

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090116\
 Data File : BF089965.D
 Acq On : 1 Sep 2016 12:11
 Operator : UM/SJ
 Sample : PB93161BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BS

Manual Integrations
 APPROVED

sohil
 9/2/2016 2:08:42 AM

Quant Time: Sep 01 14:05:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	181337	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	684145	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	336064	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	572920	20.00	ng	0.00
75) Chrysene-d12	13.76	240	408444	20.00	ng	0.00
86) Perylene-d12	15.10	264	408730	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1363039	120.31	ng	0.01
7) Phenol-d6	6.28	99	1624476	118.01	ng	0.01
23) Nitrobenzene-d5	7.21	82	1056980	89.60	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	387412	116.85	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1895767	92.60	ng	0.00
78) Terphenyl-d14	12.72	244	1358724	82.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	202170	37.66	ng	97
3) Pyridine	2.80	79	546811	38.18	ng	97
4) n-Nitrosodimethylamine	2.76	42	321778	45.56	ng	95
6) Aniline	6.30	93	478149	25.46	ng	# 53
8) 2-Chlorophenol	6.42	128	538229	43.79	ng	94
9) Benzaldehyde	6.17	77	100383	11.30	ng	87
10) Phenol	6.30	94	555504	34.70	ng	93
11) bis(2-Chloroethyl)ether	6.39	93	543394	44.86	ng	85
12) 1,3-Dichlorobenzene	6.58	146	603869	43.99	ng	100
13) 1,4-Dichlorobenzene	6.65	146	581778	41.42	ng	100
14) 1,2-Dichlorobenzene	6.81	146	574558	45.63	ng	98
15) Benzyl Alcohol	6.79	79	389988	45.22	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1038138	44.95	ng	98
17) 2-Methylphenol	6.91	107	480807	48.98	ng	98
18) Hexachloroethane	7.15	117	207097	43.05	ng	95
19) n-Nitroso-di-n-propylamine	7.07	70	397150	44.27	ng	98
20) 3+4-Methylphenols	7.06	107	514493	43.24	ng	95
22) Acetophenone	7.05	105	650381	42.38	ng	# 94
24) Nitrobenzene	7.22	77	520052	41.47	ng	96
25) Isophorone	7.47	82	1077812	44.93	ng	100
26) 2-Nitrophenol	7.54	139	278979	46.54	ng	99
27) 2,4-Dimethylphenol	7.60	122	528235	47.63	ng	93
28) bis(2-Chloroethoxy)methane	7.69	93	713719	49.33	ng	99
29) 2,4-Dichlorophenol	7.78	162	456108	45.88	ng	97
30) 1,2,4-Trichlorobenzene	7.87	180	521724	48.00	ng	99
31) Naphthalene	7.94	128	1450997	42.57	ng	100
32) Benzoic acid	7.71	122	243349	32.58	ng	96
33) 4-Chloroaniline	8.00	127	281435	20.47	ng	95
34) Hexachlorobutadiene	8.07	225	284080	44.60	ng	98
35) Caprolactam	8.36	113	142194	45.31	ng	91
36) 4-Chloro-3-methylphenol	8.49	107	479980	45.59	ng	86
37) 2-Methylnaphthalene	8.64	142	1098552	48.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	375069	38.10	ng	100
40) Hexachlorocyclopentadiene	8.79	237	384782	76.23	ng	94

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Quant Time: Sep 01 14:05:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 11:55:18 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	324082	47.50	ng	99
43) 2,4,5-Trichlorophenol	8.96	196	316040	48.17	ng	# 91
45) 1,1'-Biphenyl	9.10	154	1040131	38.44	ng	99
46) 2-Chloronaphthalene	9.12	162	903846	47.22	ng	99
47) 2-Nitroaniline	9.22	65	313999	50.18	ng	# 60
48) Acenaphthylene	9.53	152	1385621	43.78	ng	100
49) Dimethylphthalate	9.40	163	1093147	45.00	ng	100
50) 2,6-Dinitrotoluene	9.46	165	234772	43.46	ng	96
51) Acenaphthene	9.70	154	950701	47.41	ng	100
52) 3-Nitroaniline	9.62	138	158126	25.66	ng	95
53) 2,4-Dinitrophenol	9.74	184	185741	58.19	ng	# 60
54) Dibenzofuran	9.87	168	1235741	45.99	ng	100
55) 4-Nitrophenol	9.79	139	344012	74.02	ng	# 63
56) 2,4-Dinitrotoluene	9.86	165	305689	44.62	ng	89
57) Fluorene	10.22	166	967343	49.27	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	260406	46.36	ng	96
59) Diethylphthalate	10.10	149	1020937	44.68	ng	100
60) 4-Chlorophenyl-phenylether	10.22	204	448065	48.49	ng	98
61) 4-Nitroaniline	10.24	138	259353	42.84	ng	98
62) Azobenzene	10.36	77	1062836	46.57	ng	99
64) 4,6-Dinitro-2-methylphenol	10.26	198	126477	34.48	ng	95
65) n-Nitrosodiphenylamine	10.33	169	821907	47.72	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	288558	50.03	ng	98
67) Hexachlorobenzene	10.75	284	291693	44.27	ng	97
68) Atrazine	10.87	200	289340	50.32	ng	91
69) Pentachlorophenol	10.95	266	295293	83.31	ng	98
70) Phenanthrene	11.16	178	1347735	47.24	ng	99
71) Anthracene	11.21	178	1318629	45.57	ng	99
72) Carbazole	11.37	167	1150165	42.39	ng	100
73) Di-n-butylphthalate	11.73	149	1519016	48.03	ng	# 97
74) Fluoranthene	12.34	202	1329535	44.47	ng	98
76) Benzidine	12.47	184	446143	28.83	ng	96
77) Pyrene	12.56	202	1283002	44.55	ng	99
79) Butylbenzylphthalate	13.20	149	552896	47.61	ng	97
80) Benzo(a)anthracene	13.75	228	1174220	46.94	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	319901	35.43	ng	98
82) Chrysene	13.78	228	1086848	46.51	ng	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	768621	47.85	ng	100
84) Di-n-octyl phthalate	14.38	149	1336055	51.53	ng	100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1095989	63.44	ng	99
87) Benzo(b)fluoranthene	14.74	252	1238986m	48.39	ng	
88) Benzo(k)fluoranthene	14.77	252	906210m	41.71	ng	
89) Benzo(a)pyrene	15.05	252	1075342	49.02	ng	# 97
90) Dibenzo(a,h)anthracene	16.35	278	937981	58.35	ng	100
91) Benzo(g,h,i)perylene	16.70	276	901233	55.70	ng	# 93

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

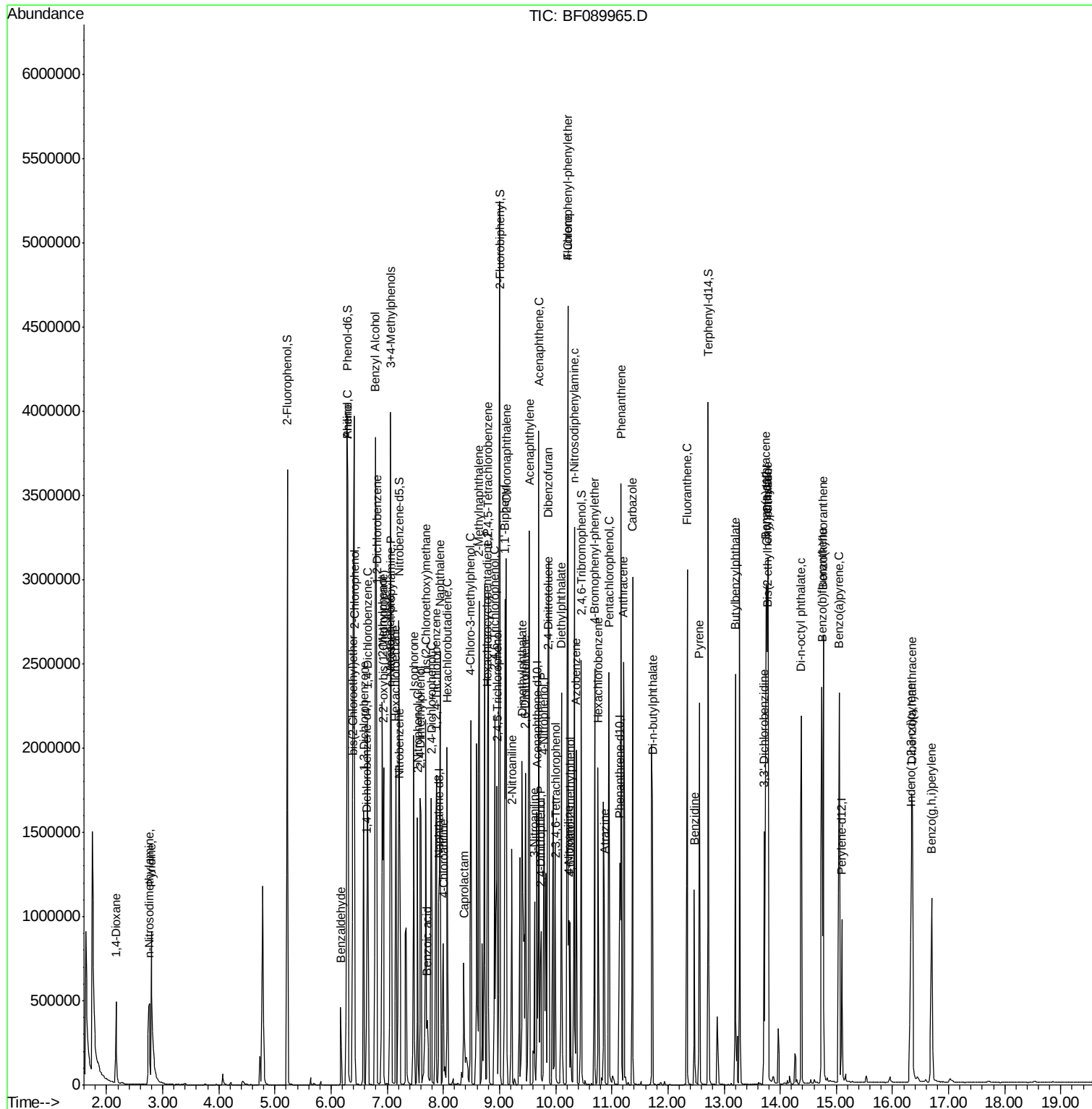
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090116\
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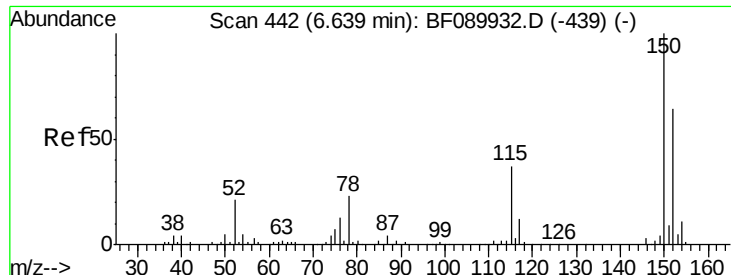
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 BNA_F
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#1

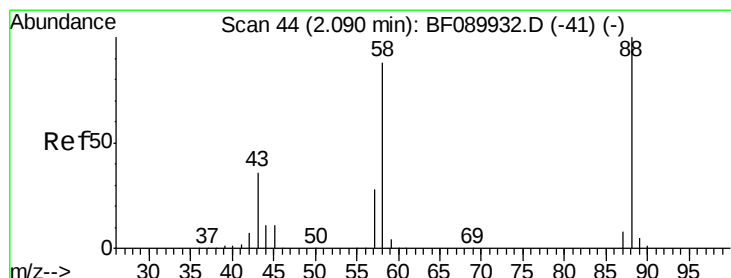
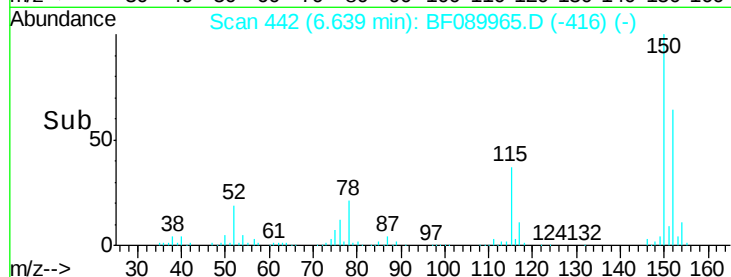
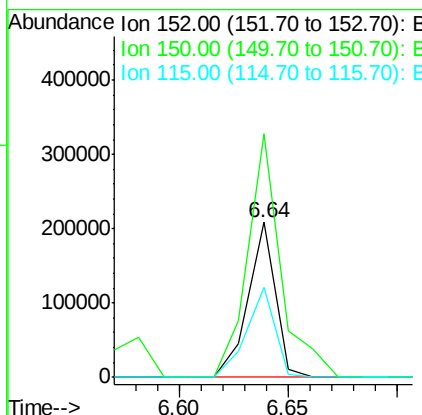
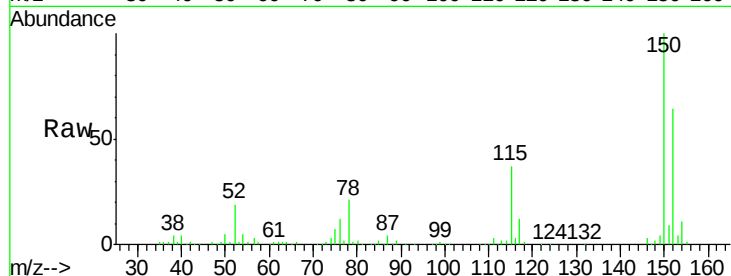
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampleId :
PB93161BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	181337		
150	157.2	127.4	191.2	
115	58.0	46.3	69.5	

Manual Integrations
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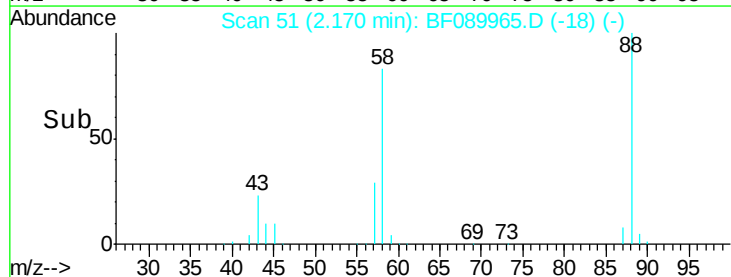
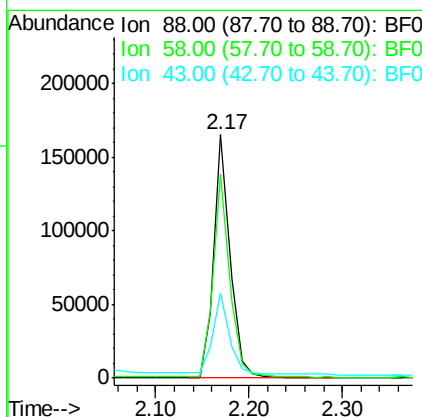
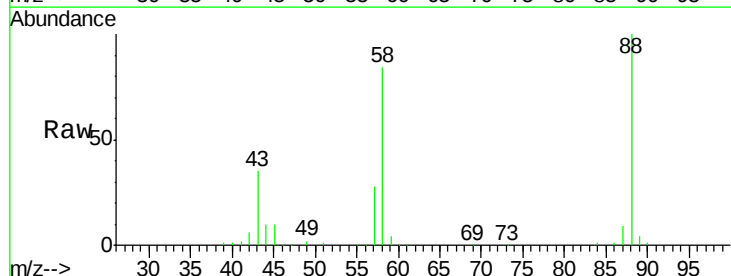
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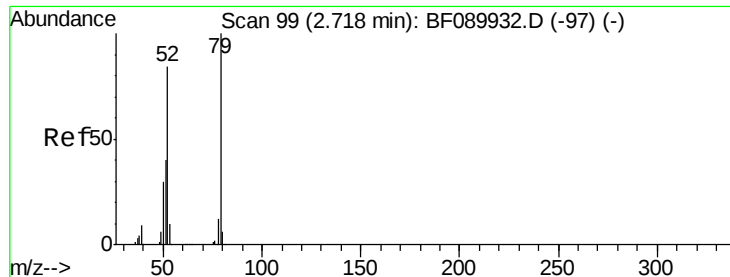


#2

1,4-Dioxane
Concen: 37.66 ng
RT: 2.17 min Scan# 51
Delta R.T. 0.08 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	202170		
58	84.5	68.8	103.2	
43	37.3	27.0	40.6	





#3

Pyridine

Concen: 38.18 ng

RT: 2.80 min Scan# 106

Delta R.T. 0.08 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

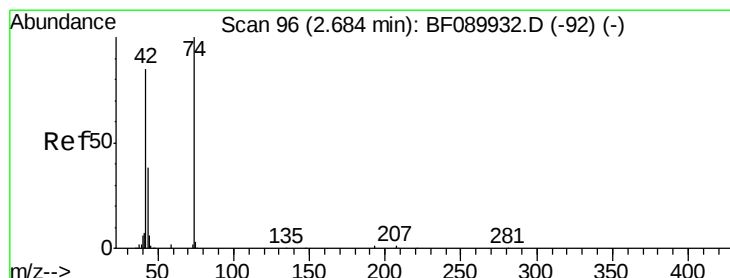
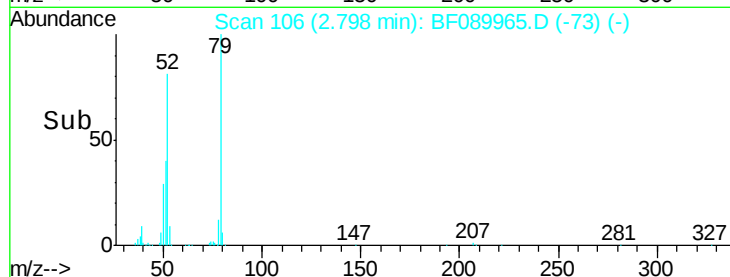
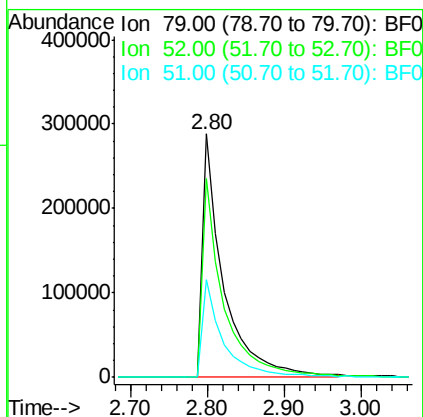
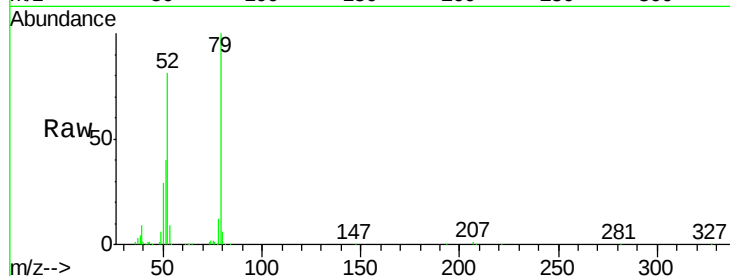
ClientSampleId :

PB93161BS

Tgt Ion:	79	Resp:	546811
Ion	Ratio	Lower	Upper
79	100		
52	81.5	67.8	101.6
51	40.1	32.9	49.3

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#4

n-Nitrosodimethylamine

Concen: 45.56 ng

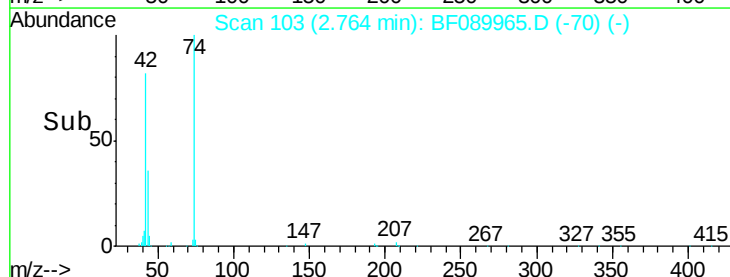
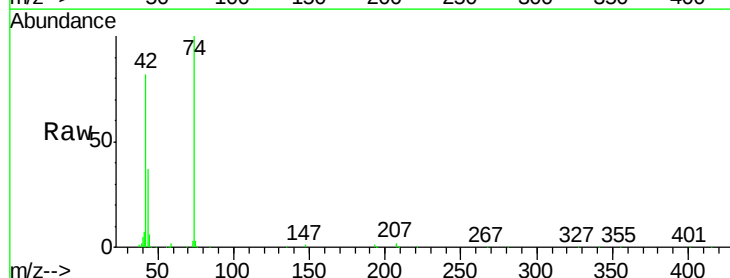
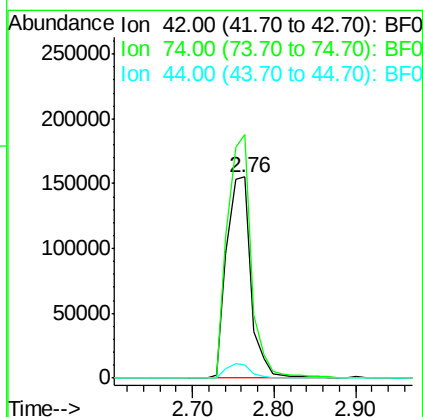
RT: 2.76 min Scan# 103

Delta R.T. 0.08 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Tgt Ion:	42	Resp:	321778
Ion	Ratio	Lower	Upper
42	100		
74	121.2	92.0	138.0
44	6.9	5.8	8.8





#5

2-Fluorophenol

Concen: 120.31 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

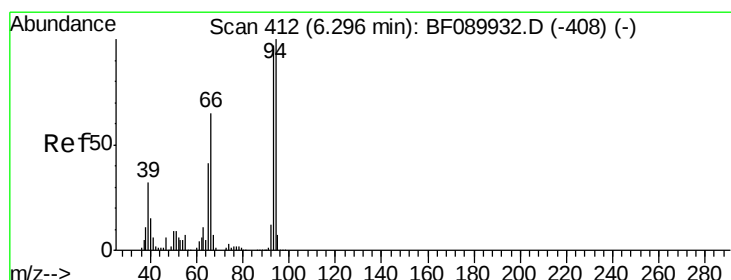
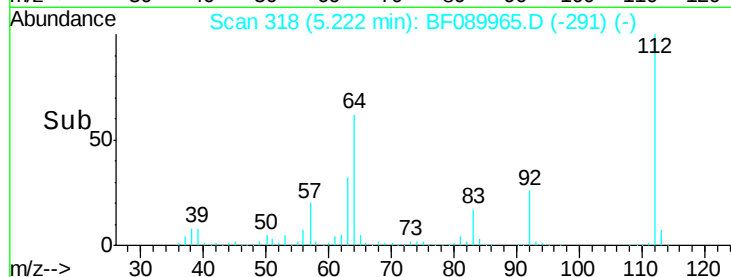
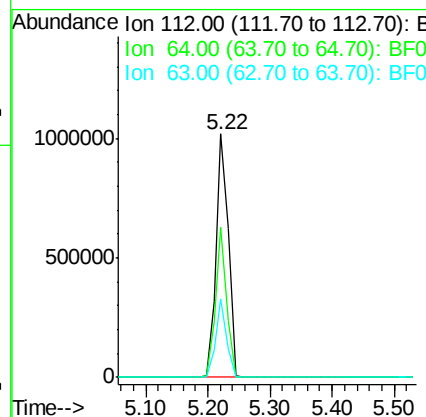
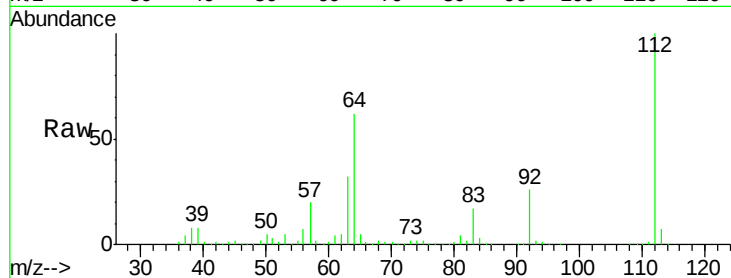
ClientSampleId :

PB93161BS

Tgt Ion:	112	Resp:	1363039
Ion Ratio	Lower	Upper	
112	100		
64	61.9	41.1	61.7#
63	32.2	21.2	31.8#

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#6

Aniline

Concen: 25.46 ng

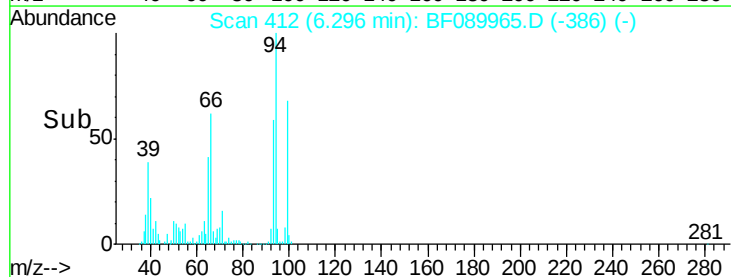
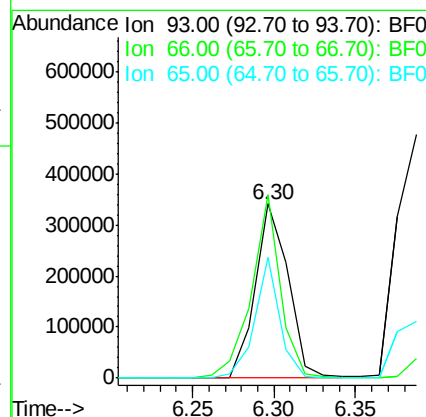
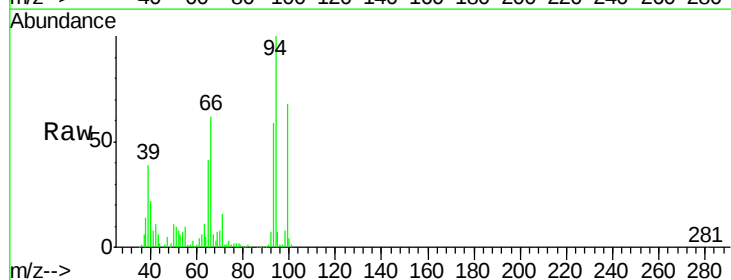
RT: 6.30 min Scan# 412

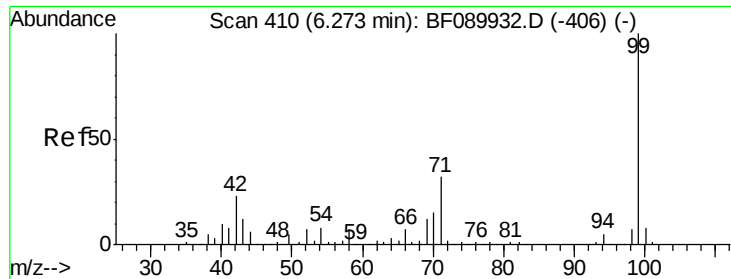
Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Tgt Ion:	93	Resp:	478149
Ion Ratio	Lower	Upper	
93	100		
66	105.0	52.9	79.3#
65	69.3	33.0	49.6#





#7

Phenol-d6

Concen: 118.01 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

PB93161BS

Tgt Ion: 99 Resp: 1624476

Ion Ratio Lower Upper

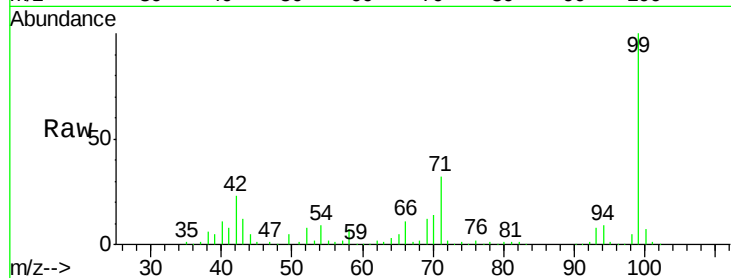
99 100

42 22.9 18.6 27.8

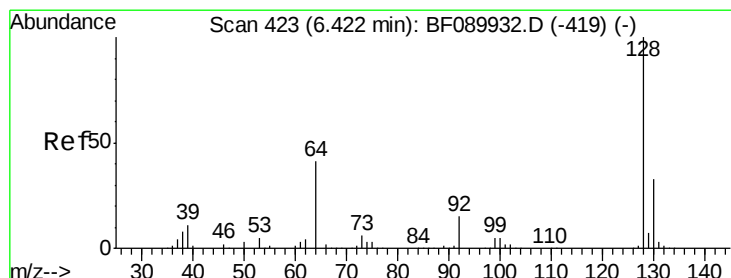
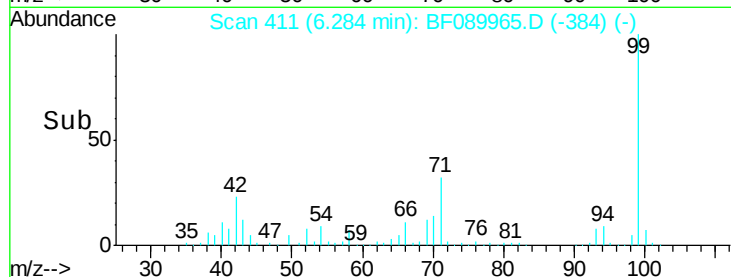
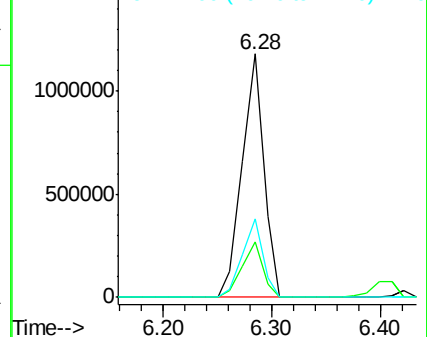
71 32.2 25.8 38.6

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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: 43.79 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

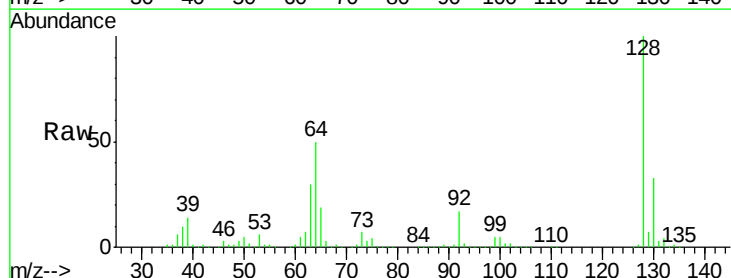
Tgt Ion: 128 Resp: 538229

Ion Ratio Lower Upper

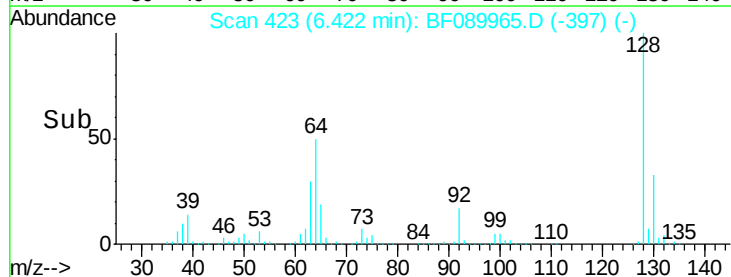
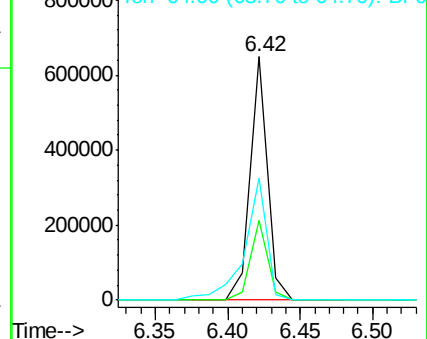
128 100

