

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
 Data File : BF089974.D
 Acq On : 2 Sep 2016 14:51
 Operator : UM/SJ
 Sample : PB93205BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93205BS

Manual Integrations
 APPROVED

sohil
 9/5/2016 6:42:25 AM

Quant Time: Sep 02 17:20:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	192860	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	739347	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	373864	20.00	ng	0.00
63) Phenanthrene-d10	11.14	188	709088	20.00	ng	0.00
75) Chrysene-d12	13.76	240	483873	20.00	ng	0.00
86) Perylene-d12	15.10	264	438979	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1308644	108.61	ng	0.01
7) Phenol-d6	6.28	99	1629192	111.28	ng	0.00
23) Nitrobenzene-d5	7.21	82	1133217	88.89	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	428564	116.19	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1966427	86.34	ng	0.00
78) Terphenyl-d14	12.72	244	1579597	80.64	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	198584	34.79	ng	99
3) Pyridine	2.80	79	564303	37.05	ng	98
4) n-Nitrosodimethylamine	2.75	42	319288	42.51	ng	98
6) Aniline	6.30	93	513591	25.71	ng	# 58
8) 2-Chlorophenol	6.42	128	536437	41.04	ng	95
9) Benzaldehyde	6.17	77	92771	9.82	ng	89
10) Phenol	6.30	94	564553	33.16	ng	94
11) bis(2-Chloroethyl)ether	6.39	93	518697	40.26	ng	# 83
12) 1,3-Dichlorobenzene	6.57	146	596158m	40.83	ng	
13) 1,4-Dichlorobenzene	6.65	146	571582	38.26	ng	99
14) 1,2-Dichlorobenzene	6.81	146	576455	43.05	ng	98
15) Benzyl Alcohol	6.79	79	393360	42.89	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.94	45	1018370	41.46	ng	97
17) 2-Methylphenol	6.91	107	472672	45.28	ng	97
18) Hexachloroethane	7.15	117	212072	41.45	ng	93
19) n-Nitroso-di-n-propylamine	7.07	70	399452	41.87	ng	96
20) 3+4-Methylphenols	7.06	107	500996	39.59	ng	93
22) Acetophenone	7.05	105	642899	38.76	ng	# 94
24) Nitrobenzene	7.22	77	506717	37.39	ng	93
25) Isophorone	7.47	82	1067228	41.17	ng	99
26) 2-Nitrophenol	7.54	139	291261	44.96	ng	96
27) 2,4-Dimethylphenol	7.60	122	523978	43.72	ng	93
28) bis(2-Chloroethoxy)methane	7.69	93	713492	45.63	ng	99
29) 2,4-Dichlorophenol	7.78	162	451294	42.00	ng	99
30) 1,2,4-Trichlorobenzene	7.87	180	518519	44.14	ng	100
31) Naphthalene	7.94	128	1451285	39.40	ng	99
32) Benzoic acid	7.72	122	270868	33.55	ng	92
33) 4-Chloroaniline	8.00	127	304005	20.46	ng	95
34) Hexachlorobutadiene	8.07	225	279030	40.54	ng	99
35) Caprolactam	8.36	113	151643m	44.72	ng	
36) 4-Chloro-3-methylphenol	8.49	107	491296	43.18	ng	86
37) 2-Methylnaphthalene	8.64	142	1108072	45.53	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	379727	34.67	ng	99
40) Hexachlorocyclopentadiene	8.79	237	470630	83.81	ng	94

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090216\
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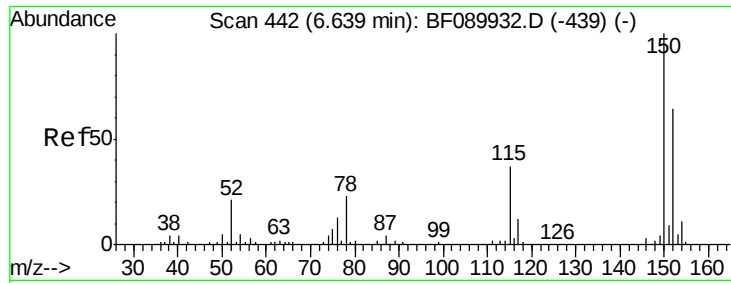
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	332927	43.86	ng	99
43) 2,4,5-Trichlorophenol	8.96	196	336197	46.06	ng	# 92
45) 1,1'-Biphenyl	9.10	154	1039808	34.54	ng	100
46) 2-Chloronaphthalene	9.12	162	922370	43.32	ng	99
47) 2-Nitroaniline	9.22	65	336652	48.36	ng	# 65
48) Acenaphthylene	9.53	152	1444643	41.03	ng	100
49) Dimethylphthalate	9.40	163	1119334	41.42	ng	99
50) 2,6-Dinitrotoluene	9.46	165	248104	41.28	ng	97
51) Acenaphthene	9.70	154	1004061	45.01	ng	99
52) 3-Nitroaniline	9.62	138	186307	27.18	ng	99
53) 2,4-Dinitrophenol	9.74	184	247316	65.42	ng	# 71
54) Dibenzofuran	9.87	168	1269272	42.46	ng	98
55) 4-Nitrophenol	9.80	139	436155	84.36	ng	89
56) 2,4-Dinitrotoluene	9.86	165	318939	41.85	ng	89
57) Fluorene	10.22	166	1006080	46.06	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.00	232	297549	47.62	ng	95
59) Diethylphthalate	10.10	149	1105856	43.50	ng	99
60) 4-Chlorophenyl-phenylether	10.22	204	467277	45.46	ng	97
61) 4-Nitroaniline	10.24	138	273841	40.66	ng	94
62) Azobenzene	10.36	77	1147021	45.17	ng	99
64) 4,6-Dinitro-2-methylphenol	10.27	198	167085	36.81	ng	# 47
65) n-Nitrosodiphenylamine	10.33	169	882371	41.39	ng	100
66) 4-Bromophenyl-phenylether	10.70	248	306130	42.88	ng	96
67) Hexachlorobenzene	10.75	284	328802	40.32	ng	96
68) Atrazine	10.87	200	336534	47.29	ng	93
69) Pentachlorophenol	10.95	266	341716	77.90	ng	99
70) Phenanthrene	11.16	178	1458478	41.30	ng	100
71) Anthracene	11.21	178	1522684	42.52	ng	99
72) Carbazole	11.37	167	1256737	37.42	ng	100
73) Di-n-butylphthalate	11.72	149	1770035	45.22	ng	# 98
74) Fluoranthene	12.34	202	1525273	41.22	ng	98
76) Benzidine	12.47	184	538752	29.39	ng	96
77) Pyrene	12.57	202	1522217	44.62	ng	99
79) Butylbenzylphthalate	13.20	149	643722	46.79	ng	99
80) Benzo(a)anthracene	13.75	228	1238786	41.80	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	300420	28.08	ng	99
82) Chrysene	13.78	228	1112028	40.17	ng	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	921580	48.43	ng	99
84) Di-n-octyl phthalate	14.38	149	1483491	48.30	ng	100
85) Indeno(1,2,3-cd)pyrene	16.33	276	1038191	50.73	ng	100
87) Benzo(b)fluoranthene	14.74	252	1223208m	44.48	ng	
88) Benzo(k)fluoranthene	14.77	252	881238m	37.76	ng	
89) Benzo(a)pyrene	15.05	252	1039416	44.12	ng	# 98
90) Dibenzo(a,h)anthracene	16.35	278	887200	51.39	ng	97
91) Benzo(g,h,i)perylene	16.70	276	863703	49.70	ng	# 95

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



#1

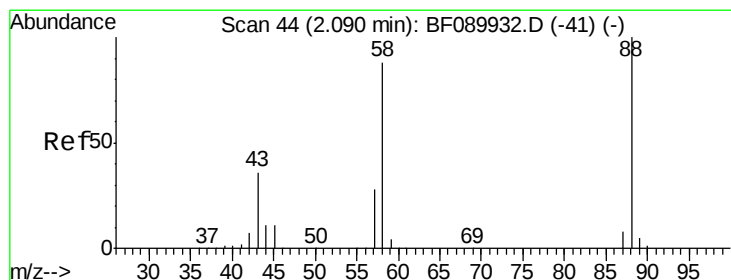
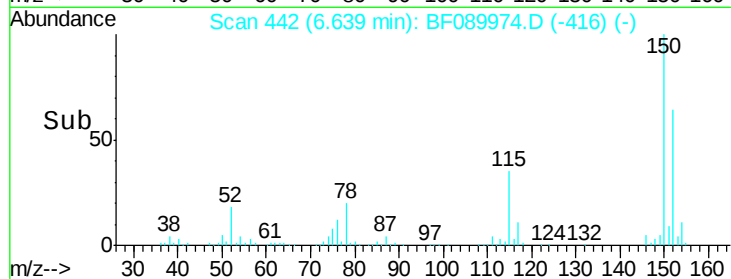
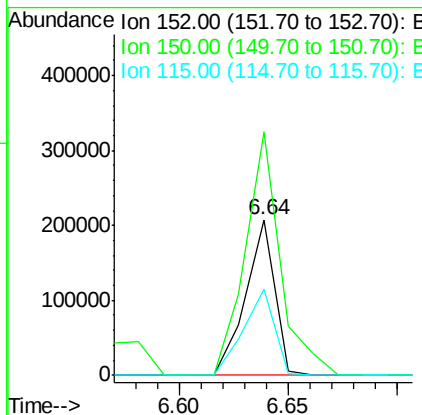
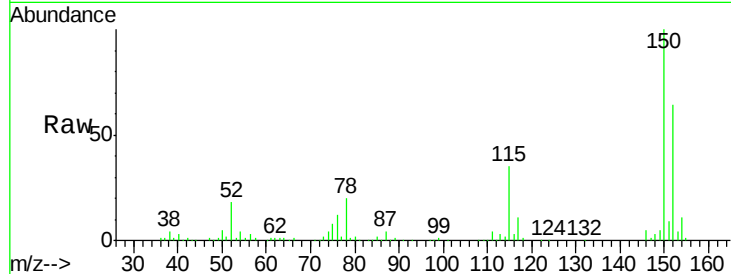
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :
PB93205BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	192860		
150	156.4	127.4	191.2	
115	55.2	46.3	69.5	

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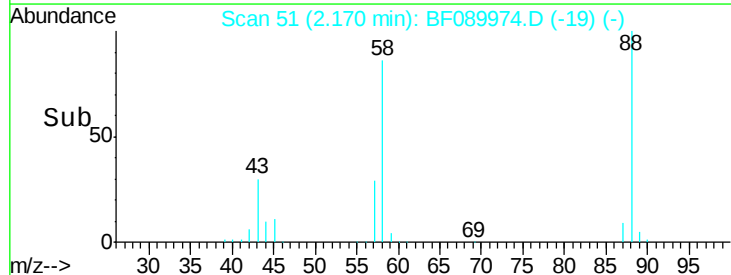
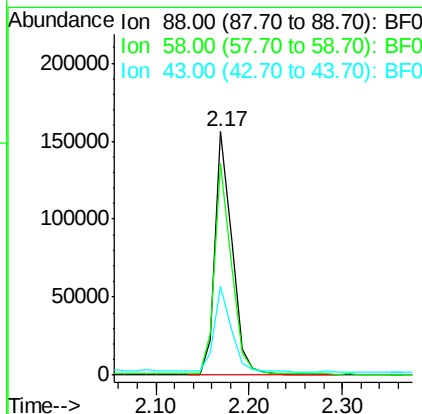
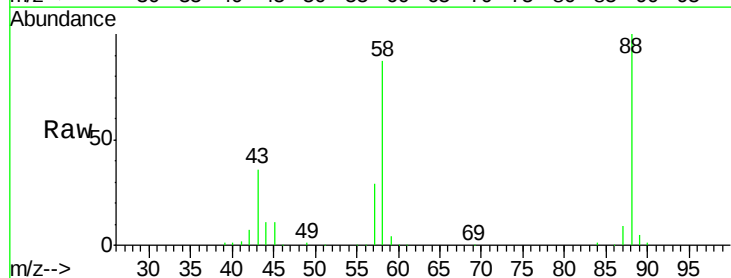
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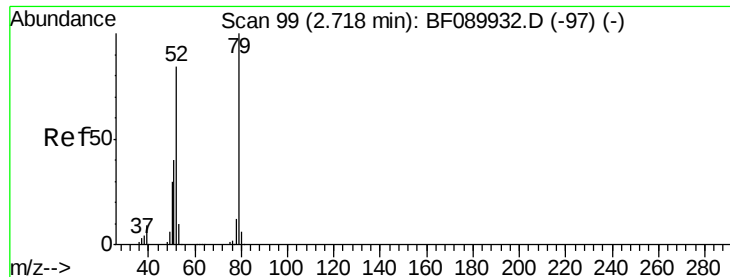


#2

1,4-Dioxane
Concen: 34.79 ng
RT: 2.17 min Scan# 51
Delta R.T. 0.07 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	198584		
58	86.9	68.8	103.2	
43	34.8	27.0	40.6	





#3

Pyridine

Concen: 37.05 ng

RT: 2.80 min Scan# 106

Delta R.T. 0.07 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

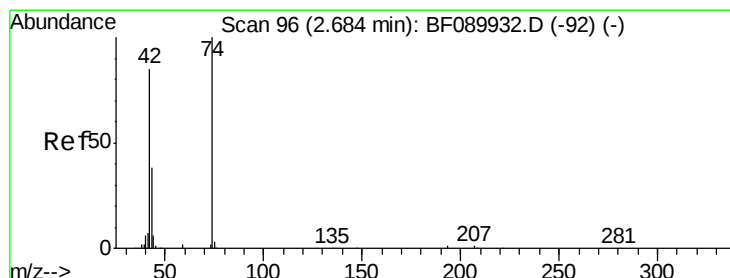
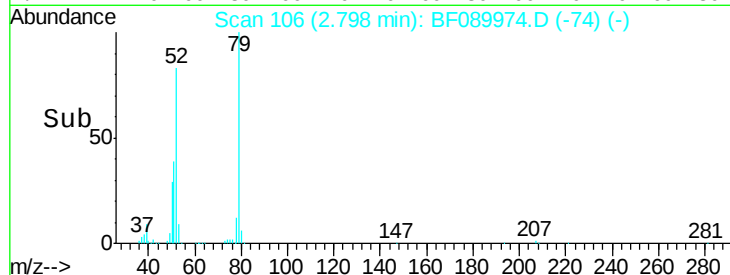
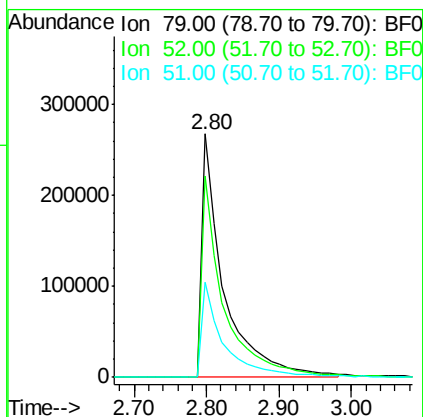
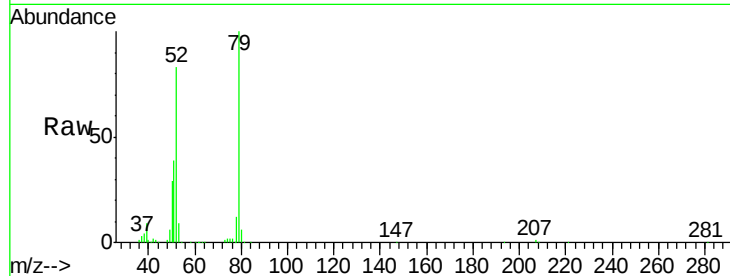
ClientSampleId :

PB93205BS

Tgt Ion:	79	Resp:	564303
Ion	Ratio	Lower	Upper
79	100		
52	82.7	67.8	101.6
51	39.3	32.9	49.3

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.51 ng

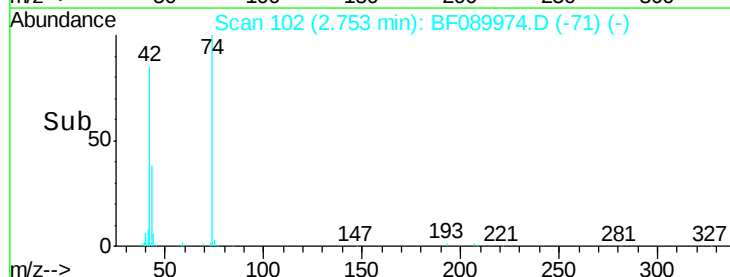
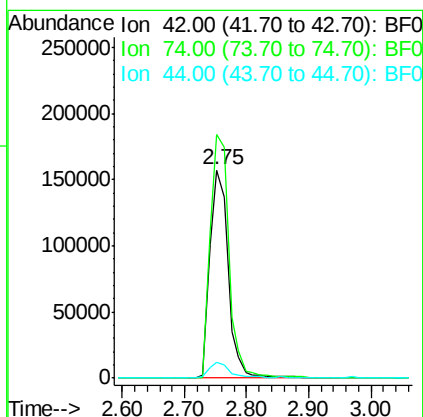
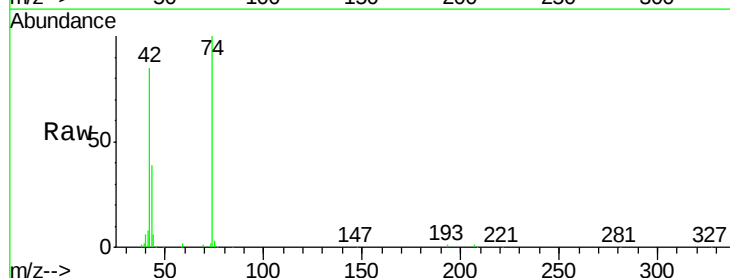
RT: 2.75 min Scan# 102

