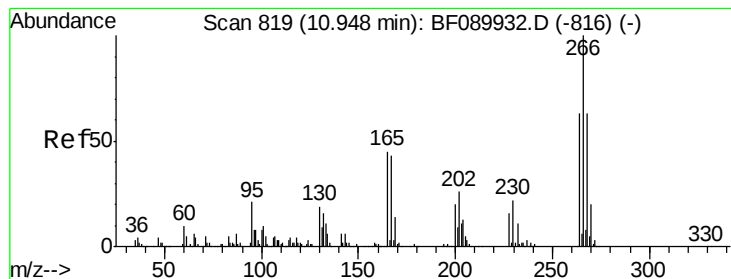
sohil
9/7/2016 8:50:32 AM



#68
Atrazine
Concen: 46.64 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	383814		
173	22.0	9.4	49.4	
215	49.3	24.5	64.5	





#69

Pentachlorophenol

Concen: 83.60 ng

RT: 10.94 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

PB93246BS

Tgt Ion:266 Resp: 424059

Ion Ratio Lower Upper

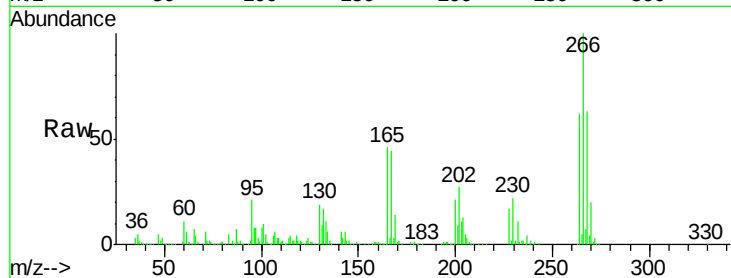
266 100

268 63.4 51.0 76.6

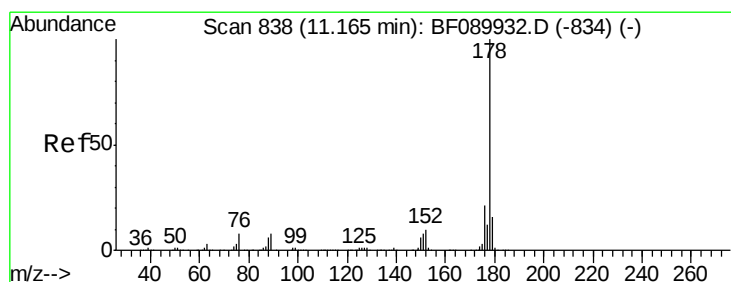
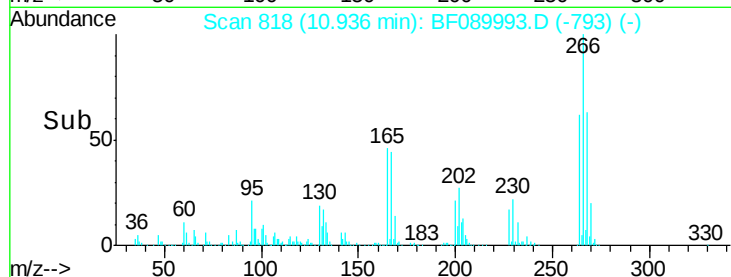
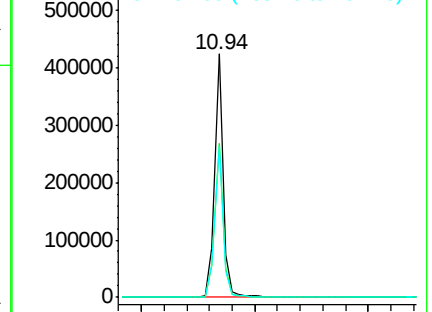
264 62.4 50.6 75.8

Manual Integrations
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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 45.08 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

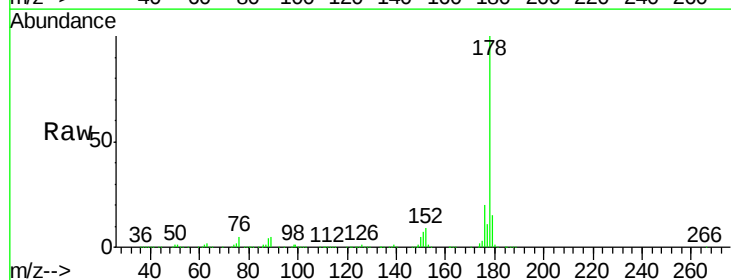
Tgt Ion:178 Resp: 1840708

Ion Ratio Lower Upper

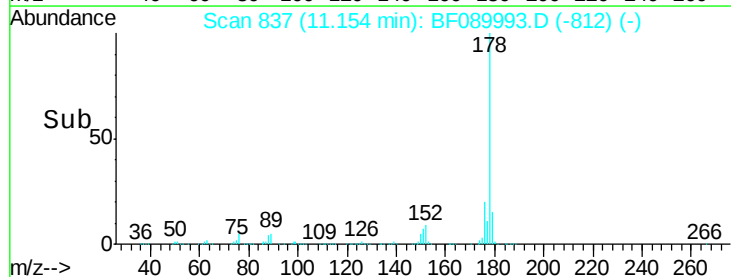
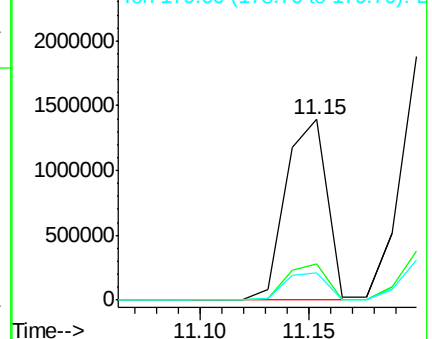
178 100