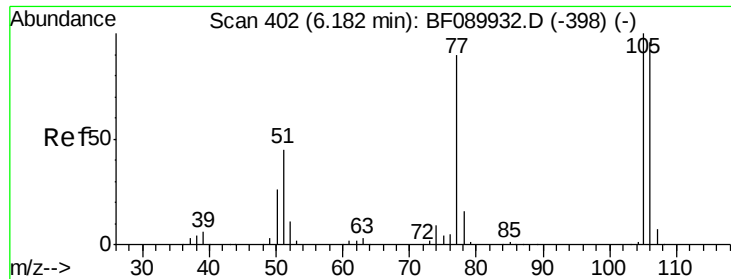
130 32.7 12.8 52.8

64 50.0 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





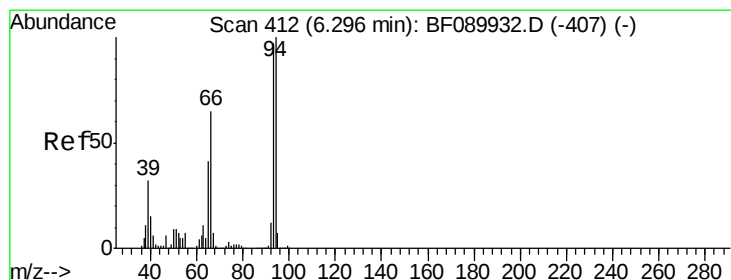
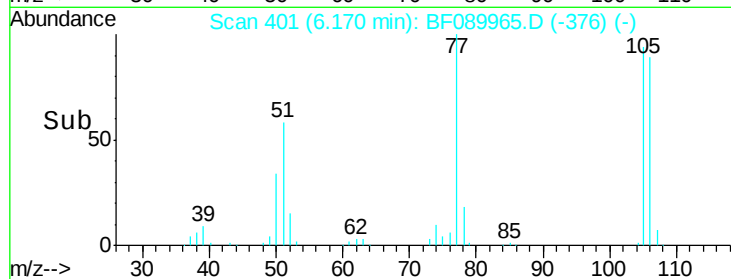
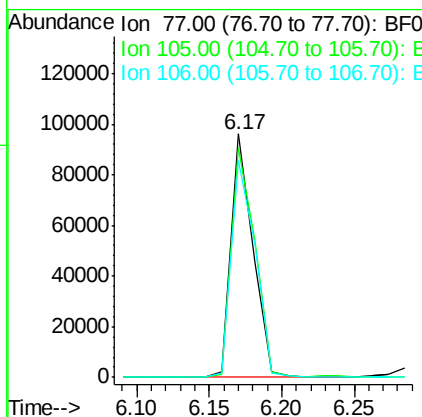
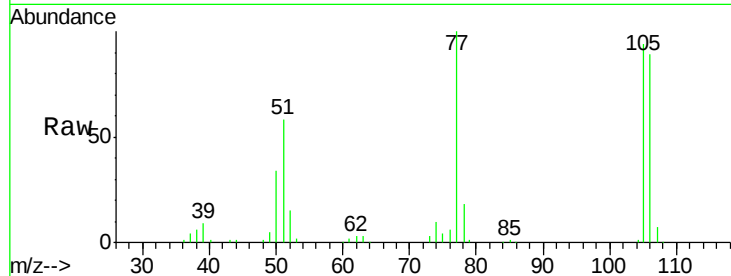
#9
Benzaldehyde
Concen: 11.30 ng
RT: 6.17 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF089965.D
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Instrument :
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PB93161BS

Tgt Ion: 77 Resp: 100383
Ion Ratio Lower Upper
77 100
105 94.1 85.4 125.4
106 88.9 83.4 123.4

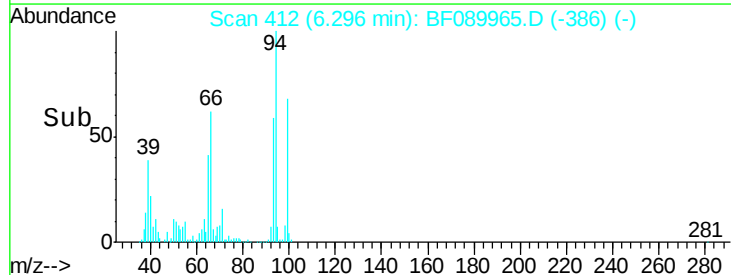
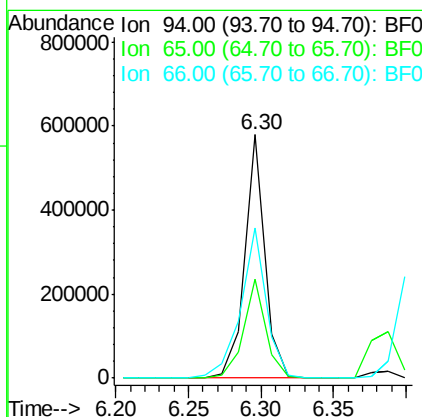
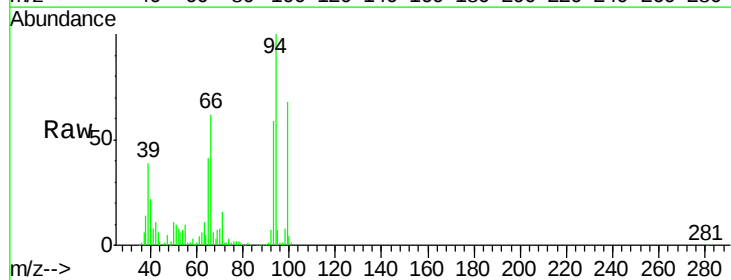
Manual Integrations
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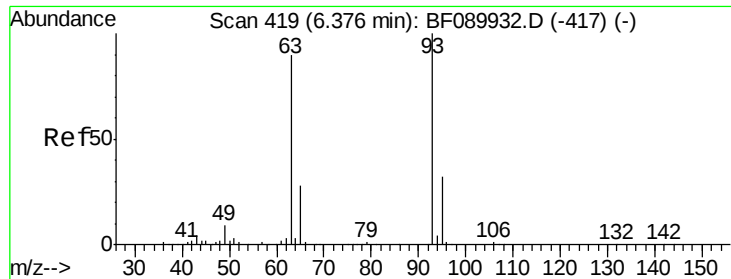
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#10
Phenol
Concen: 34.70 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion: 94 Resp: 555504
Ion Ratio Lower Upper
94 100
65 40.8 23.2 63.2
66 61.8 49.2 89.2





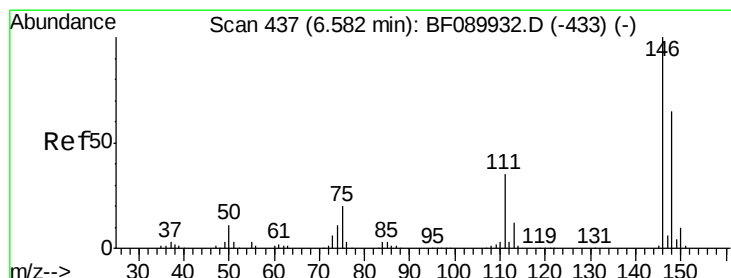
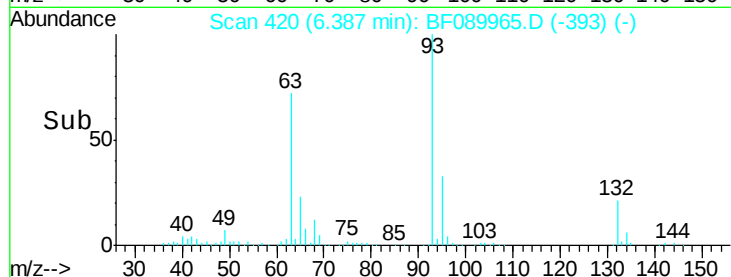
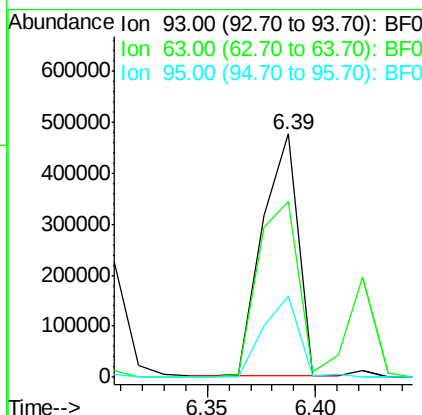
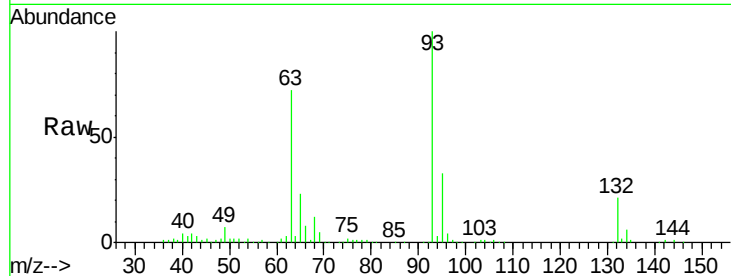
#11
bis(2-Chloroethyl)ether
Concen: 44.86 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.01 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampleId :
PB93161BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	72.4	71.1	111.1
95	33.3	12.4	52.4

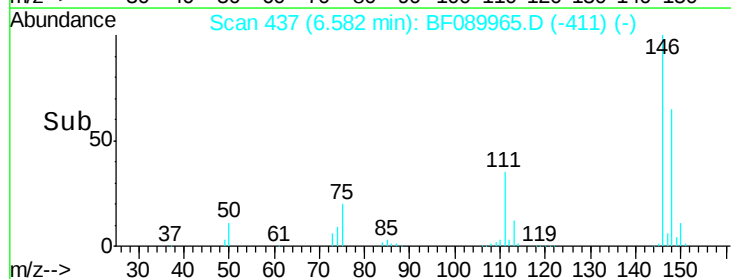
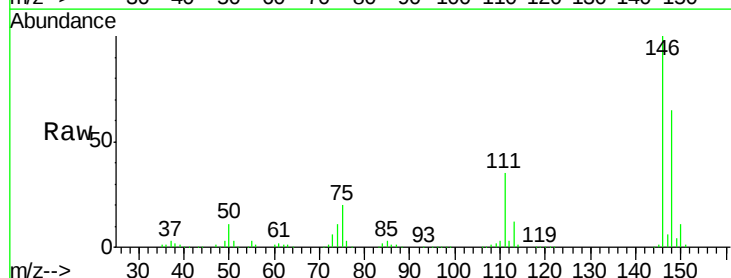
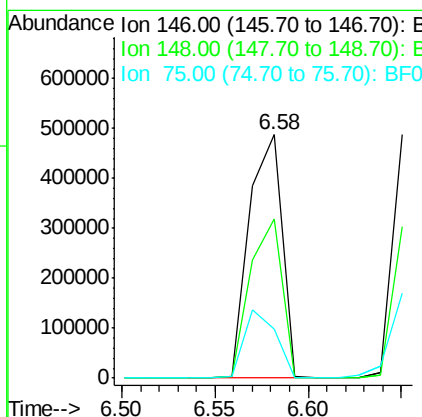
Manual Integrations
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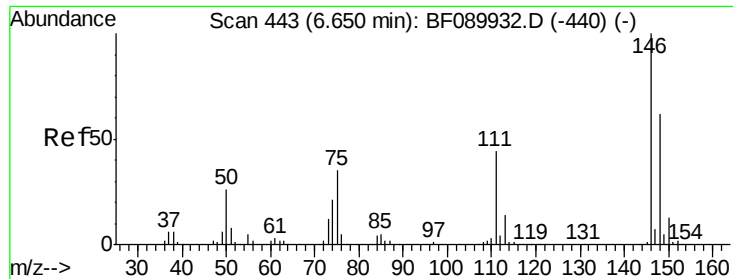
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#12
1,3-Dichlorobenzene
Concen: 43.99 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.5	78.7
75	20.2	16.6	24.8





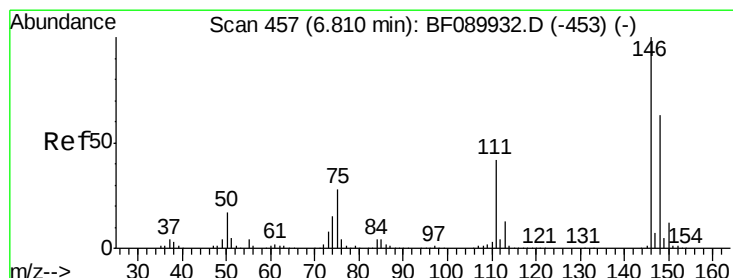
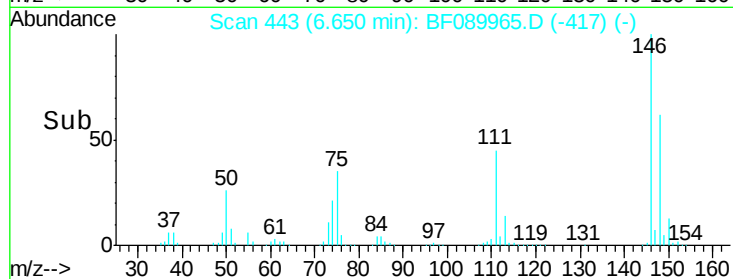
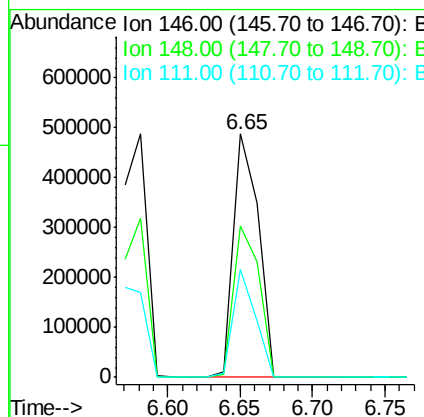
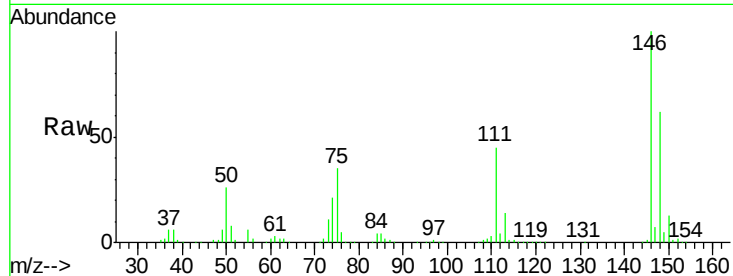
#13
 1,4-Dichlorobenzene
 Concen: 41.42 ng
 RT: 6.65 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.1	75.1
111	44.6	35.8	53.6

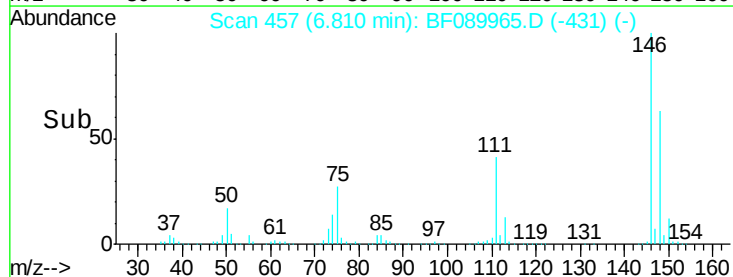
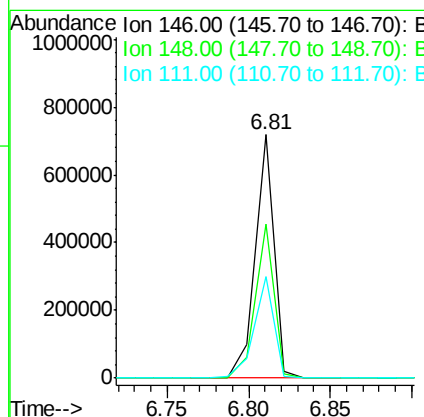
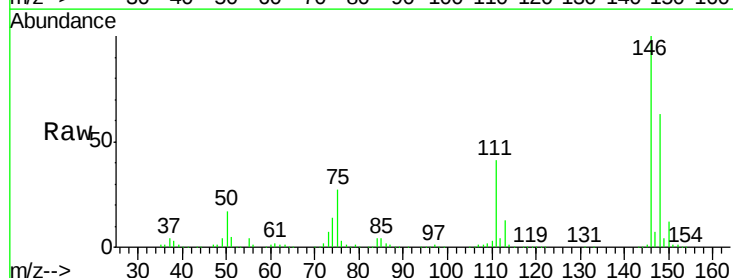
Manual Integrations
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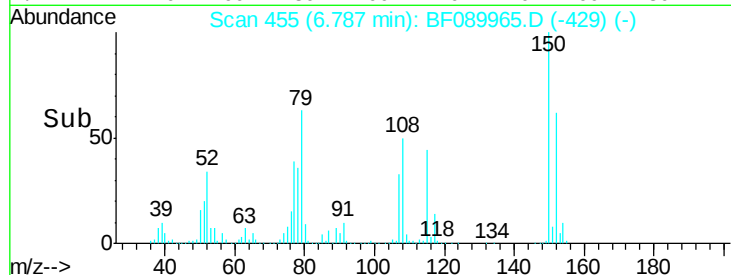
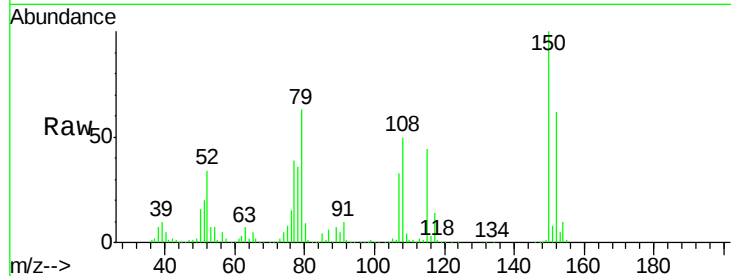
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#14
 1,2-Dichlorobenzene
 Concen: 45.63 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.4	77.2
111	41.5	34.6	51.8





#15

Benzyl Alcohol

Concen: 45.22 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Tgt Ion:	79	Resp:	389988
Ion Ratio	Lower	Upper	
79	100		
108	78.6	62.1	93.1
77	62.3	50.1	75.1

Instrument :

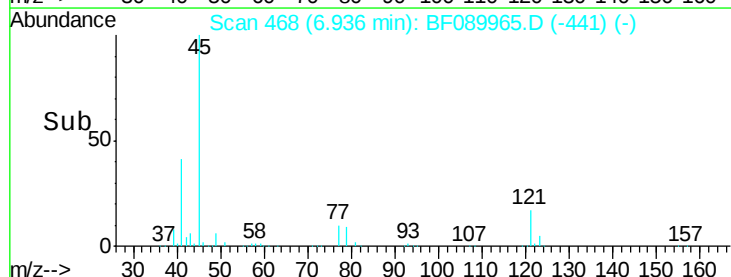
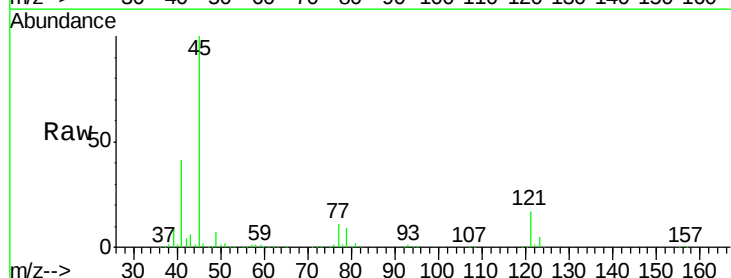
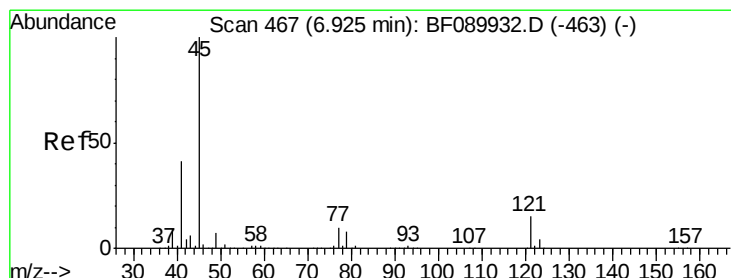
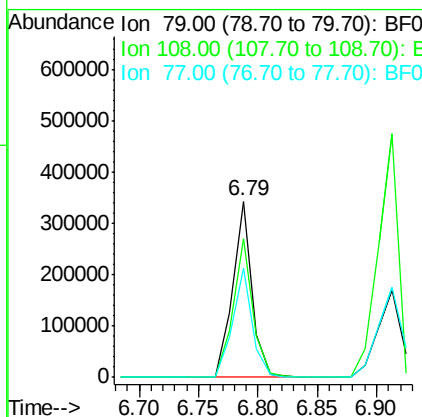
BNA_F

ClientSampleId :

PB93161BS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.95 ng

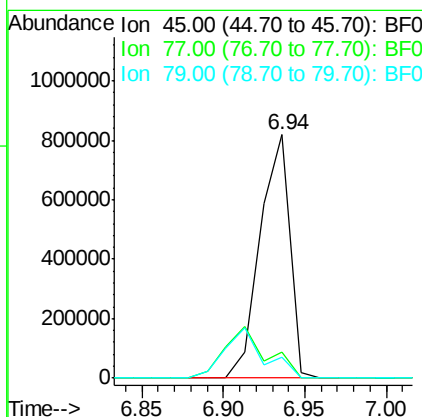
RT: 6.94 min Scan# 468

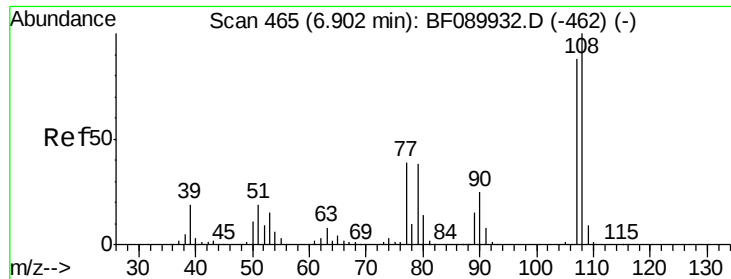
Delta R.T. 0.01 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Tgt Ion:	45	Resp:	1038138
Ion Ratio	Lower	Upper	
45	100		
77	10.8	0.0	30.3
79	8.8	0.0	27.5





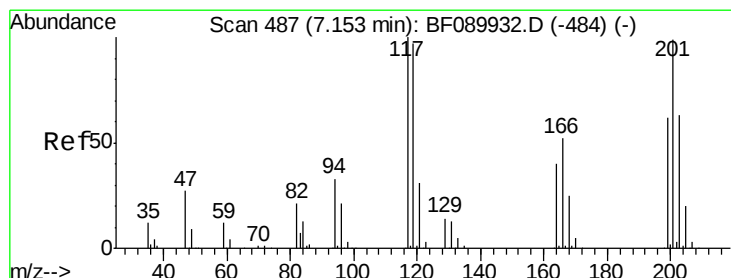
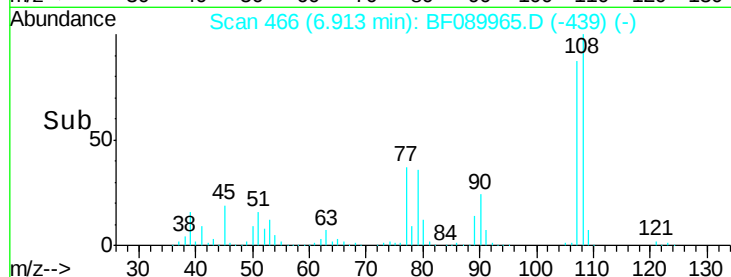
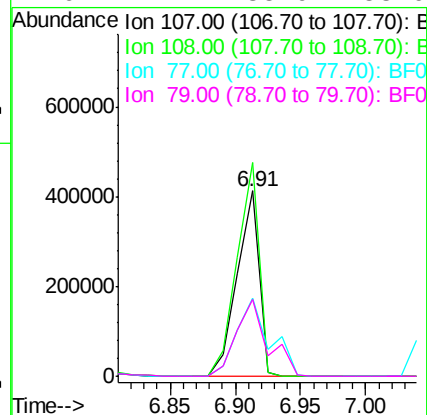
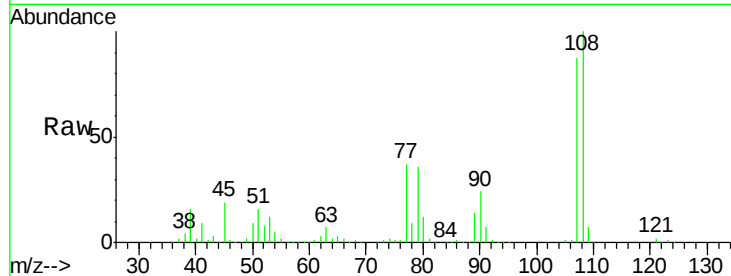
#17
2-Methylphenol
Concen: 48.98 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.01 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampleId :
PB93161BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	480807		
108	115.3	91.8	137.6	
77	42.4	36.0	54.0	
79	41.2	35.9	53.9	

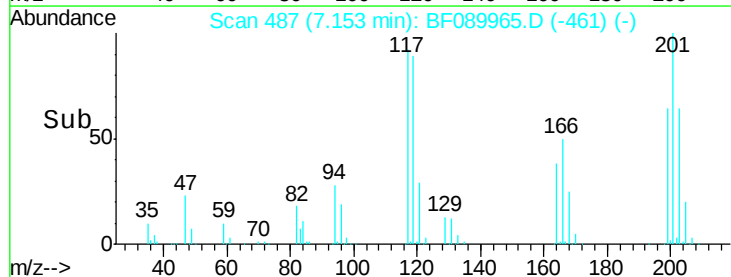
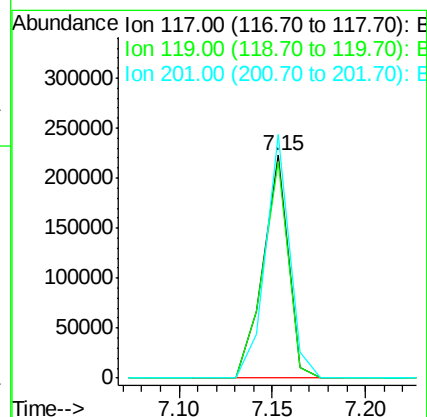
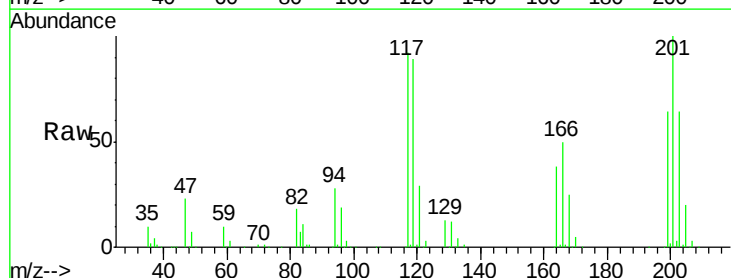
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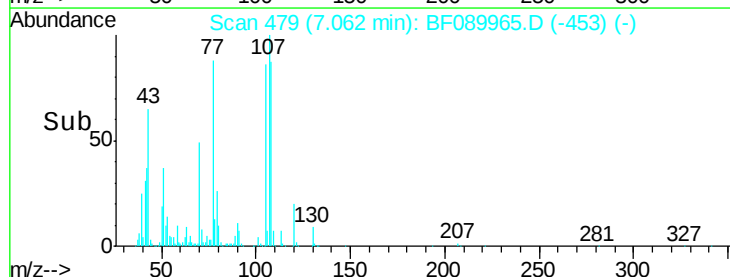
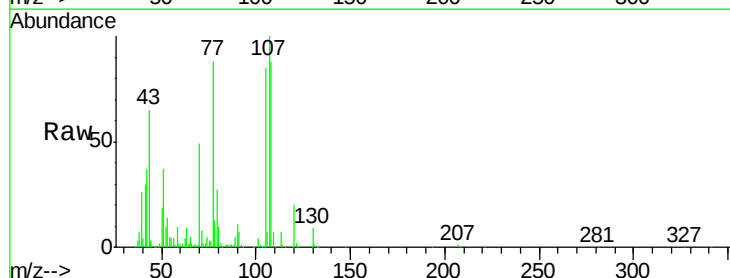
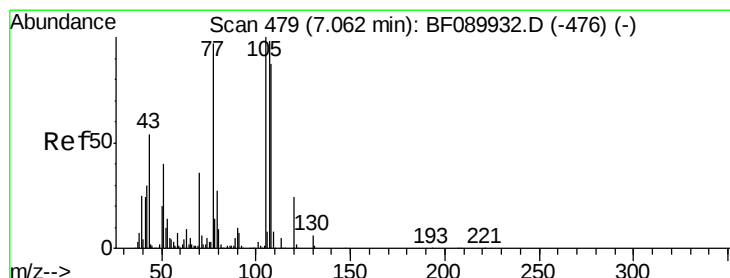
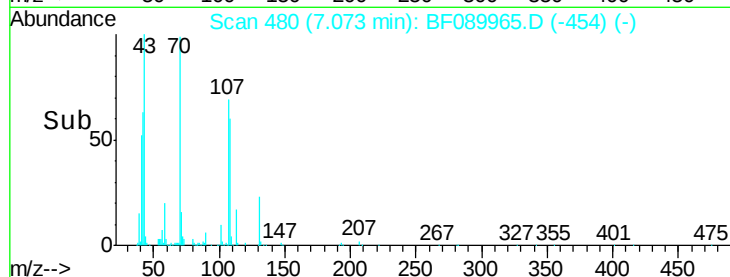
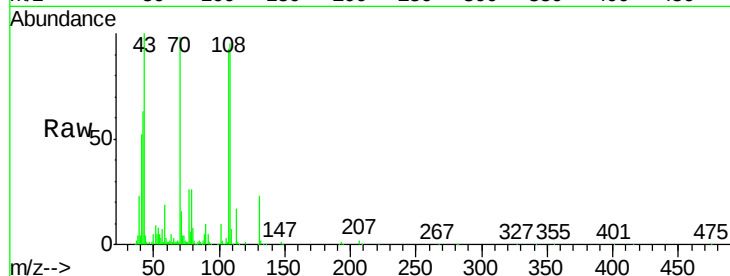
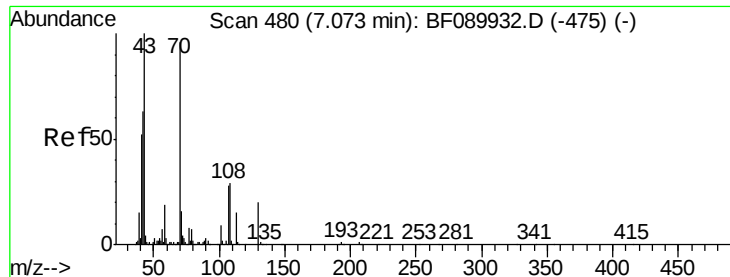
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#18
Hexachloroethane
Concen: 43.05 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

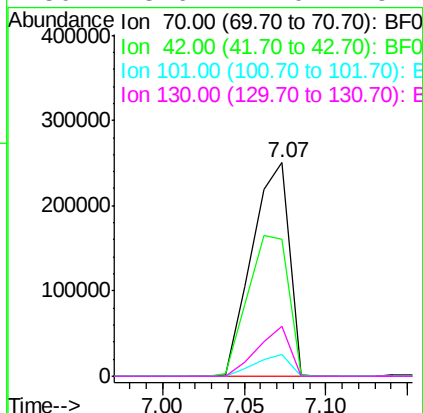
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	207097		
119	97.0	76.2	114.2	
201	109.2	80.2	120.2	