Delta R.T. 0.06 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Tgt Ion:	42	Resp:	319288
Ion	Ratio	Lower	Upper
42	100		
74	117.1	92.0	138.0
44	7.3	5.8	8.8





#5

2-Fluorophenol

Concen: 108.61 ng

RT: 5.22 min Scan# 318

Delta R.T. 0.01 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

PB93205BS

Tgt Ion: 112 Resp: 1308644

Ion Ratio Lower Upper

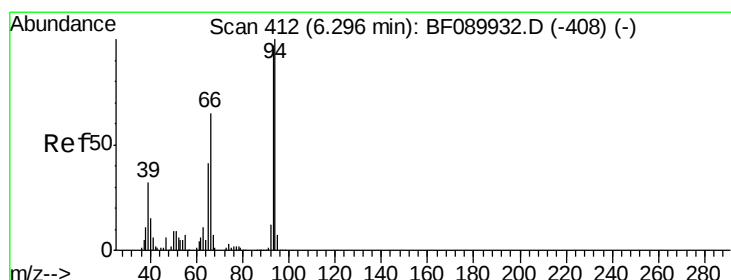
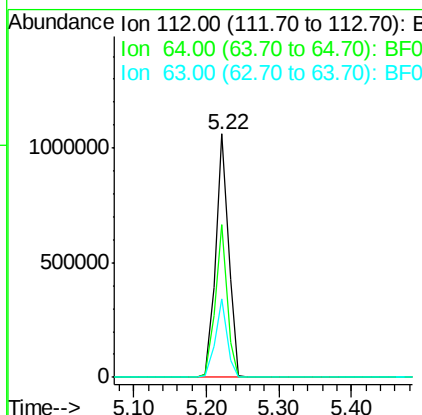
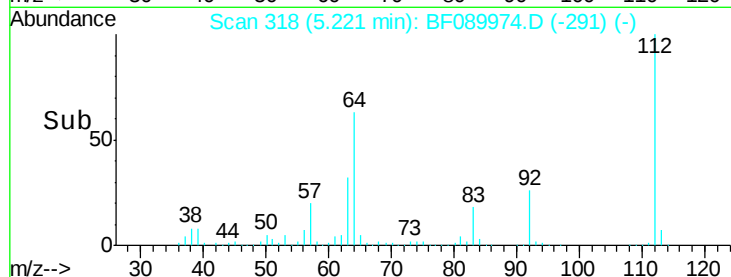
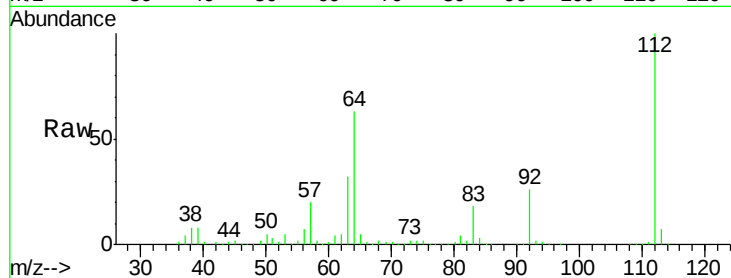
112 100

64 62.6 41.1 61.7#

63 32.1 21.2 31.8#

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#6

Aniline

Concen: 25.71 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

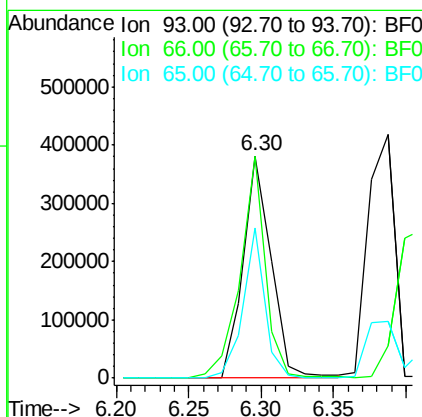
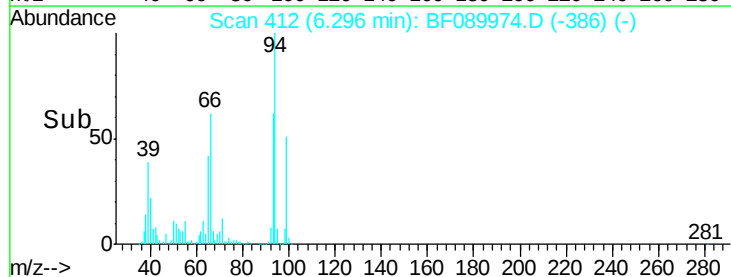
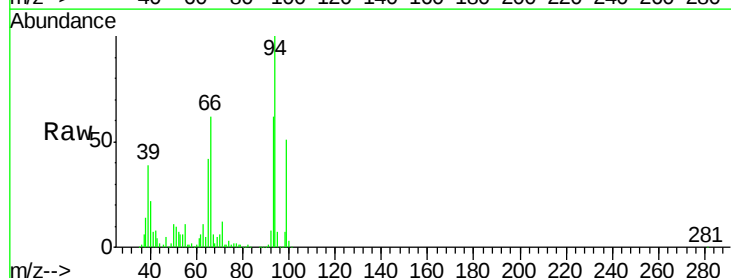
Tgt Ion: 93 Resp: 513591

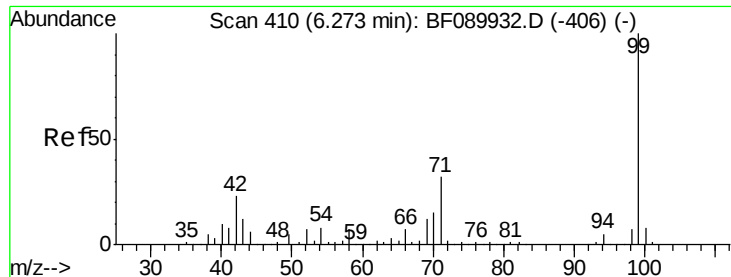
Ion Ratio Lower Upper

93 100

66 99.8 52.9 79.3#

65 67.9 33.0 49.6#





#7

Phenol-d6

Concen: 111.28 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

PB93205BS

Tgt Ion: 99 Resp: 1629192

Ion Ratio Lower Upper

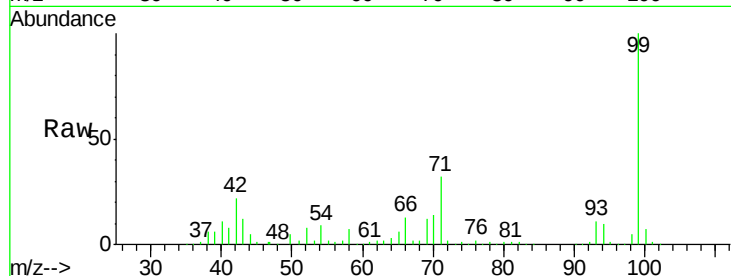
99 100

42 22.4 18.6 27.8

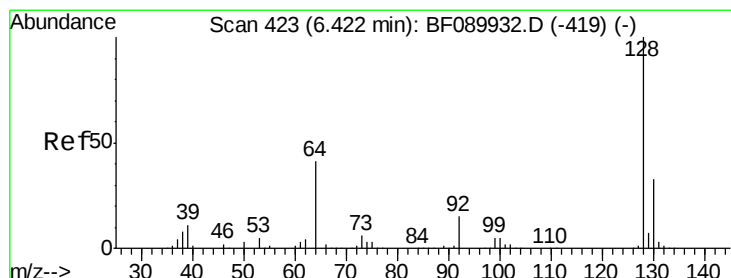
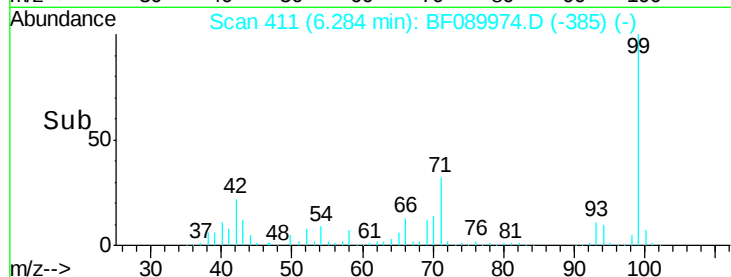
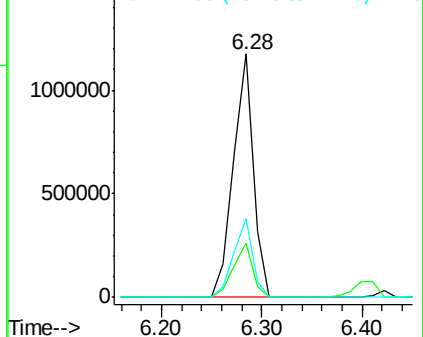
71 32.3 25.8 38.6

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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: 41.04 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

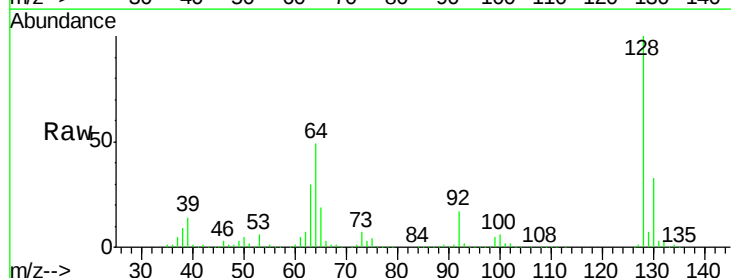
Tgt Ion: 128 Resp: 536437

Ion Ratio Lower Upper

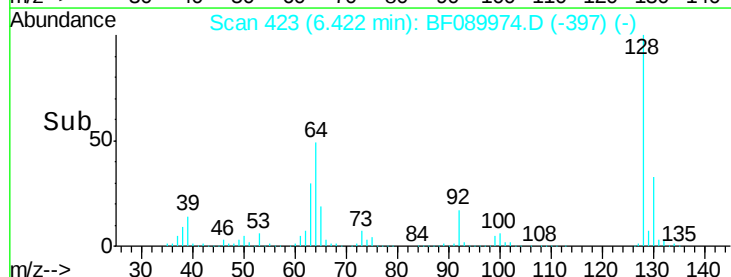
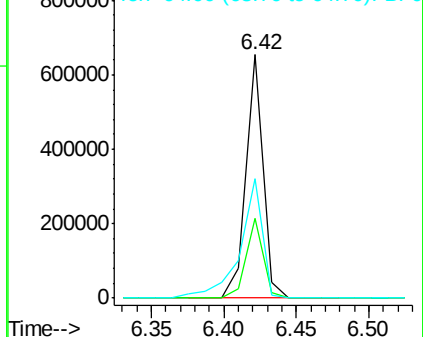
128 100

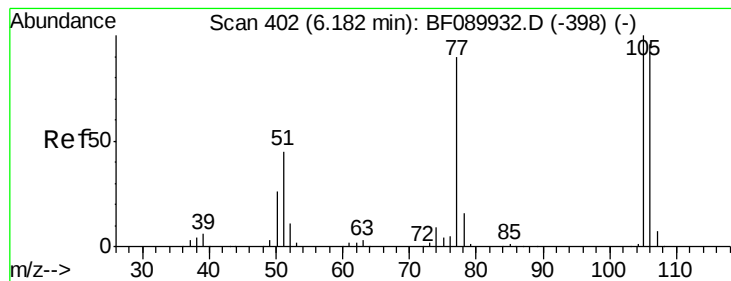
130 32.9 12.8 52.8

64 49.0 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: 9.82 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

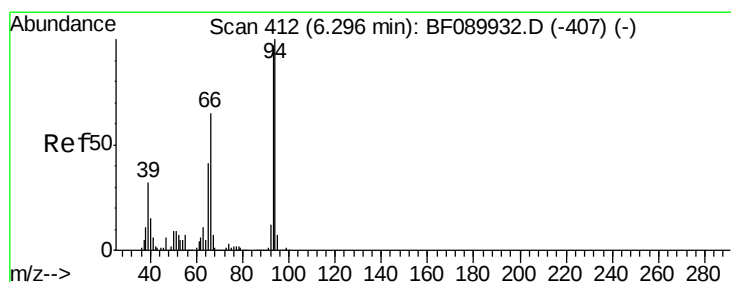
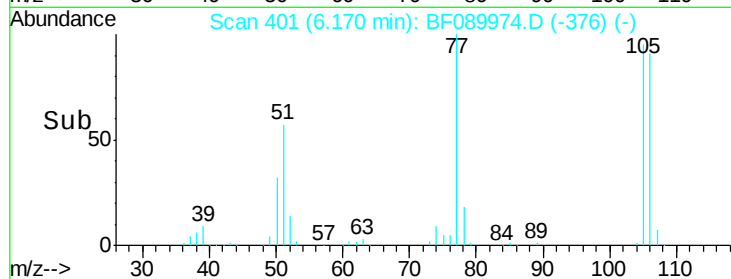
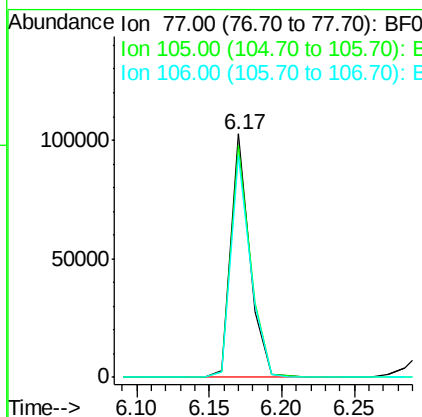
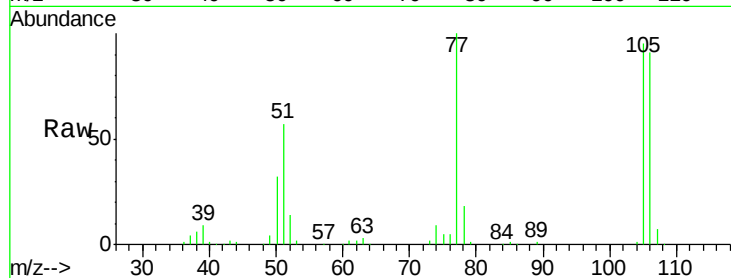
ClientSampled :

PB93205BS

Tgt Ion:	77	Resp:	92771
Ion	Ratio	Lower	Upper
77	100		
105	95.2	85.4	125.4
106	91.2	83.4	123.4

Manual Integrations
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#10

Phenol

Concen: 33.16 ng

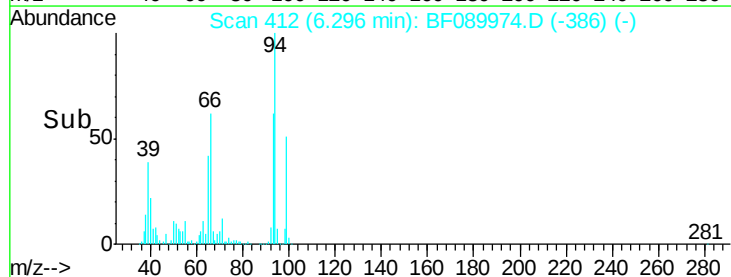
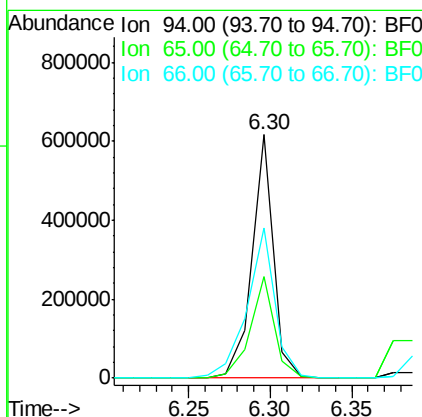
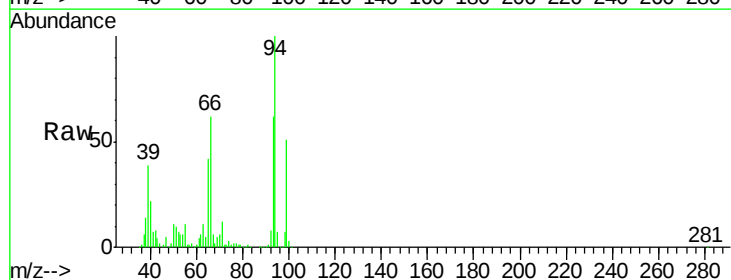
RT: 6.30 min Scan# 412