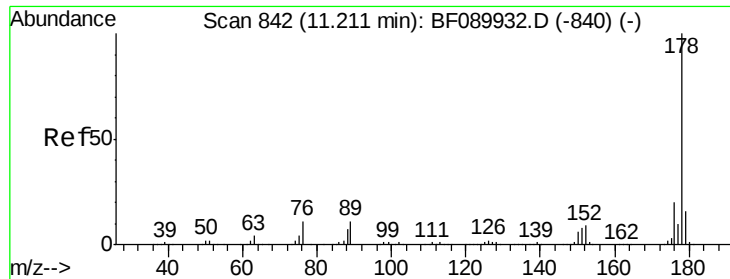
176 20.1 16.5 24.7

179 15.3 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





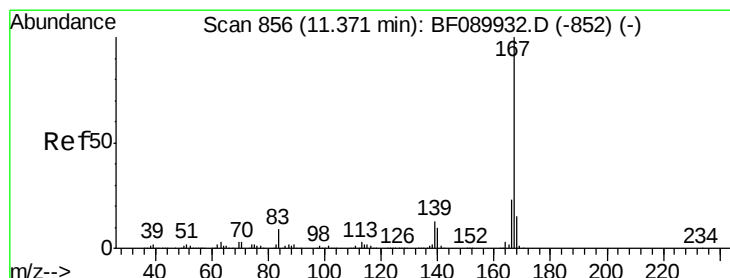
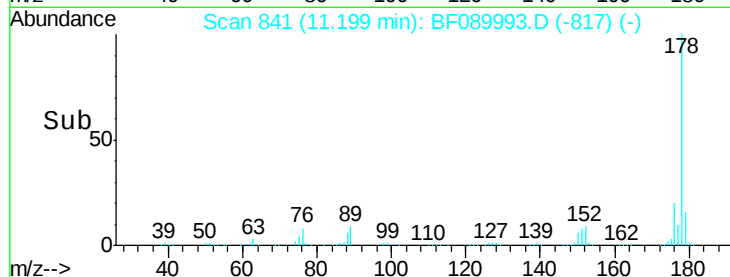
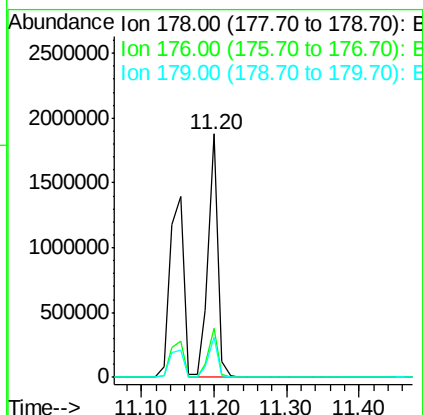
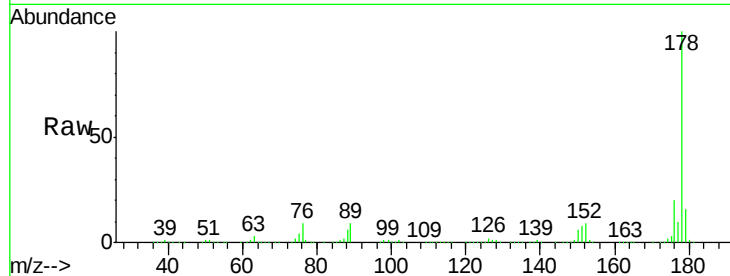
#71
 Anthracene
 Concen: 42.61 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB93246BS

Tgt Ion:178 Resp: 1764666
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 16.4 13.0 19.4

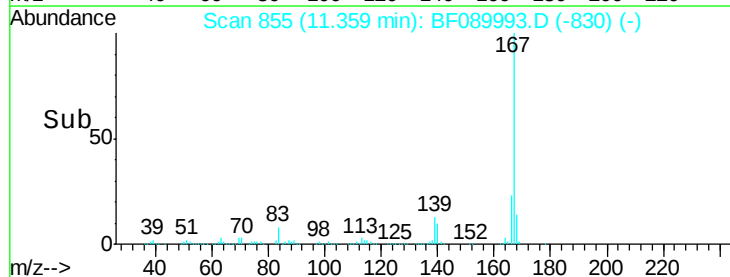
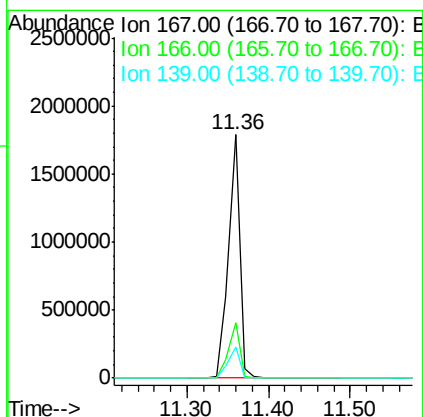
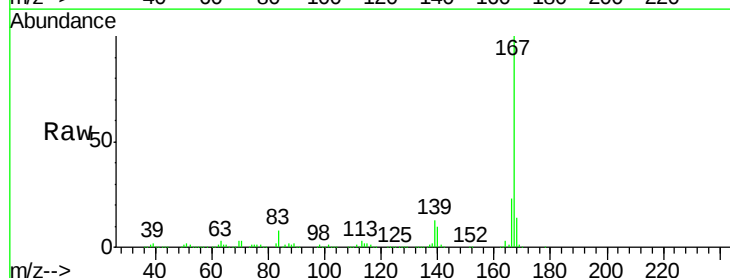
Manual Integrations
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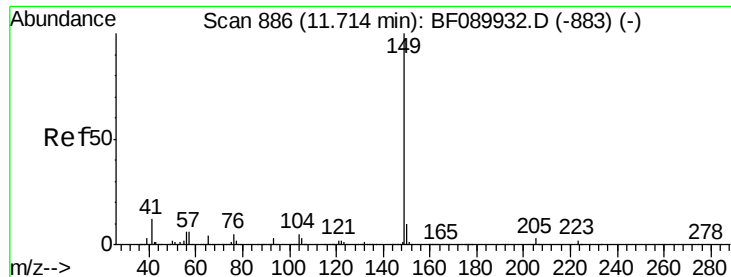
sohil
 9/7/2016 8:50:32 AM



#72
 Carbazole
 Concen: 44.08 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Tgt Ion:167 Resp: 1711804
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 13.0 10.4 15.6





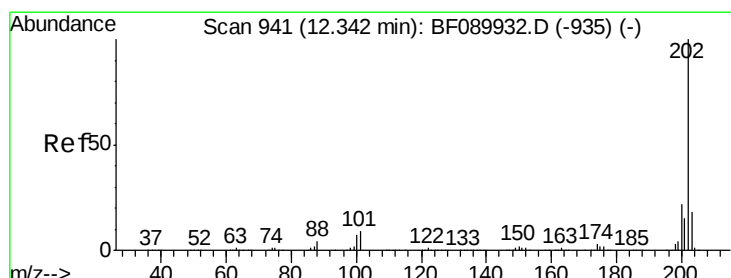
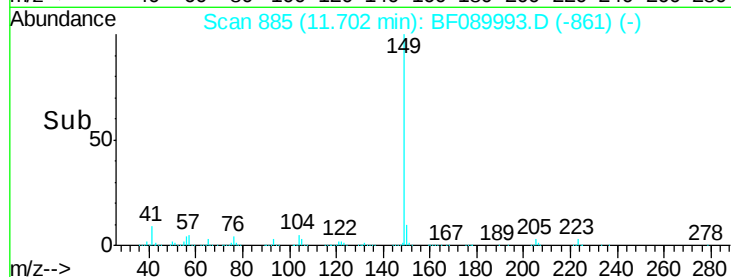
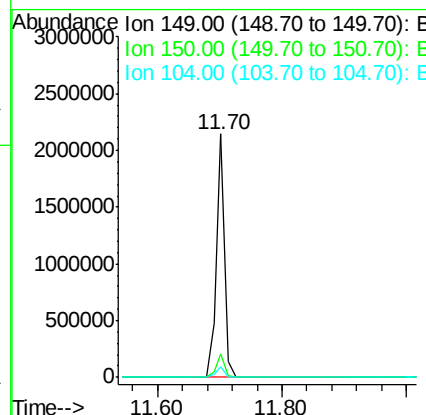
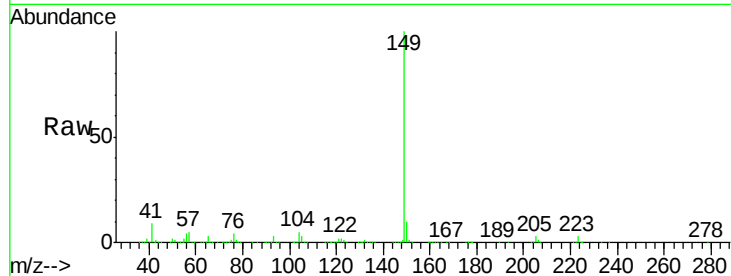
#73
Di-n-butylphthalate
Concen: 42.57 ng
RT: 11.70 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB93246BS

Tgt Ion:149 Resp: 1926898
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.8
104 4.5 3.9 5.9