#19
n-Nitroso-di-n-propylamine
Concen: 44.27 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	397150		
42	63.8	52.1	78.1	
101	10.0	7.4	11.2	
130	23.6	17.0	25.4	



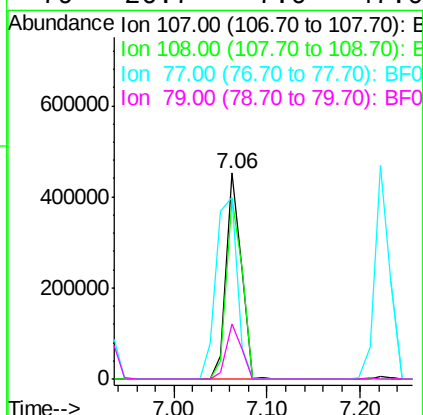
Instrument :
BNA_F
ClientSampleId :
PB93161BS

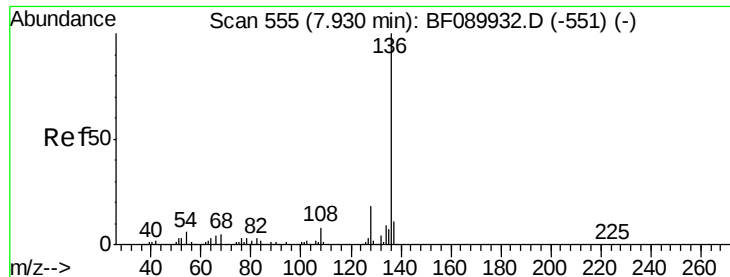
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#20
3+4-Methylphenols
Concen: 43.24 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	514493		
108	87.5	70.2	110.2	
77	88.3	75.7	115.7	
79	26.7	7.0	47.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

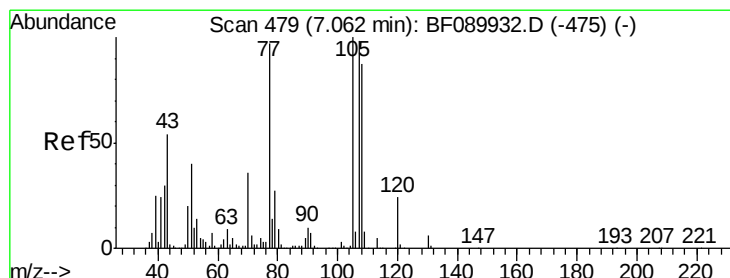
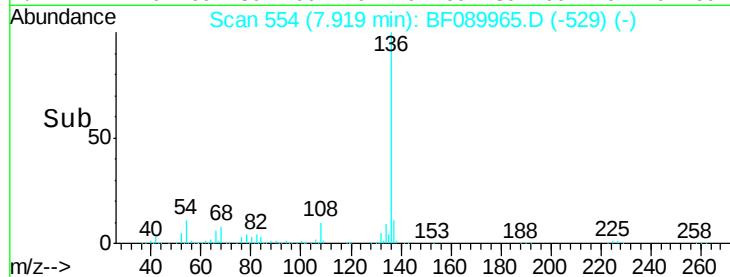
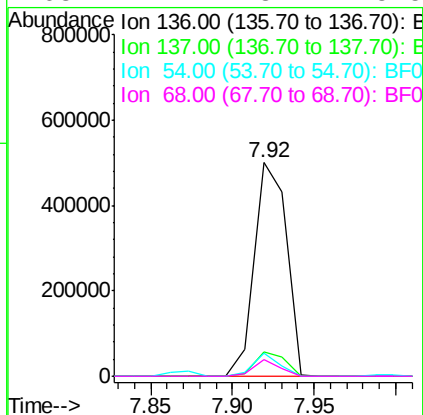
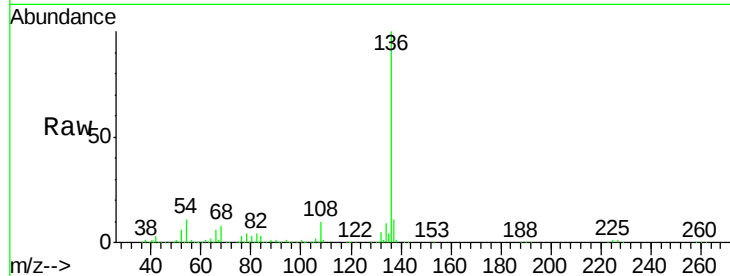
ClientSampleId :

PB93161BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	684145		
137	11.3	8.3	12.5	
54	11.1	4.8	7.2#	
68	7.7	3.7	5.5#	

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#22

Acetophenone

Concen: 42.38 ng

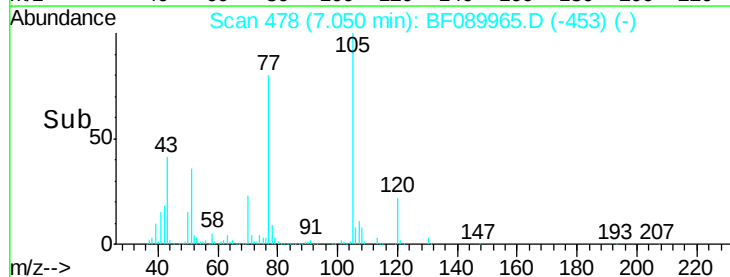
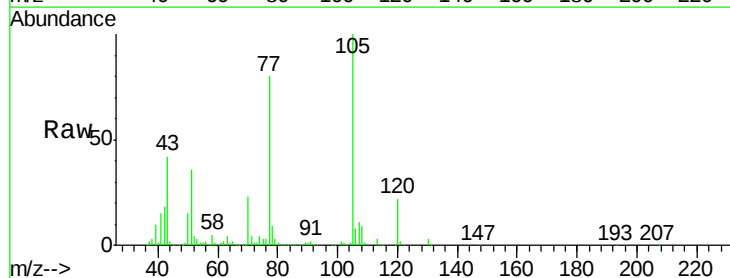
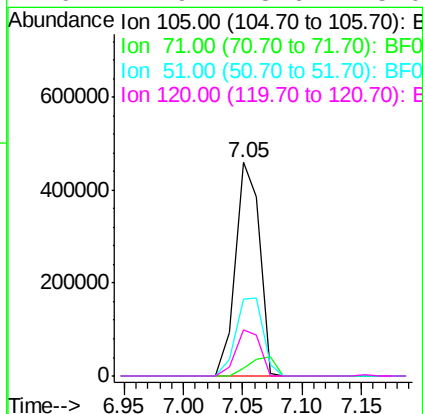
RT: 7.05 min Scan# 478

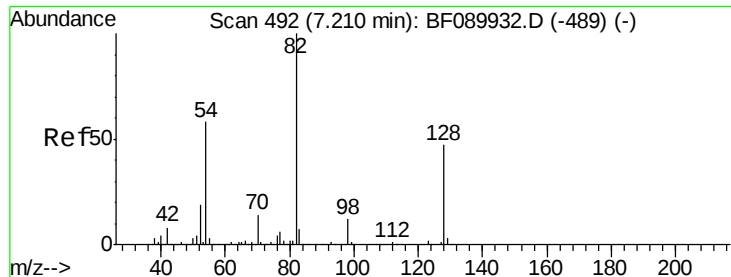
Delta R.T. -0.01 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	650381		
71	3.8	5.3	7.9#	
51	35.7	32.6	48.8	
120	21.9	18.6	28.0	





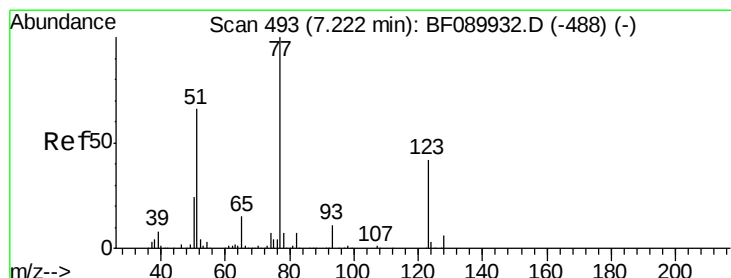
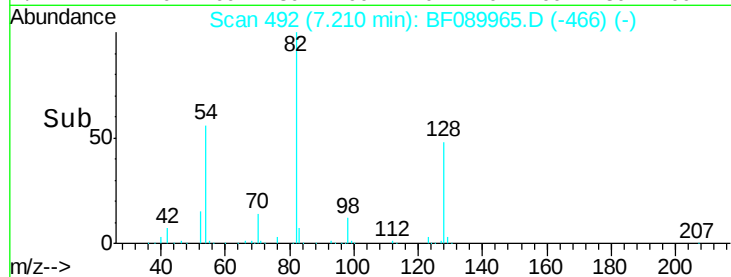
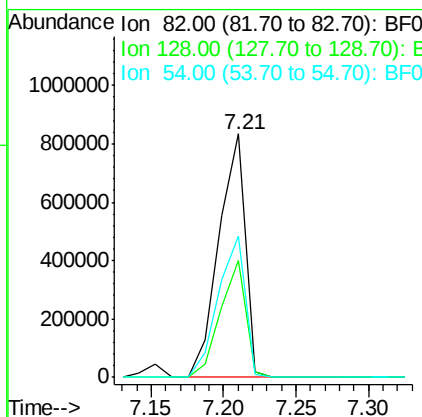
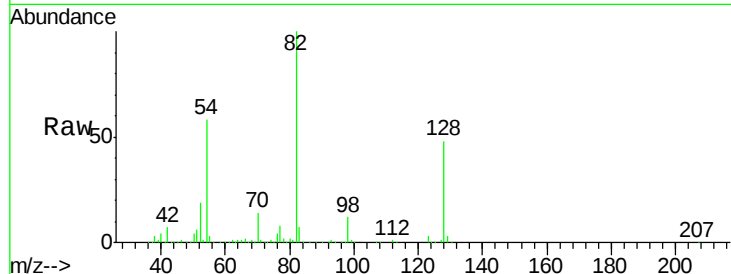
#23
 Nitrobenzene-d5
 Concen: 89.60 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampled :
 PB93161BS

Tgt Ion: 82 Resp: 1056980
 Ion Ratio Lower Upper
 82 100
 128 48.1 37.8 56.8
 54 58.0 46.9 70.3

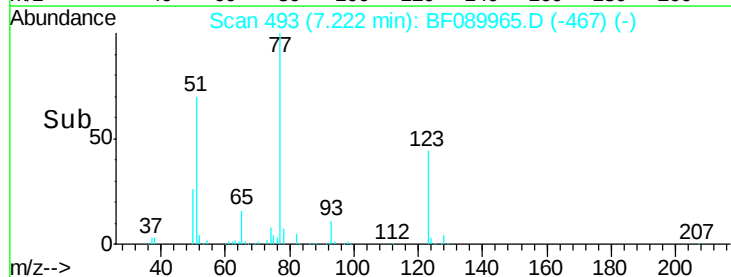
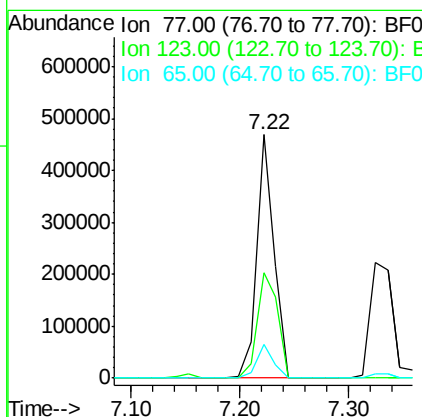
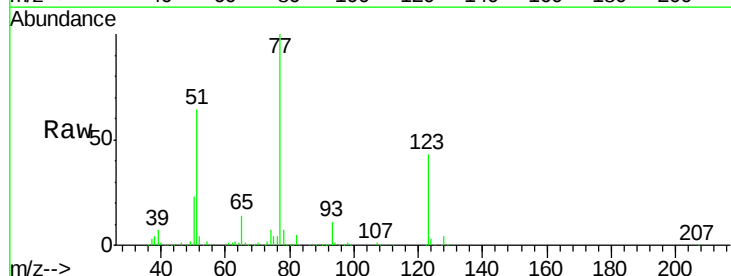
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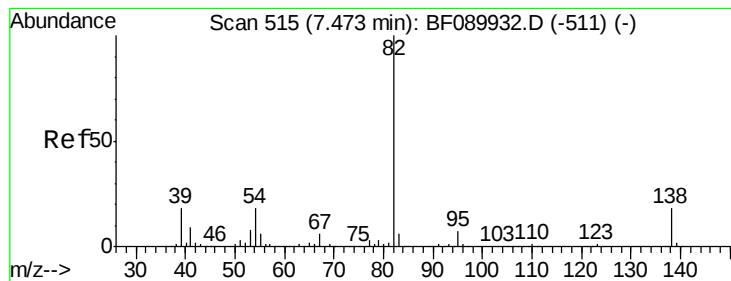
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#24
 Nitrobenzene
 Concen: 41.47 ng
 RT: 7.22 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion: 77 Resp: 520052
 Ion Ratio Lower Upper
 77 100
 123 43.3 32.0 48.0
 65 14.1 11.2 16.8





#25

Isophorone

Concen: 44.93 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

PB93161BS

Tgt Ion: 82 Resp: 1077812

Ion Ratio Lower Upper

82 100

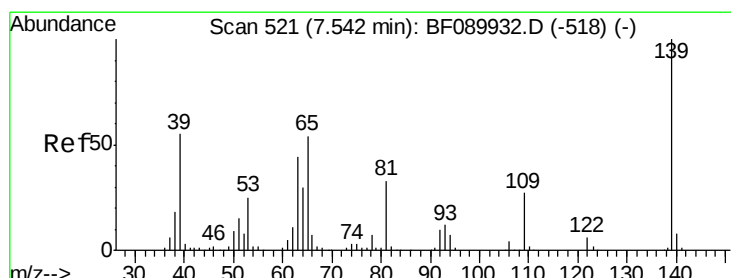
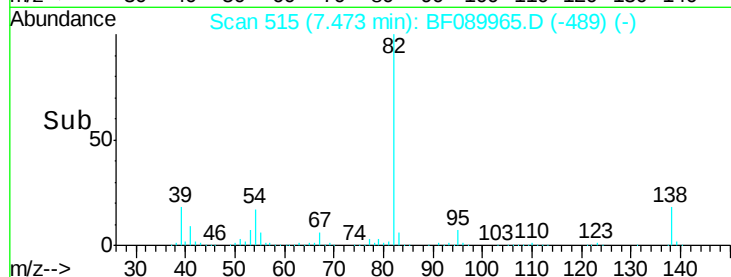
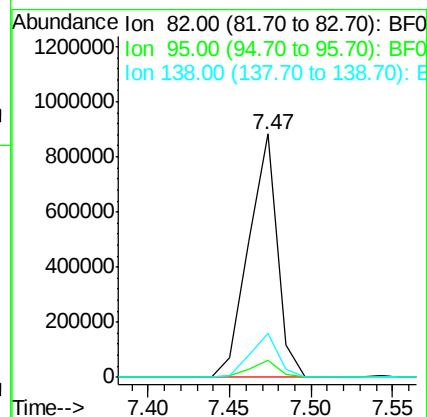
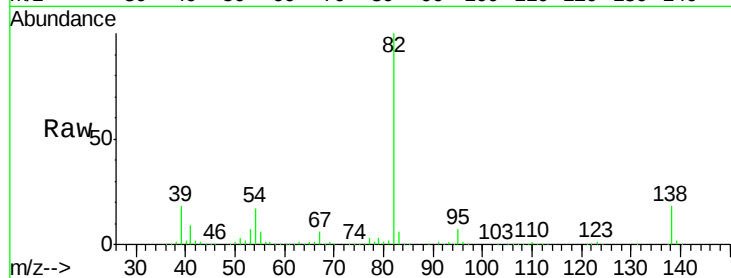
95 6.8 5.5 8.3

138 18.2 14.4 21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.54 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

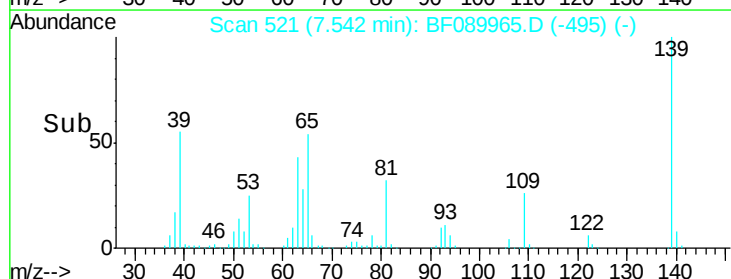
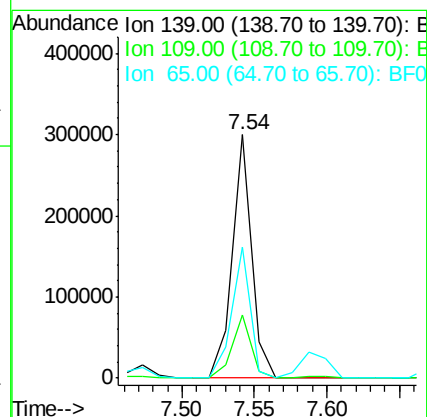
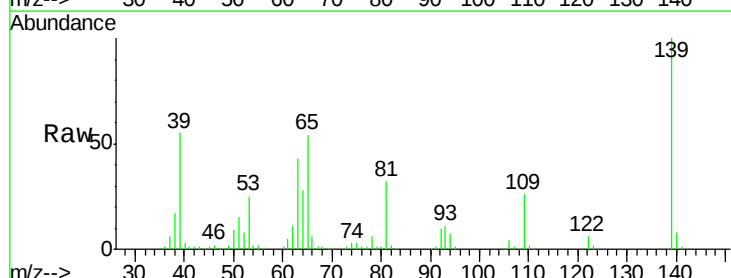
Tgt Ion: 139 Resp: 278979

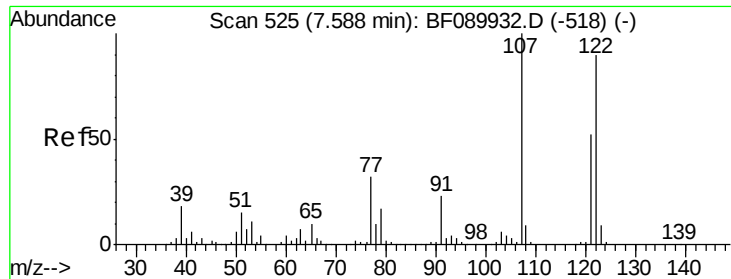
Ion Ratio Lower Upper

139 100

109 25.7 21.0 31.4

65 53.7 43.4 65.0





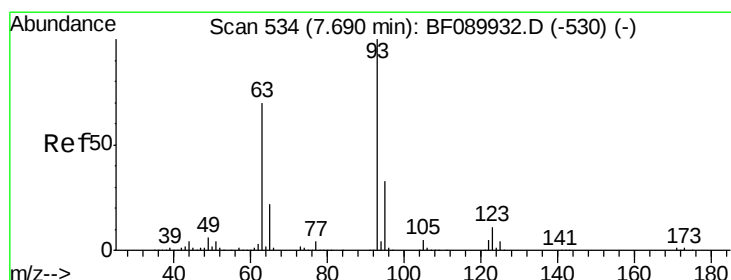
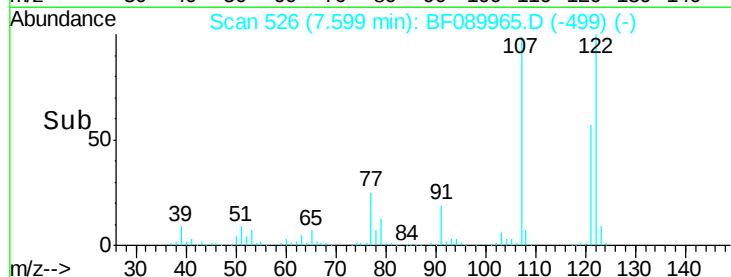
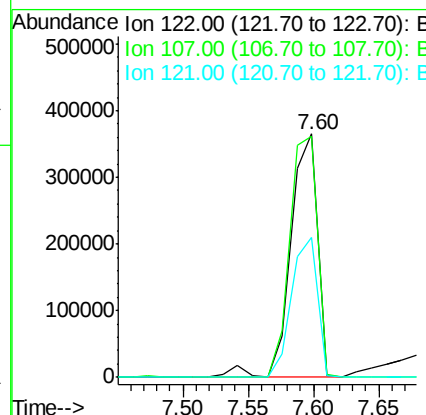
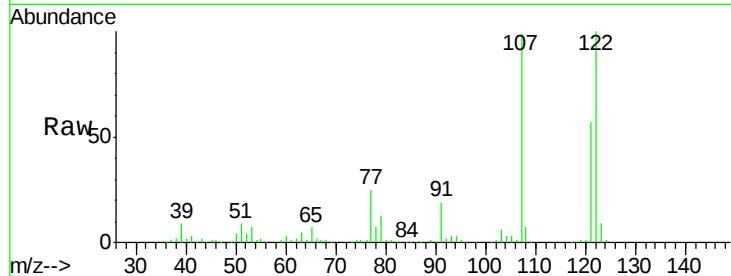
#27
 2,4-Dimethylphenol
 Concen: 47.63 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.01 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	528235		
107	98.9	88.5	132.7	
121	57.5	46.0	69.0	

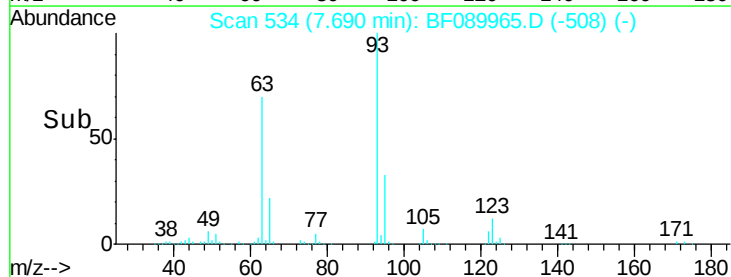
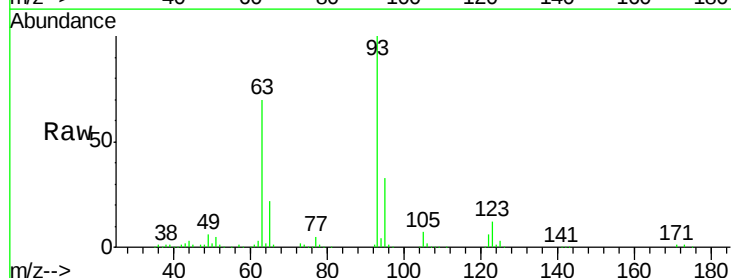
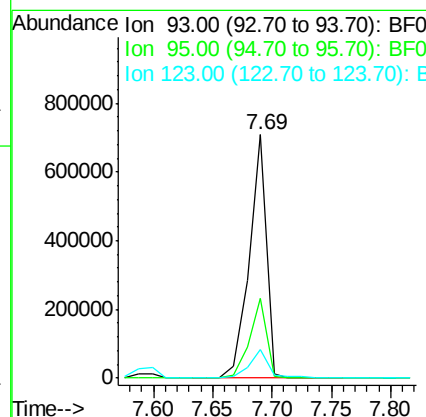
Manual Integrations
 APPROVED

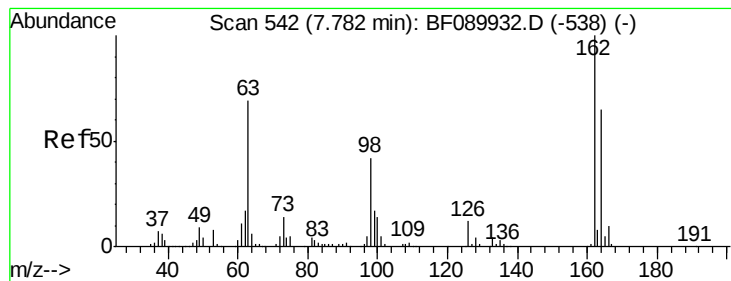
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#28
 bis(2-Chloroethoxy)methane
 Concen: 49.33 ng
 RT: 7.69 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	713719		
95	33.0	26.6	40.0	
123	11.5	9.1	13.7	





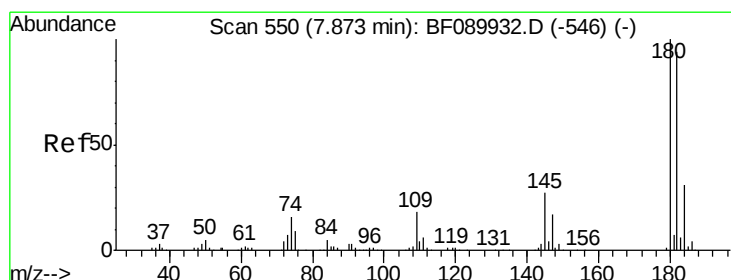
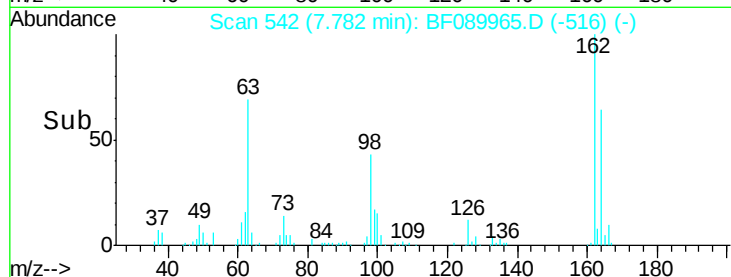
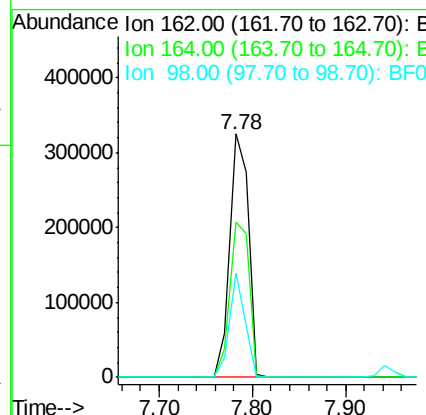
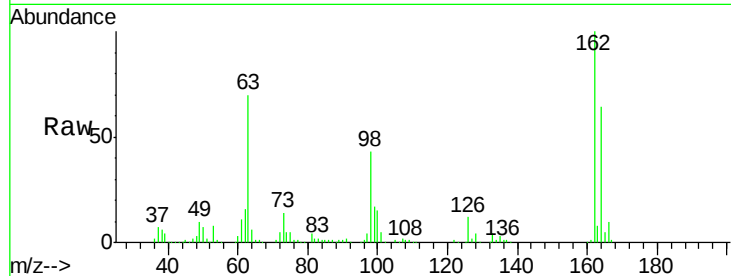
#29
2,4-Dichlorophenol
Concen: 45.88 ng
RT: 7.78 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampleId :
PB93161BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	456108		
164	63.9	46.6	86.6	
98	42.9	22.0	62.0	

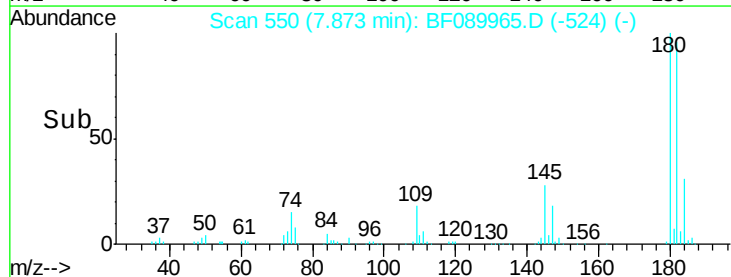
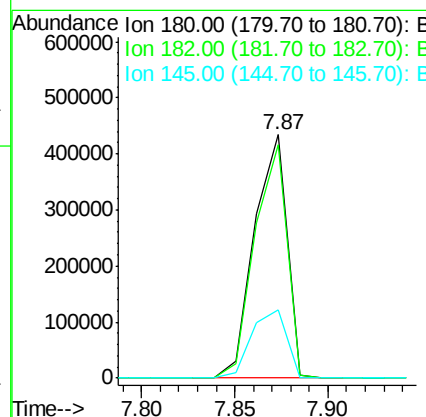
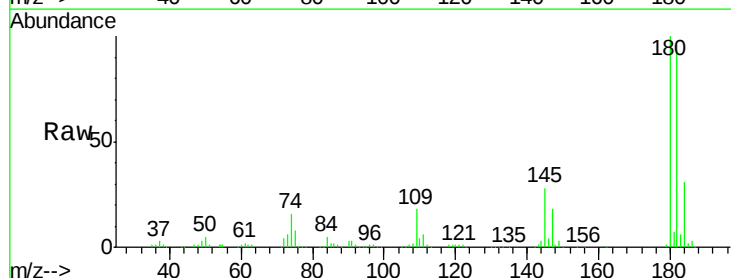
Manual Integrations
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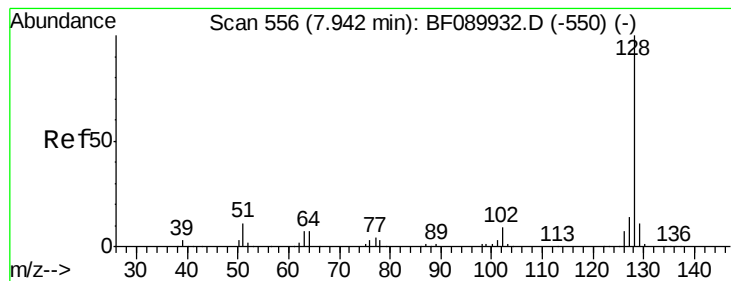
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#30
1,2,4-Trichlorobenzene
Concen: 48.00 ng
RT: 7.87 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	521724		
182	96.0	76.2	114.2	
145	27.9	22.2	33.4	





#31

Naphthalene

Concen: 42.57 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

PB93161BS

Tgt Ion:128 Resp: 1450997

Ion Ratio Lower Upper

128 100

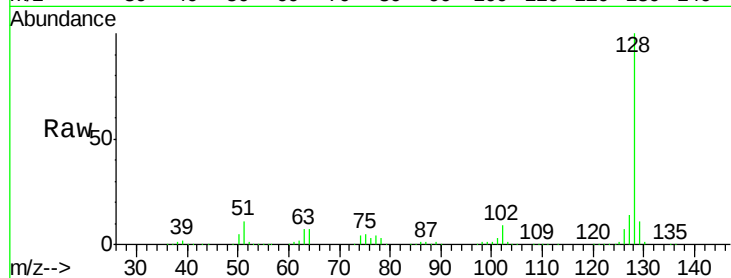
129 11.5 9.4 14.0

127 13.5 10.7 16.1

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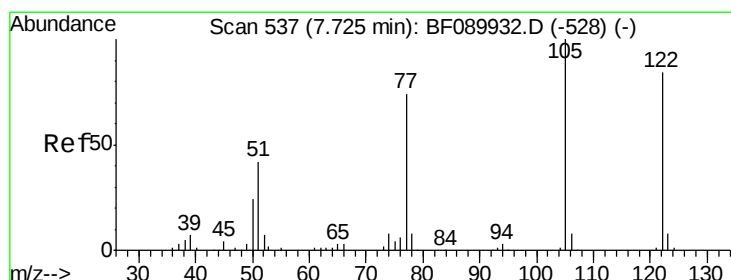
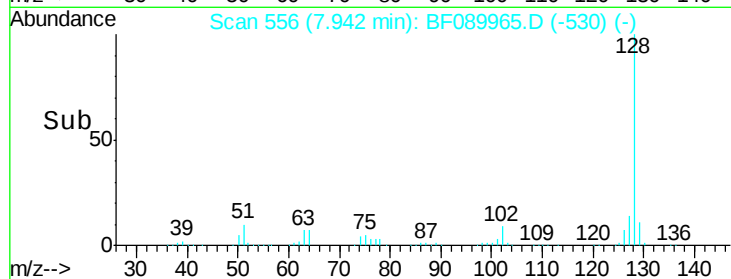
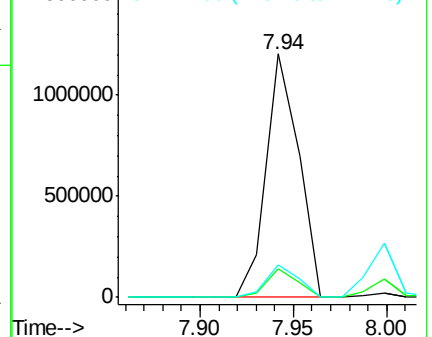
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.58 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