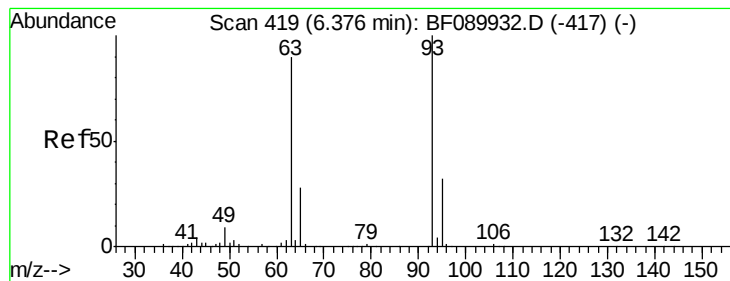
Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Tgt Ion:	94	Resp:	564553
Ion	Ratio	Lower	Upper
94	100		
65	41.9	23.2	63.2
66	61.6	49.2	89.2





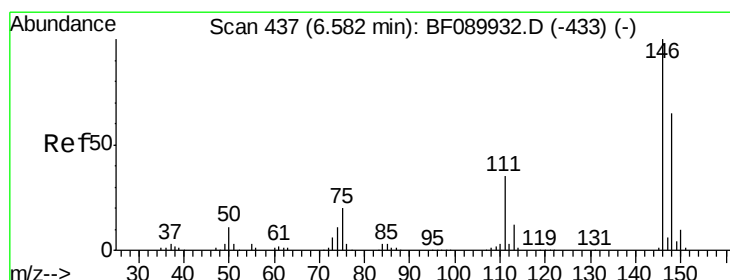
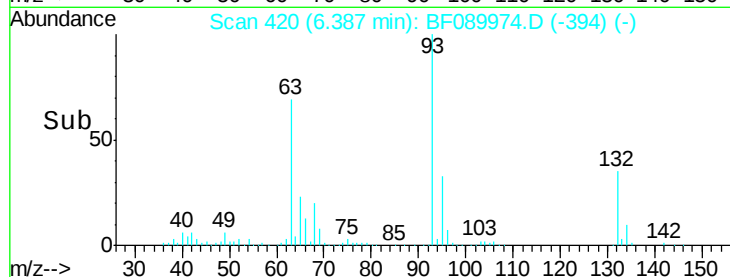
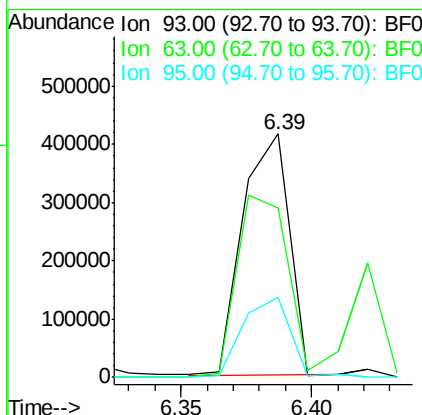
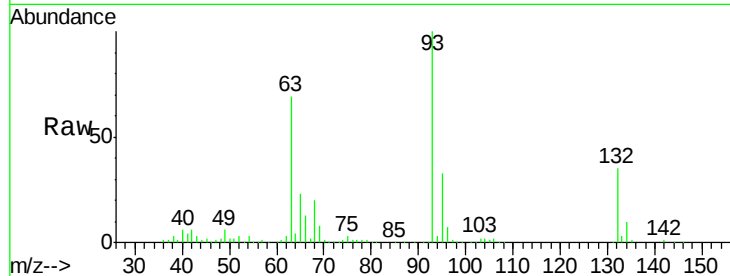
#11
bis(2-Chloroethyl)ether
Concen: 40.26 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampled :
PB93205BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	69.3	71.1	111.1#
95	33.0	12.4	52.4

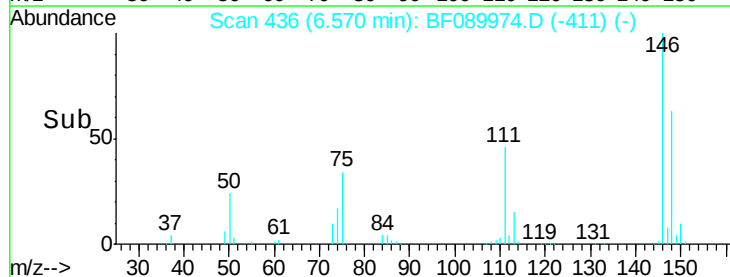
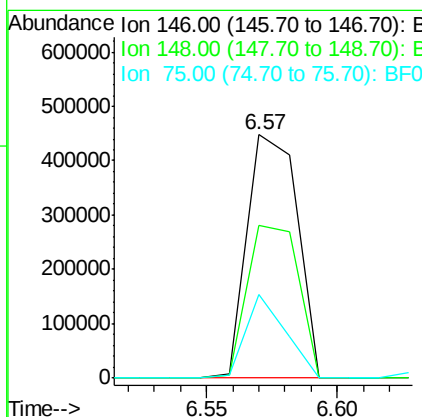
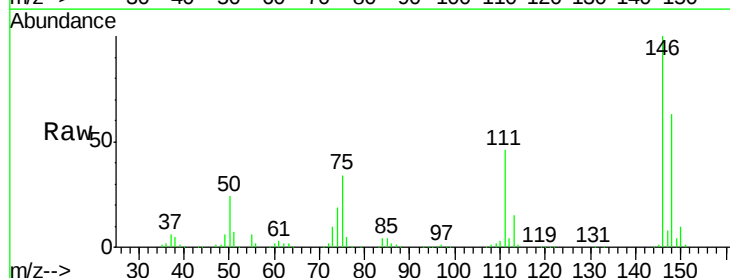
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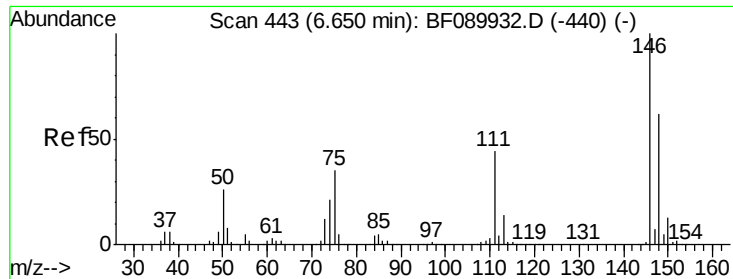
sohil
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#12
1,3-Dichlorobenzene
Concen: 40.83 ng m
RT: 6.57 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.5	78.7
75	34.2	16.6	24.8#





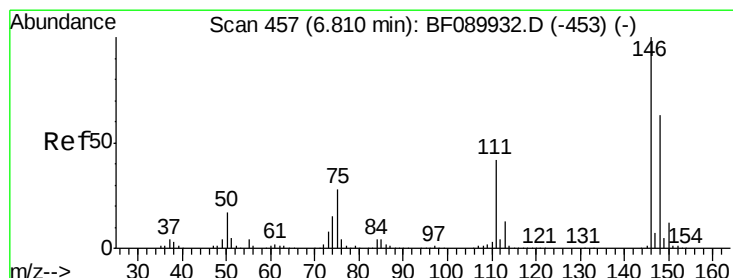
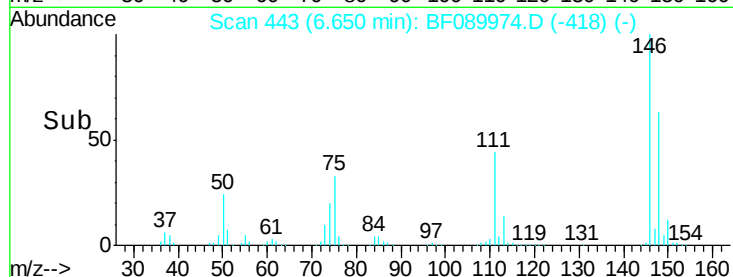
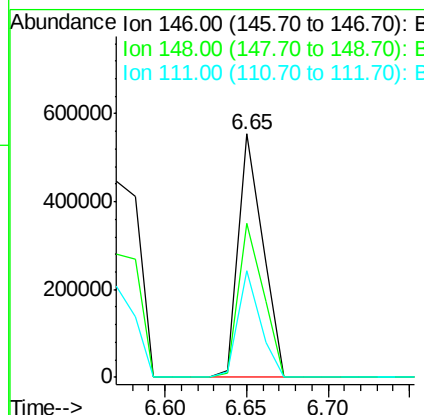
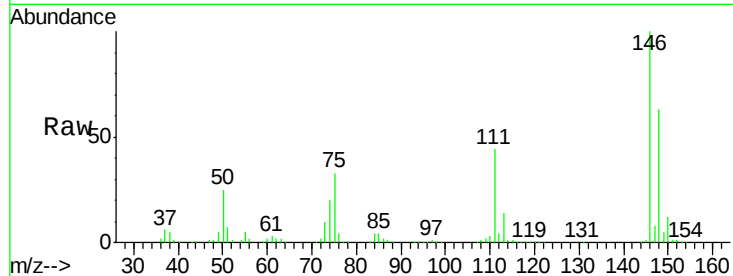
#13
 1,4-Dichlorobenzene
 Concen: 38.26 ng
 RT: 6.65 min Scan# 443
 Delta R.T. -0.01 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB93205BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.1	75.1
111	44.0	35.8	53.6

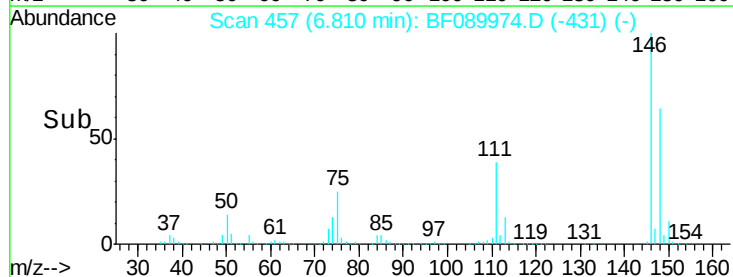
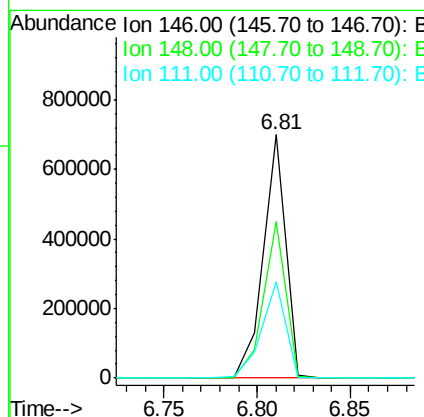
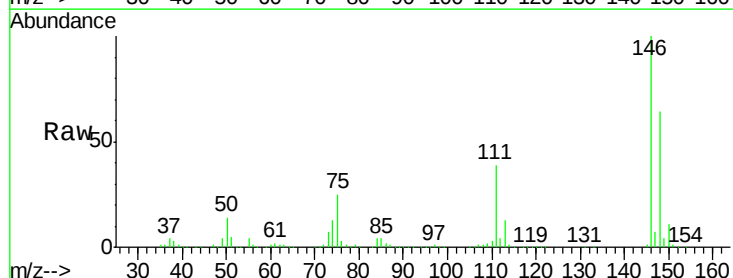
Manual Integrations
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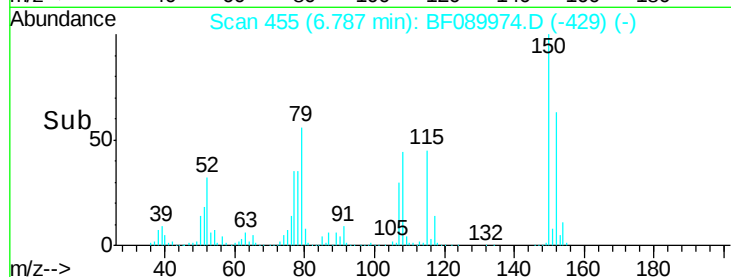
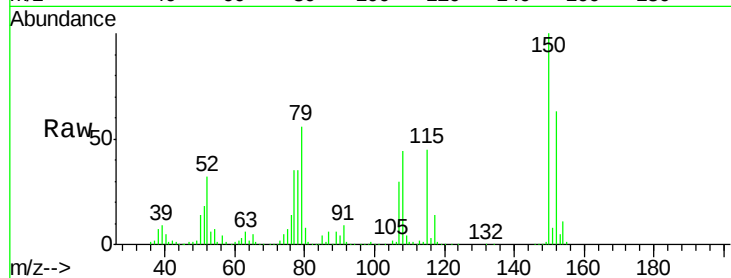
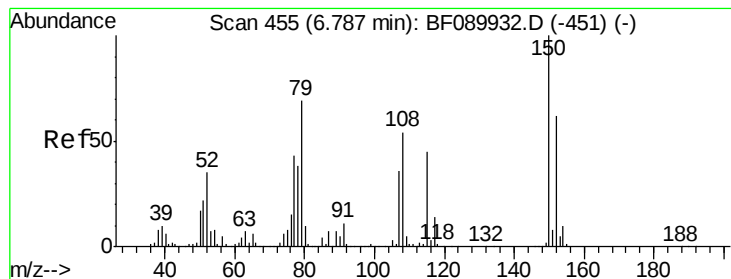
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#14
 1,2-Dichlorobenzene
 Concen: 43.05 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
111	39.4	34.6	51.8





#15

Benzyl Alcohol

Concen: 42.89 ng

RT: 6.79 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Tgt Ion:	79	Resp:	393360
Ion	Ratio	Lower	Upper
79	100		
108	78.2	62.1	93.1
77	63.2	50.1	75.1

Instrument :

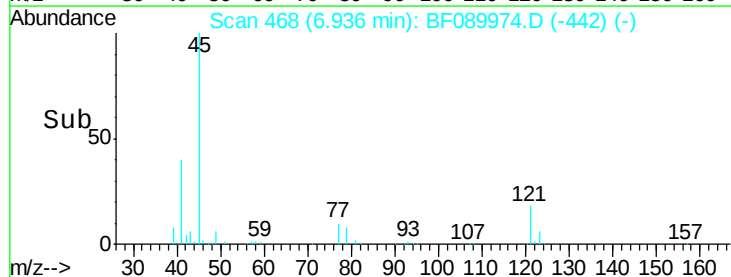
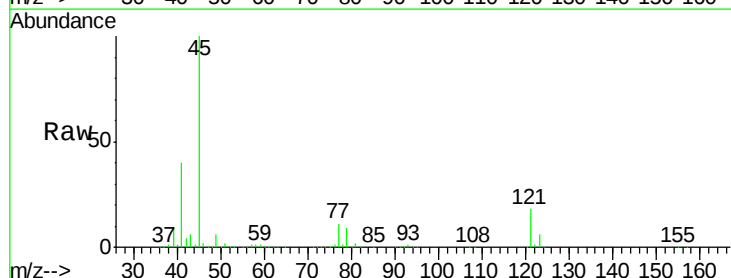
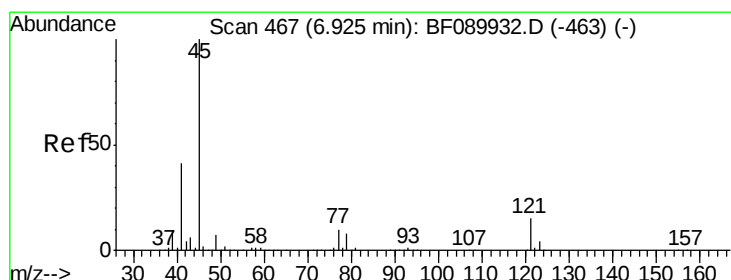
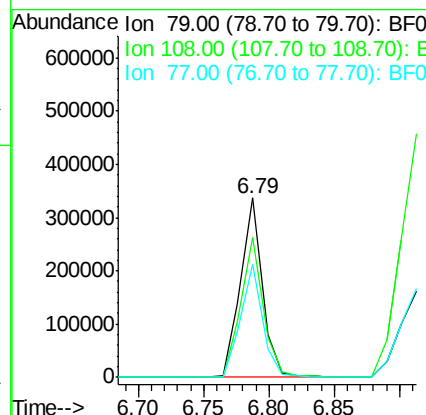
BNA_F

ClientSampleId :

PB93205BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.46 ng

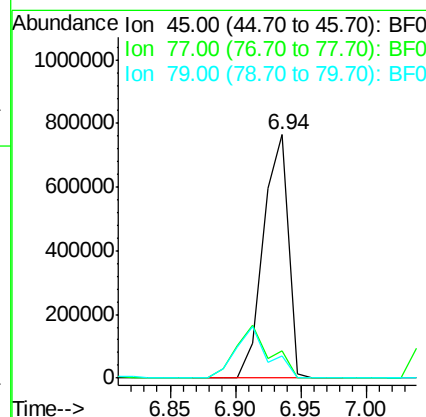
RT: 6.94 min Scan# 468

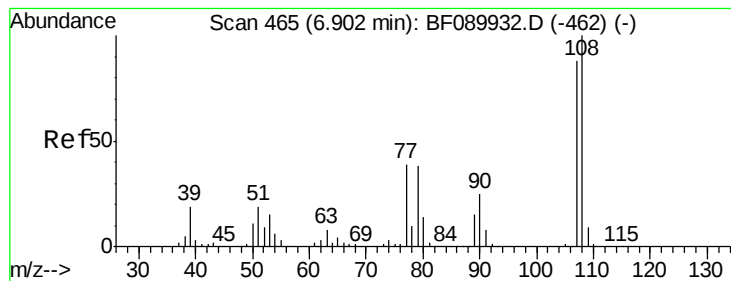
Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Tgt Ion:	45	Resp:	1018370
Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	30.3
79	9.0	0.0	27.5