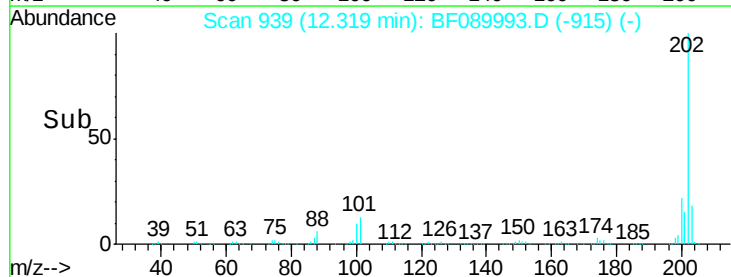
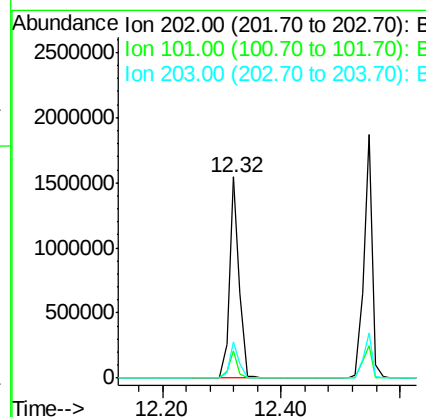
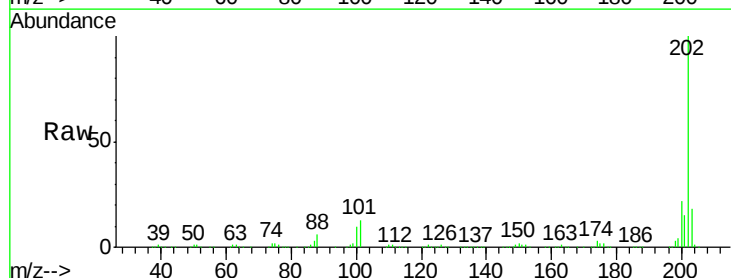
Manual Integrations
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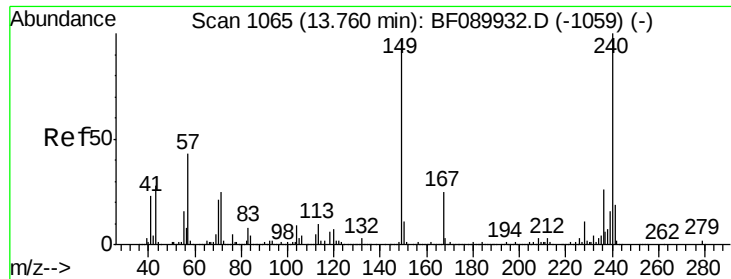
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#74
Fluoranthene
Concen: 40.36 ng
RT: 12.32 min Scan# 939
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion:202 Resp: 1726946
Ion Ratio Lower Upper
202 100
101 13.3 0.0 28.5
203 18.1 0.0 38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

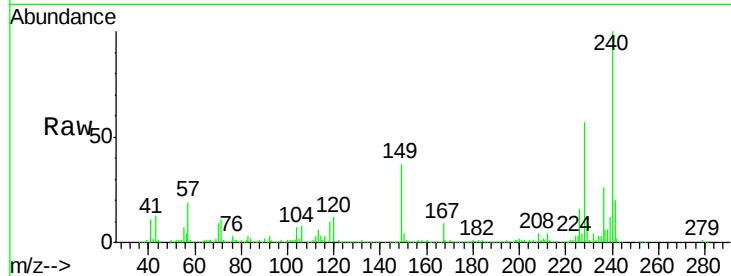
ClientSampleId :

PB93246BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	5.7	8.5#
236	26.4	21.3	31.9

Manual Integrations
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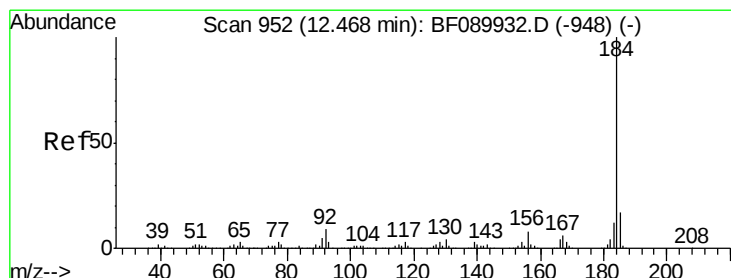
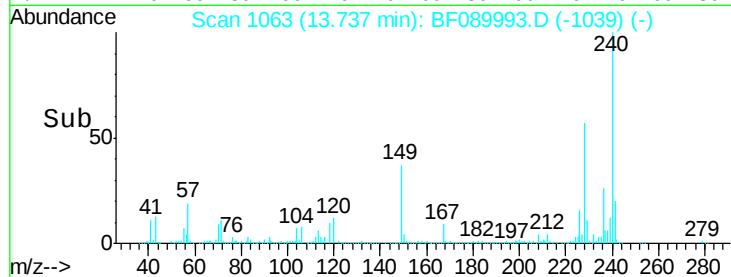
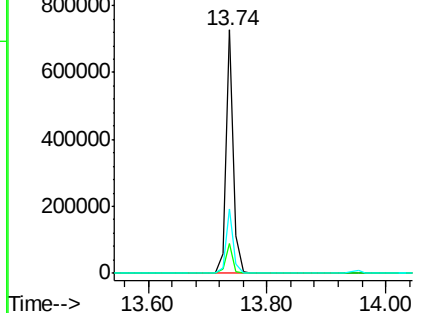
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.15 ng

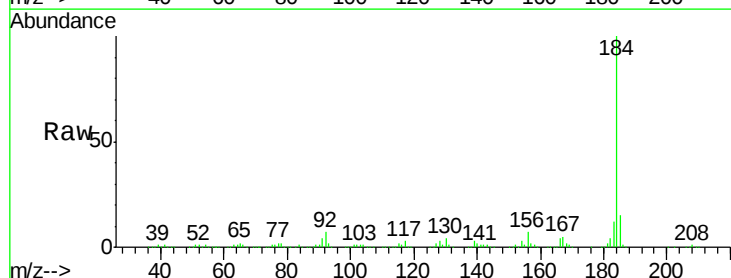
RT: 12.46 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

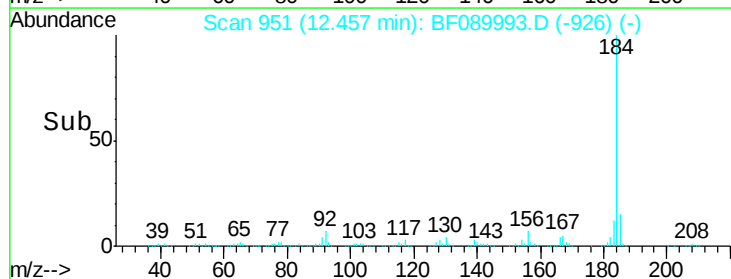
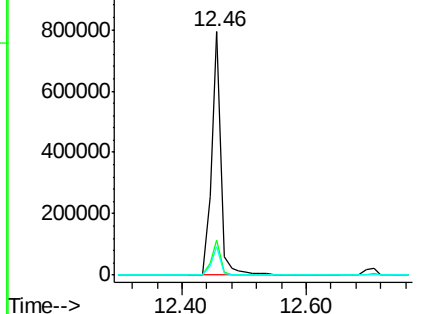
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.8	20.8
183	11.8	9.6	14.4

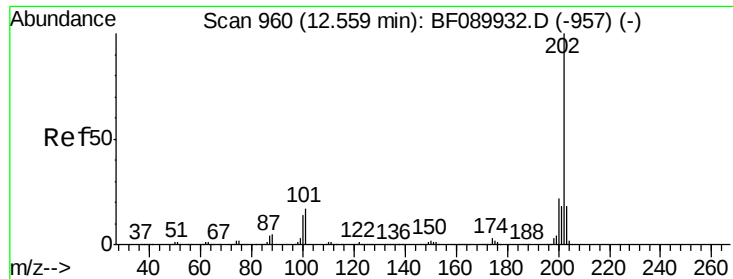


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.30 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