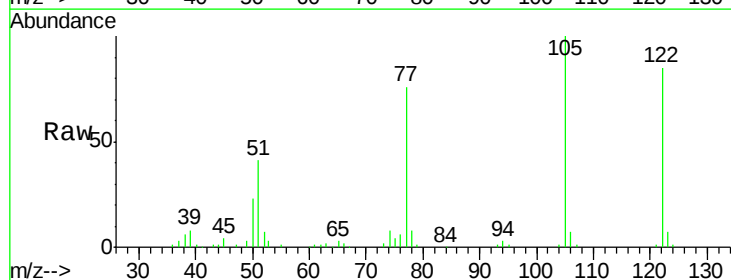
Tgt Ion:122 Resp: 243349

Ion Ratio Lower Upper

122 100

105 118.1 102.2 142.2

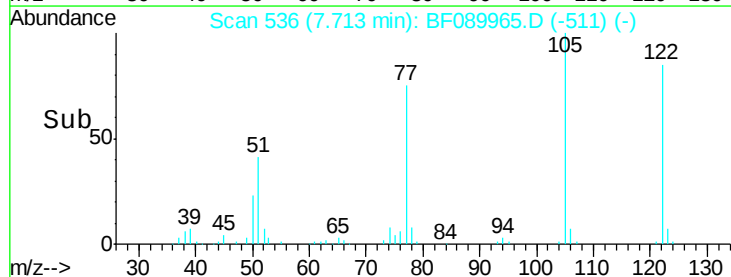
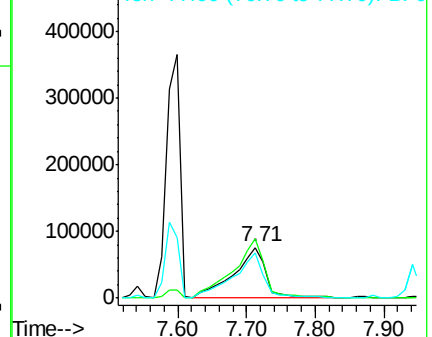
77 89.3 74.1 114.1



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





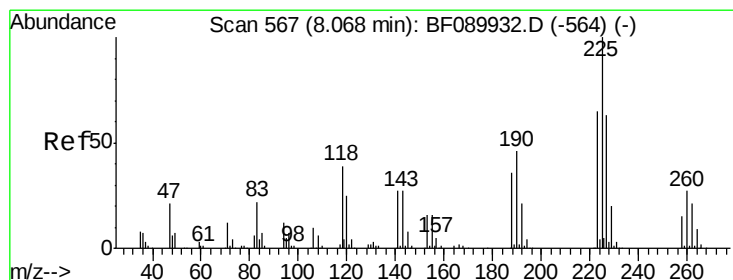
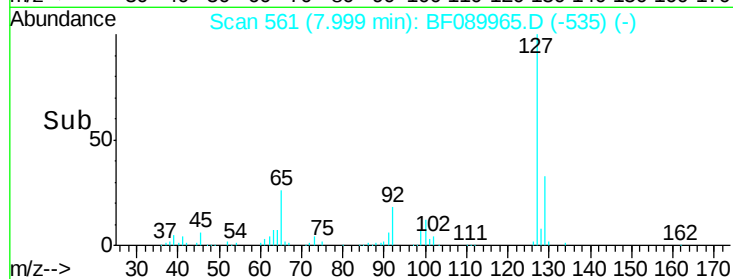
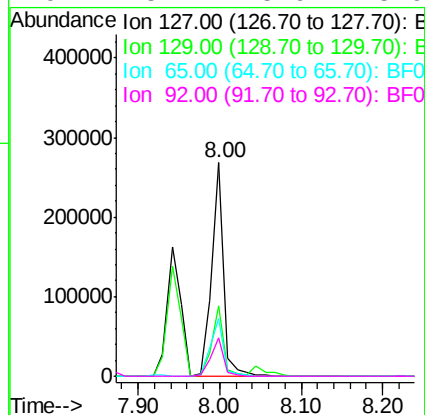
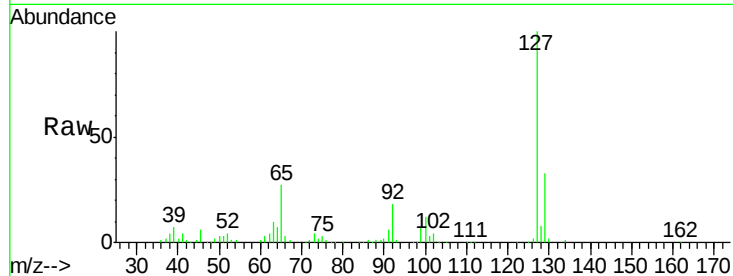
#33
4-Chloroaniline
Concen: 20.47 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampleId :
PB93161BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	281435		
129	32.7	25.9	38.9	
65	27.0	26.0	39.0	
92	18.2	15.9	23.9	

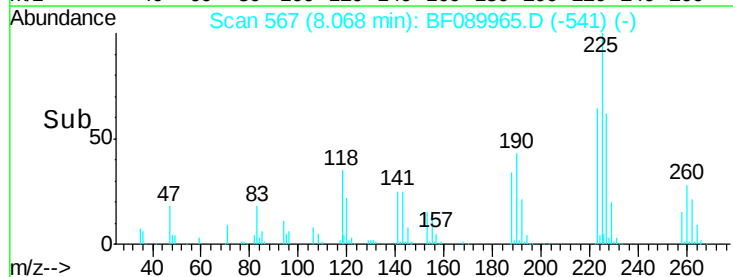
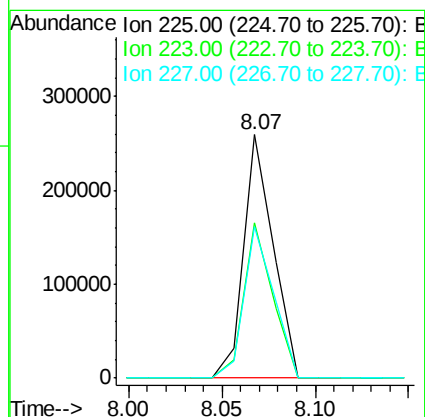
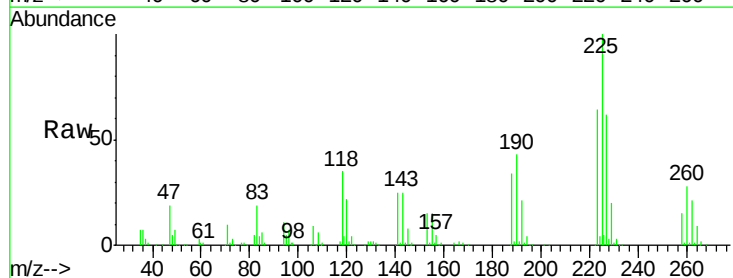
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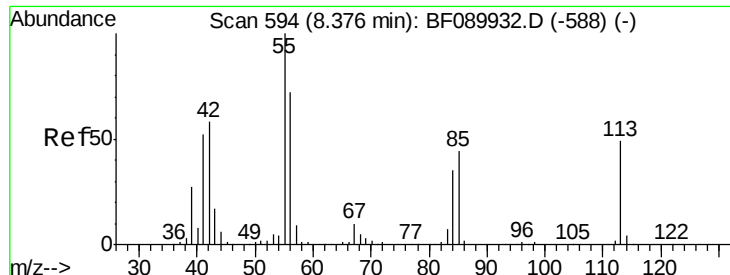
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#34
Hexachlorobutadiene
Concen: 44.60 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	284080		
223	63.7	52.6	78.8	
227	62.2	50.8	76.2	





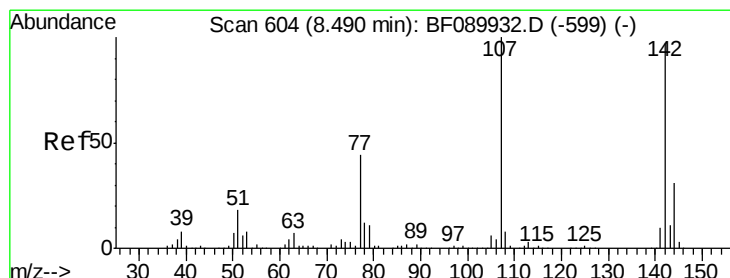
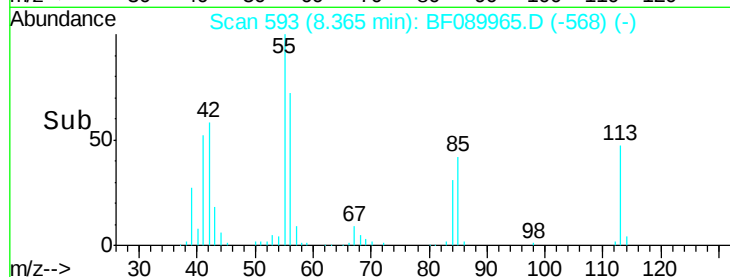
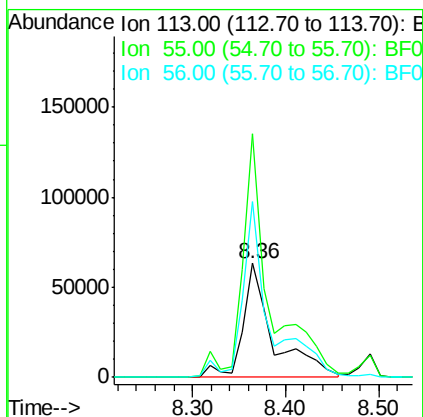
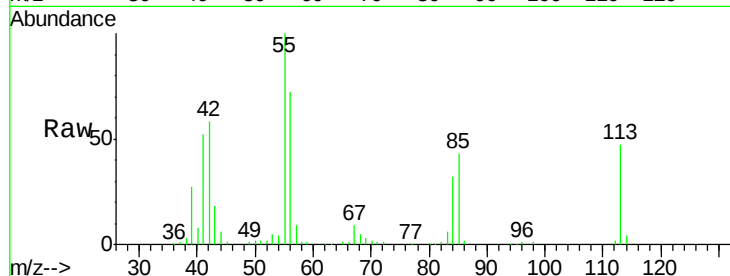
#35
 Caprolactam
 Concen: 45.31 ng
 RT: 8.36 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampleID :
 PB93161BS

Tgt Ion:113 Resp: 142194
 Ion Ratio Lower Upper
 113 100
 55 213.0 178.5 218.5
 56 154.1 122.7 162.7

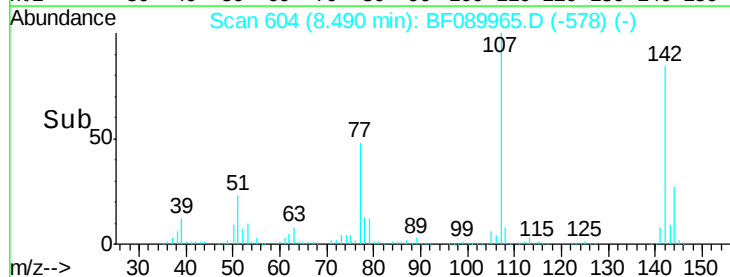
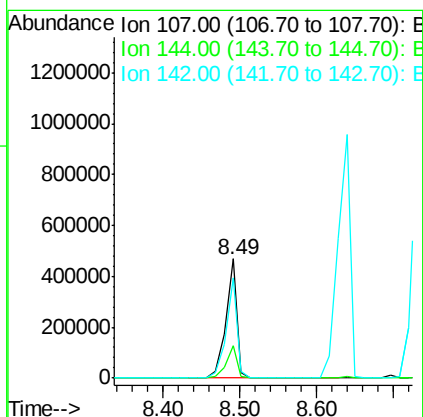
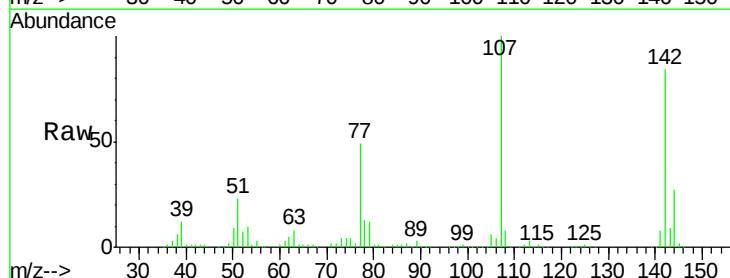
Manual Integrations
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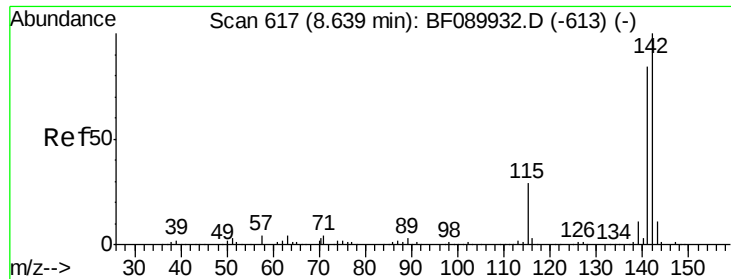
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#36
 4-Chloro-3-methylphenol
 Concen: 45.59 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion:107 Resp: 479980
 Ion Ratio Lower Upper
 107 100
 144 27.1 25.8 38.8
 142 83.9 79.2 118.8





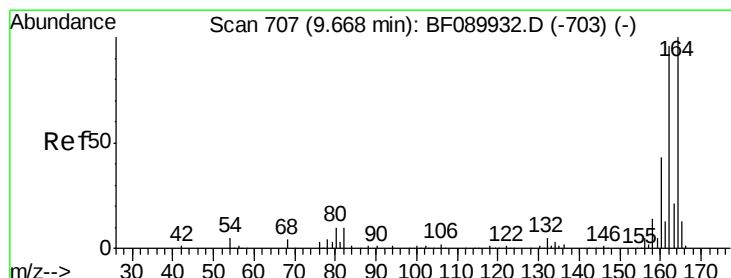
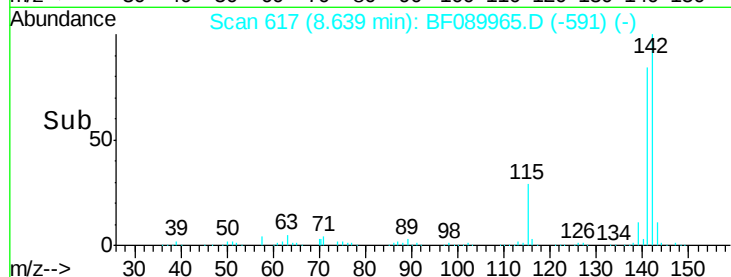
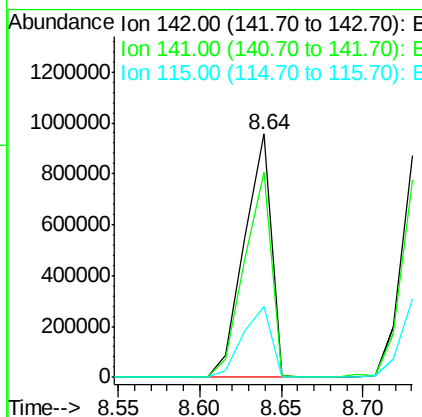
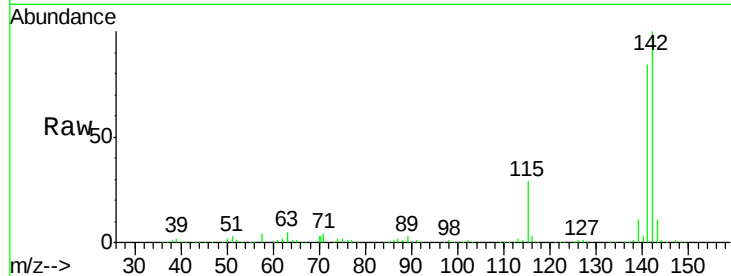
#37
 2-Methylnaphthalene
 Concen: 48.78 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BS

Tgt Ion:142 Resp: 1098552
 Ion Ratio Lower Upper
 142 100
 141 84.3 68.3 102.5
 115 29.1 23.8 35.8

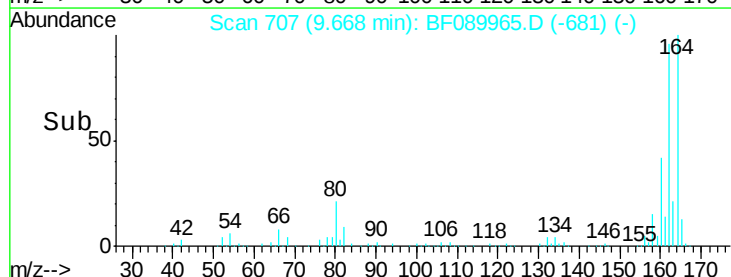
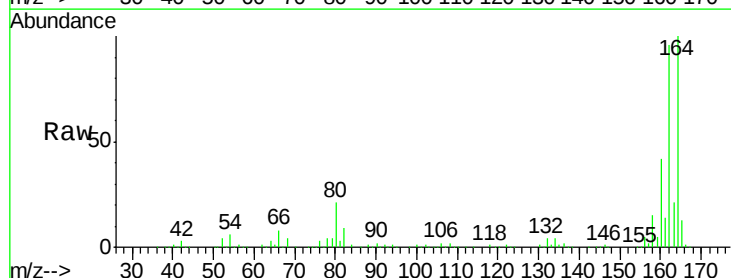
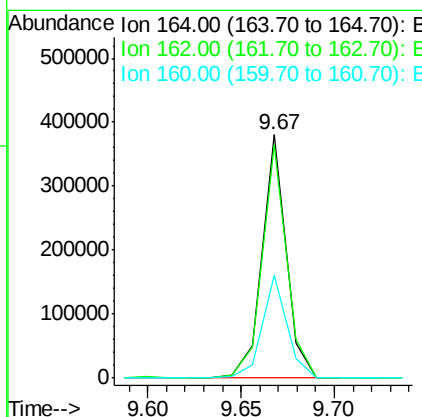
Manual Integrations
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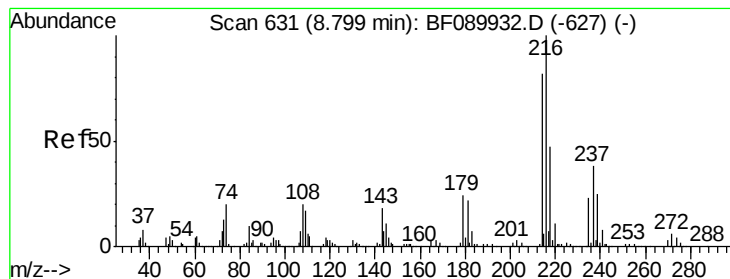
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion:164 Resp: 336064
 Ion Ratio Lower Upper
 164 100
 162 96.0 77.1 115.7
 160 42.5 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.10 ng

RT: 8.80 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

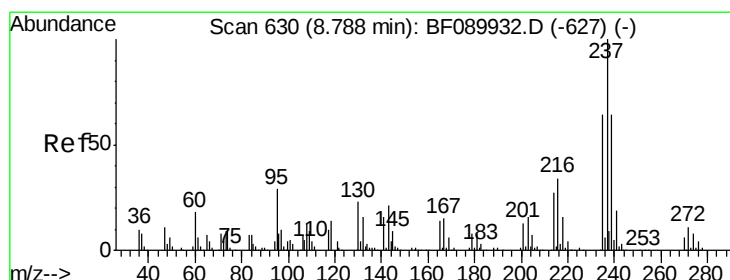
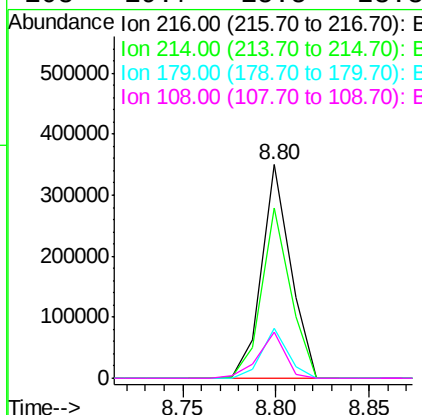
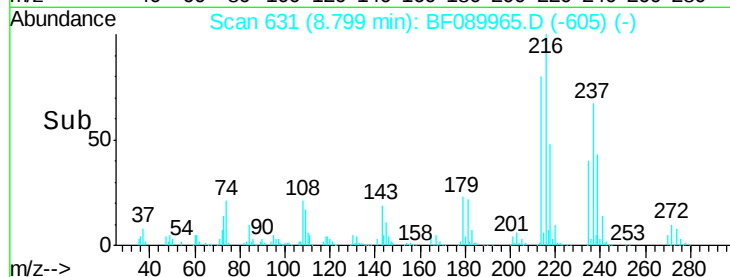
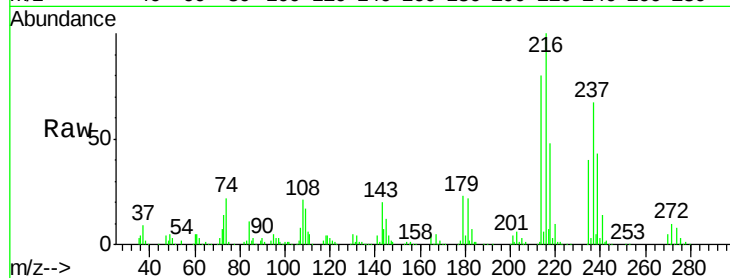
ClientSampleId :

PB93161BS

Tgt Ion:	216	Resp:	375069
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.4	95.2
179	21.0	17.3	25.9
108	19.7	15.5	23.3

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#40

Hexachlorocyclopentadiene

Concen: 76.23 ng

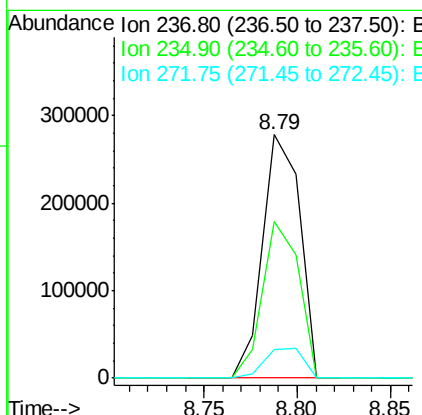
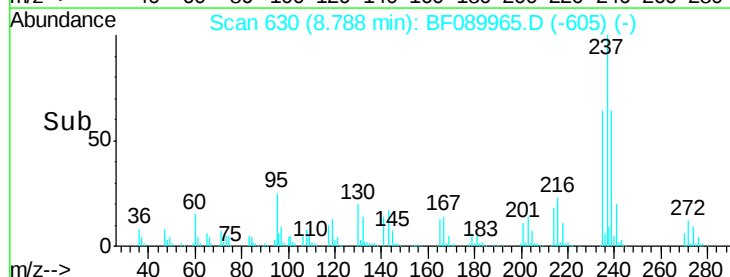
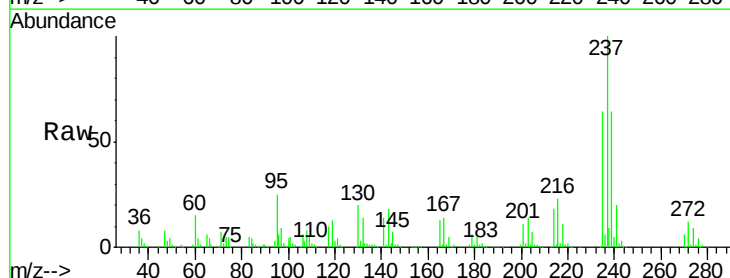
RT: 8.79 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Tgt Ion:	237	Resp:	384782
Ion Ratio	Lower	Upper	
237	100		
235	64.1	39.6	79.6
272	11.7	0.0	34.6





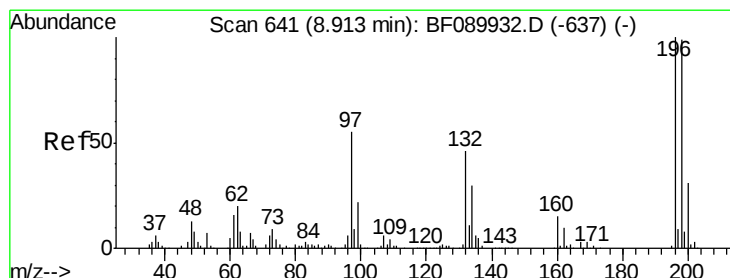
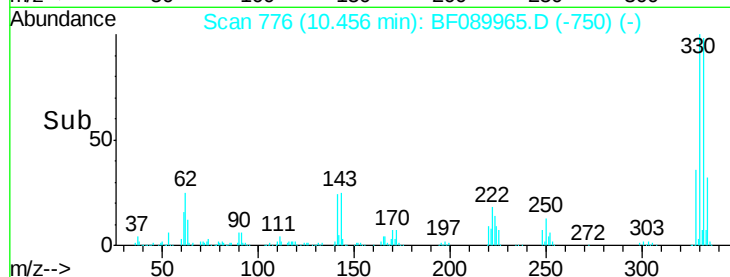
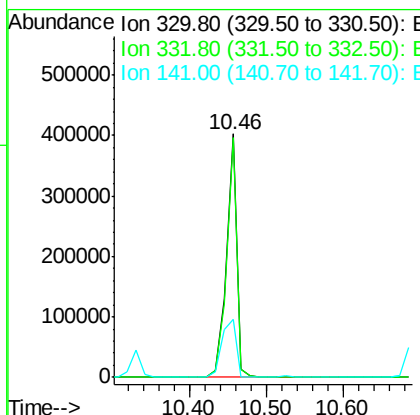
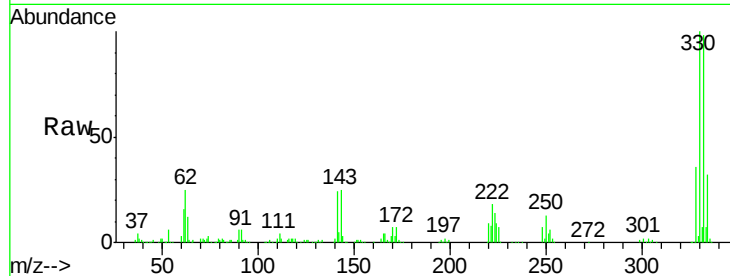
#41
 2,4,6-Tribromophenol
 Concen: 116.85 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampled :
 PB93161BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	387412		
332	97.0	78.6	117.8	
141	33.2	23.3	34.9	

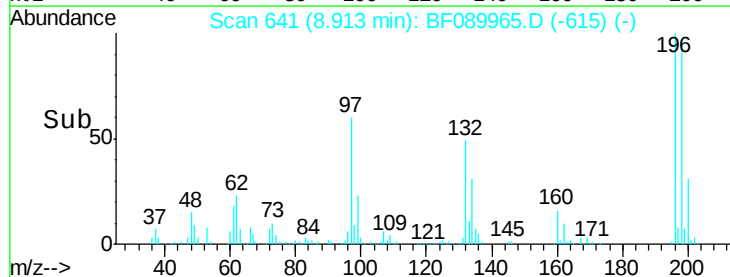
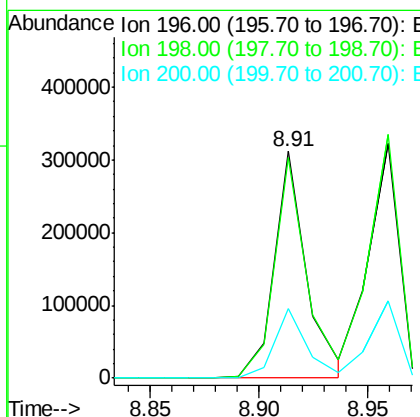
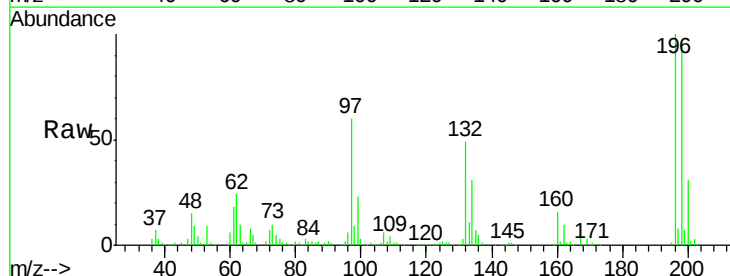
Manual Integrations
 APPROVED

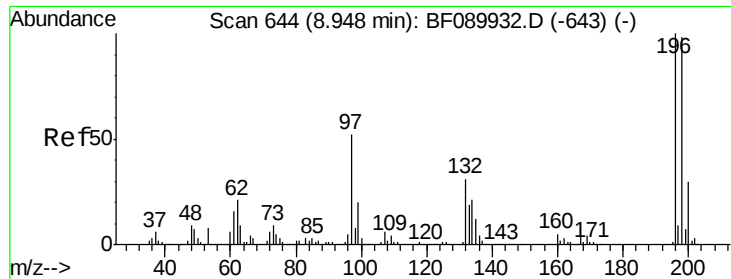
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#42
 2,4,6-Trichlorophenol
 Concen: 47.50 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	324082		
198	97.3	78.3	117.5	
200	30.8	24.8	37.2	





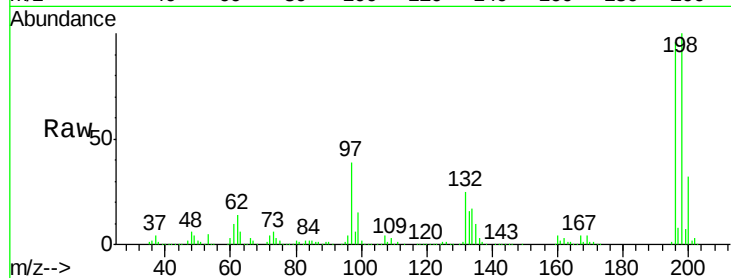
#43
 2,4,5-Trichlorophenol
 Concen: 48.17 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.01 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	316040		
198	103.8	80.8	121.2	
97	40.7	44.2	66.4	
132	26.2	25.8	38.6	