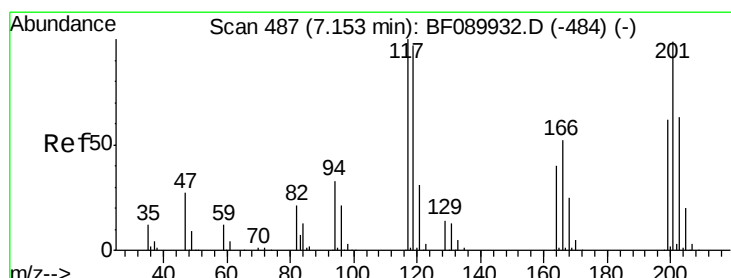
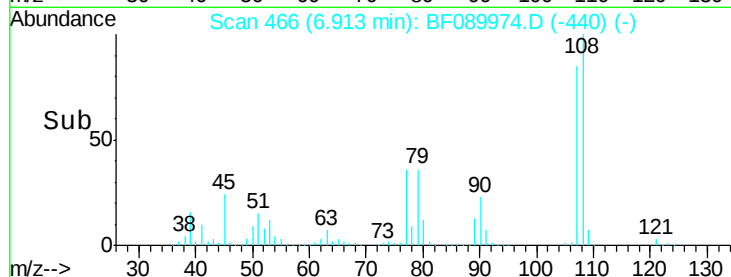
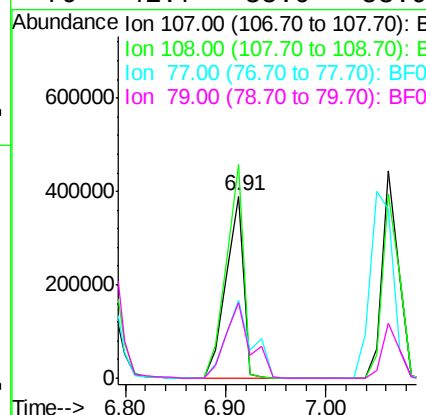
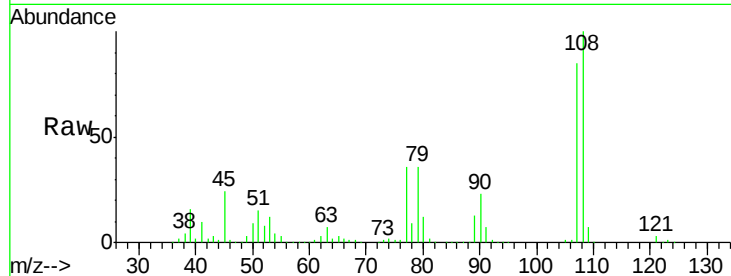
#17
2-Methylphenol
Concen: 45.28 ng
RT: 6.91 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :
PB93205BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	472672		
108	117.1	91.8	137.6	
77	42.7	36.0	54.0	
79	41.7	35.9	53.9	

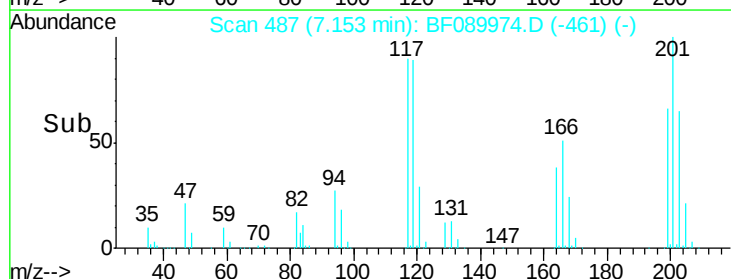
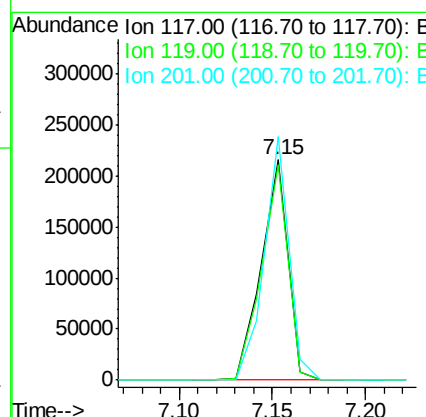
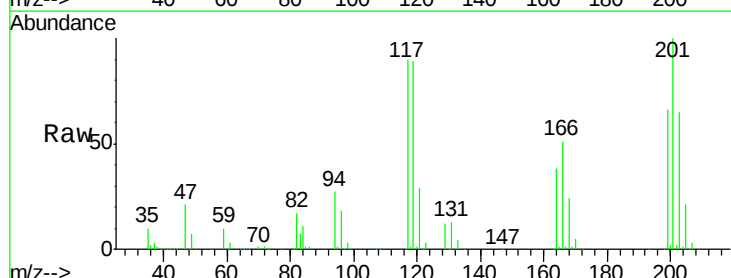
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#18
Hexachloroethane
Concen: 41.45 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	212072		
119	97.9	76.2	114.2	
201	110.6	80.2	120.2	





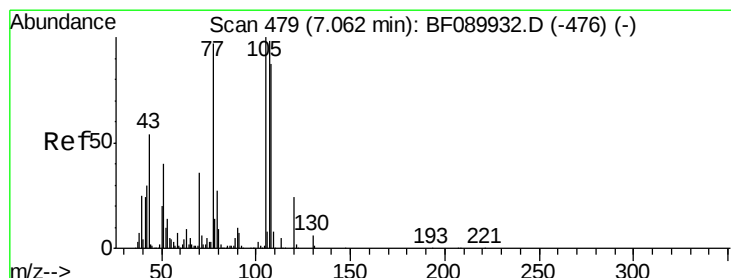
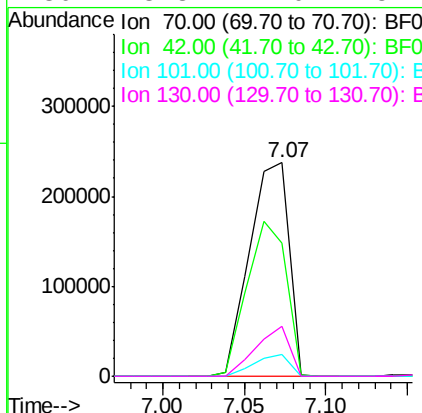
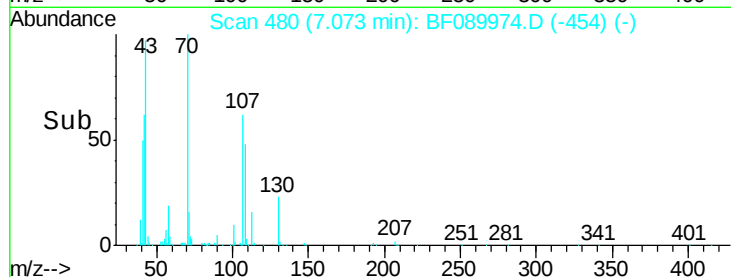
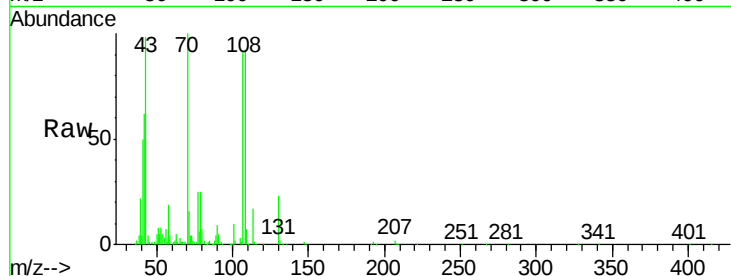
#19
n-Nitroso-di-n-propylamine
Concen: 41.87 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :
PB93205BS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.4	52.1	78.1	
101	10.0	7.4	11.2	
130	23.3	17.0	25.4	

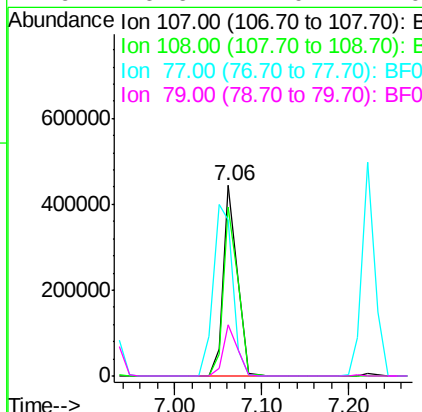
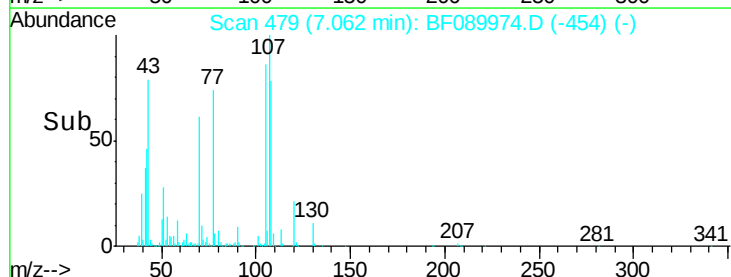
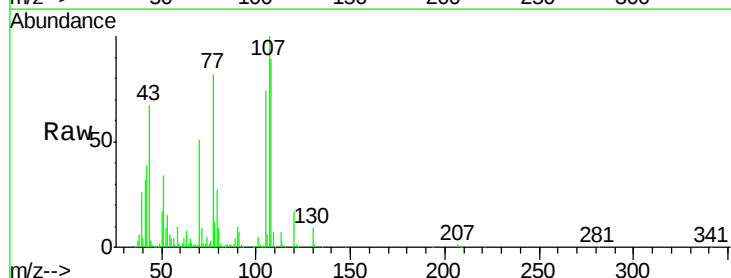
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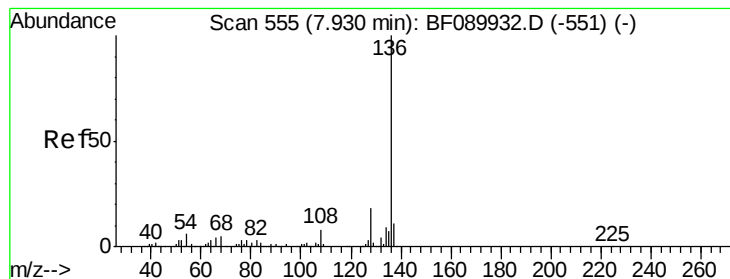
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#20
3+4-Methylphenols
Concen: 39.59 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	70.2	110.2	
77	81.7	75.7	115.7	
79	26.6	7.0	47.0	





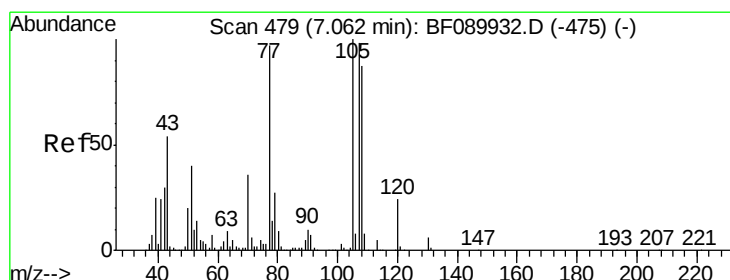
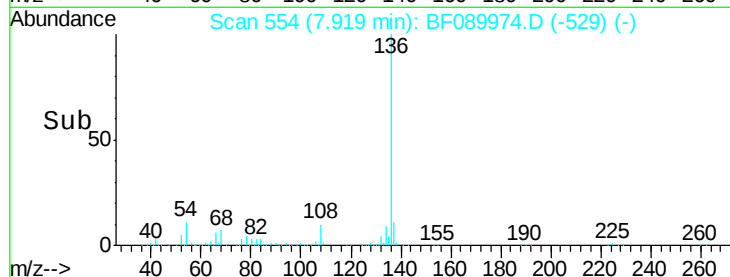
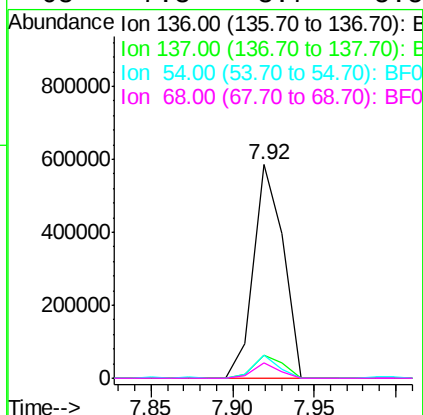
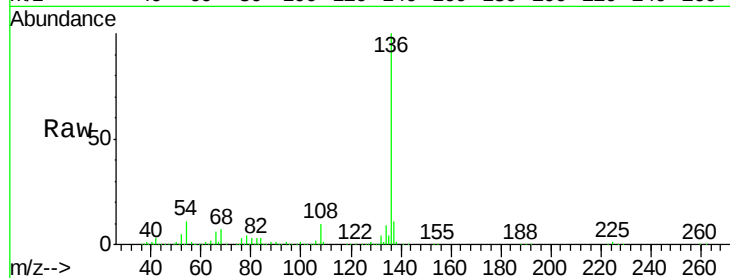
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :
PB93205BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	739347		
137	10.9	8.3	12.5	
54	11.0	4.8	7.2#	
68	7.3	3.7	5.5#	

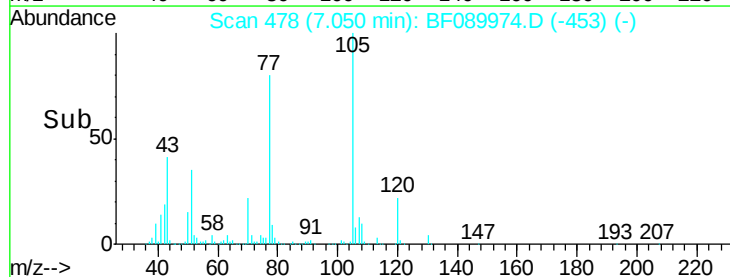
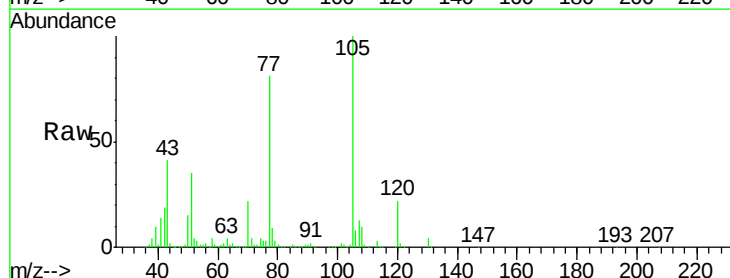
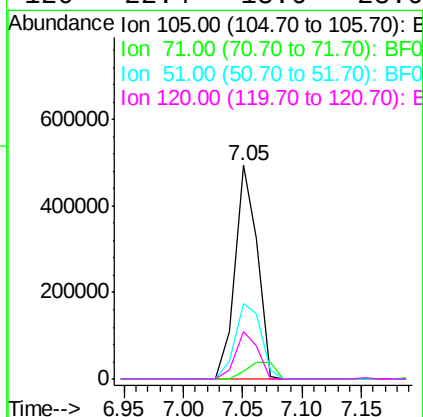
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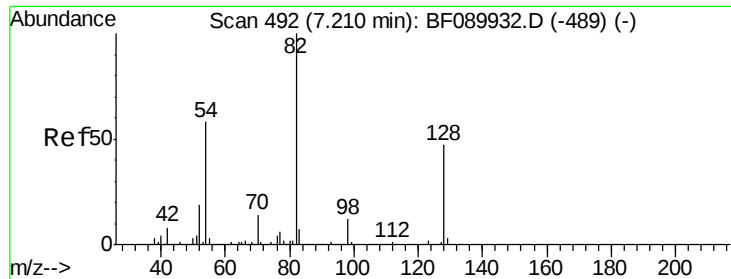
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#22
Acetophenone
Concen: 38.76 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	642899		
71	3.8	5.3	7.9#	
51	35.5	32.6	48.8	
120	22.4	18.6	28.0	