PB93246BS

Tgt Ion:202 Resp: 1836240

Ion Ratio Lower Upper

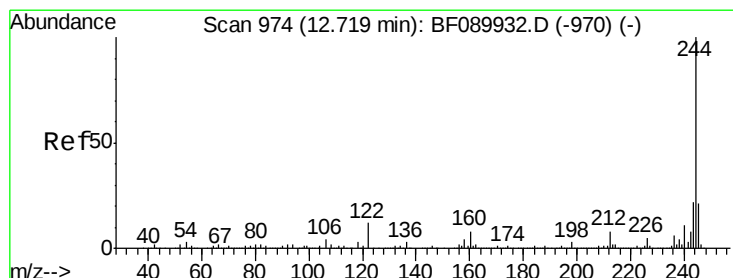
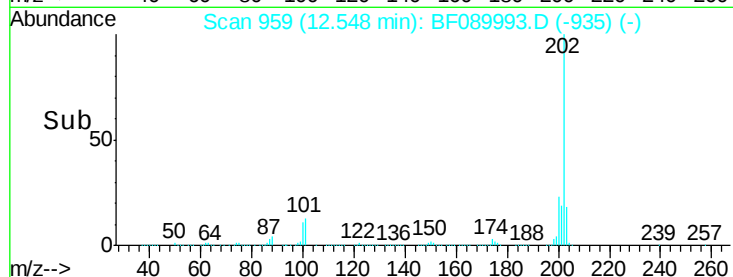
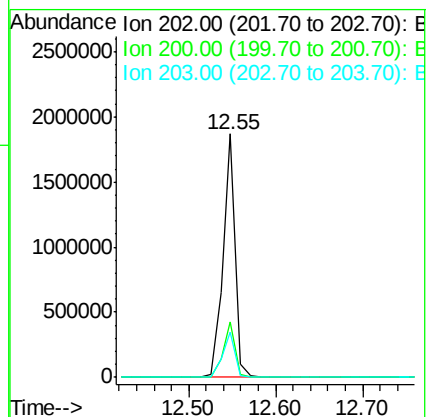
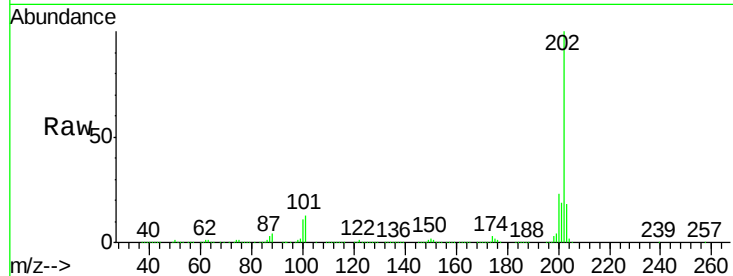
202 100

200 22.9 17.6 26.4

203 18.4 14.6 21.8

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#78

Terphenyl-d14

Concen: 84.04 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

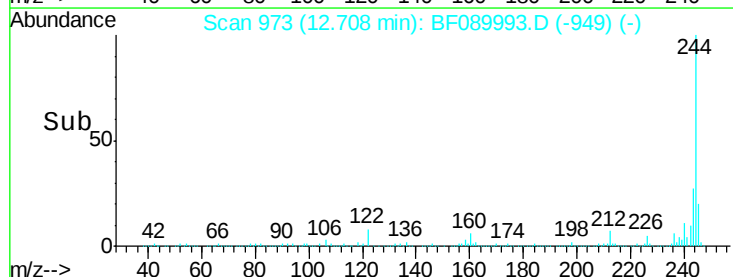
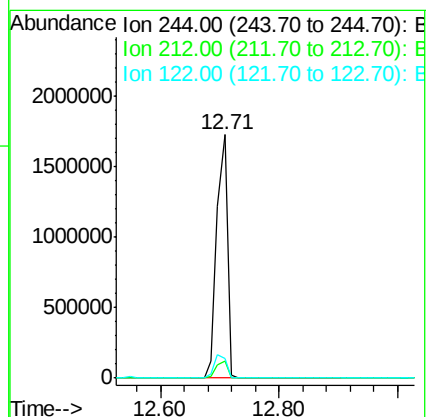
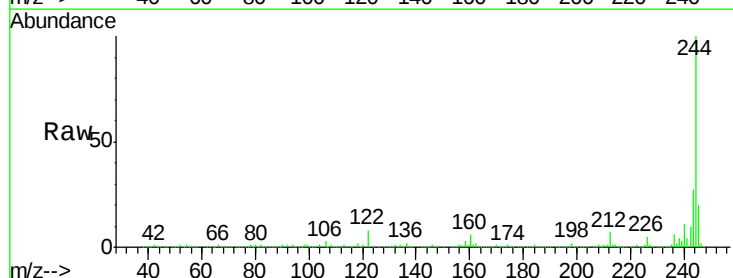
Tgt Ion:244 Resp: 2145550

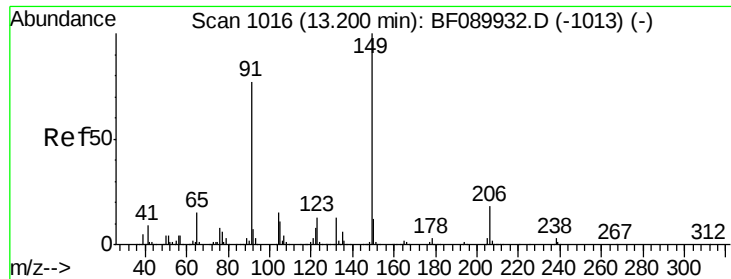
Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 8.2 9.6 14.4#





#79

Butylbenzylphthalate

Concen: 47.45 ng

RT: 13.19 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

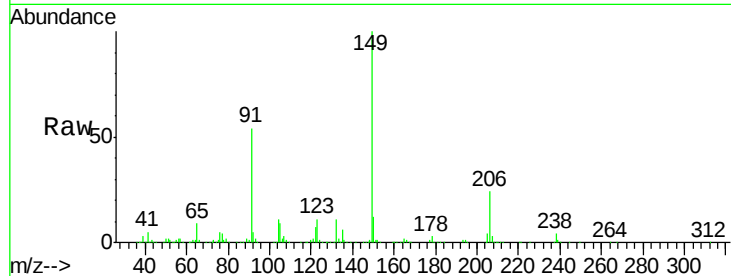
ClientSampleId :

PB93246BS

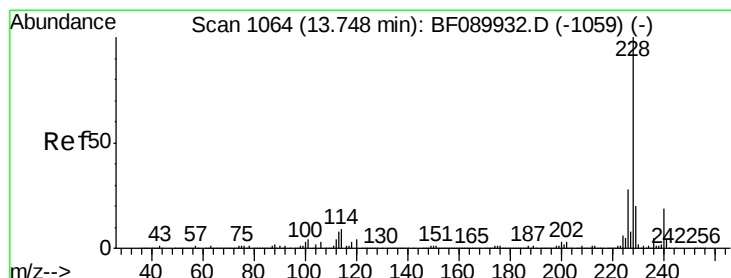
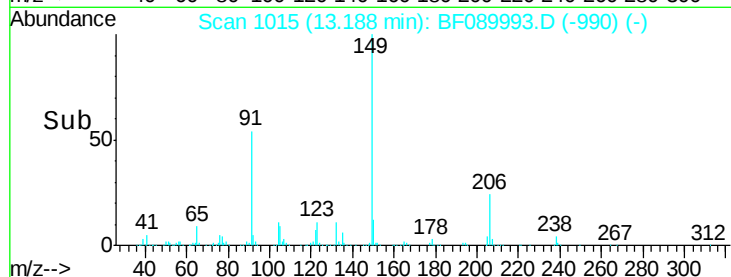
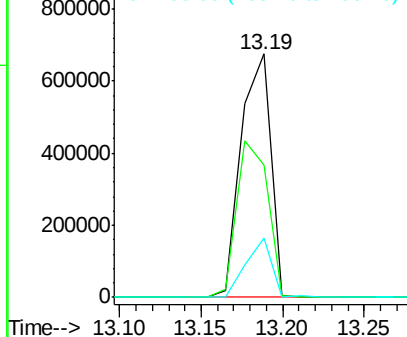
Tgt Ion:	149	Resp:	850794
Ion Ratio	Lower	Upper	
149	100		
91	54.5	60.0	90.0#
206	24.1	15.1	22.7#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.17 ng