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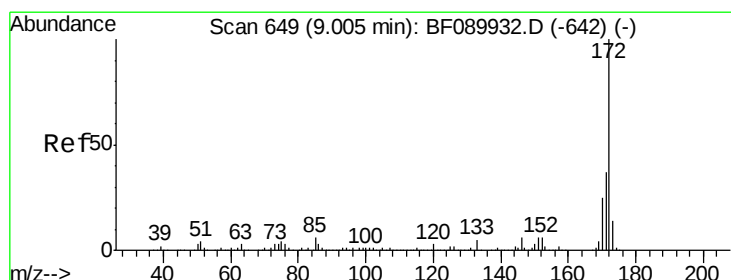
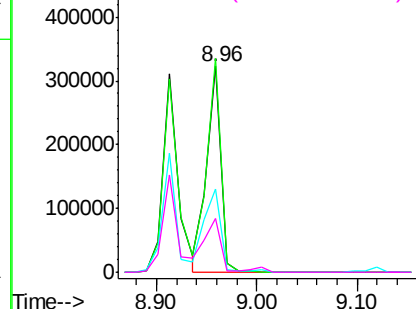
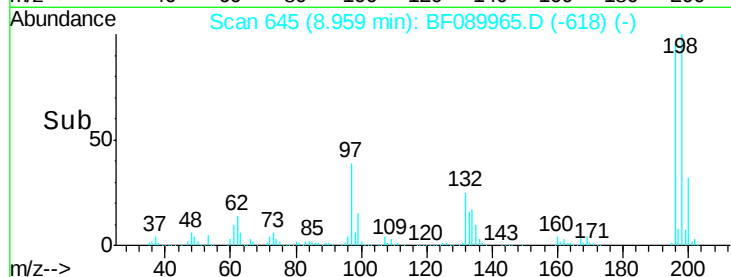
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

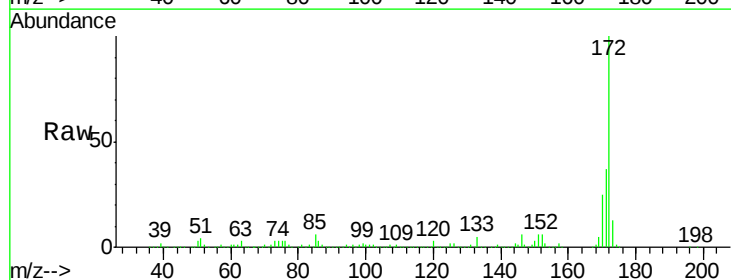
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.60 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1895767		
171	36.6	29.4	44.2	
170	24.8	20.1	30.1	

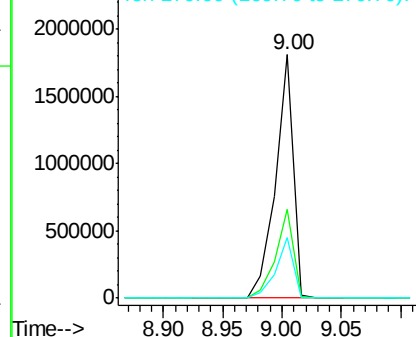
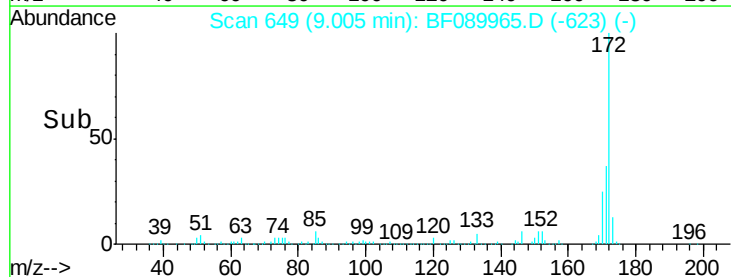


Abundance

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





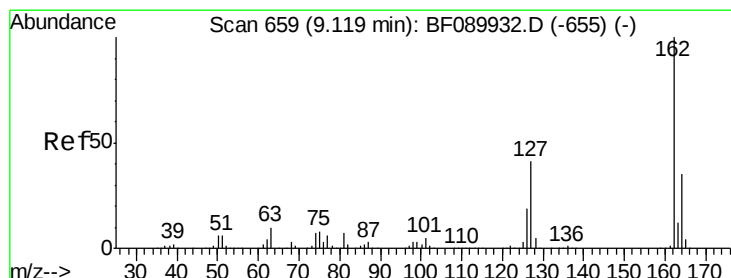
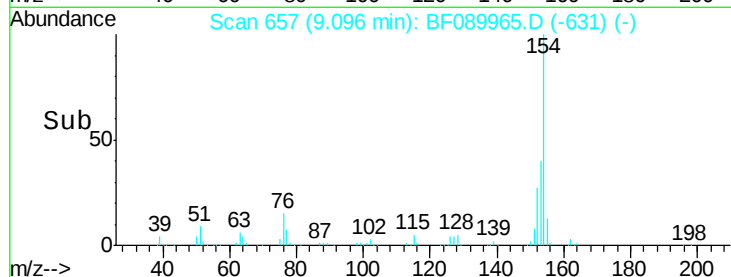
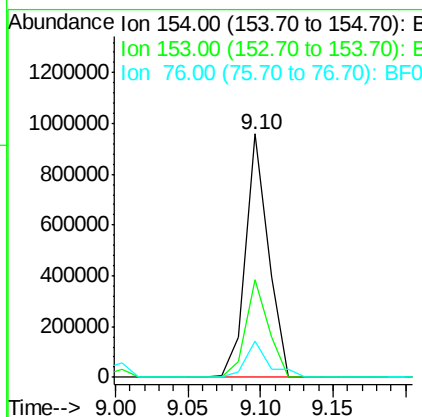
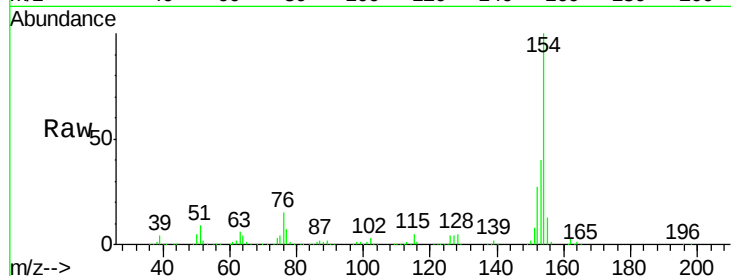
#45
 1,1'-Biphenyl
 Concen: 38.44 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	14.7	0.0	34.9

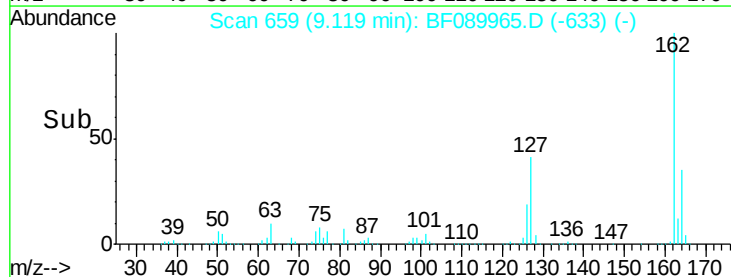
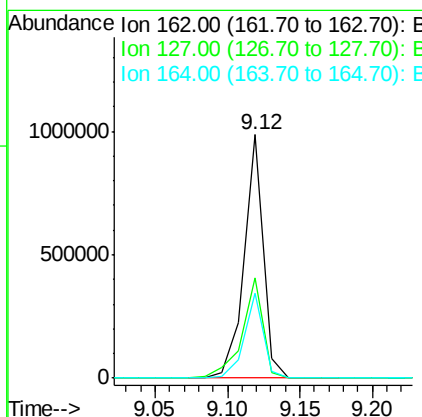
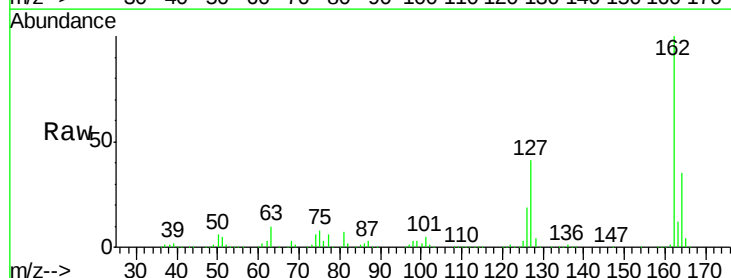
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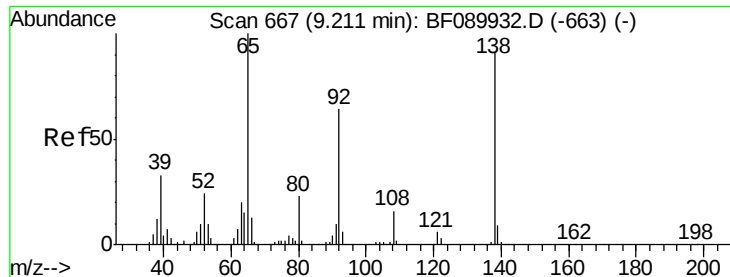
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#46
 2-Chloronaphthalene
 Concen: 47.22 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	33.5	50.3
164	34.7	28.2	42.4





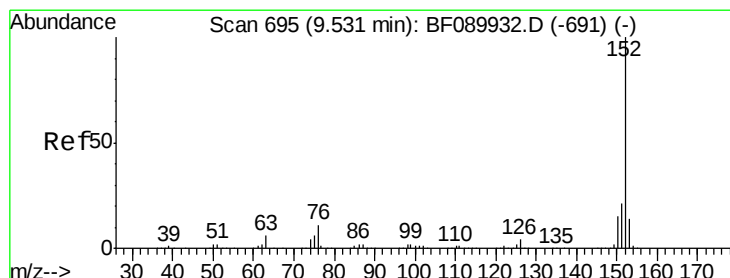
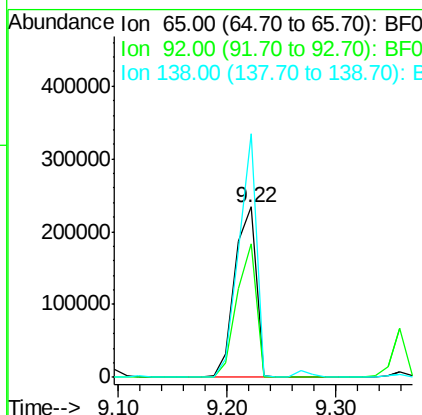
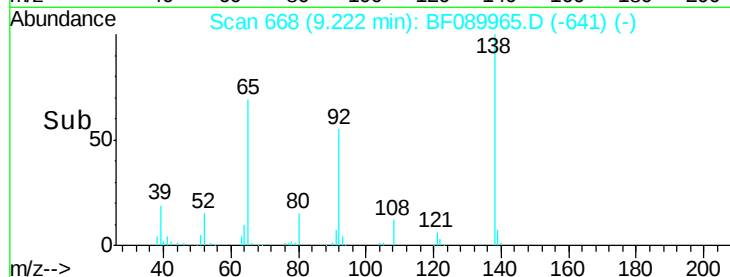
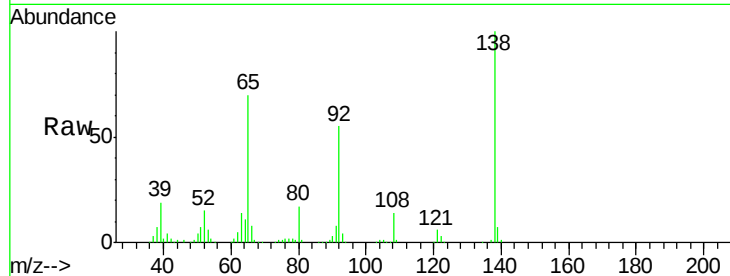
#47
2-Nitroaniline
Concen: 50.18 ng
RT: 9.22 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampleId :
PB93161BS

Tgt Ion: 65 Resp: 313999
Ion Ratio Lower Upper
65 100
92 78.3 52.0 78.0#
138 142.7 72.1 108.1#

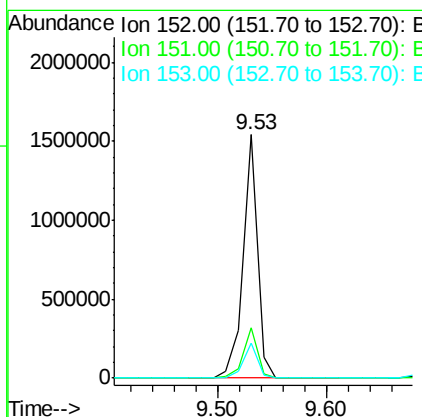
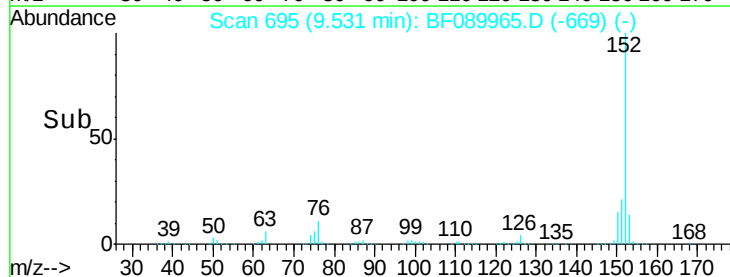
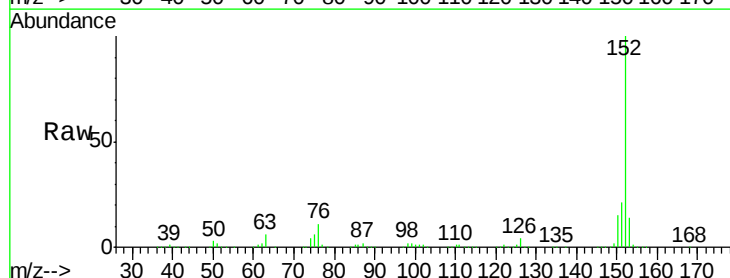
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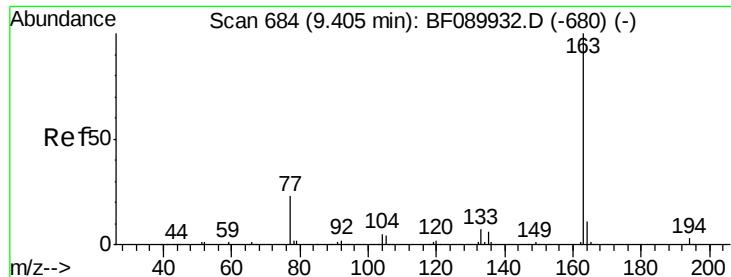
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#48
Acenaphthylene
Concen: 43.78 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion: 152 Resp: 1385621
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1
153 14.2 11.6 17.4





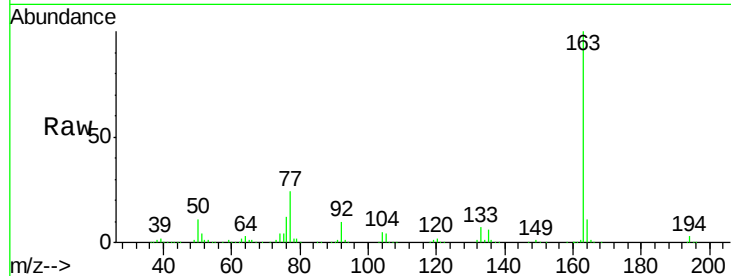
#49
Dimethylphthalate
Concen: 45.00 ng
RT: 9.40 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampleId :
PB93161BS

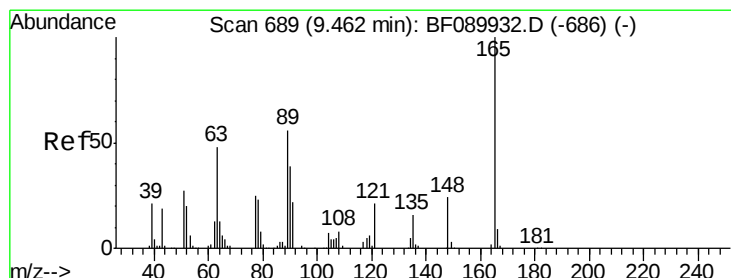
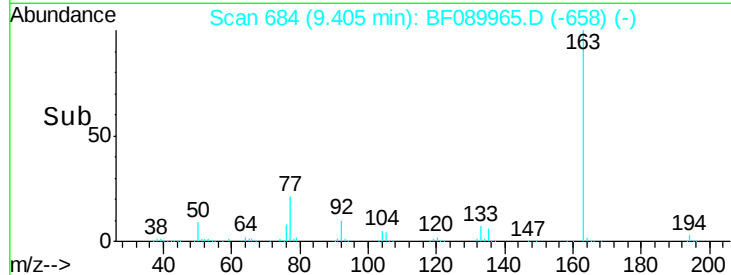
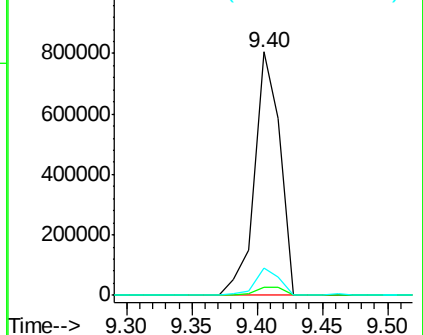
Tgt Ion:163 Resp: 1093147
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 11.1 9.0 13.4

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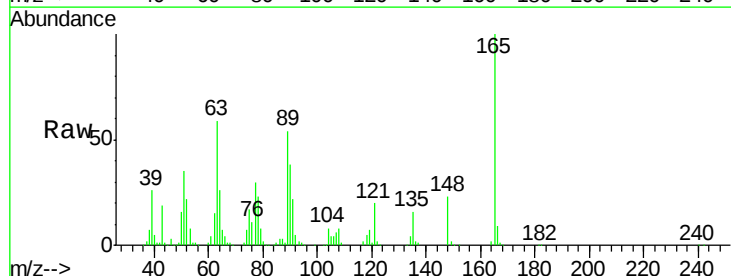


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

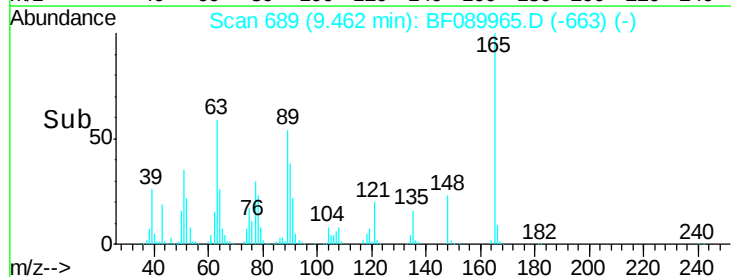
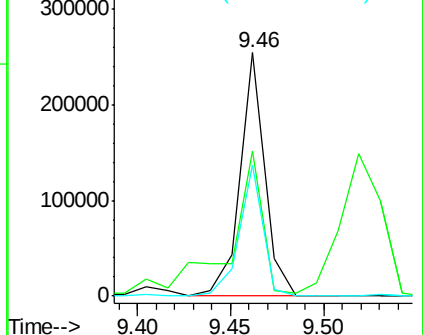


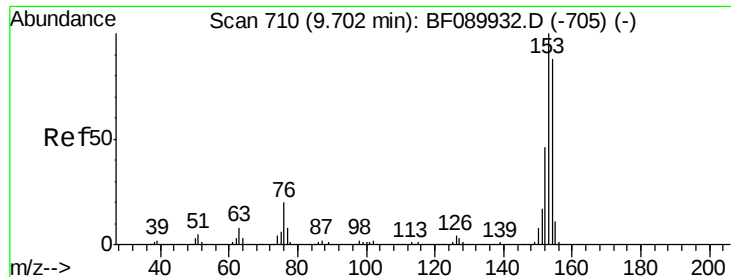
#50
2,6-Dinitrotoluene
Concen: 43.46 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion:165 Resp: 234772
Ion Ratio Lower Upper
165 100
63 59.4 45.0 67.4
89 53.9 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: 47.41 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

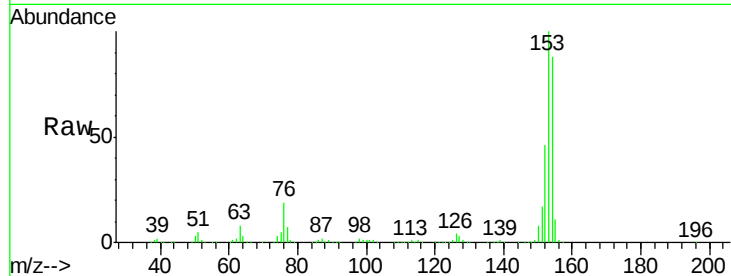
ClientSampled :

PB93161BS

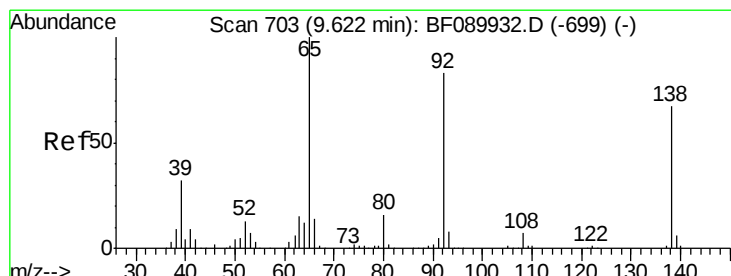
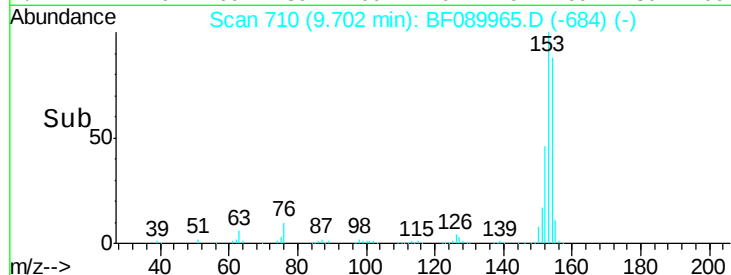
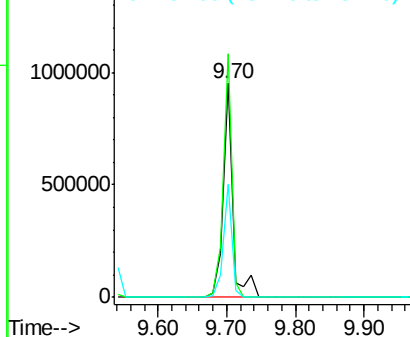
Tgt Ion:	154	Resp:	950701
Ion Ratio	Lower	Upper	
154	100		
153	113.7	90.6	135.8
152	52.8	42.4	63.6

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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: 25.66 ng

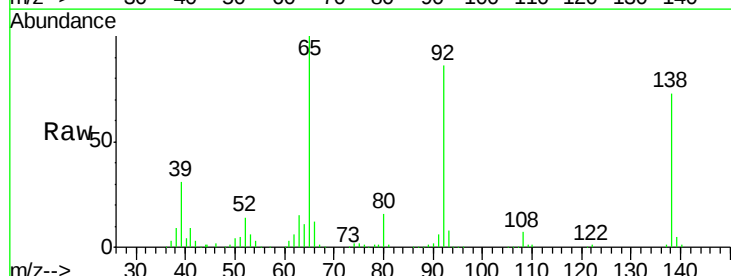
RT: 9.62 min Scan# 703

Delta R.T. 0.00 min

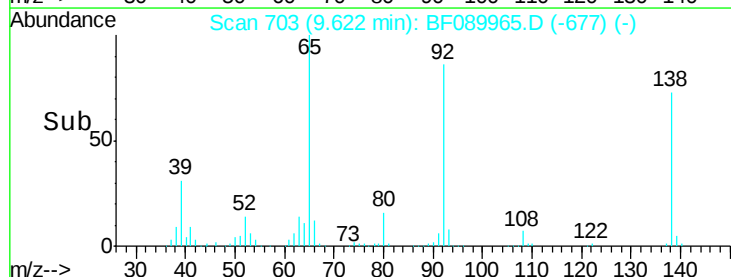
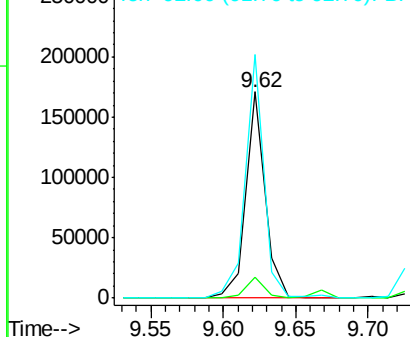
Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Tgt Ion:	138	Resp:	158126
Ion Ratio	Lower	Upper	
138	100		
108	10.1	8.3	12.5
92	118.1	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





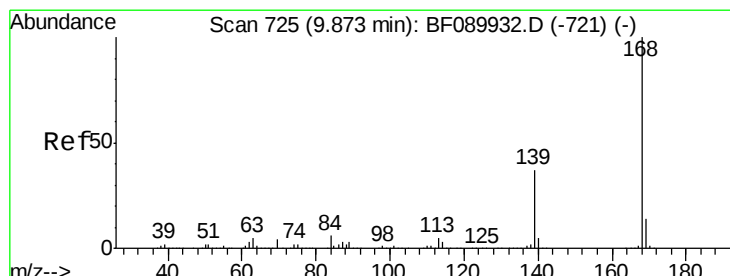
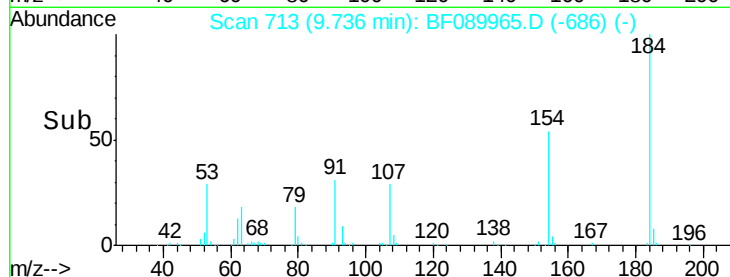
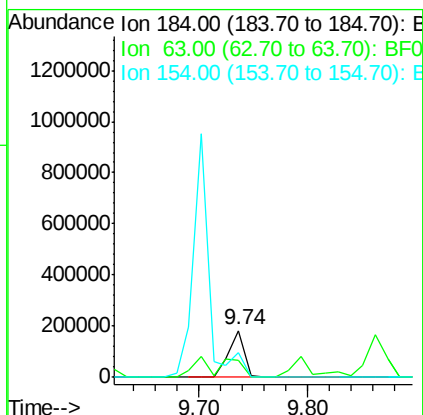
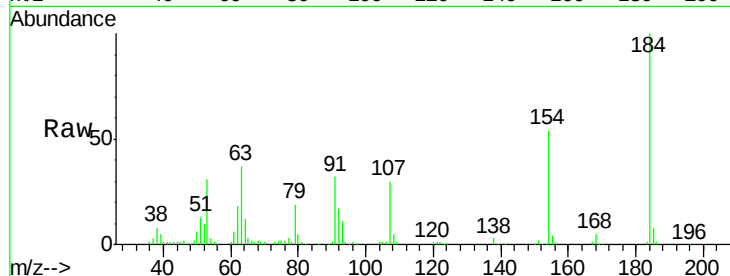
#53
2,4-Dinitrophenol
Concen: 58.19 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.01 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampleId :
PB93161BS

Tgt Ion:184 Resp: 185741
Ion Ratio Lower Upper
184 100
63 37.2 73.9 110.9#
154 53.7 53.5 80.3

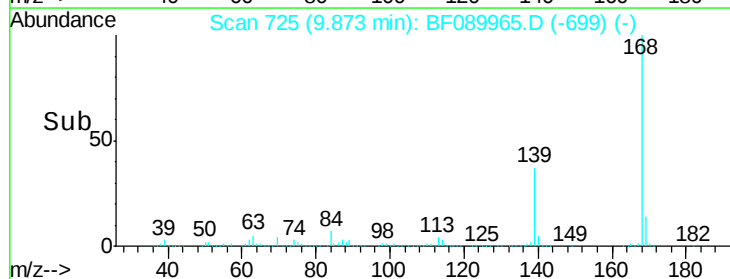
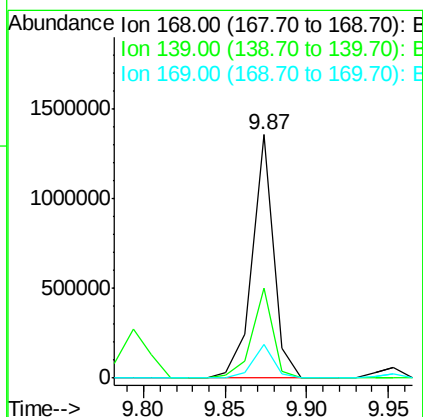
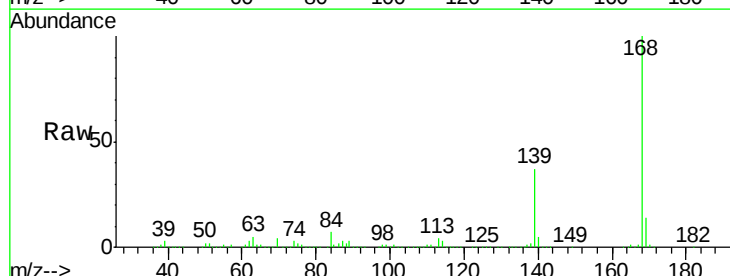
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#54
Dibenzofuran
Concen: 45.99 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion:168 Resp: 1235741
Ion Ratio Lower Upper
168 100
139 36.9 29.5 44.3
169 13.8 10.8 16.2





#55

4-Nitrophenol

Concen: 74.02 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

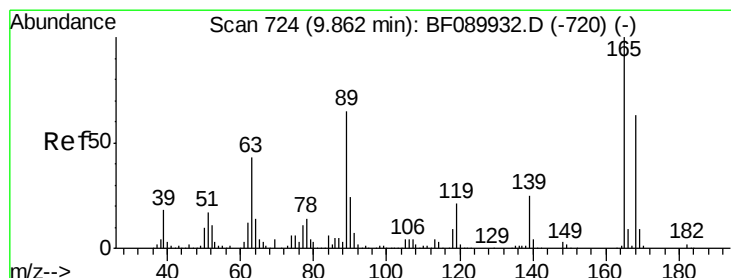
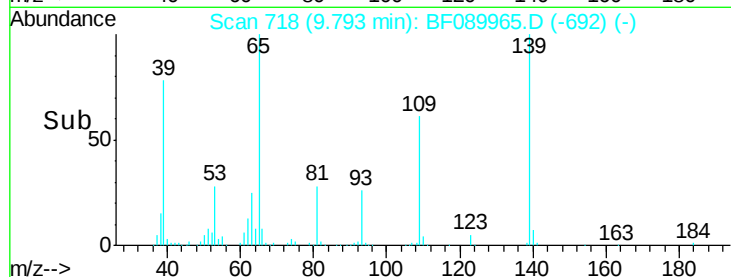
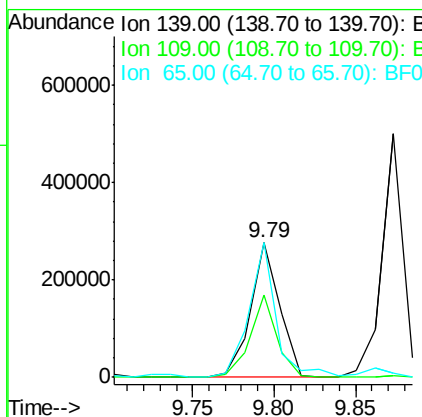
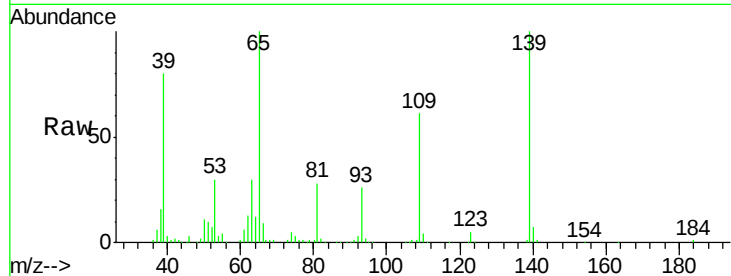
ClientSampleId :

PB93161BS

Tgt Ion:	139	Resp:	344012
Ion Ratio	Lower	Upper	
139	100		
109	61.5	31.3	71.3
65	100.3	38.5	78.5#