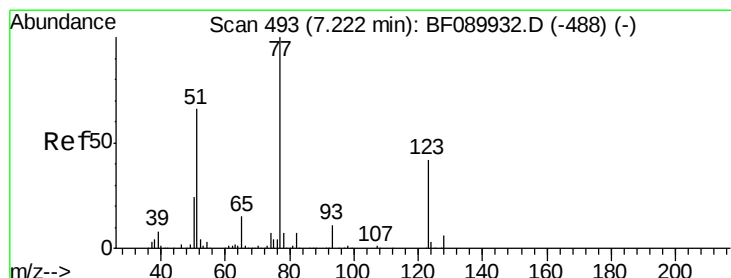
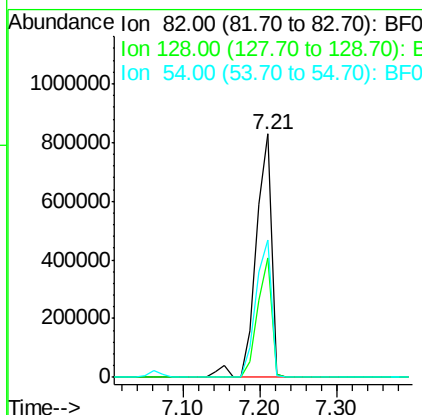
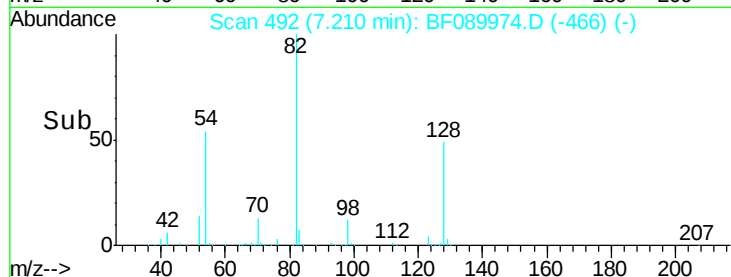
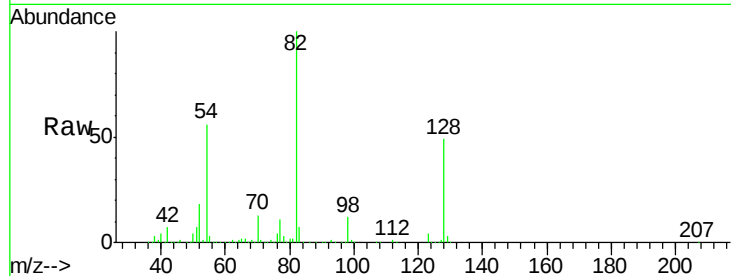
#23
 Nitrobenzene-d5
 Concen: 88.89 ng
 RT: 7.21 min Scan# 492
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB93205BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.8	56.8
54	56.3	46.9	70.3

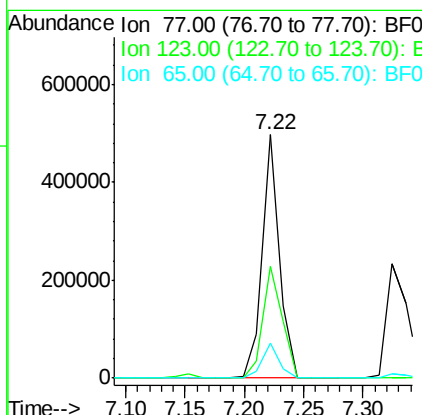
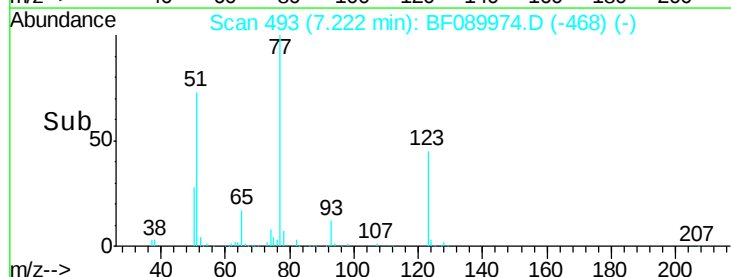
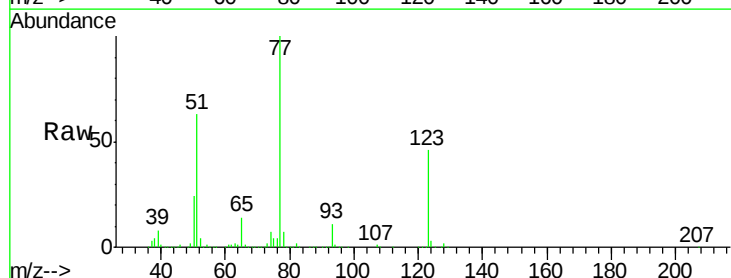
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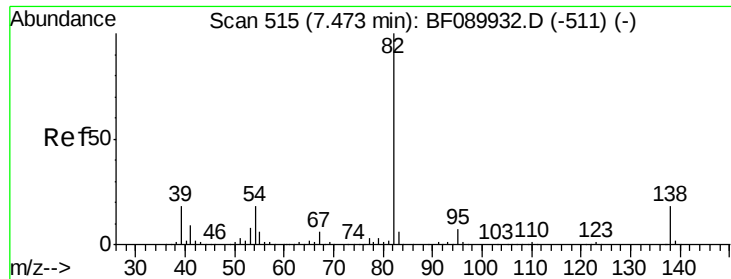
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#24
 Nitrobenzene
 Concen: 37.39 ng
 RT: 7.22 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	32.0	48.0
65	14.5	11.2	16.8





#25

Isophorone

Concen: 41.17 ng

RT: 7.47 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

PB93205BS

Tgt Ion: 82 Resp: 1067228

Ion Ratio Lower Upper

82 100

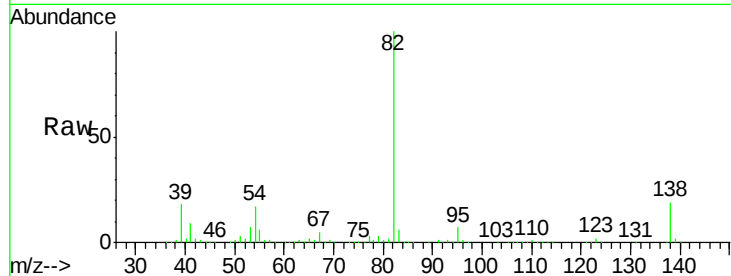
95 6.8 5.5 8.3

138 18.6 14.4 21.6

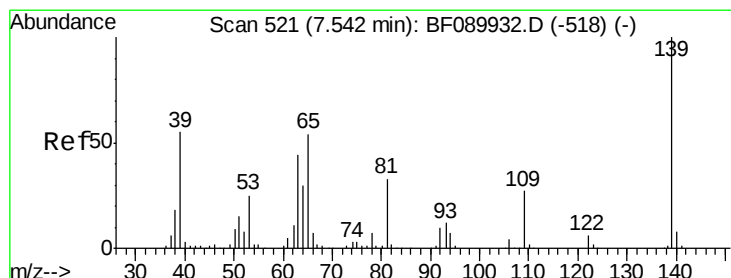
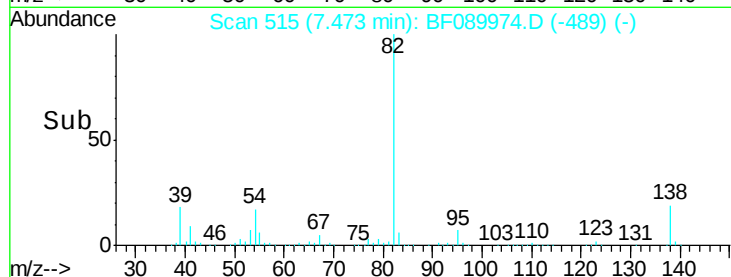
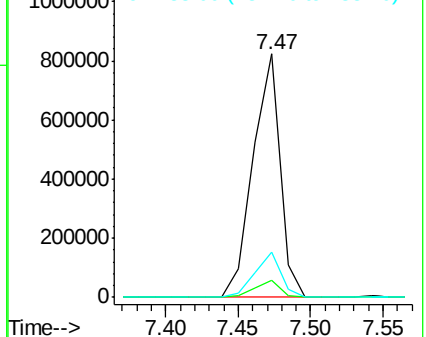
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.96 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

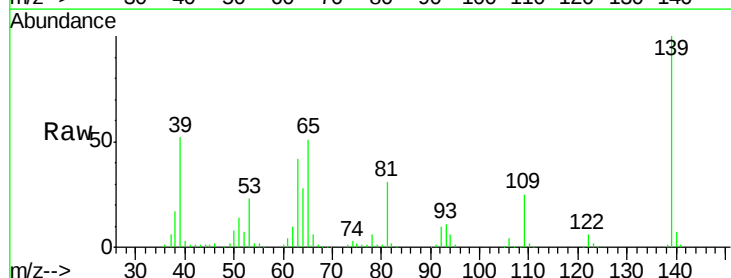
Tgt Ion: 139 Resp: 291261

Ion Ratio Lower Upper

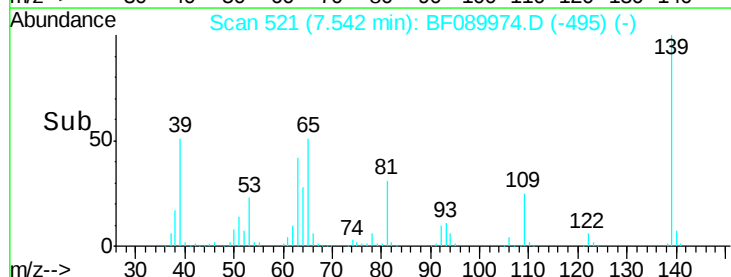
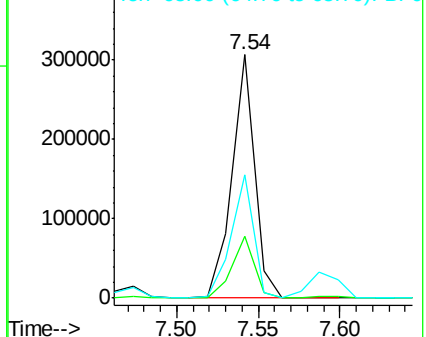
139 100

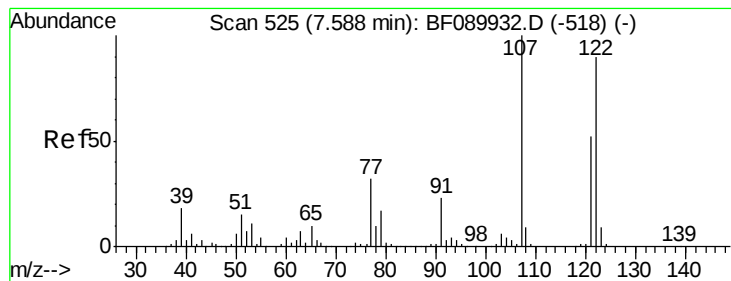
109 25.3 21.0 31.4

65 50.9 43.4 65.0



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





#27

2,4-Dimethylphenol

Concen: 43.72 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

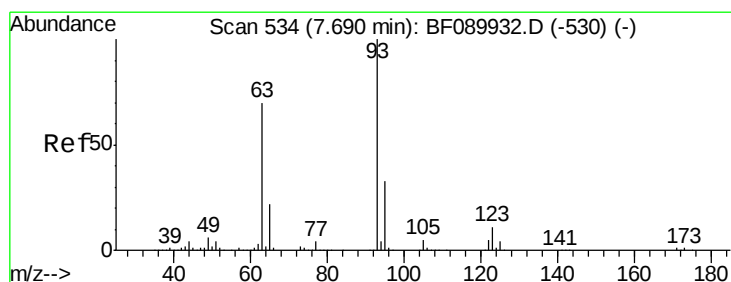
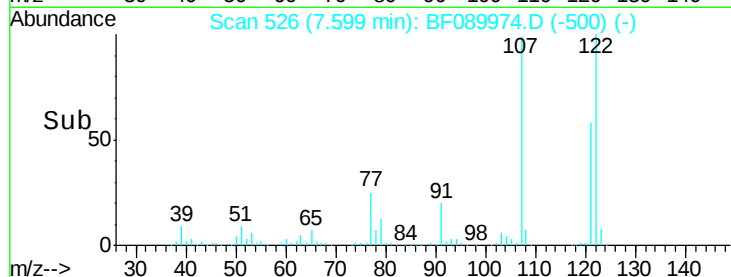
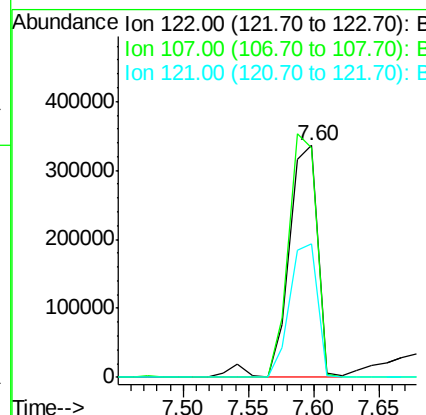
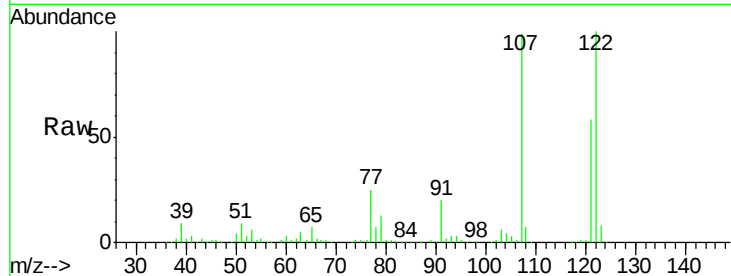
ClientSampleId :

PB93205BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	523978		
107	99.3	88.5	132.7	
121	57.7	46.0	69.0	

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#28

bis(2-Chloroethoxy)methane

Concen: 45.63 ng

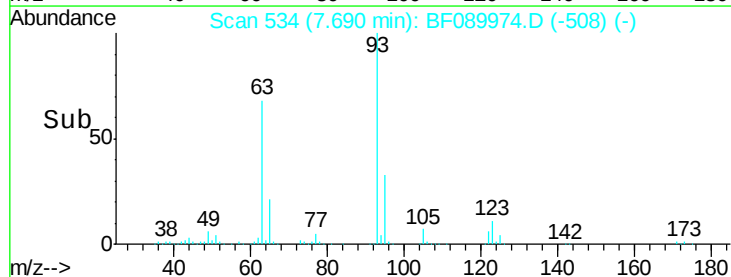
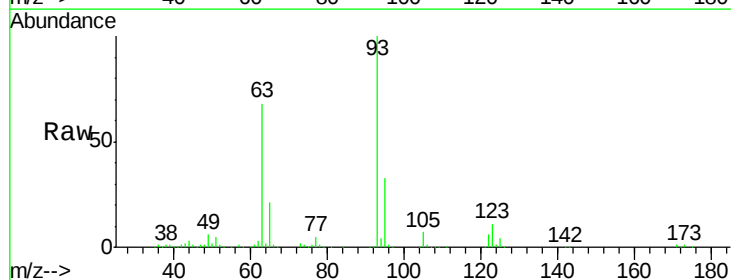
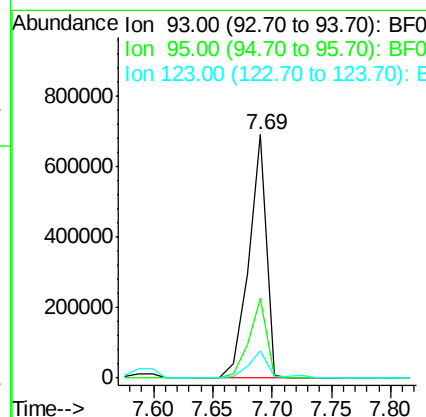
RT: 7.69 min Scan# 534

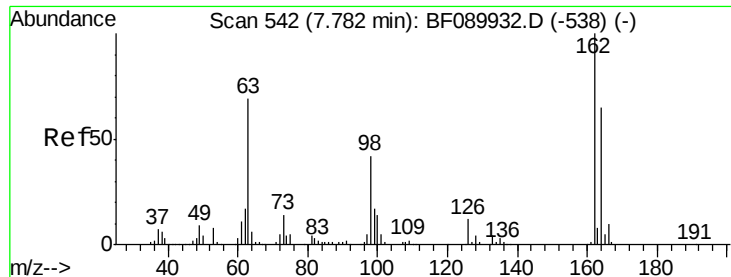
Delta R.T. 0.00 min

Lab File: BF089974.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	713492		
95	32.7	26.6	40.0	
123	11.4	9.1	13.7	