RT: 13.73 min Scan# 1062

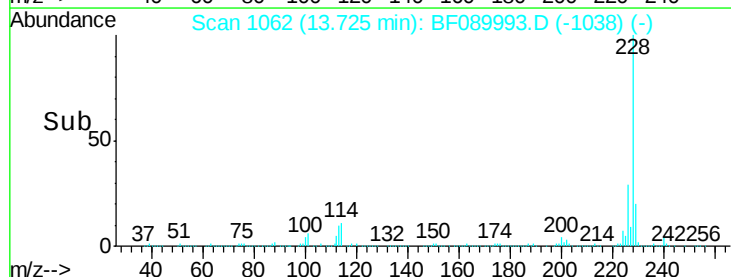
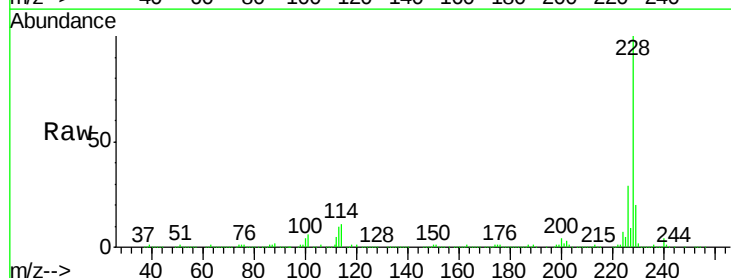
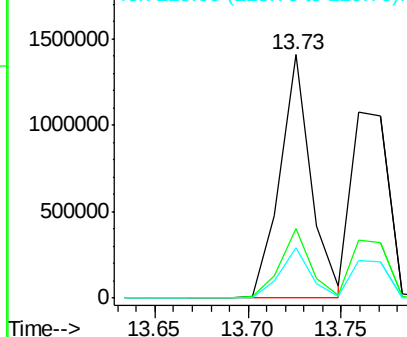
Delta R.T. -0.02 min

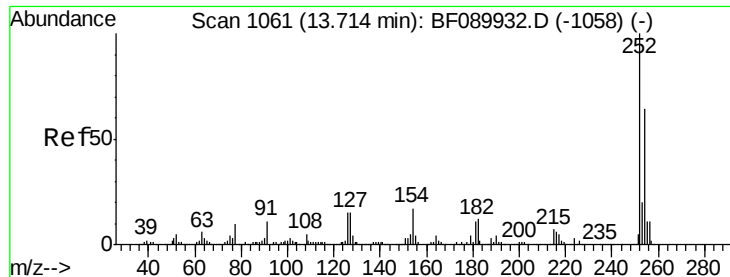
Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Tgt Ion:	228	Resp:	1628747
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.2	33.2
229	20.4	15.8	23.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





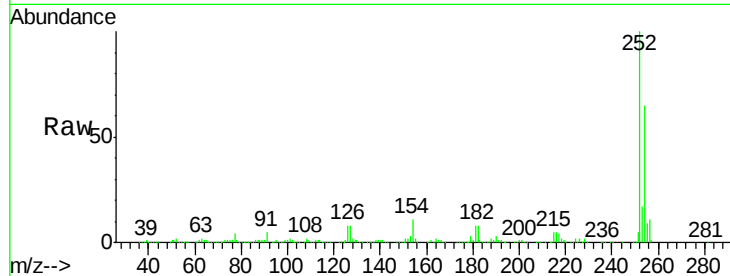
#81
 3,3'-Dichlorobenzidine
 Concen: 26.00 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Instrument :
 BNA_F
 ClientSampled :
 PB93246BS

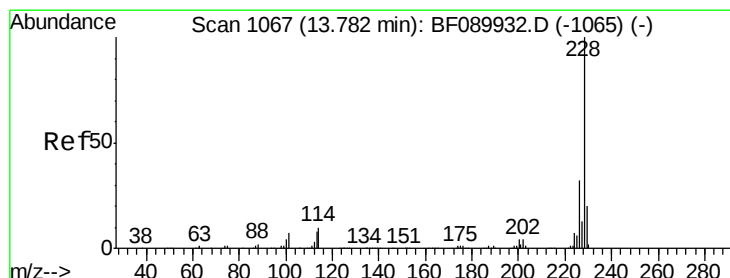
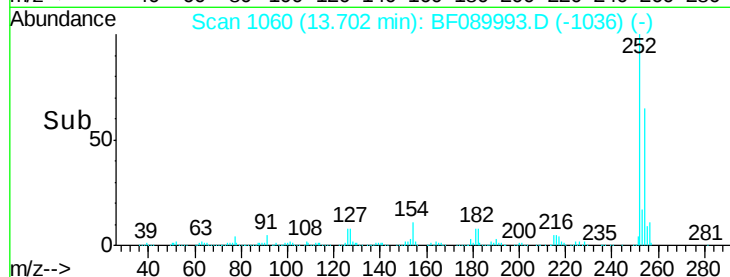
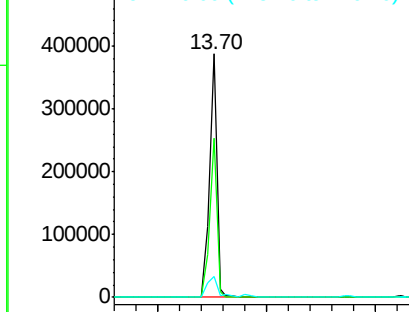
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.3	76.9
126	8.4	12.3	18.5

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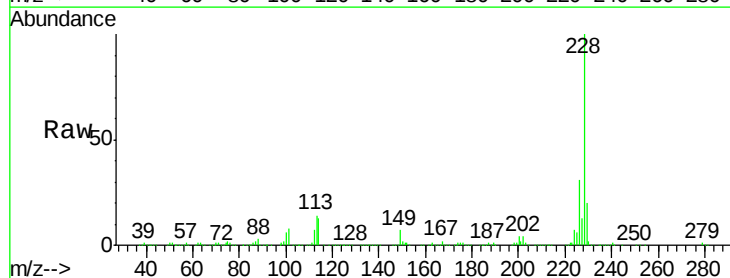


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

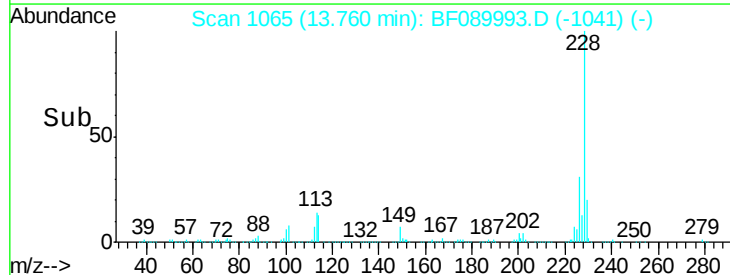
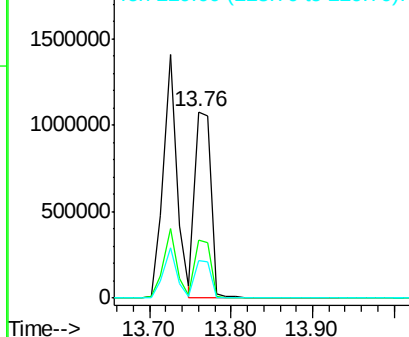