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#56

2,4-Dinitrotoluene

Concen: 44.62 ng

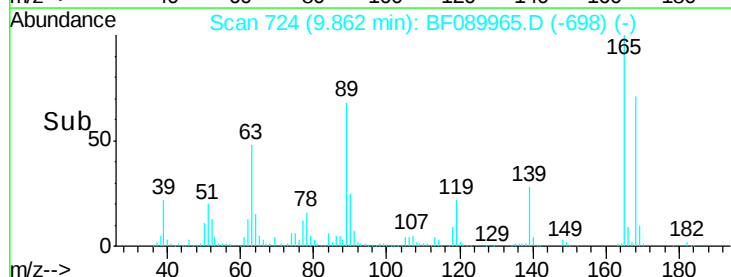
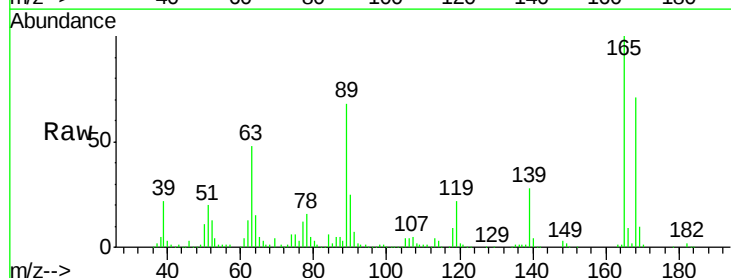
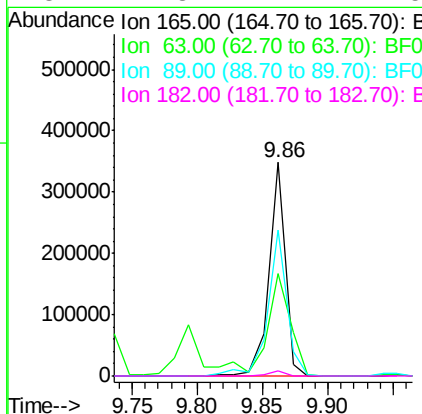
RT: 9.86 min Scan# 724

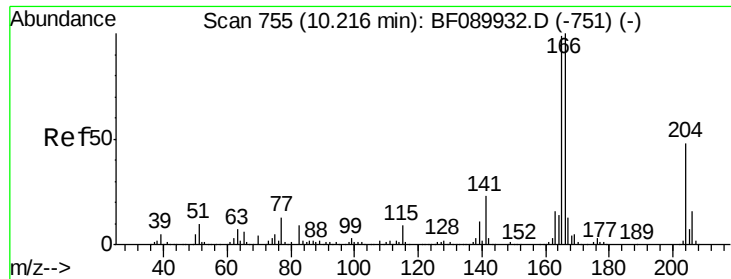
Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Tgt Ion:	165	Resp:	305689
Ion Ratio	Lower	Upper	
165	100		
63	48.2	32.5	48.7
89	68.4	48.3	72.5
182	2.3	1.7	2.5





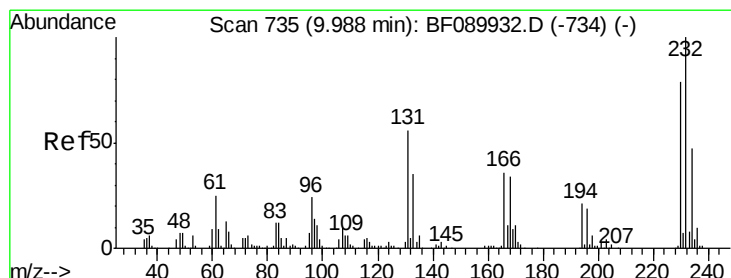
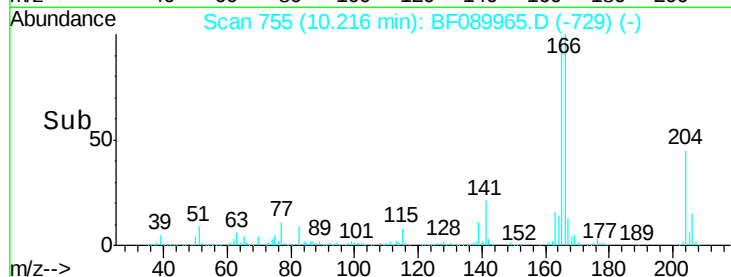
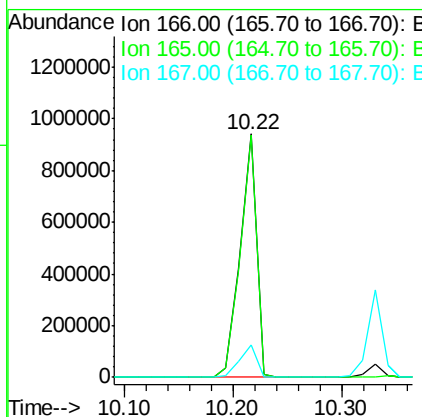
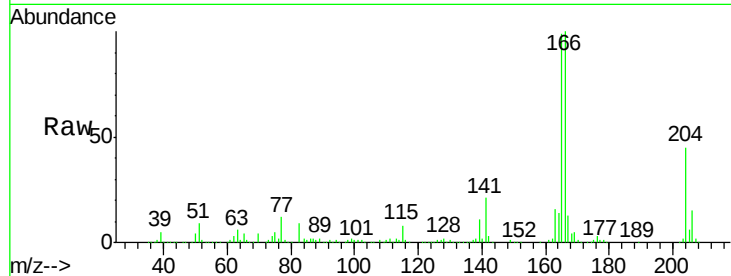
#57
Fluorene
 Concen: 49.27 ng
 RT: 10.22 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	967343		
165	99.5	78.6	118.0	
167	13.3	10.6	15.8	

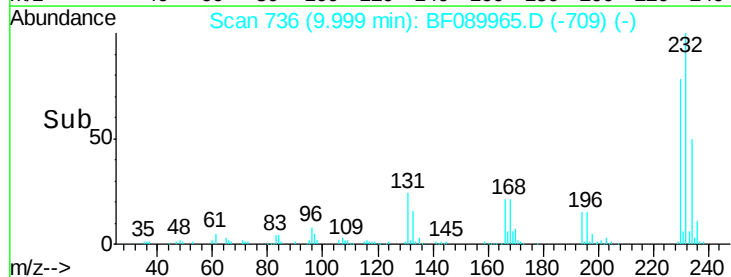
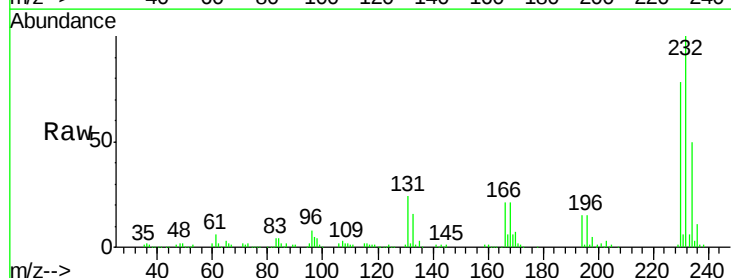
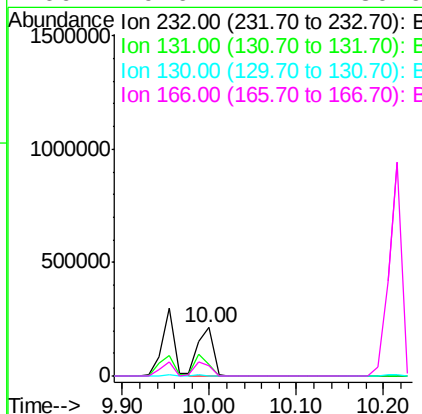
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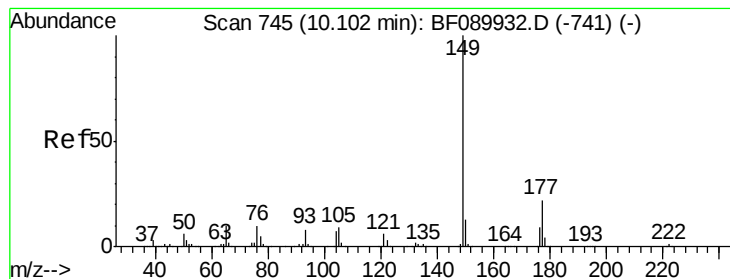
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.36 ng
 RT: 10.00 min Scan# 736
 Delta R.T. 0.01 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	260406		
131	42.0	36.3	54.5	
130	1.9	1.7	2.5	
166	29.6	24.4	36.6	





#59

Diethylphthalate

Concen: 44.68 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

PB93161BS

Tgt Ion:149 Resp: 1020937

Ion Ratio Lower Upper

149 100

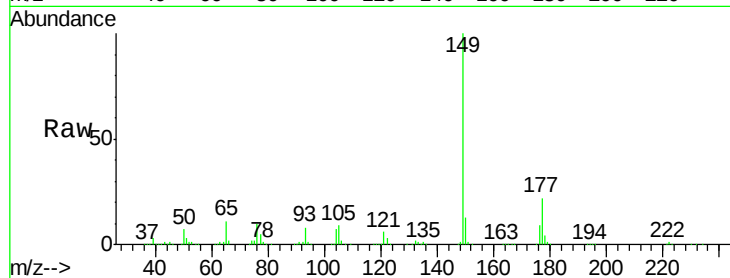
177 22.2 17.7 26.5

150 12.7 10.2 15.2

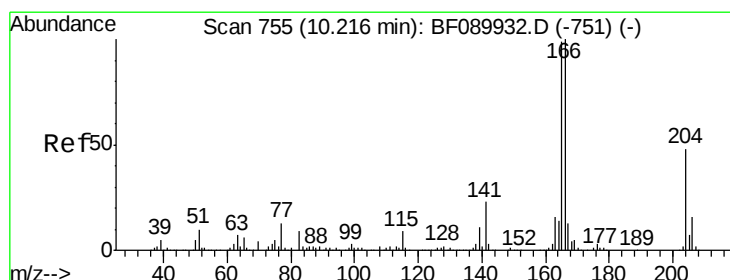
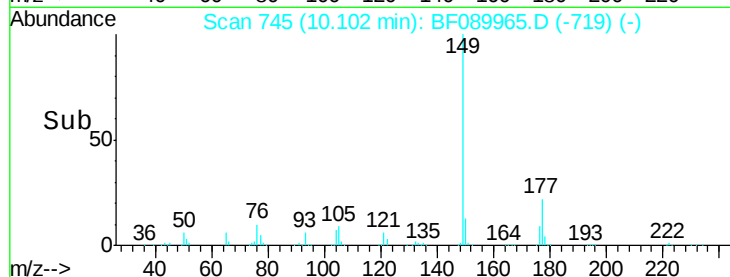
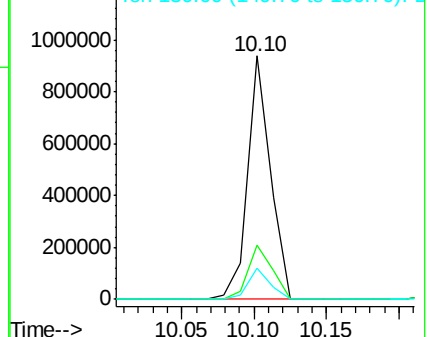
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 48.49 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

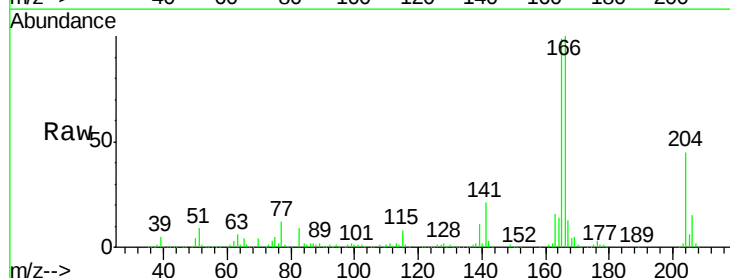
Tgt Ion:204 Resp: 448065

Ion Ratio Lower Upper

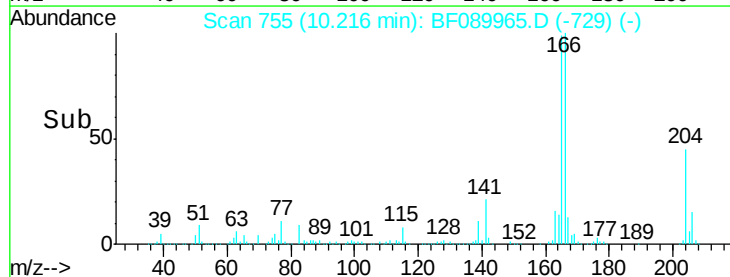
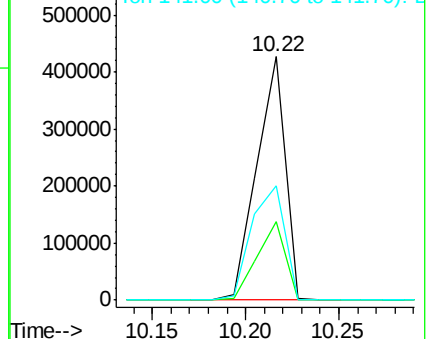
204 100

206 32.4 26.6 40.0

141 47.2 36.5 54.7



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





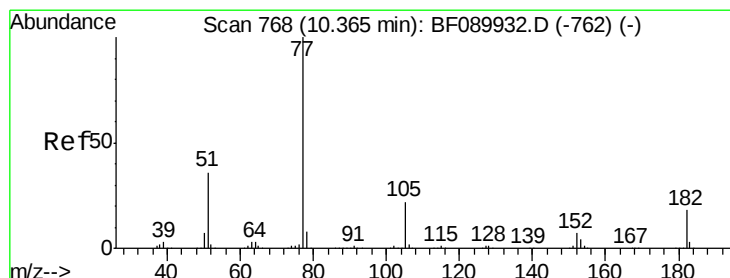
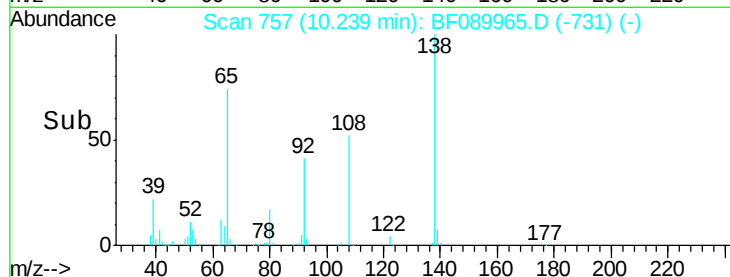
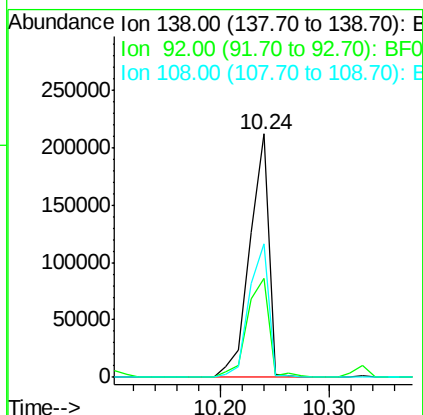
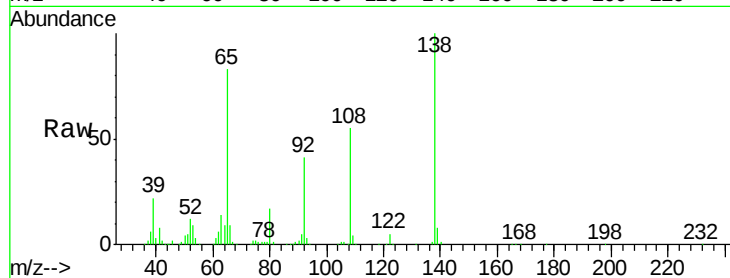
#61
4-Nitroaniline
Concen: 42.84 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampled :
PB93161BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	40.7	21.2	61.2
108	55.0	37.7	77.7

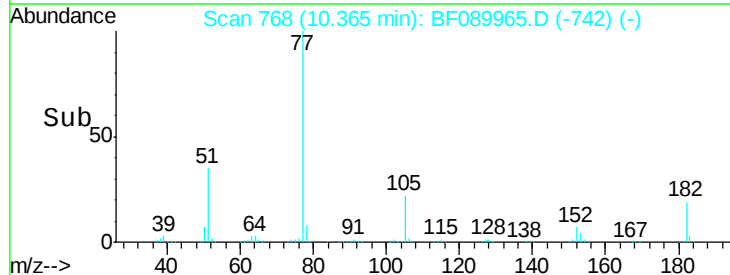
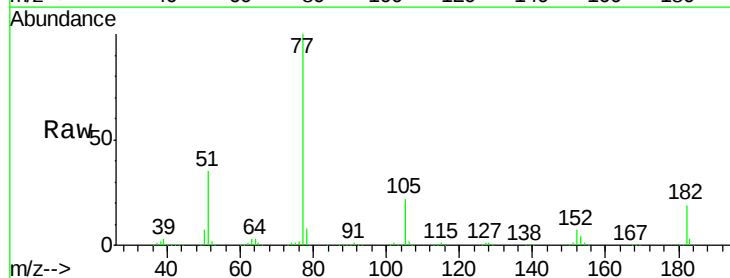
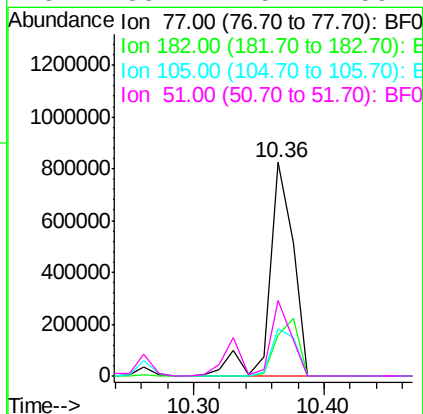
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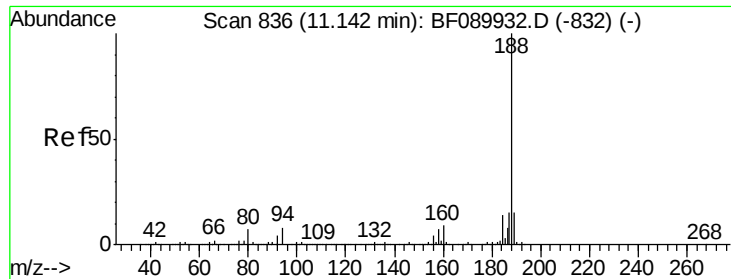
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#62
Azobenzene
Concen: 46.57 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.1	0.0	38.6
105	22.4	2.3	42.3
51	35.4	15.1	55.1





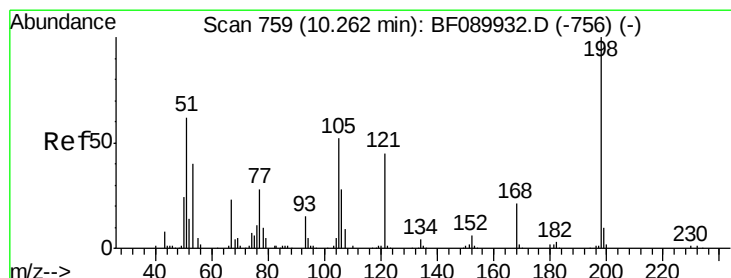
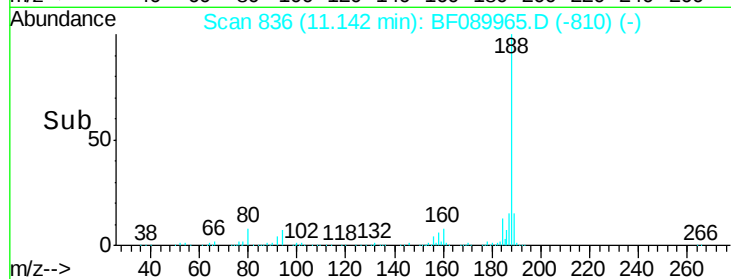
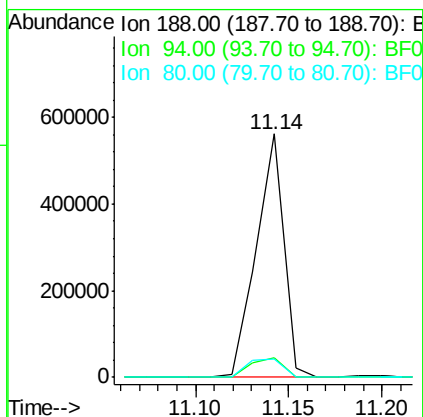
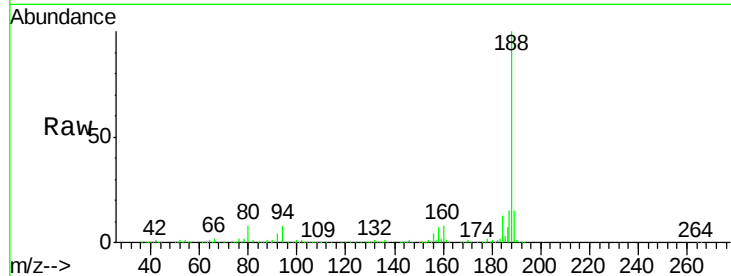
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampleId :
PB93161BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.0	5.9	8.9
80	7.7	5.8	8.8

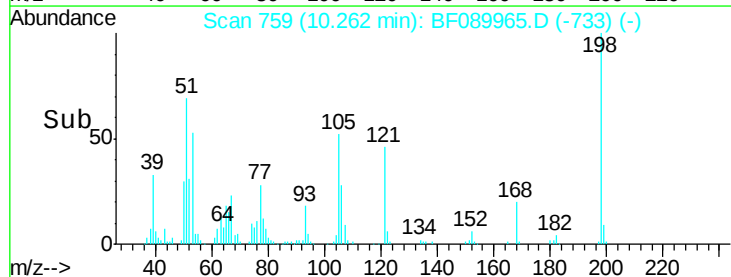
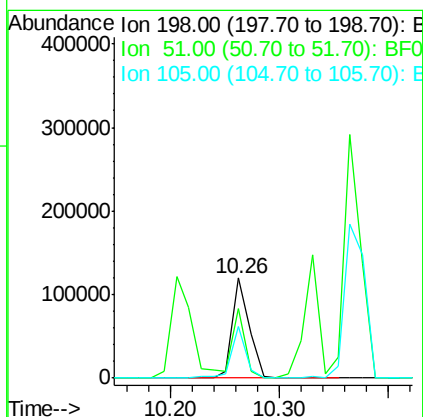
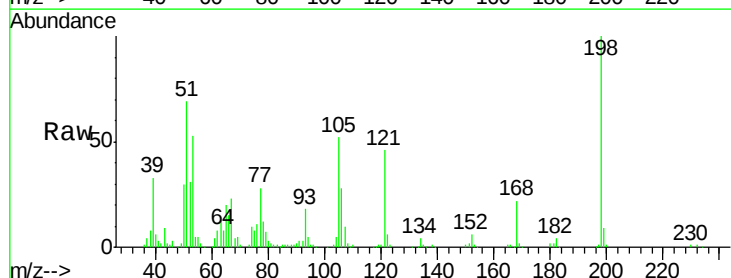
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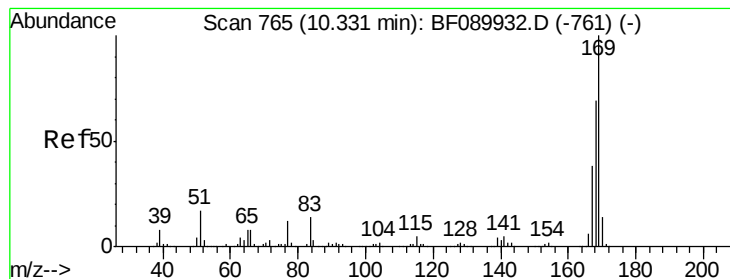
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.48 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	69.3	43.0	83.0
105	51.8	30.3	70.3





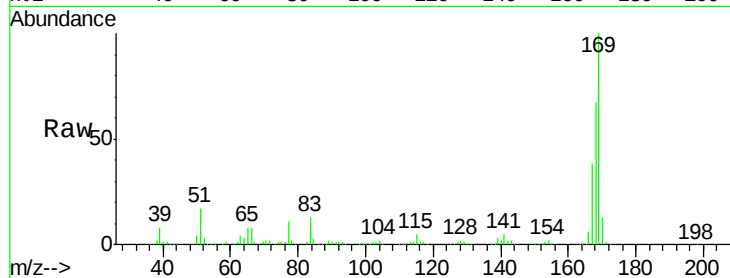
#65
n-Nitrosodiphenylamine
Concen: 47.72 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampled :
PB93161BS

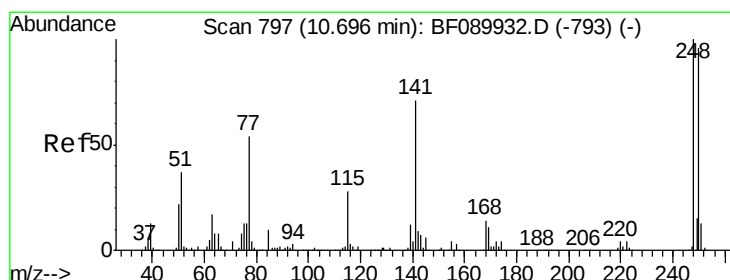
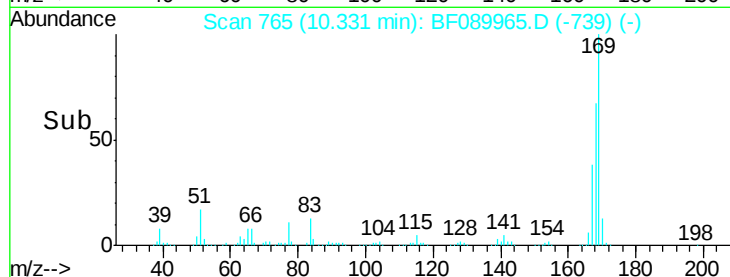
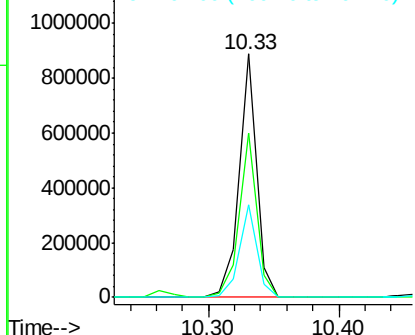
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	821907		
168	67.4	55.0	82.4	
167	37.8	30.5	45.7	

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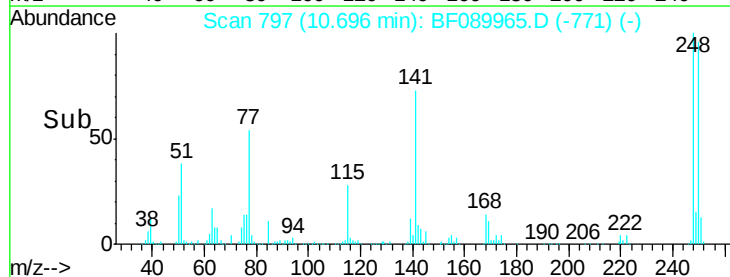
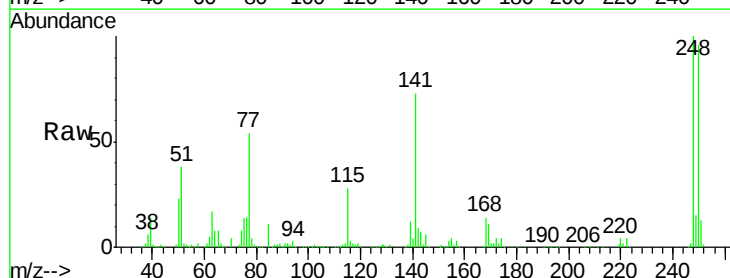
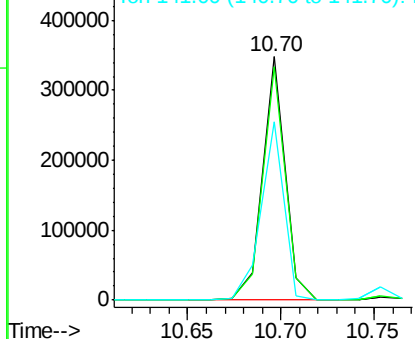
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

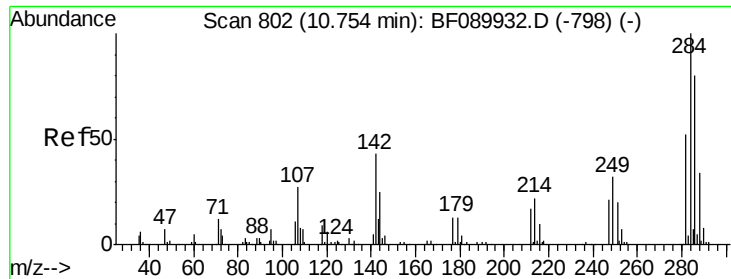


#66
4-Bromophenyl-phenylether
Concen: 50.03 ng
RT: 10.70 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	288558		
250	95.7	77.3	115.9	
141	73.2	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





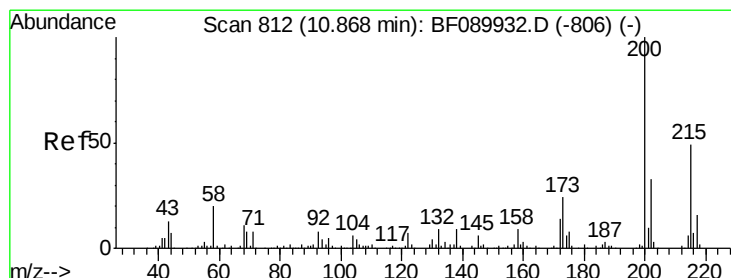
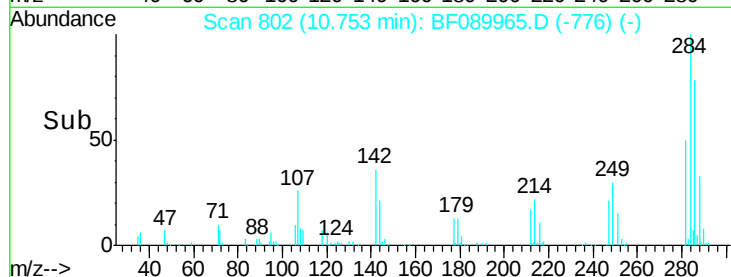
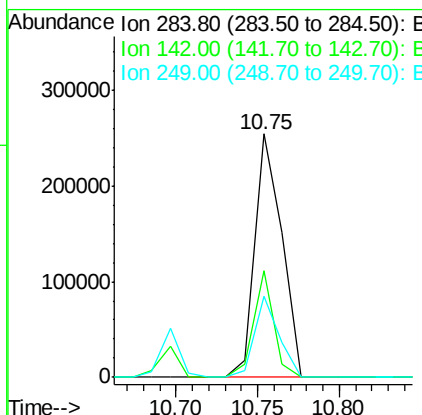
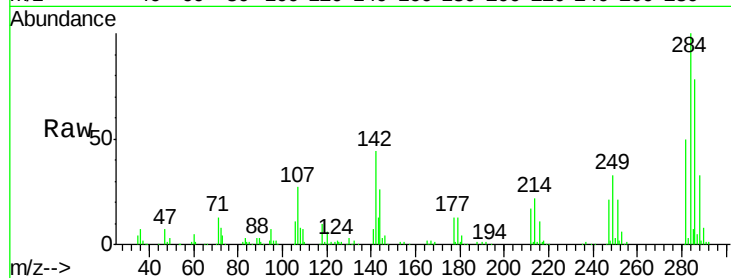
#67
Hexachlorobenzene
Concen: 44.27 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampleId :
PB93161BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	291693		
142	44.1	32.7	49.1	
249	33.4	26.9	40.3	