#29

2,4-Dichlorophenol

Concen: 42.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

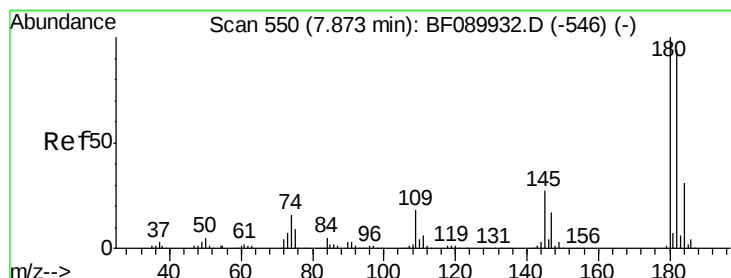
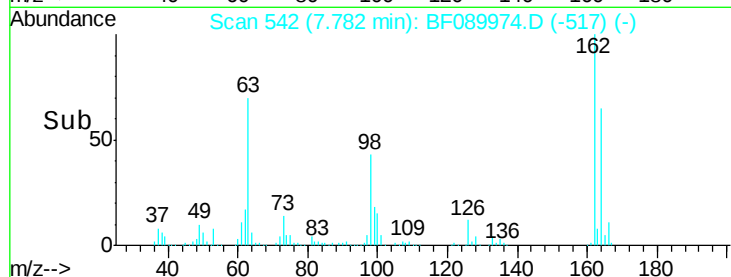
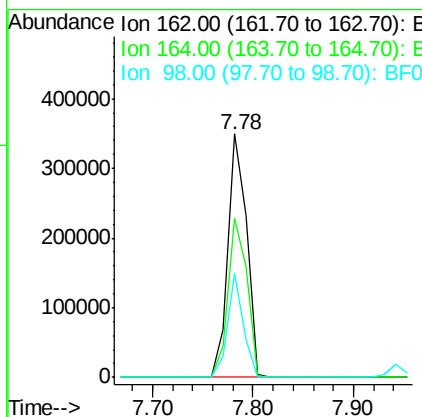
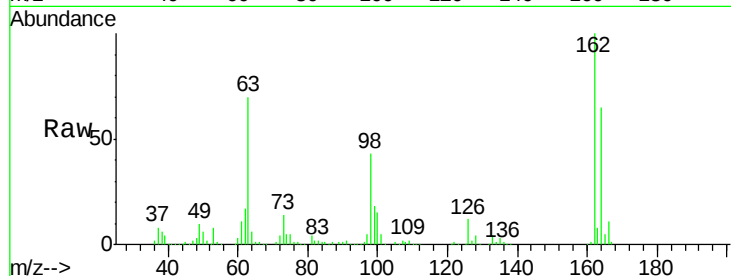
ClientSampleId :

PB93205BS

Tgt Ion:	162	Resp:	451294
Ion Ratio	Lower	Upper	
162	100		
164	65.5	46.6	86.6
98	42.8	22.0	62.0

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#30

1,2,4-Trichlorobenzene

Concen: 44.14 ng

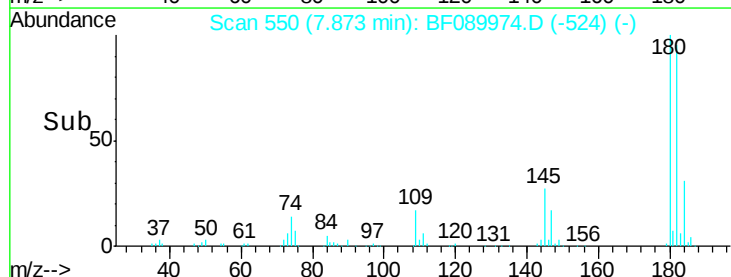
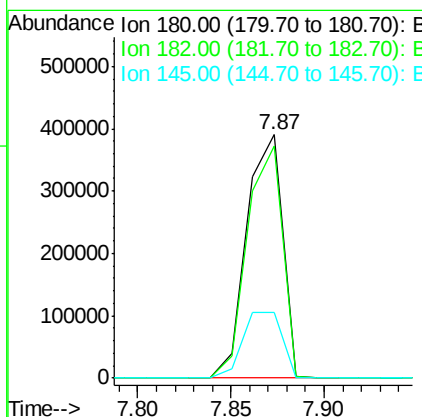
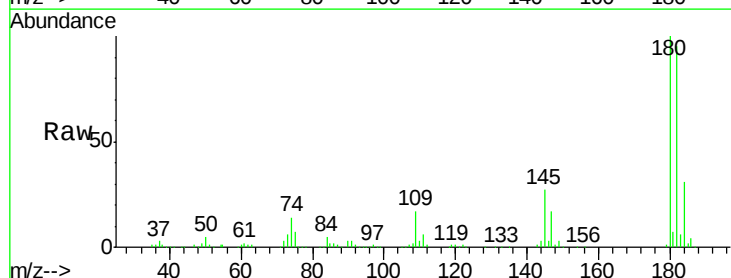
RT: 7.87 min Scan# 550

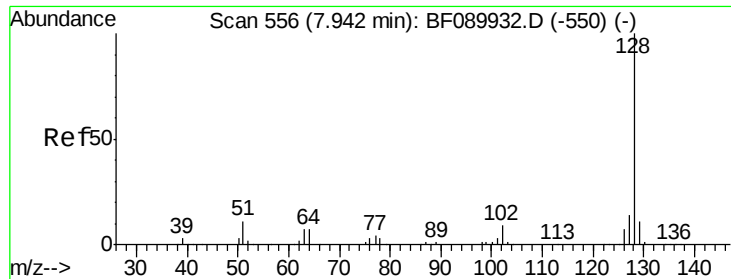
Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Tgt Ion:	180	Resp:	518519
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.2	114.2
145	27.1	22.2	33.4





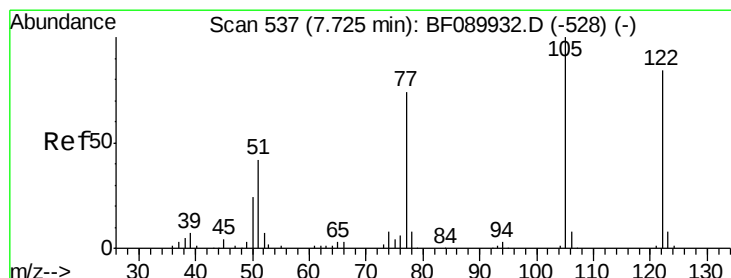
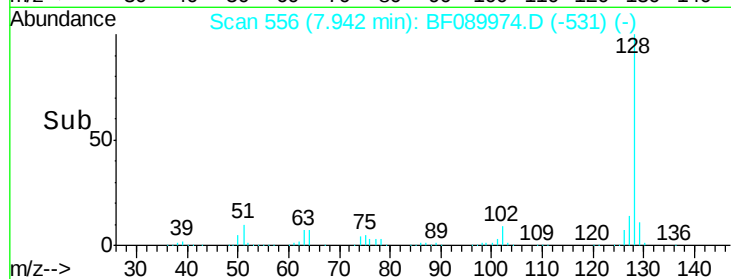
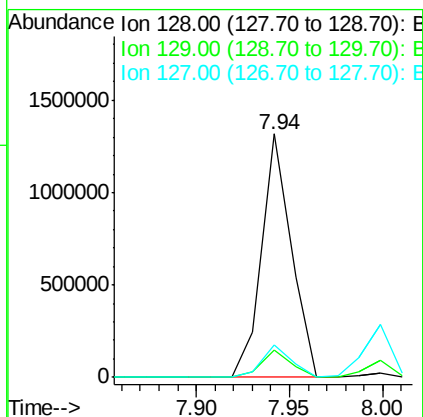
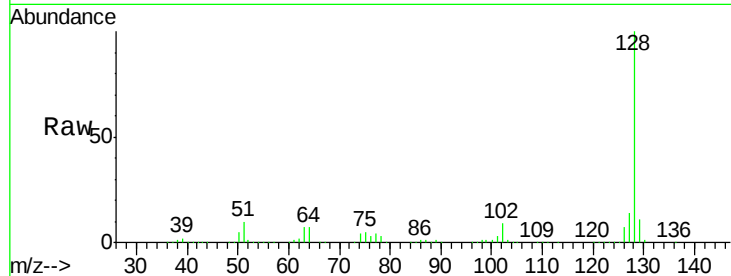
#31
Naphthalene
Concen: 39.40 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :
PB93205BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	13.6	10.7	16.1

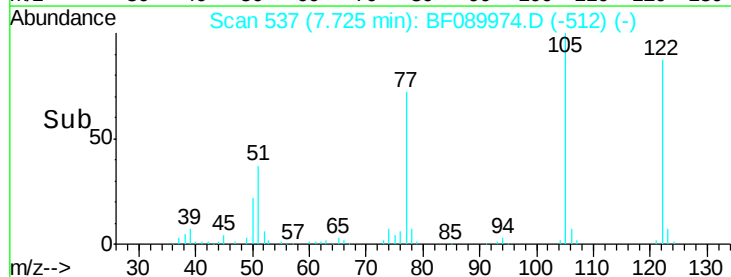
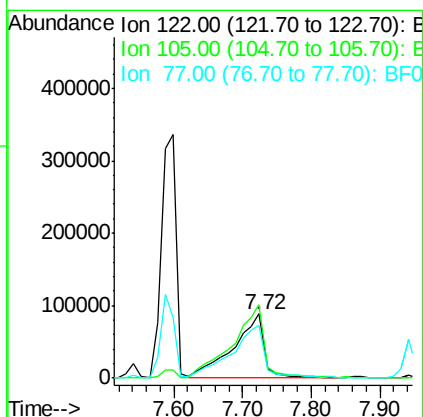
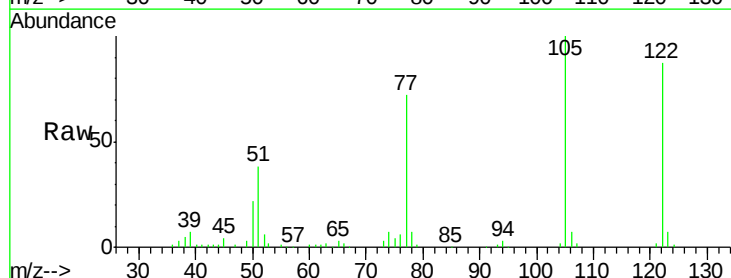
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#32
Benzoic acid
Concen: 33.55 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.5	102.2	142.2
77	83.7	74.1	114.1





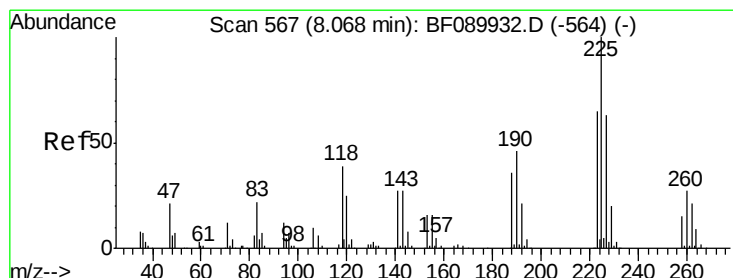
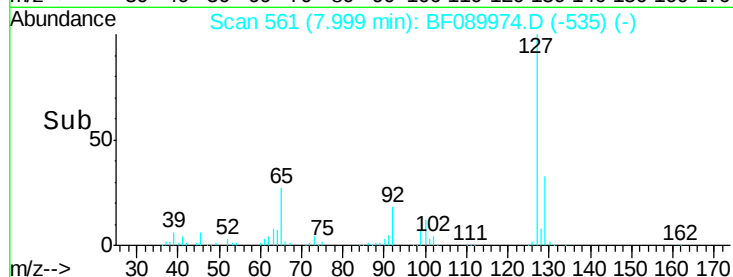
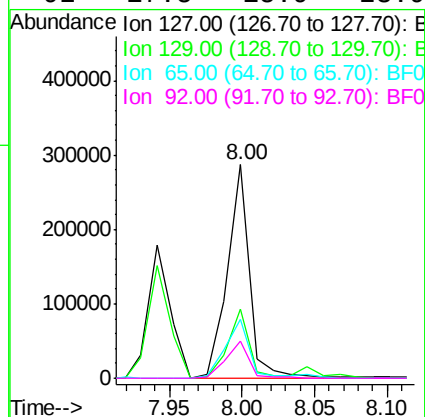
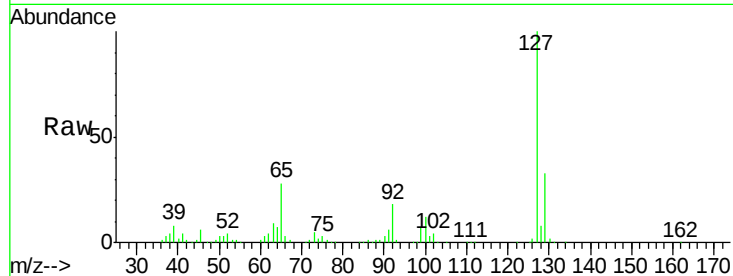
#33
4-Chloroaniline
Concen: 20.46 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :
PB93205BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	25.9	38.9	
65	27.7	26.0	39.0	
92	17.5	15.9	23.9	

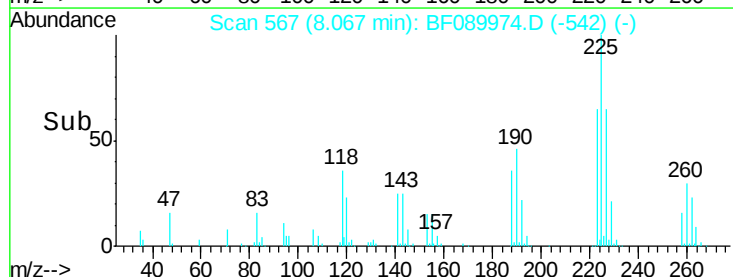
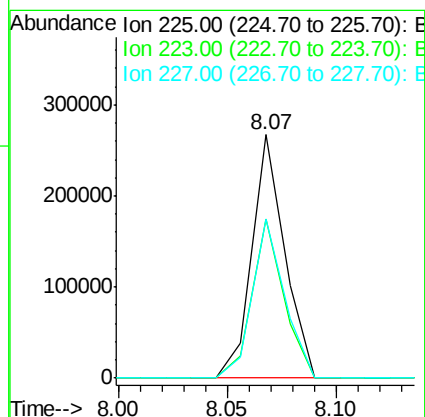
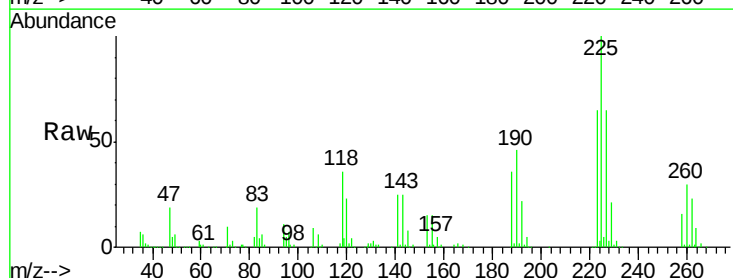
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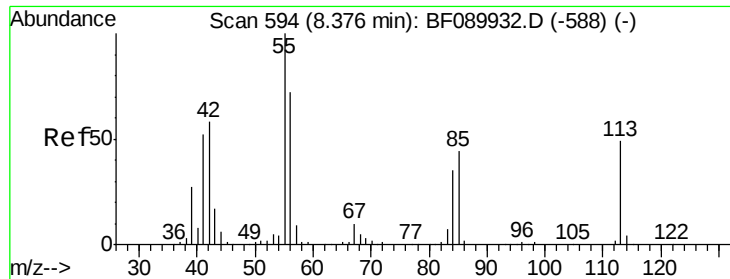
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#34
Hexachlorobutadiene
Concen: 40.54 ng
RT: 8.07 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.4	52.6	78.8	
227	65.2	50.8	76.2	





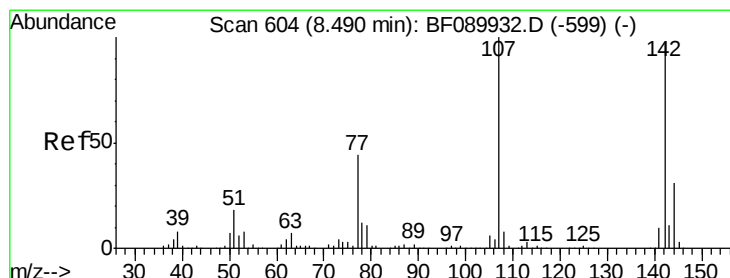
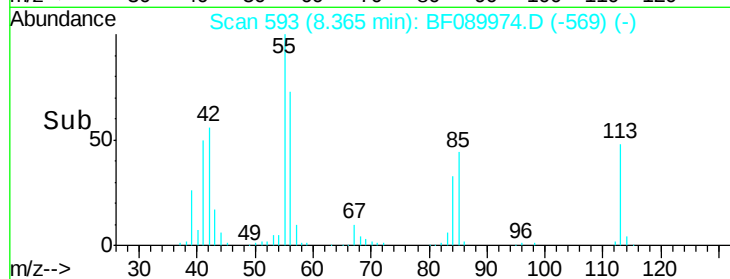
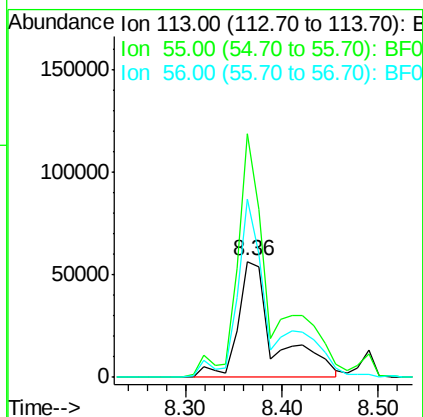
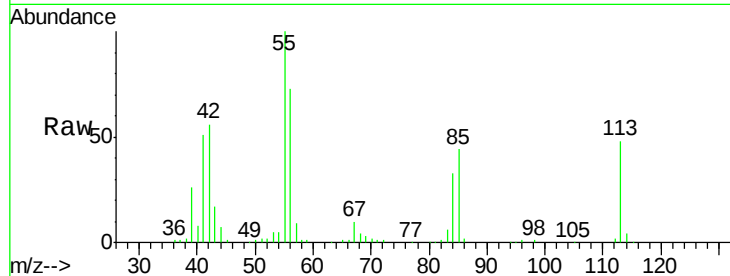
#35
 Caprolactam
 Concen: 44.72 ng m
 RT: 8.36 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB93205BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	151643		
55	209.8	178.5	218.5	
56	153.2	122.7	162.7	