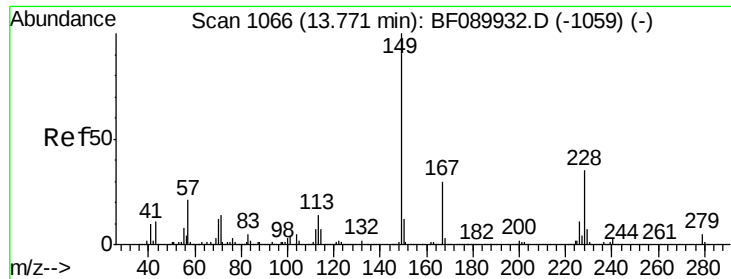
#82
 Chrysene
 Concen: 41.62 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.2	37.8
229	20.4	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.61 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

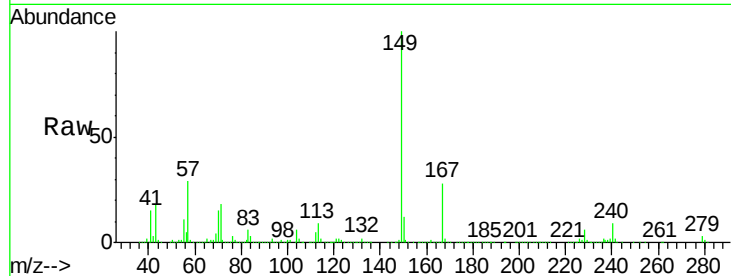
ClientSampleId :

PB93246BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.6	35.4
279	3.4	3.4	5.2

Manual Integrations
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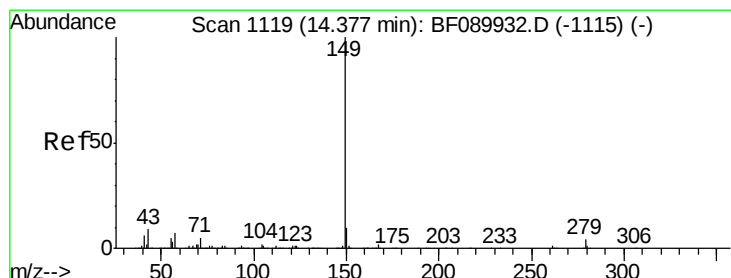
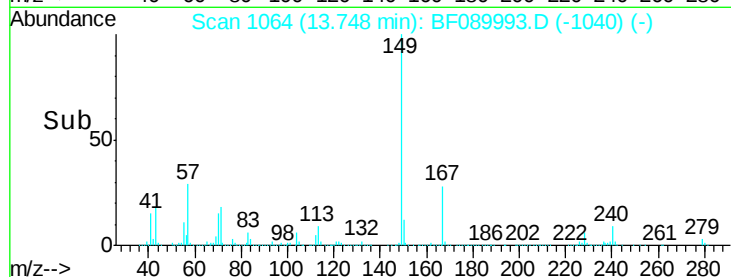
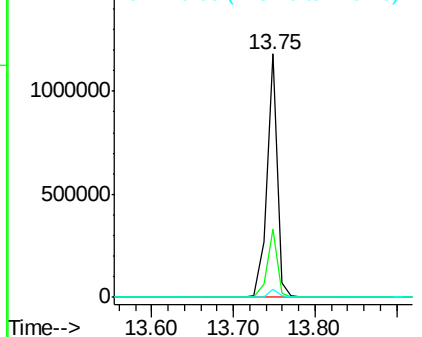


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.60 ng

RT: 14.35 min Scan# 1117

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

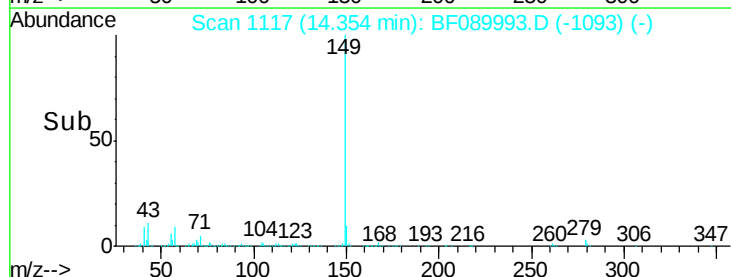
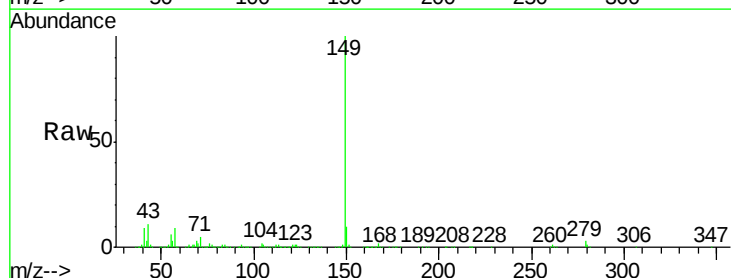
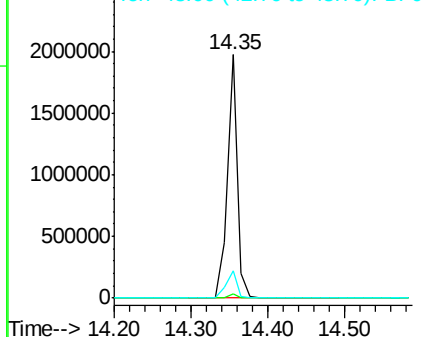
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.2	9.3	13.9

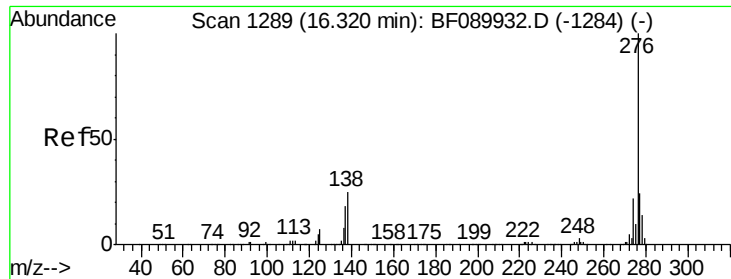
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





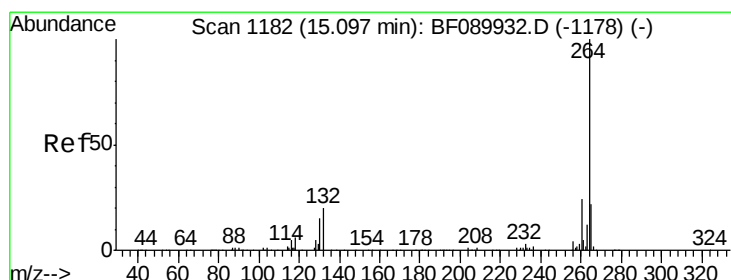
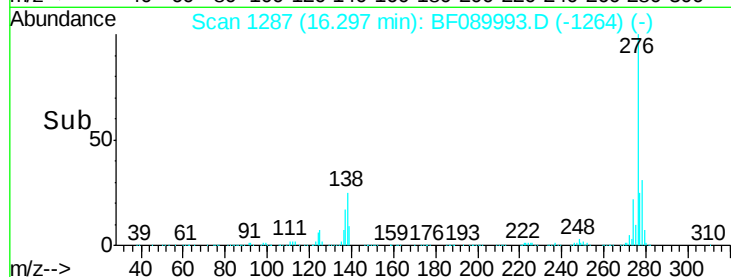
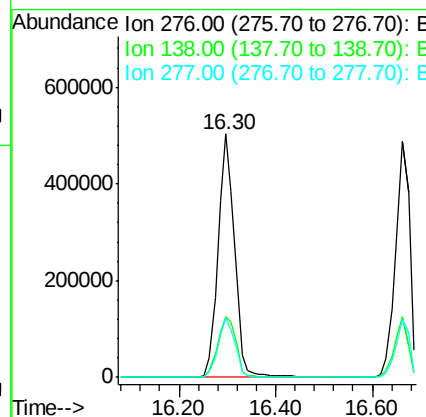
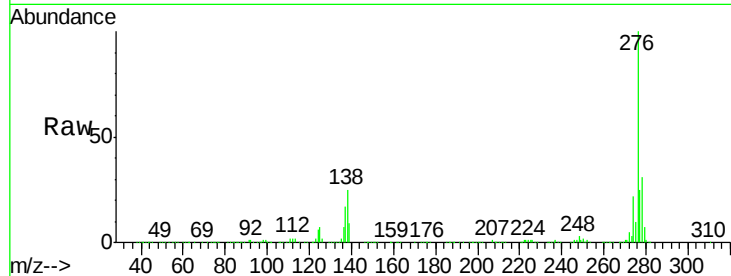
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.56 ng
 RT: 16.30 min Scan# 1287
 Delta R.T. -0.03 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB93246BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	22.6	34.0
277	25.0	20.1	30.1