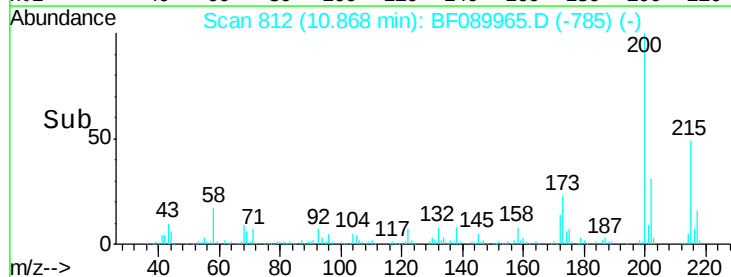
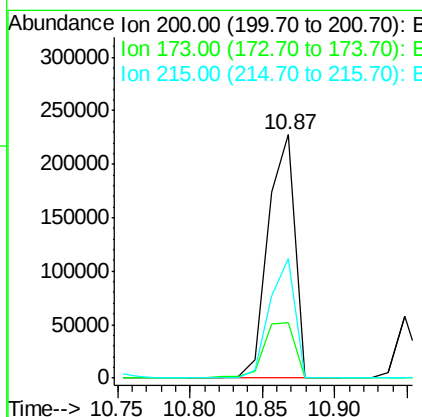
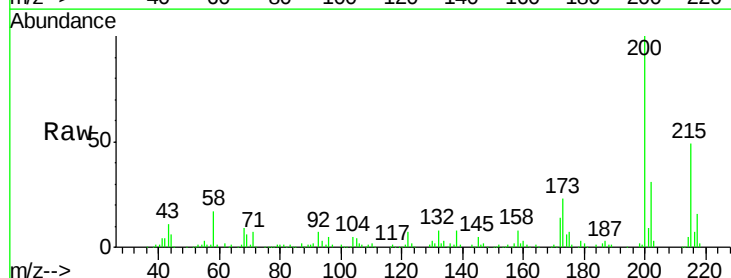
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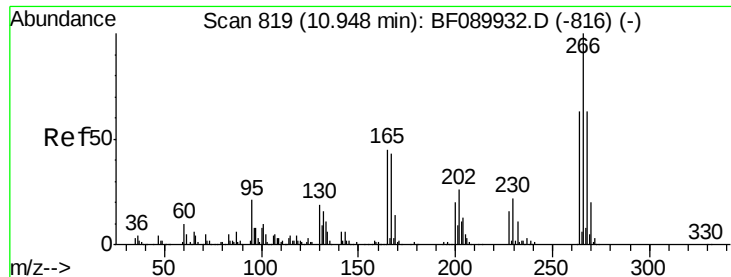
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#68
Atrazine
Concen: 50.32 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	289340		
173	22.6	9.4	49.4	
215	49.2	24.5	64.5	





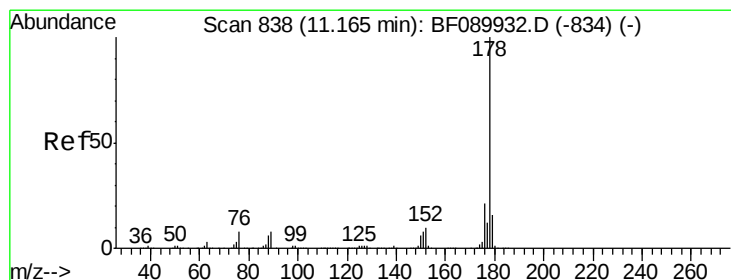
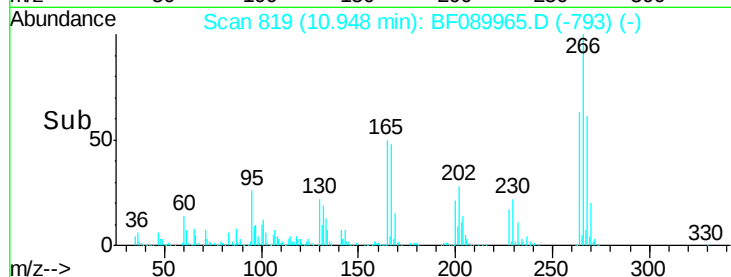
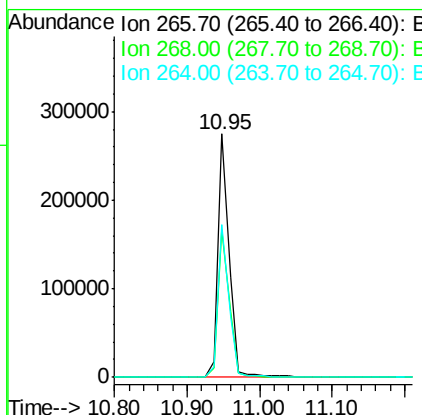
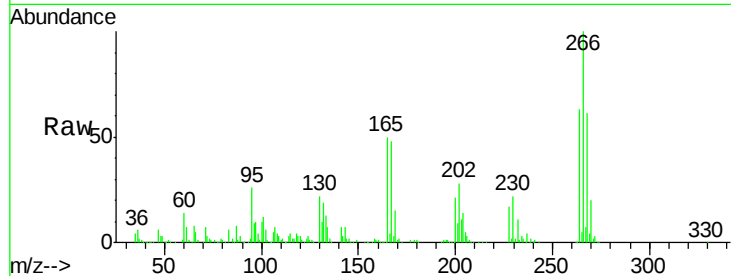
#69
 Pentachlorophenol
 Concen: 83.31 ng
 RT: 10.95 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	295293		
268	60.7	51.0	76.6	
264	62.7	50.6	75.8	

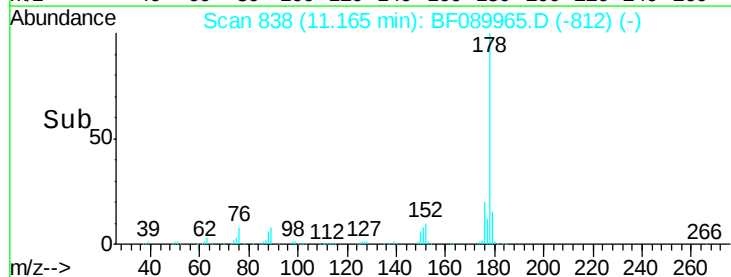
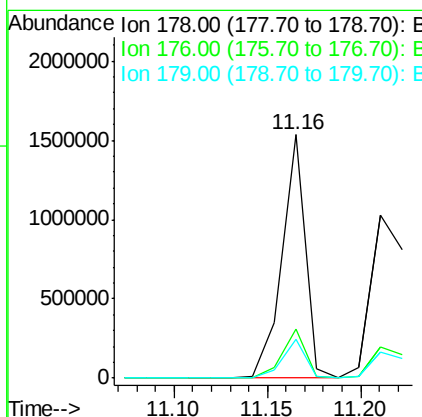
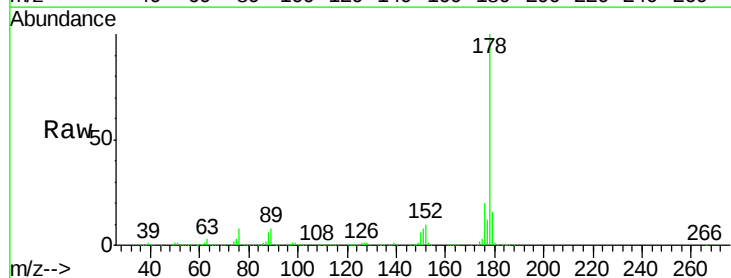
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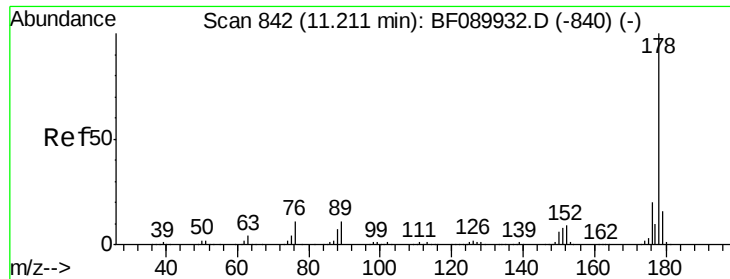
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#70
 Phenanthrene
 Concen: 47.24 ng
 RT: 11.16 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1347735		
176	20.0	16.5	24.7	
179	15.7	12.8	19.2	





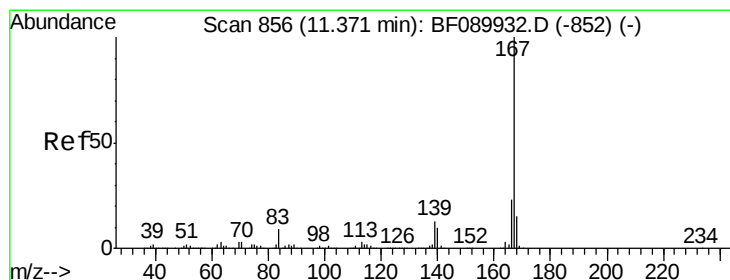
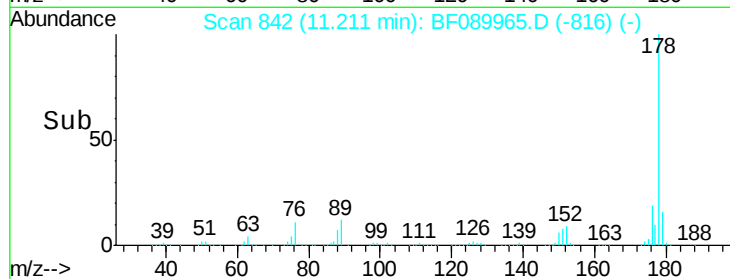
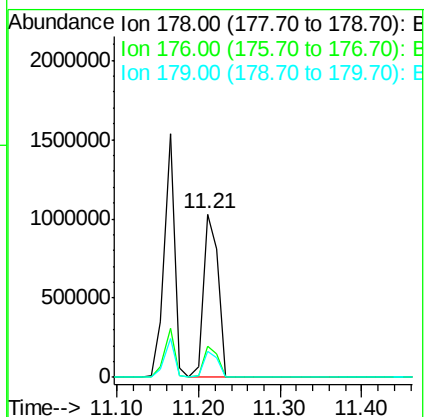
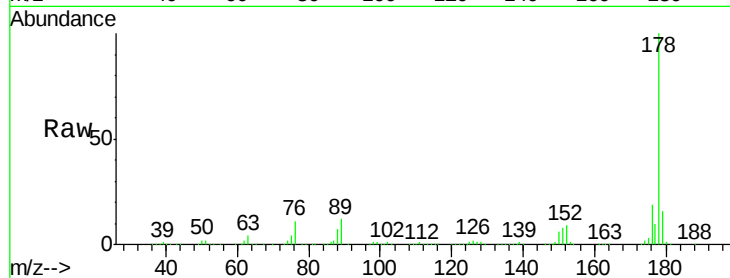
#71
 Anthracene
 Concen: 45.57 ng
 RT: 11.21 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BS

Tgt Ion:178 Resp: 1318629
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.9 13.0 19.4

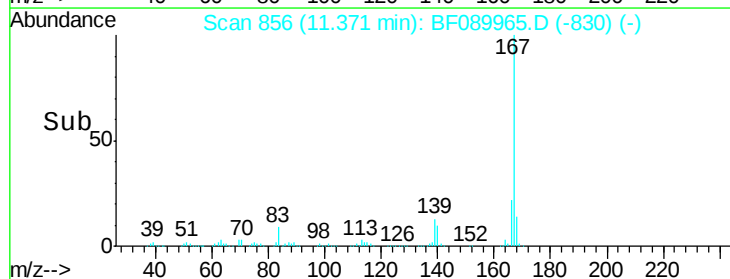
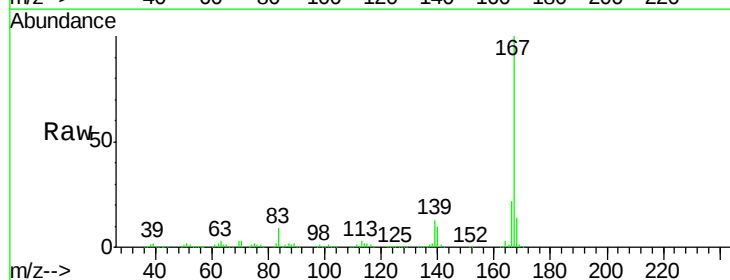
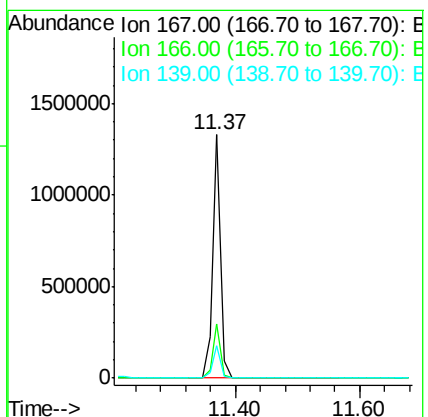
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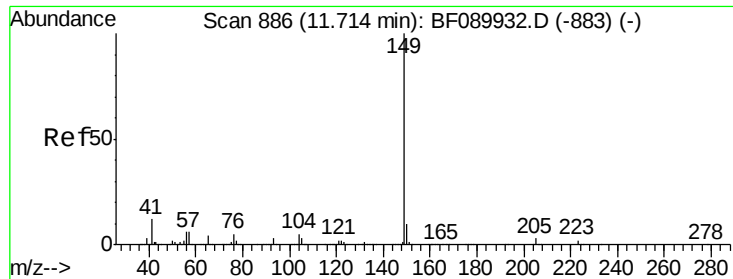
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#72
 Carbazole
 Concen: 42.39 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion:167 Resp: 1150165
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.2 10.4 15.6





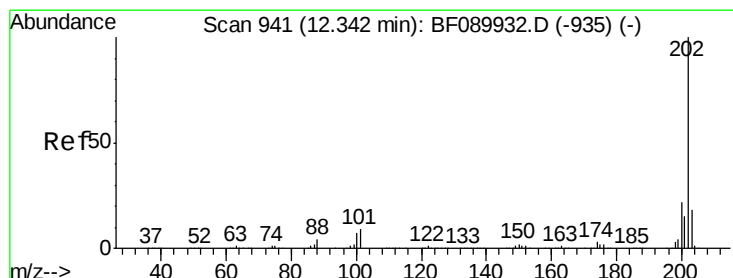
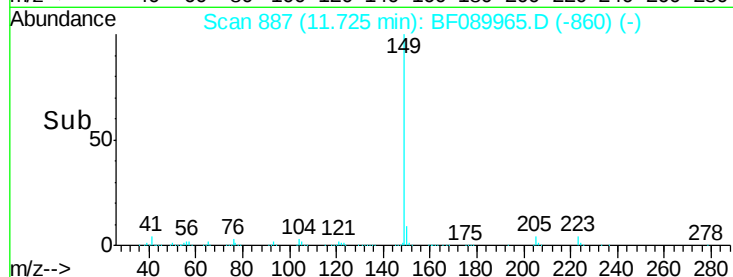
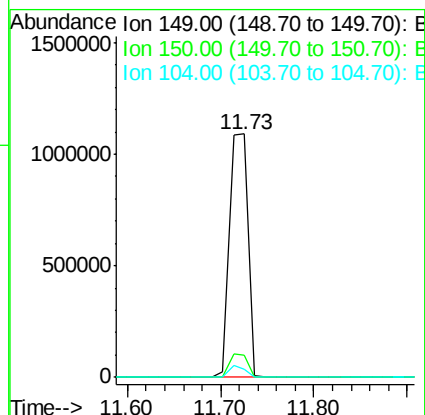
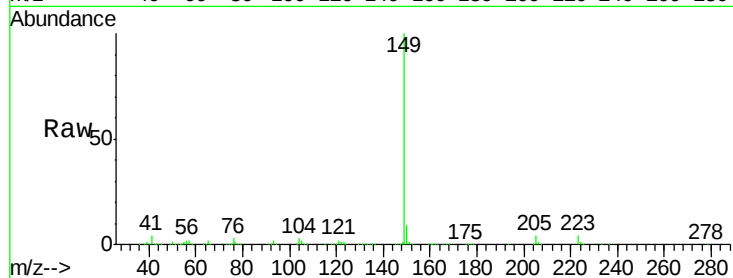
#73
Di-n-butylphthalate
Concen: 48.03 ng
RT: 11.73 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampleId :
PB93161BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.8	11.8
104	3.2	3.9	5.9

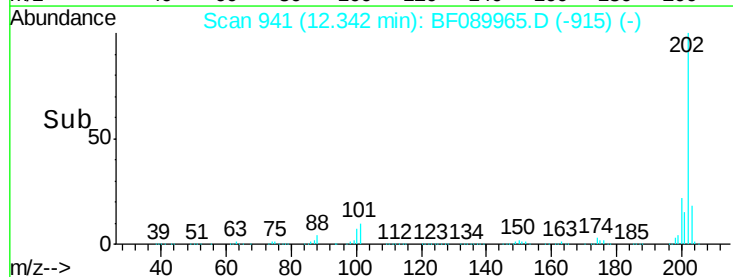
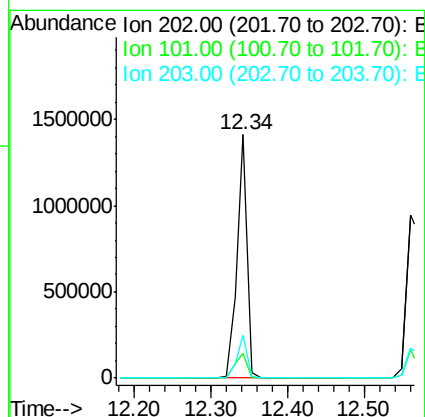
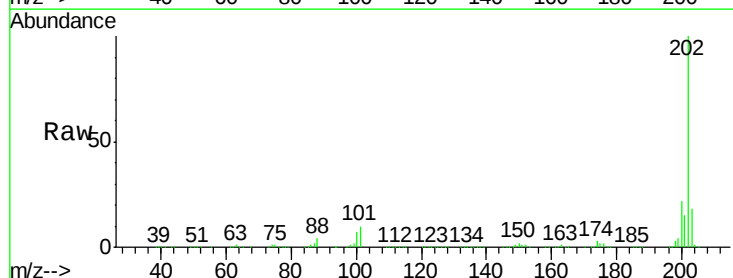
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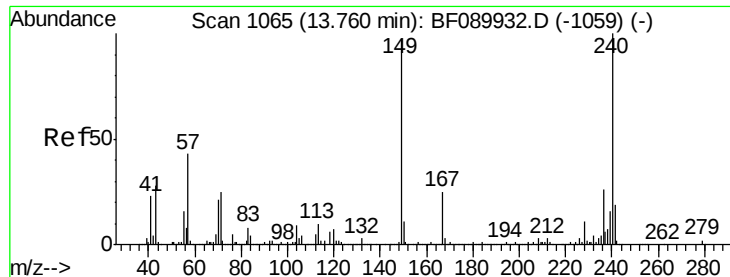
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#74
Fluoranthene
Concen: 44.47 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	28.5
203	17.8	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

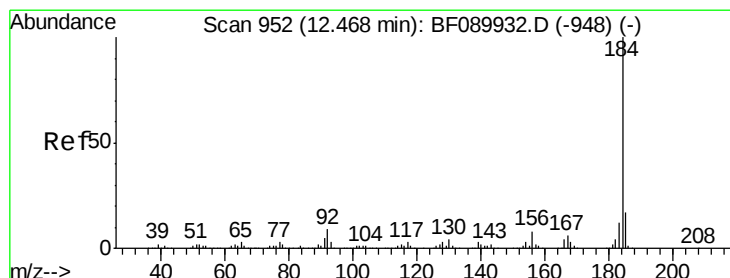
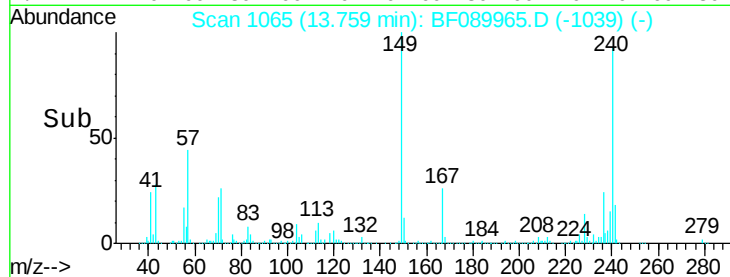
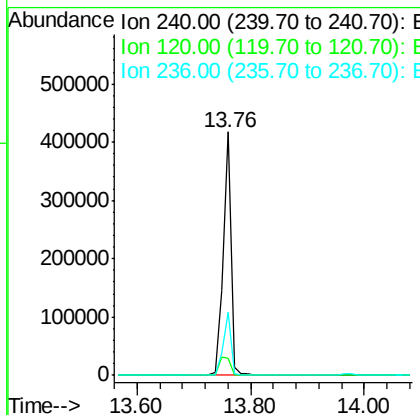
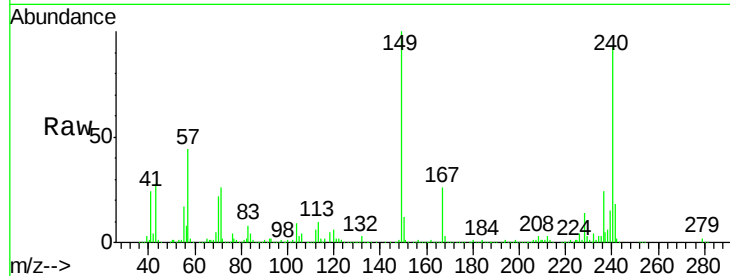
ClientSampleId :

PB93161BS

Tgt Ion:240 Resp: 408444
 Ion Ratio Lower Upper
 240 100
 120 6.9 5.7 8.5
 236 26.1 21.3 31.9

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#76

Benzidine

Concen: 28.83 ng

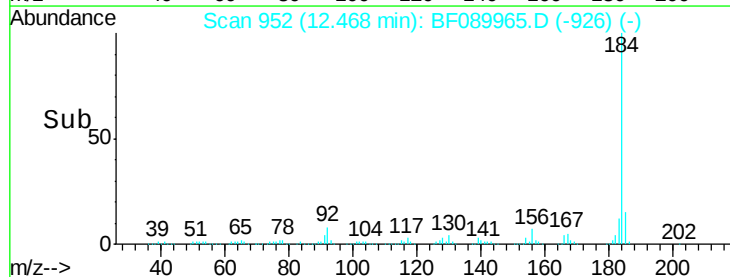
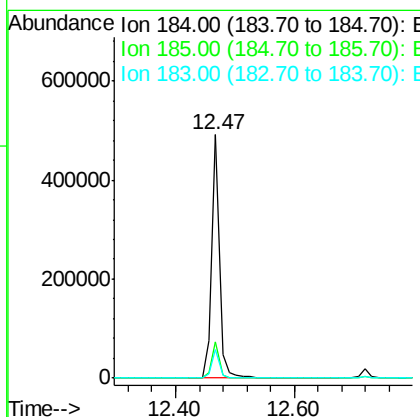
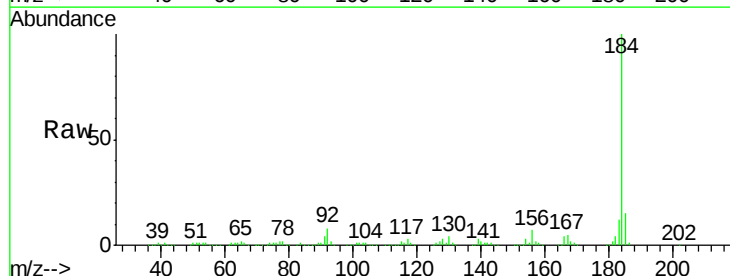
RT: 12.47 min Scan# 952

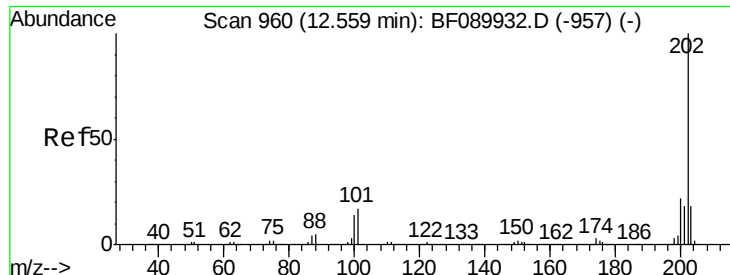
Delta R.T. 0.00 min

Lab File: BF089965.D

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Tgt Ion:184 Resp: 446143
 Ion Ratio Lower Upper
 184 100
 185 14.7 13.8 20.8
 183 11.5 9.6 14.4





#77
Pyrene
 Concen: 44.55 ng
 RT: 12.56 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

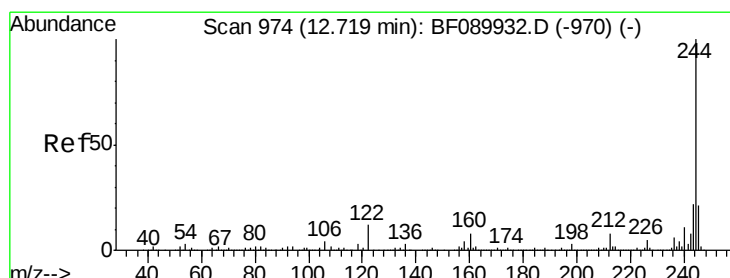
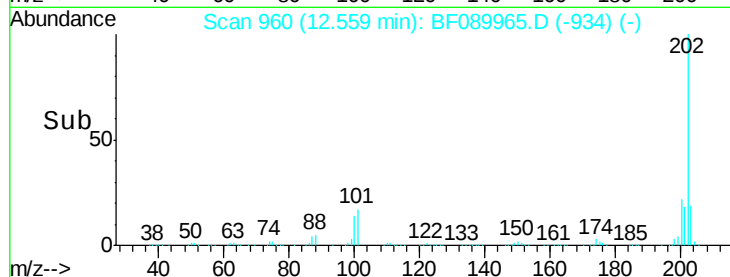
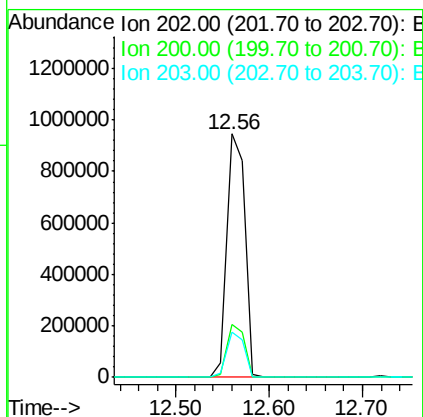
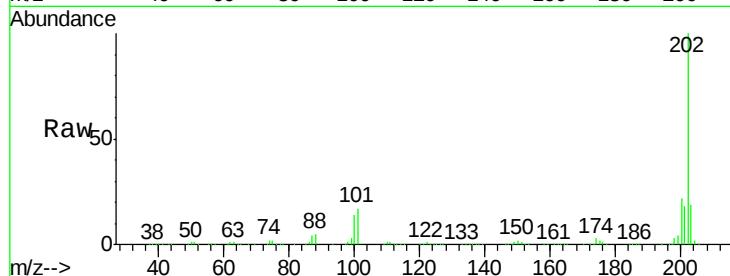
Instrument :
 BNA_F
 ClientSampleId :
 PB93161BS

Tgt Ion: 202 Resp: 1283002

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.6	14.6	21.8

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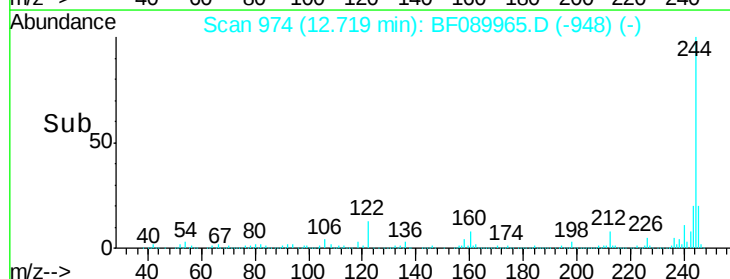
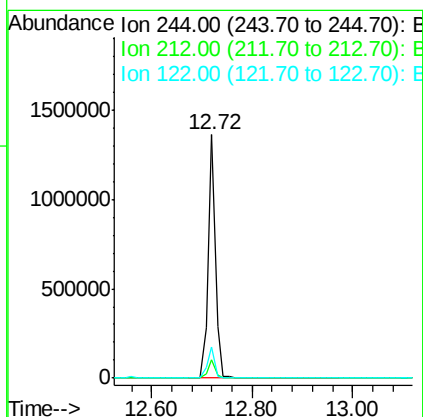
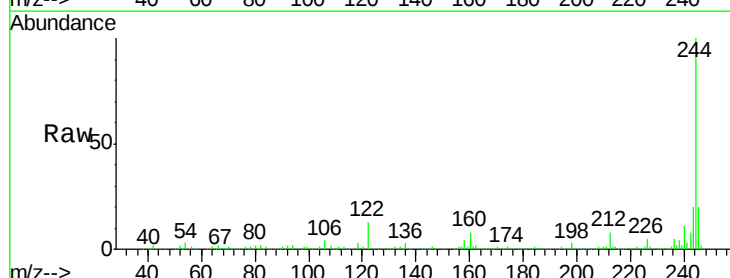
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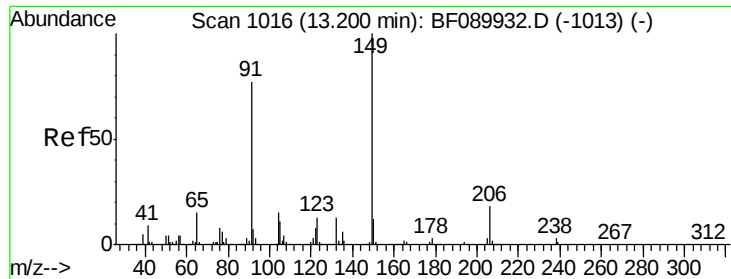


#78
Terphenyl-d14
 Concen: 82.18 ng
 RT: 12.72 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion: 244 Resp: 1358724

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	12.5	9.6	14.4





#79

Butylbenzylphthalate

Concen: 47.61 ng

RT: 13.20 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

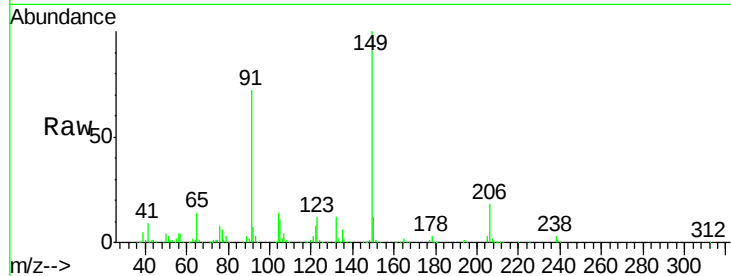
ClientSampleId :