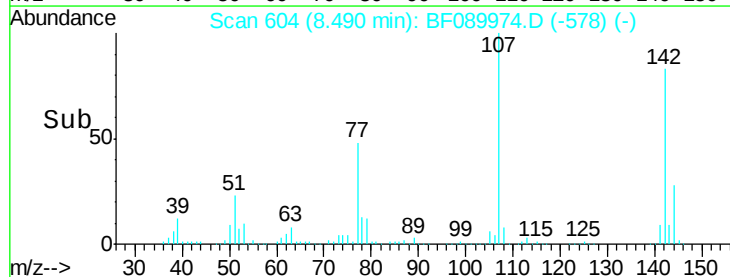
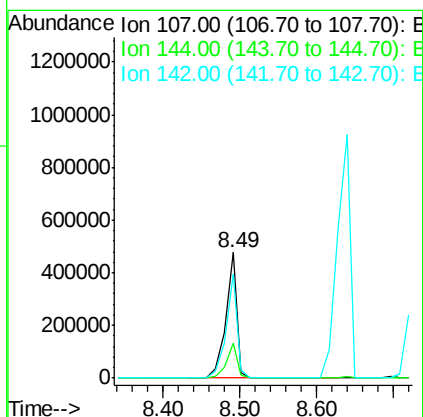
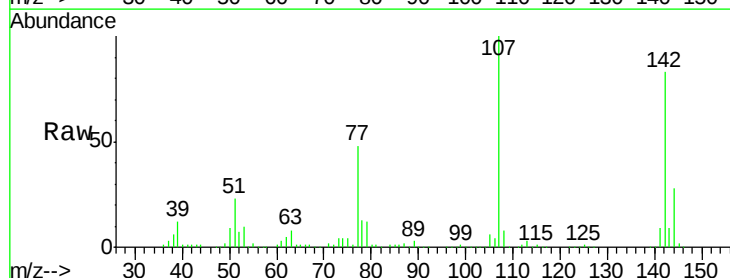
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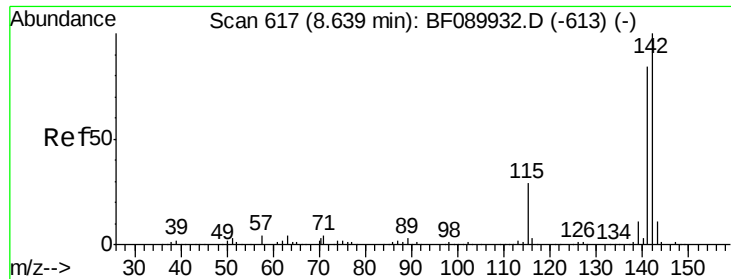
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#36
 4-Chloro-3-methylphenol
 Concen: 43.18 ng
 RT: 8.49 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	491296		
144	27.5	25.8	38.8	
142	83.2	79.2	118.8	





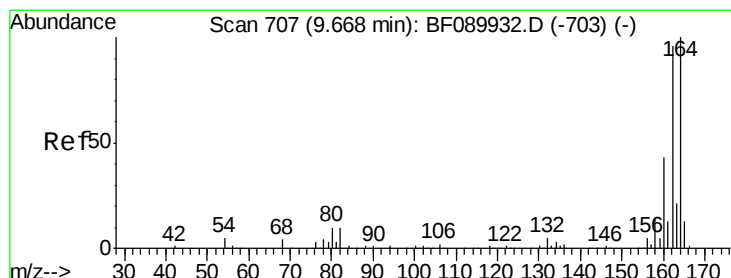
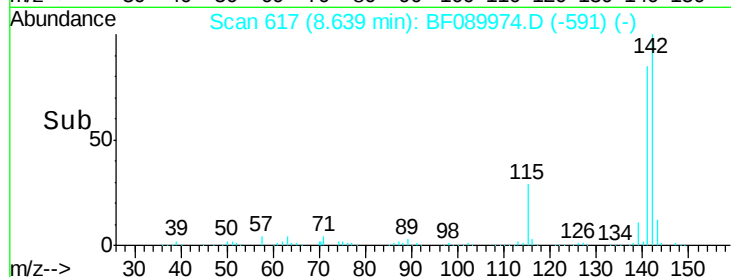
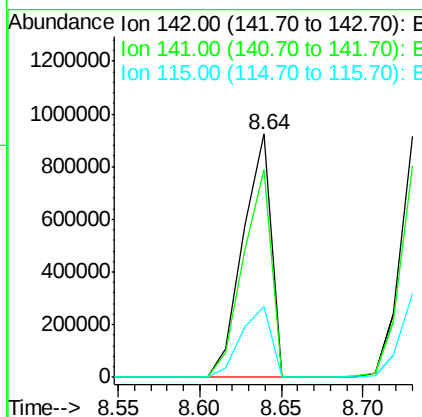
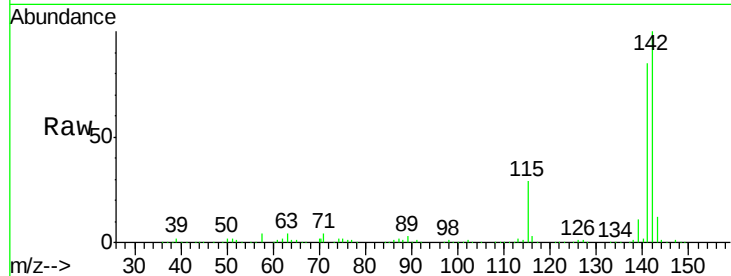
#37
 2-Methylnaphthalene
 Concen: 45.53 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB93205BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.2	68.3	102.5
115	29.1	23.8	35.8

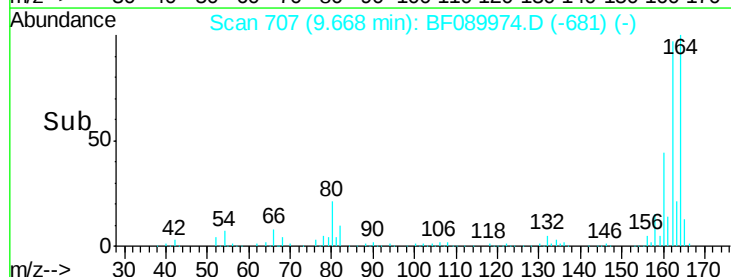
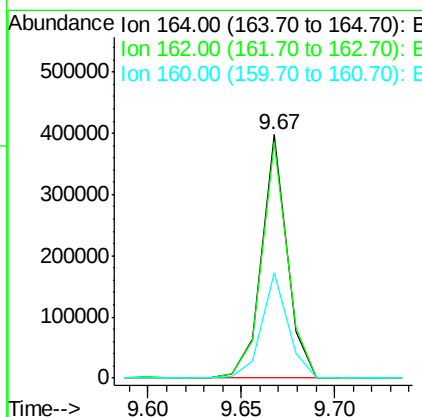
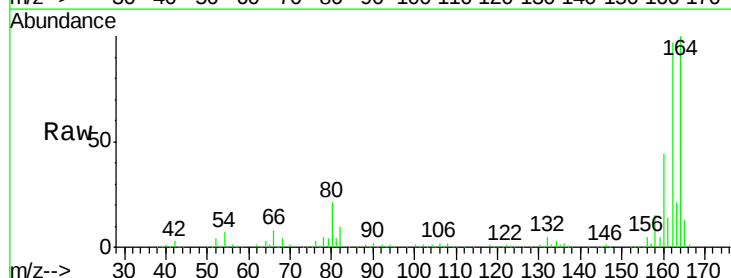
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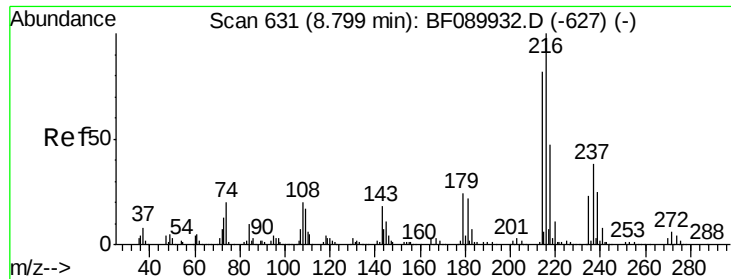
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.9	77.1	115.7
160	43.5	35.3	52.9





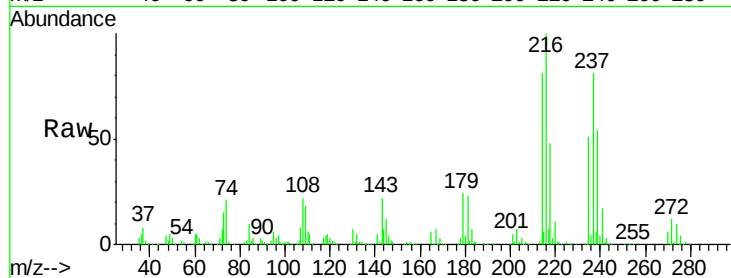
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.67 ng
 RT: 8.80 min Scan# 631
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB93205BS

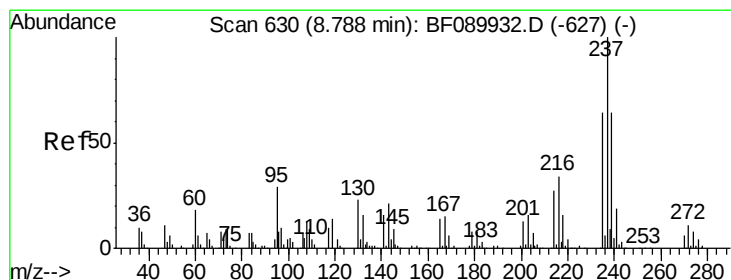
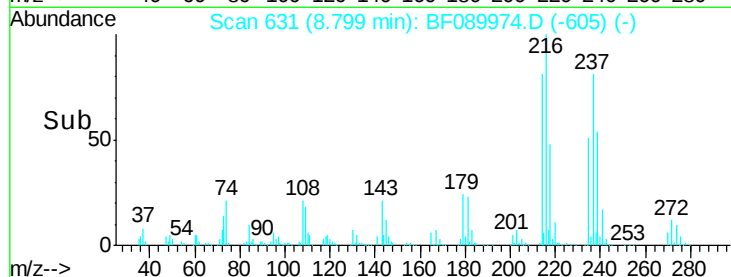
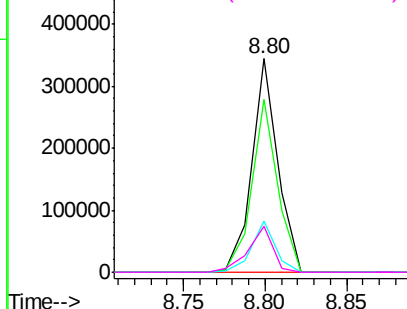
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	379727		
214	79.8	63.4	95.2	
179	21.6	17.3	25.9	
108	20.8	15.5	23.3	

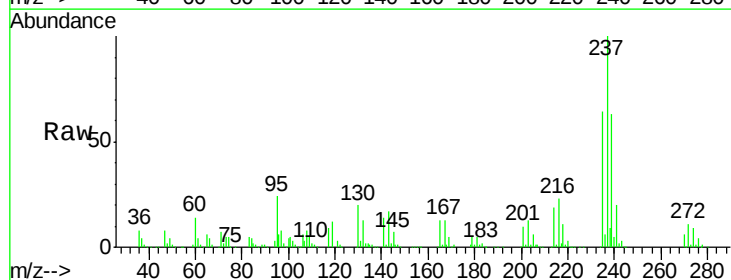


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

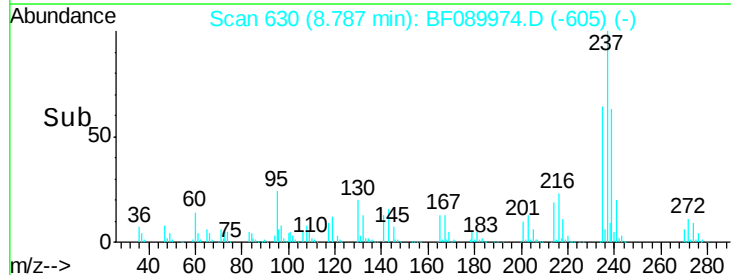
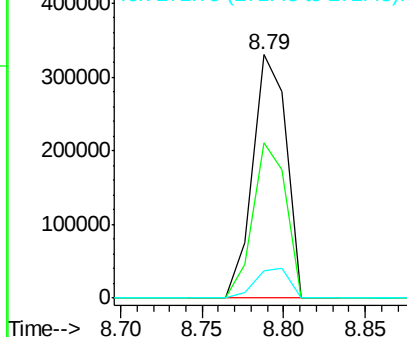


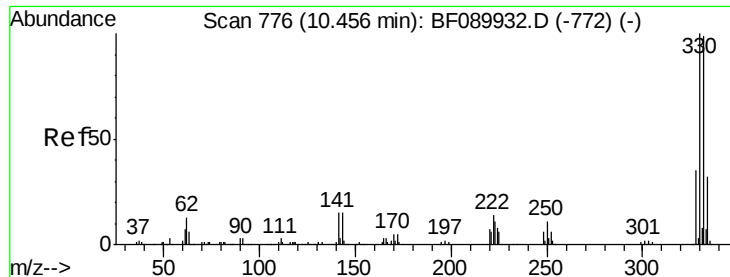
#40
 Hexachlorocyclopentadiene
 Concen: 83.81 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	470630		
235	63.7	39.6	79.6	
272	11.4	0.0	34.6	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





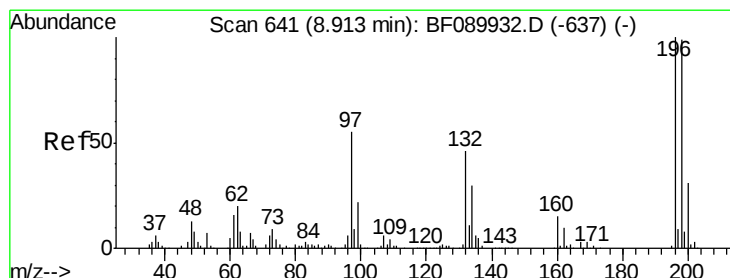
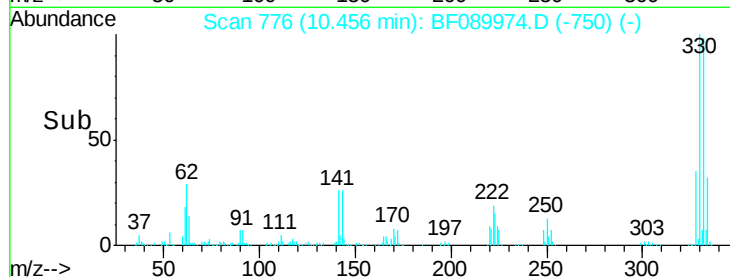
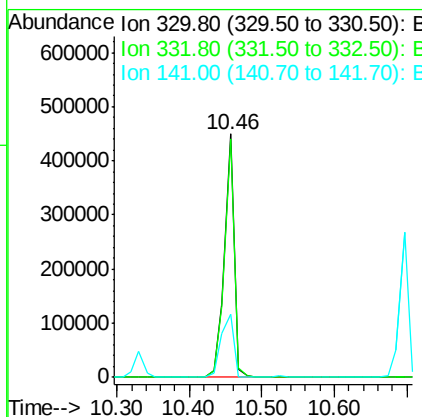
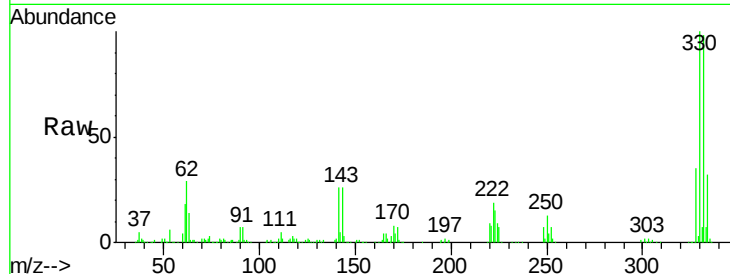
#41
 2,4,6-Tribromophenol
 Concen: 116.19 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB93205BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	428564		
332	97.3	78.6	117.8	
141	33.9	23.3	34.9	