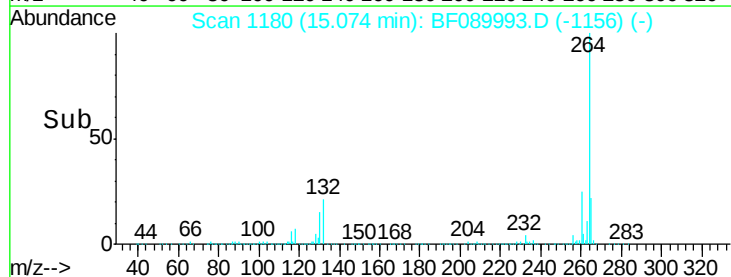
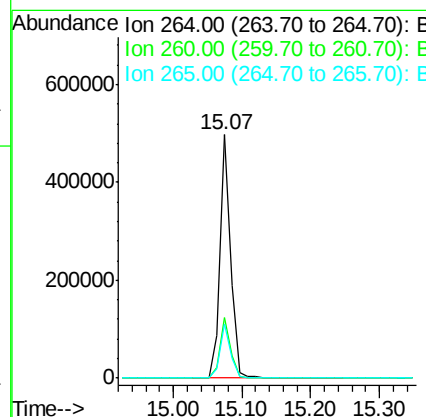
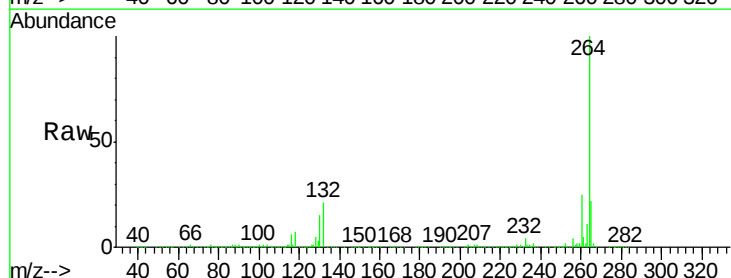
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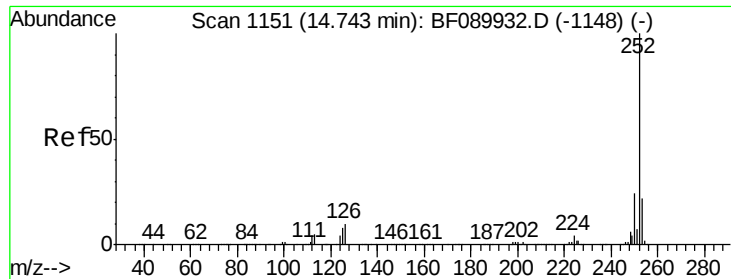
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF089993.D
 Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	22.2	17.4	26.2





#87

Benzo(b)fluoranthene

Concen: 44.25 ng m

RT: 14.72 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

PB93246BS

Tgt Ion:252 Resp: 1526476

Ion Ratio Lower Upper

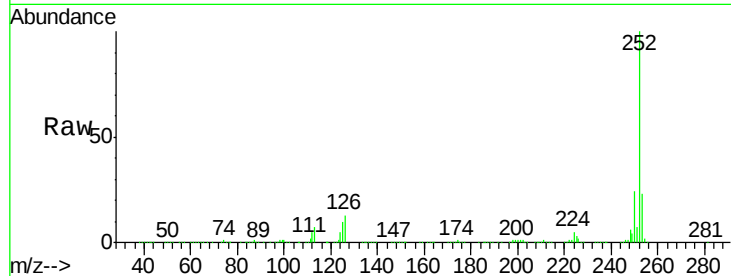
252 100

253 22.6 18.0 27.0

125 9.8 5.7 8.5#

Manual Integrations
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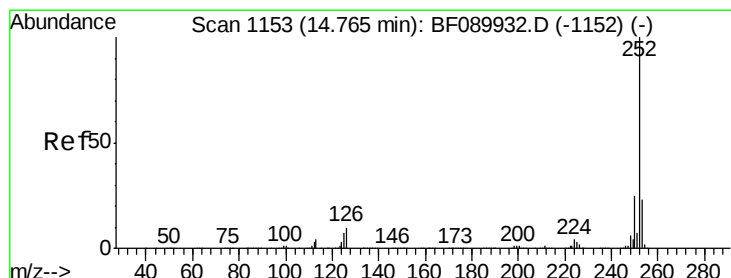
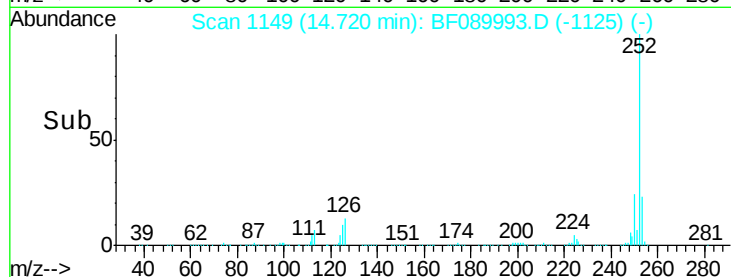
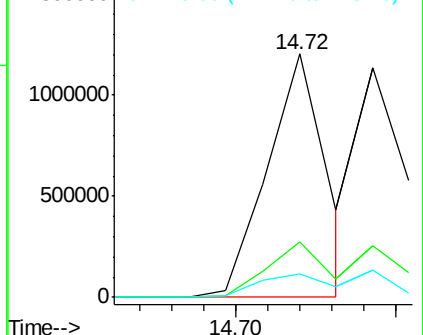
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.56 ng m

RT: 14.74 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Tgt Ion:252 Resp: 1216653

Ion Ratio Lower Upper

252 100

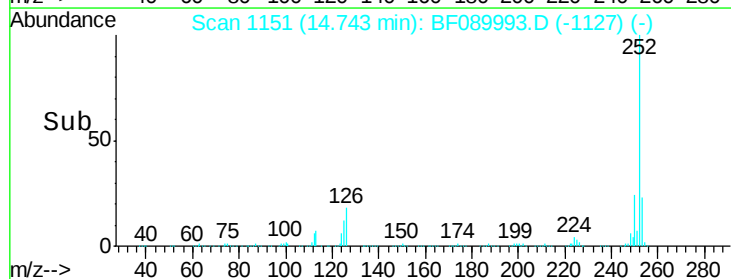
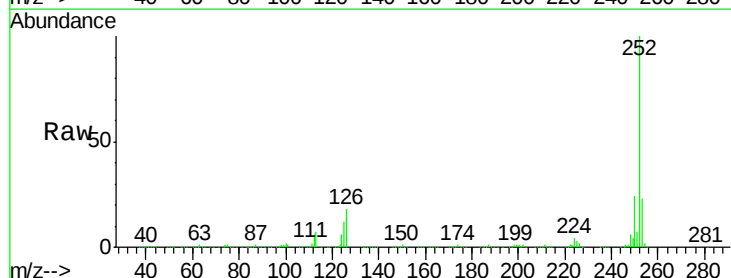
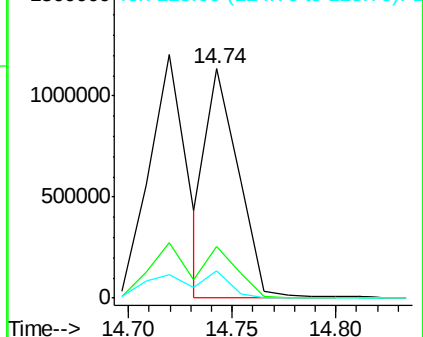
253 22.6 17.8 26.8