PB93161BS

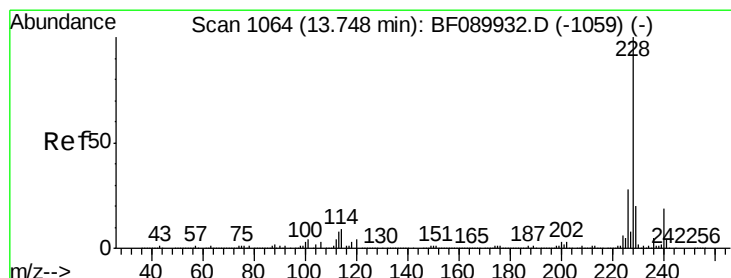
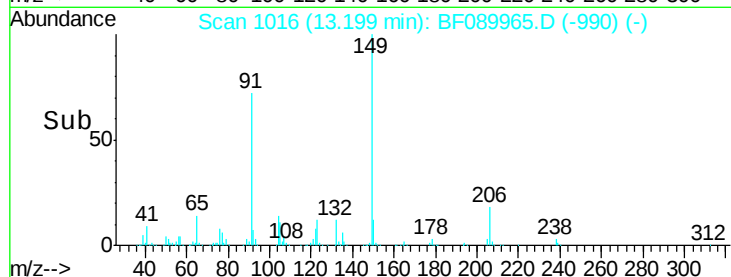
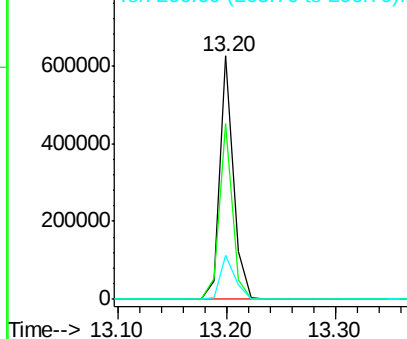
Tgt Ion:	149	Resp:	552896
Ion Ratio	Lower	Upper	
149	100		
91	72.4	60.0	90.0
206	18.0	15.1	22.7

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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: 46.94 ng

RT: 13.75 min Scan# 1064

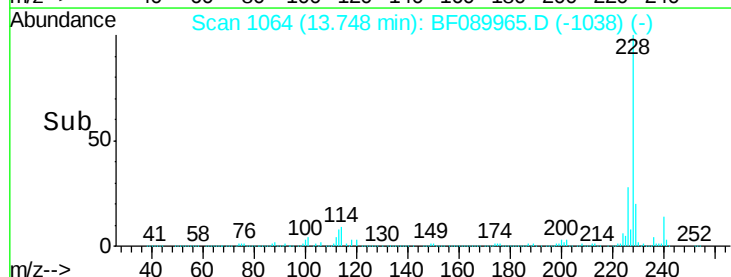
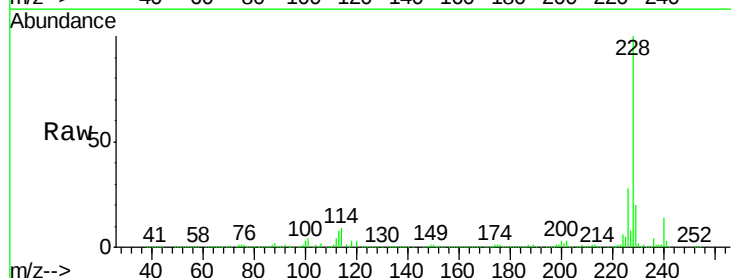
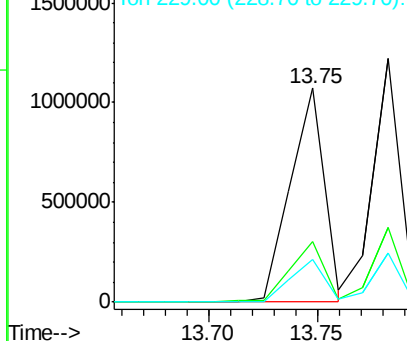
Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Tgt Ion:	228	Resp:	1174220
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.2	33.2
229	20.0	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





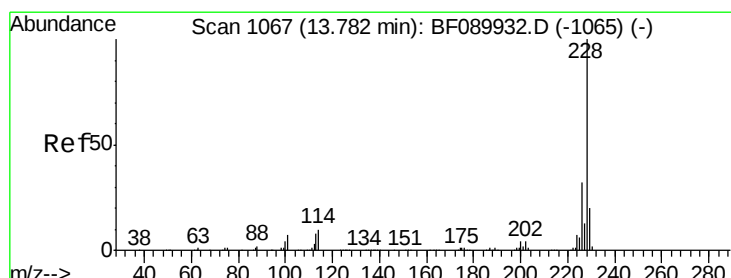
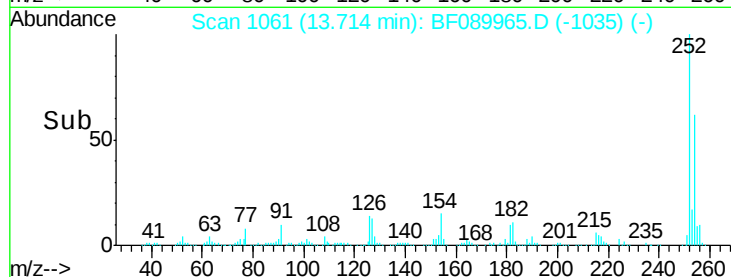
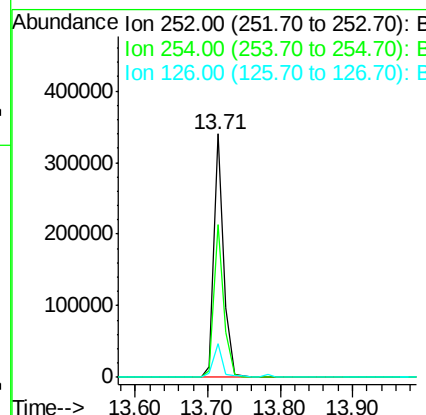
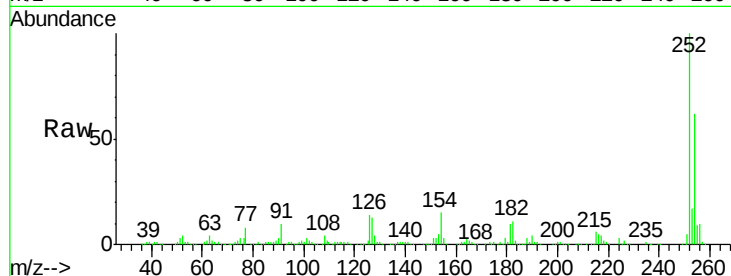
#81
 3,3'-Dichlorobenzidine
 Concen: 35.43 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Instrument :
 BNA_F
 ClientSampleId :
 PB93161BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	319901		
254	62.5	51.3	76.9	
126	13.6	12.3	18.5	

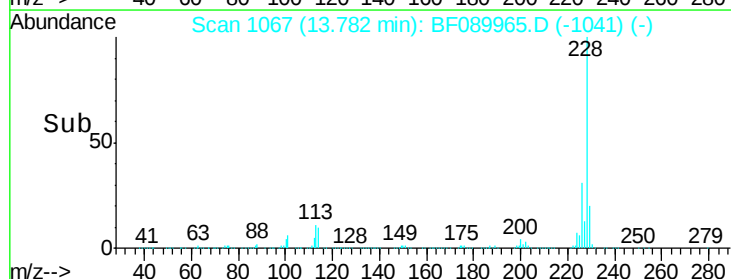
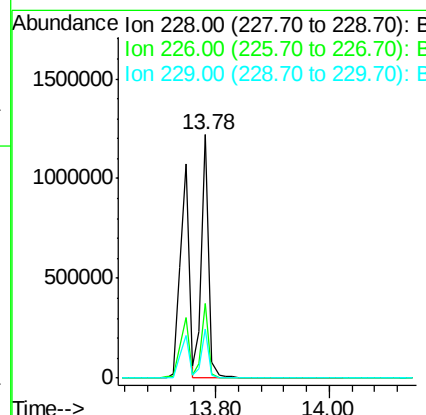
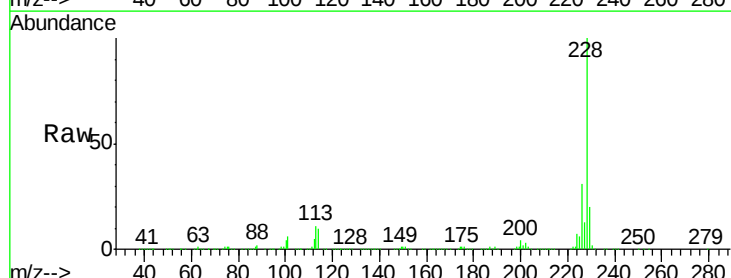
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#82
 Chrysene
 Concen: 46.51 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089965.D
 Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1086848		
226	30.7	25.2	37.8	
229	20.1	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.85 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

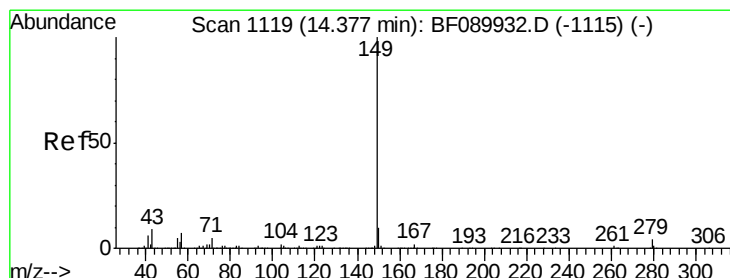
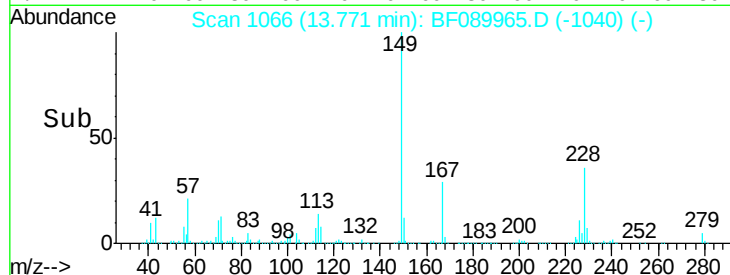
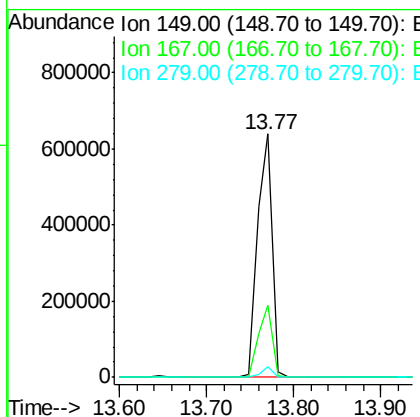
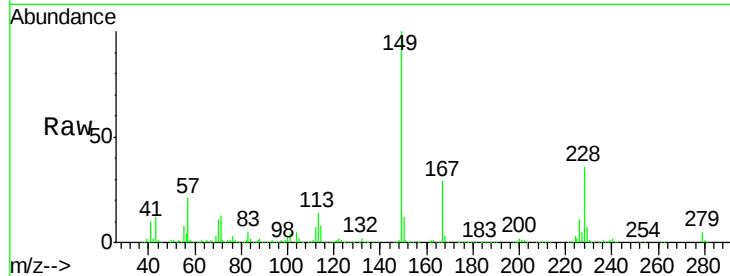
ClientSampleId :

PB93161BS

Tgt Ion:	149	Resp:	768621
Ion Ratio		Lower	Upper
149	100		
167	29.4	23.6	35.4
279	4.5	3.4	5.2

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#84

Di-n-octyl phthalate

Concen: 51.53 ng

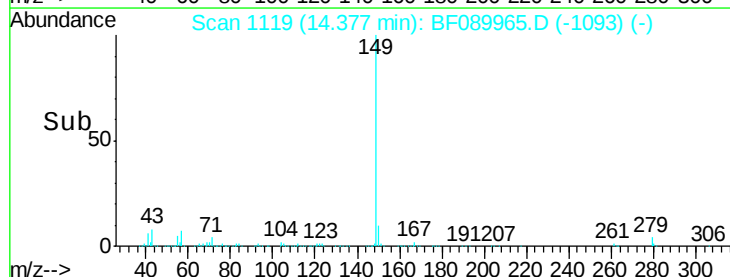
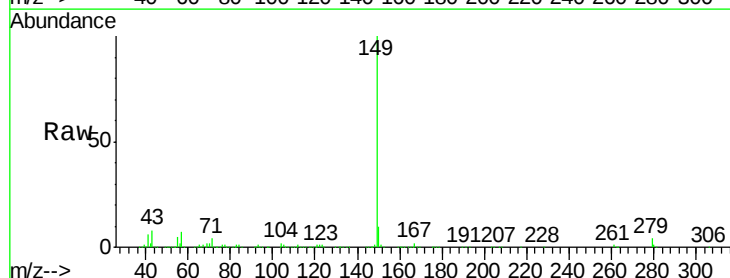
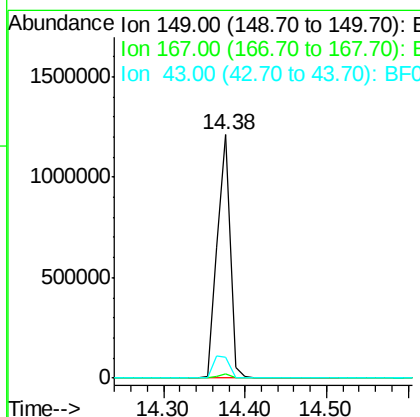
RT: 14.38 min Scan# 1119

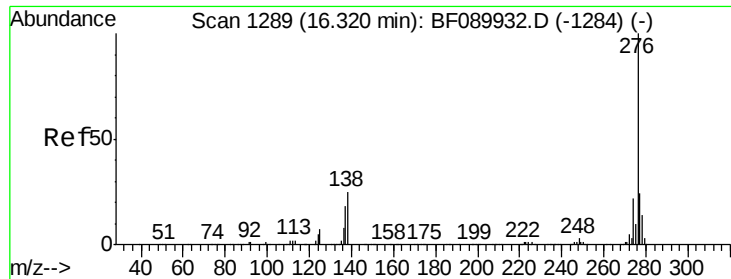
Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Tgt Ion:	149	Resp:	1336055
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.4	9.3	13.9





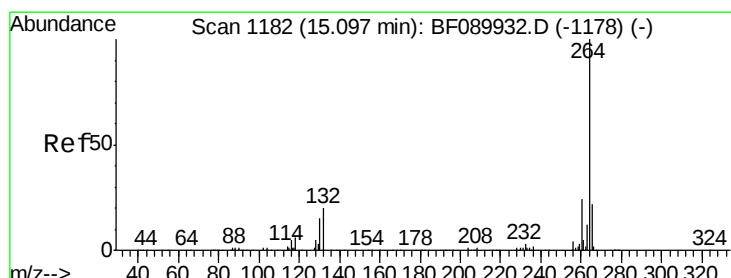
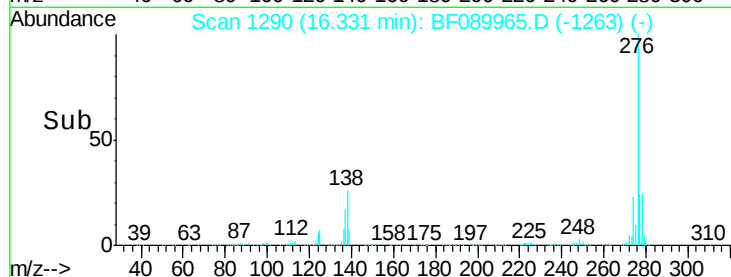
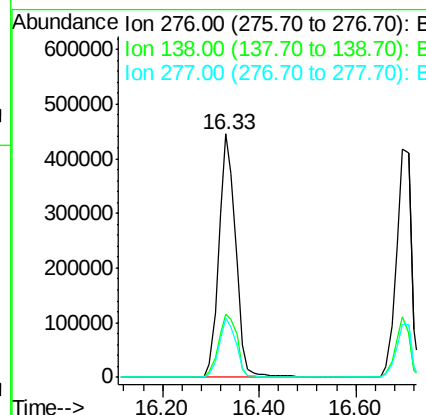
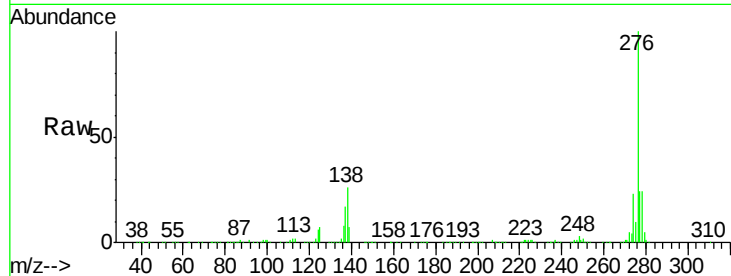
#85
Indeno(1,2,3-cd)pyrene
Concen: 63.44 ng
RT: 16.33 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampleId :
PB93161BS

Tgt Ion: 276 Resp: 1095989
Ion Ratio Lower Upper
276 100
138 28.7 22.6 34.0
277 24.8 20.1 30.1

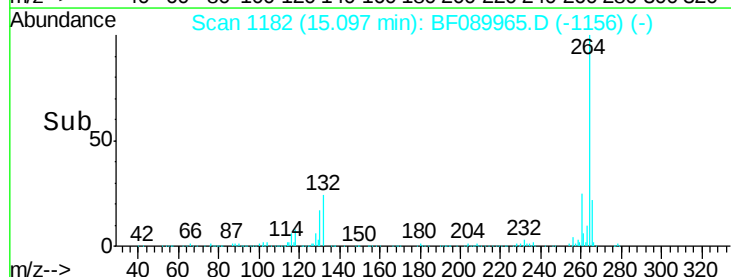
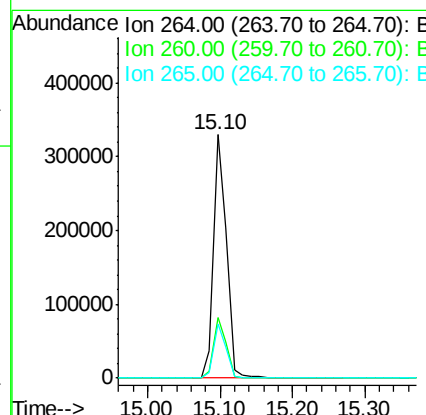
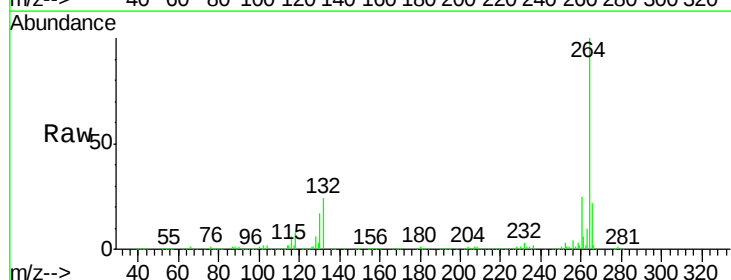
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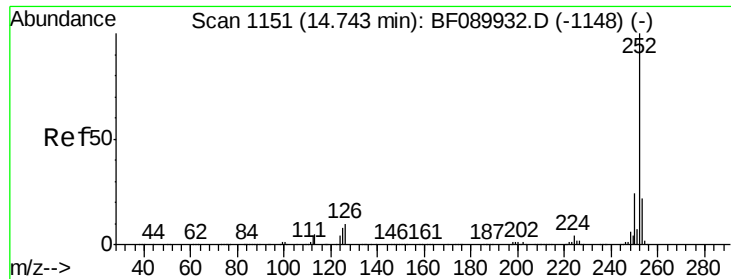
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion: 264 Resp: 408730
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.0
265 22.2 17.4 26.2





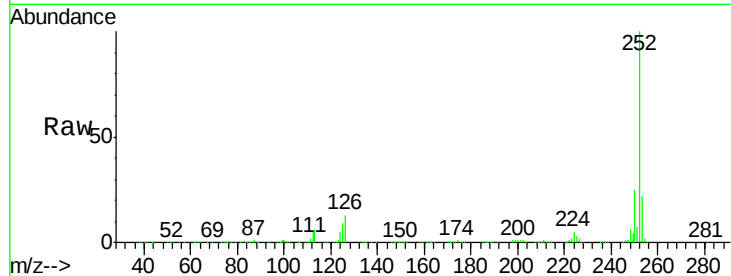
#87
Benzo(b)fluoranthene
Concen: 48.39 ng m
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampled :
PB93161BS

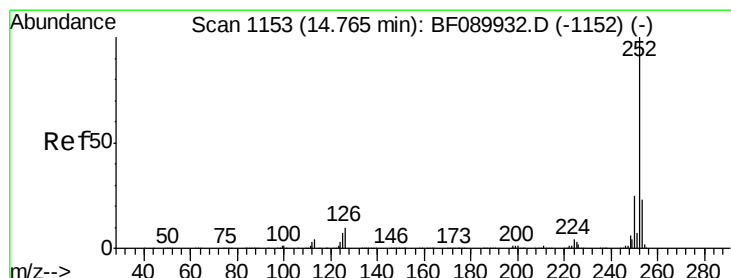
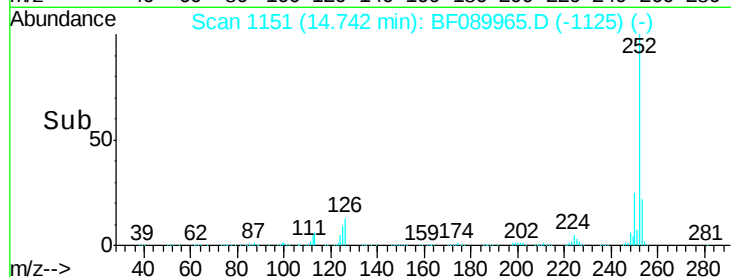
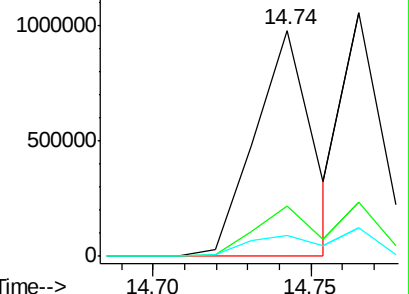
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.5	5.7	8.5

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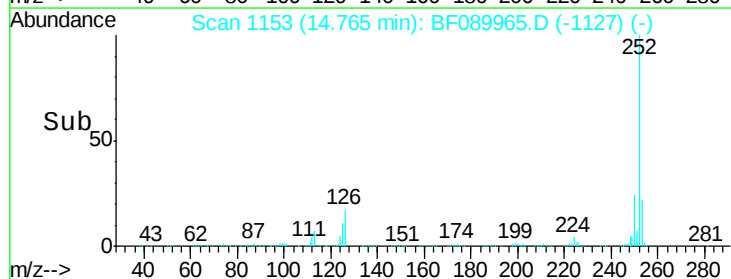
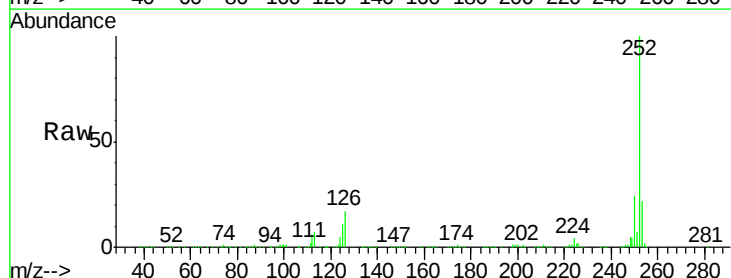
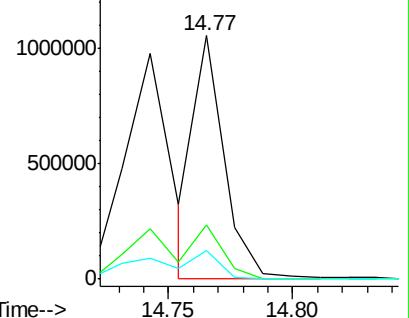
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

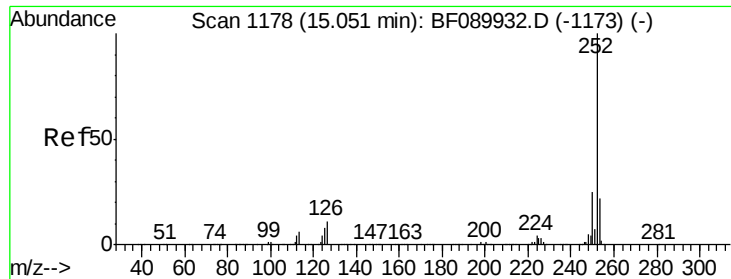


#88
Benzo(k)fluoranthene
Concen: 41.71 ng m
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.5	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





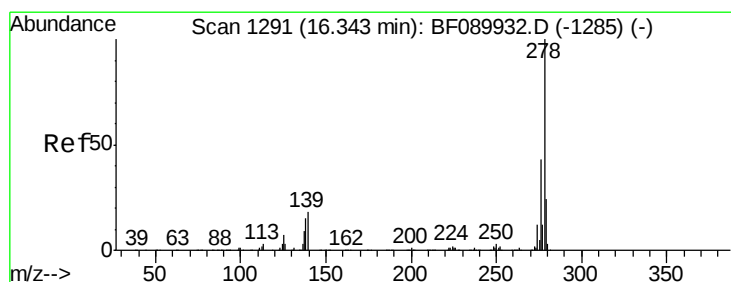
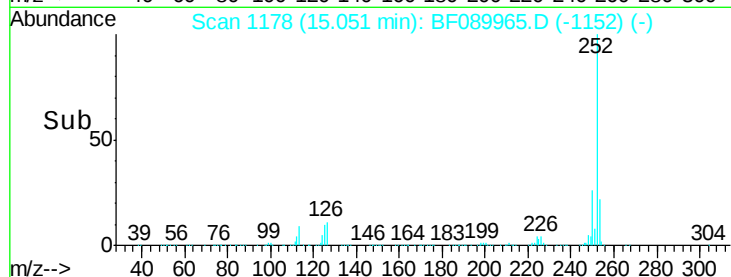
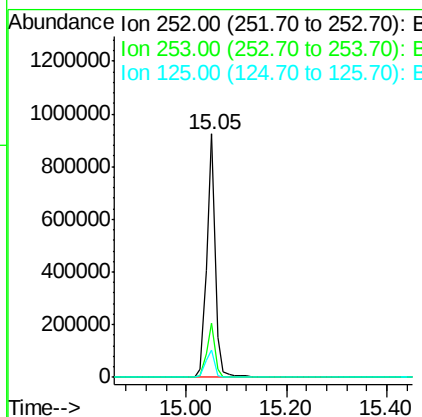
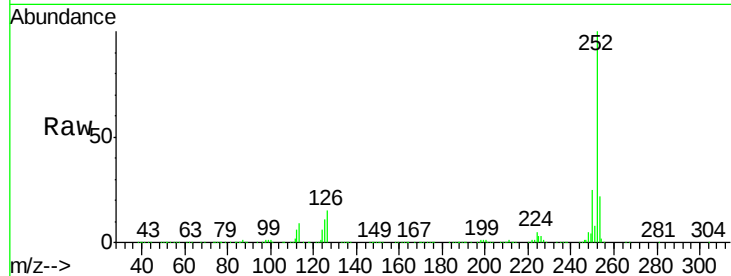
#89
Benzo(a)pyrene
Concen: 49.02 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Instrument :
BNA_F
ClientSampleId :
PB93161BS

Tgt Ion: 252 Resp: 1075342
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 11.2 6.3 9.5#

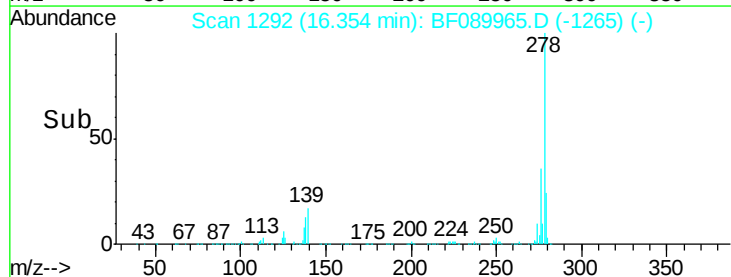
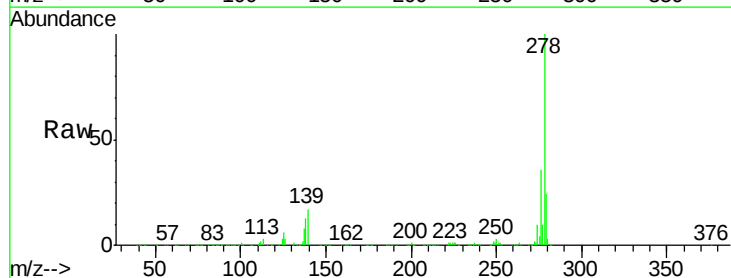
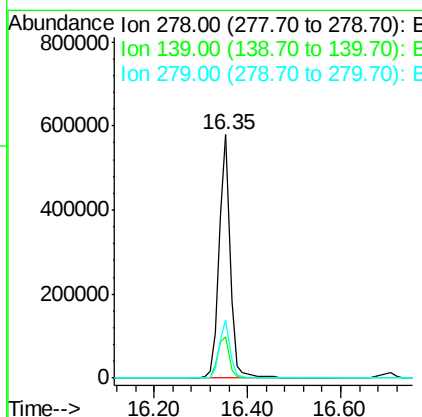
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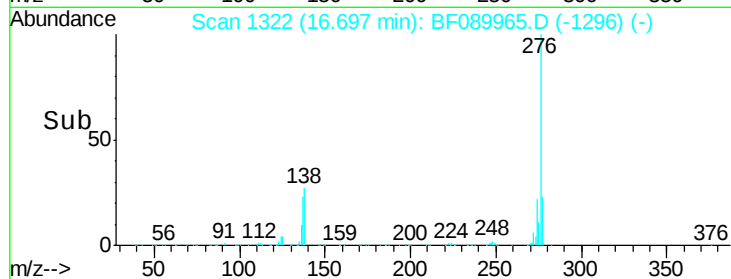
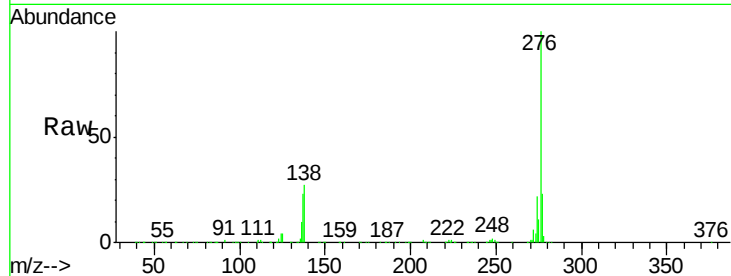
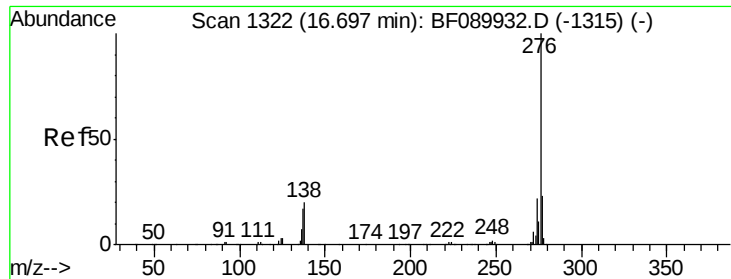
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#90
Dibenzo(a,h)anthracene
Concen: 58.35 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BF089965.D
Acq: 1 Sep 2016 12:11

Tgt Ion: 278 Resp: 937981
Ion Ratio Lower Upper
278 100
139 16.8 13.4 20.2
279 24.0 19.4 29.2





#91

Benzo(g,h,i)perylene

Concen: 55.70 ng

RT: 16.70 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF089965.D

Acq: 1 Sep 2016 12:11

Instrument :

BNA_F

ClientSampleId :

PB93161BS

Tgt	Ion	276	Resp:	901233
Ion	Ratio	100	Lower	Upper
276	100			
277	23.3	19.0	28.4	
138	26.8	16.4	24.6	

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