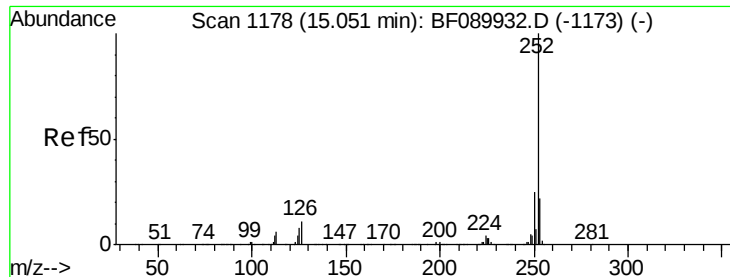
125 12.1 7.3 10.9#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





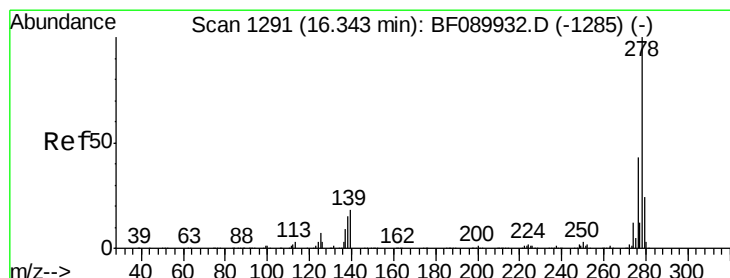
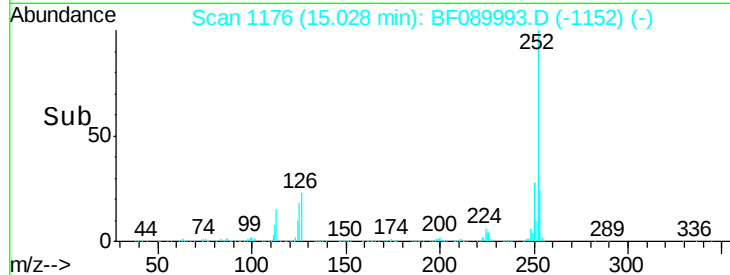
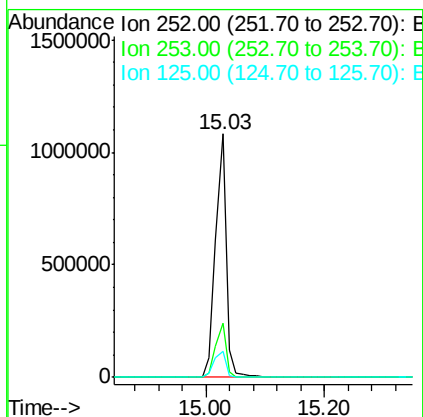
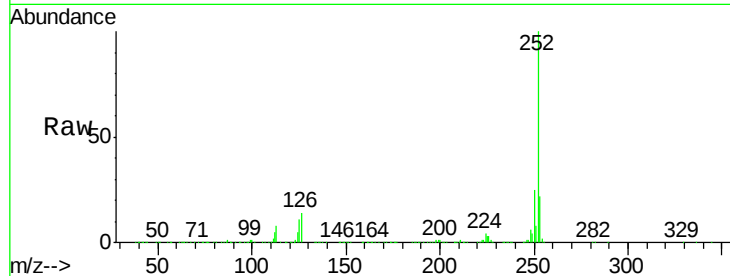
#89
Benzo(a)pyrene
Concen: 45.27 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Instrument :
BNA_F
ClientSampleId :
PB93246BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.7	6.3	9.5

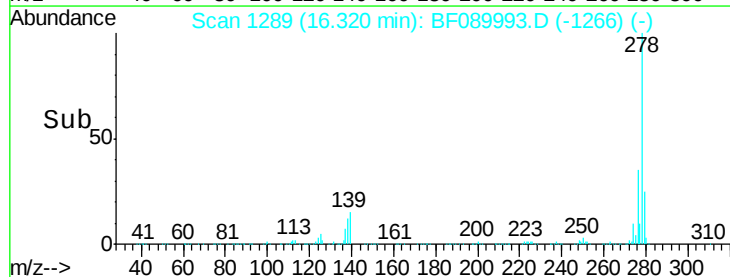
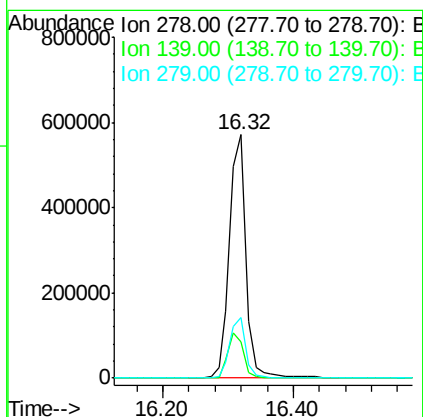
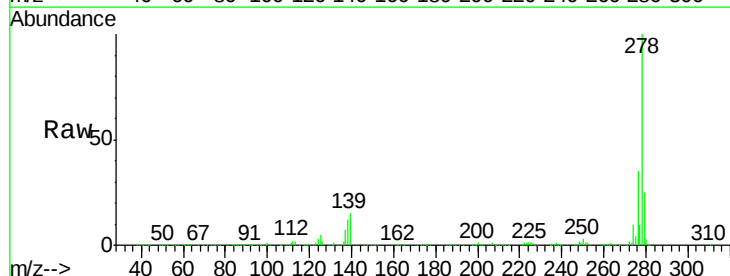
Manual Integrations
APPROVED

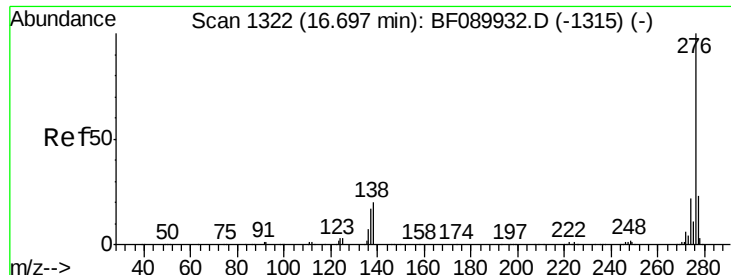
sohil
9/7/2016 8:50:32 AM



#90
Dibenzo(a,h)anthracene
Concen: 46.42 ng
RT: 16.32 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BF089993.D
Acq: 6 Sep 2016 17:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	13.4	20.2
279	24.7	19.4	29.2





#91

Benzo(g,h,i)perylene

Concen: 46.33 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.05 min

Lab File: BF089993.D

Acq: 6 Sep 2016 17:33

Instrument :

BNA_F

ClientSampleId :

PB93246BS

Tgt Ion: 276 Resp: 1009880

Ion Ratio Lower Upper

276 100

277 24.5 19.0 28.4

138 25.6 16.4 24.6#

Manual Integrations
APPROVED

sohil
9/7/2016 8:50:32 AM