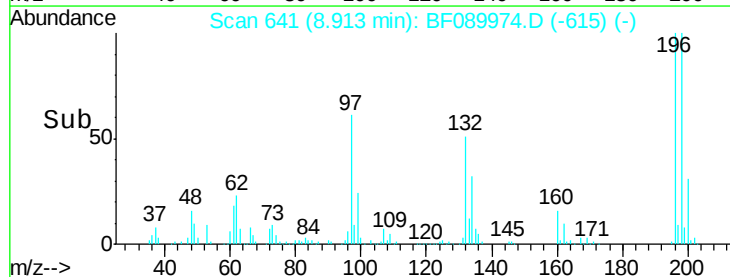
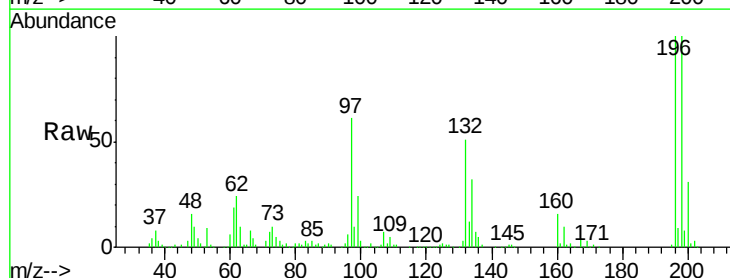
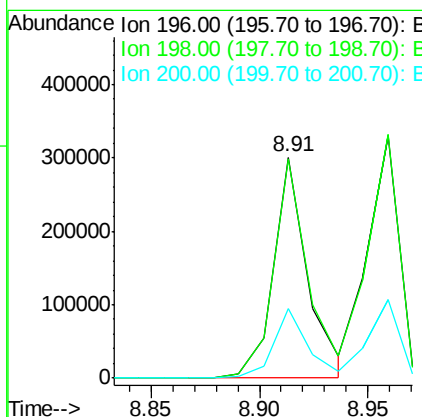
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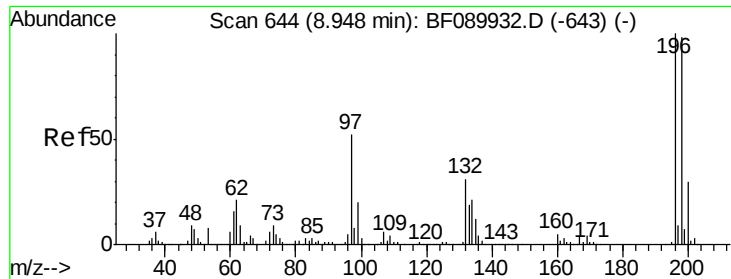
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#42
 2,4,6-Trichlorophenol
 Concen: 43.86 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

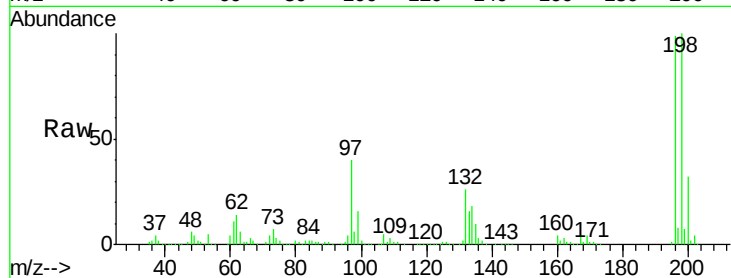
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	332927		
198	99.6	78.3	117.5	
200	31.4	24.8	37.2	





#43
 2,4,5-Trichlorophenol
 Concen: 46.06 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

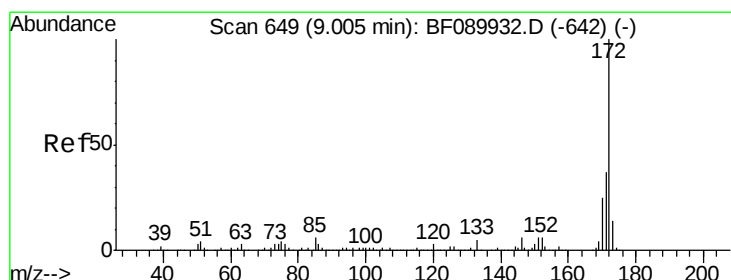
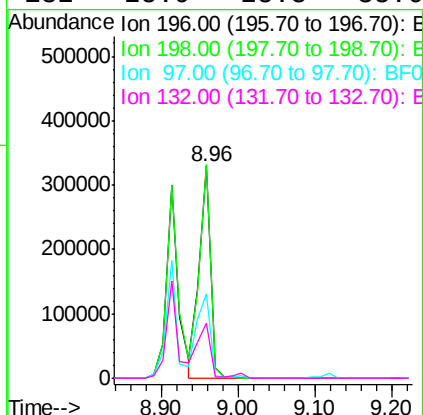
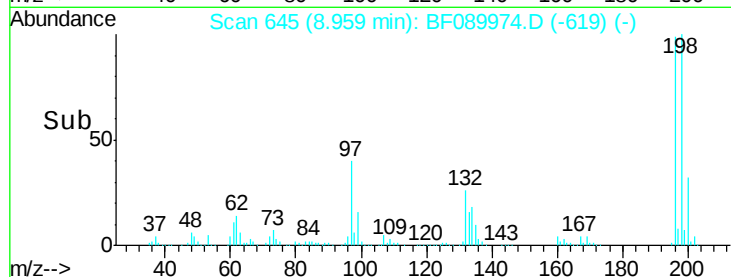
Instrument :
 BNA_F
 ClientSampleId :
 PB93205BS



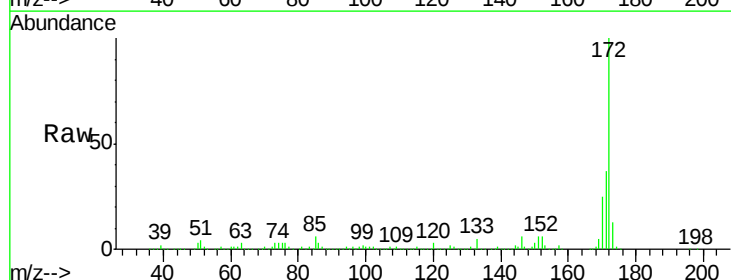
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	336197		
198	100.6	80.8	121.2	
97	40.0	44.2	66.4	
132	25.9	25.8	38.6	

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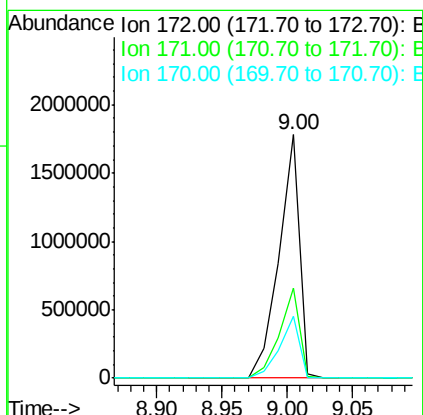
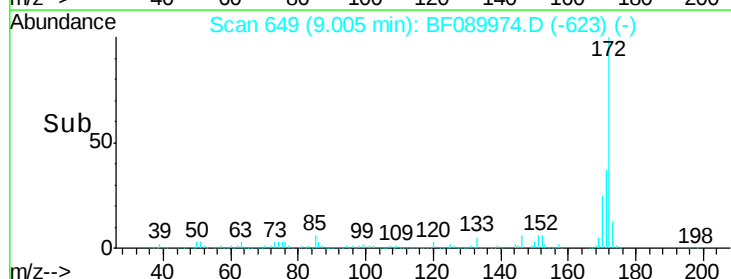
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#44
 2-Fluorobiphenyl
 Concen: 86.34 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1966427		
171	37.0	29.4	44.2	
170	25.3	20.1	30.1	





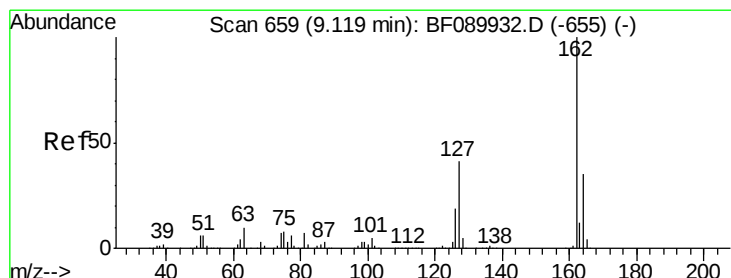
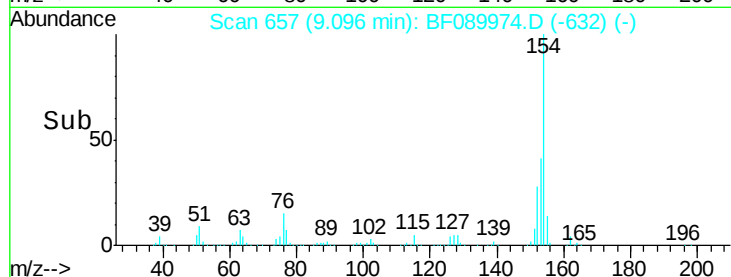
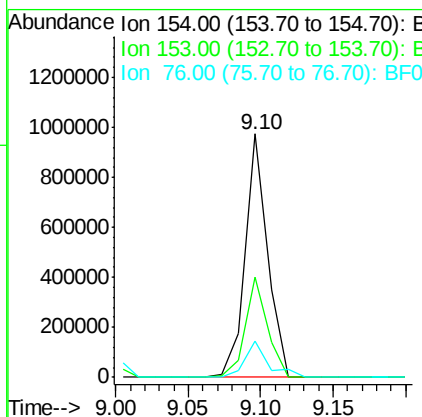
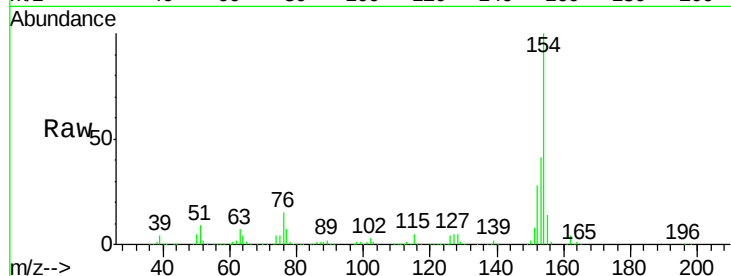
#45
 1,1'-Biphenyl
 Concen: 34.54 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB93205BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.6	60.6
76	15.0	0.0	34.9

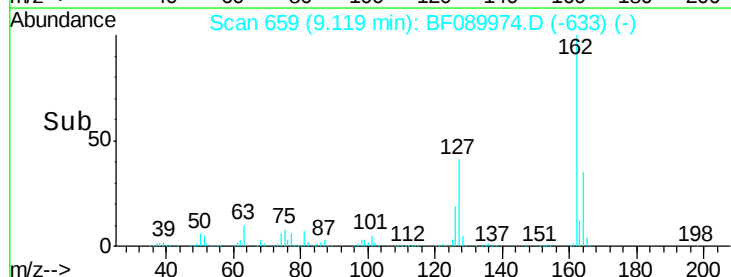
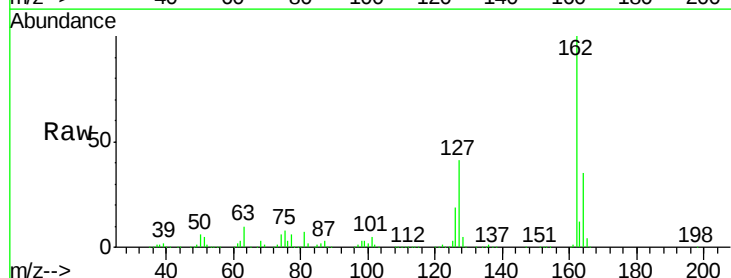
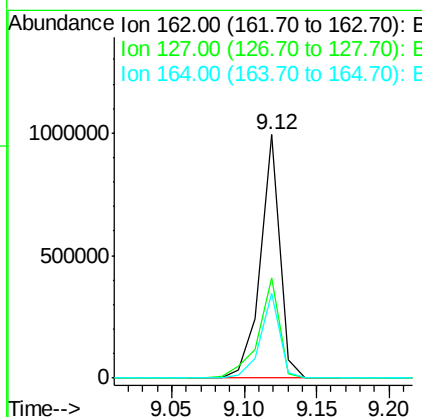
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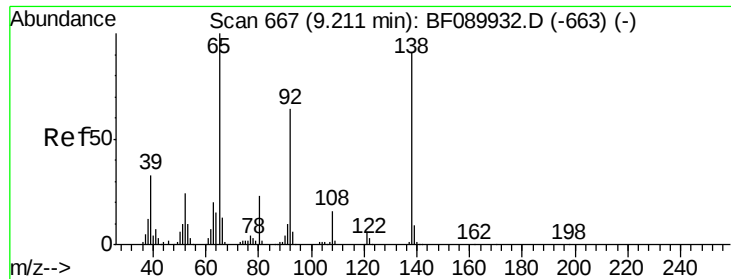
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#46
 2-Chloronaphthalene
 Concen: 43.32 ng
 RT: 9.12 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.5	50.3
164	34.9	28.2	42.4





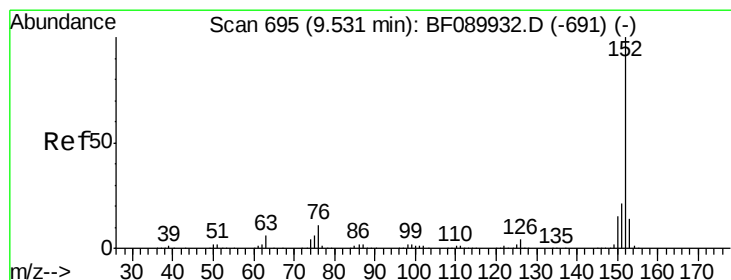
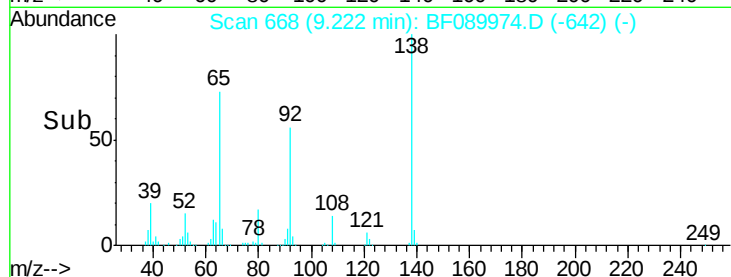
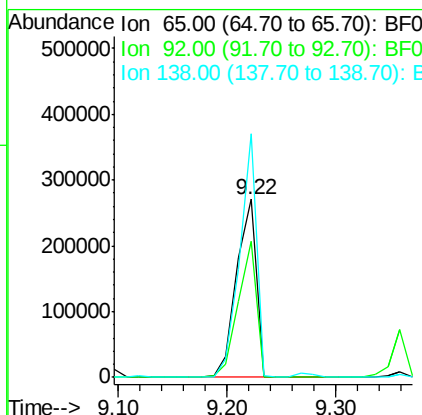
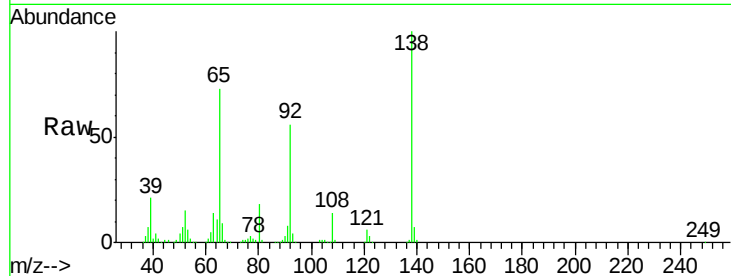
#47
2-Nitroaniline
Concen: 48.36 ng
RT: 9.22 min Scan# 668
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :
PB93205BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.3	52.0	78.0
138	136.7	72.1	108.1

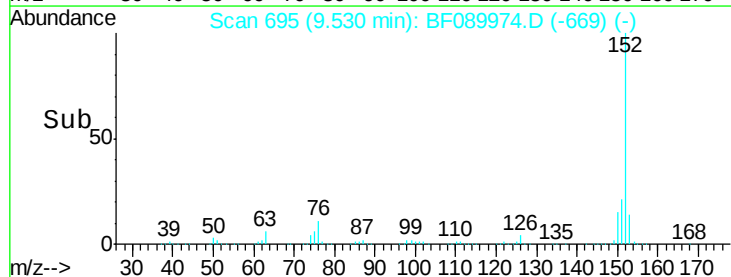
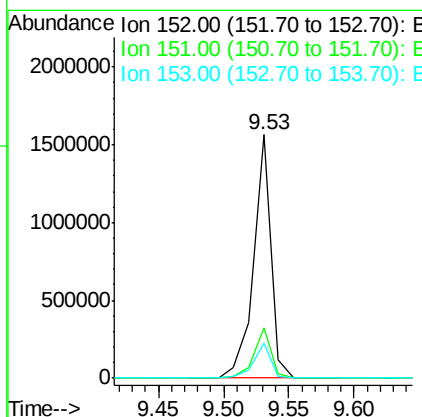
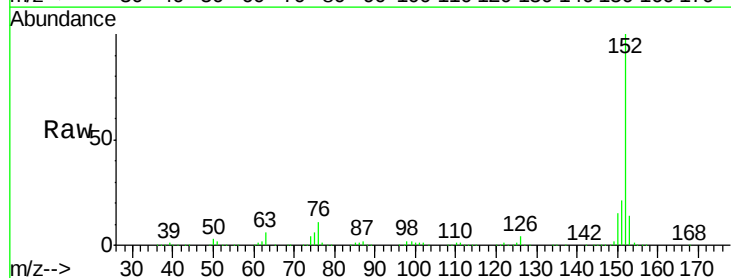
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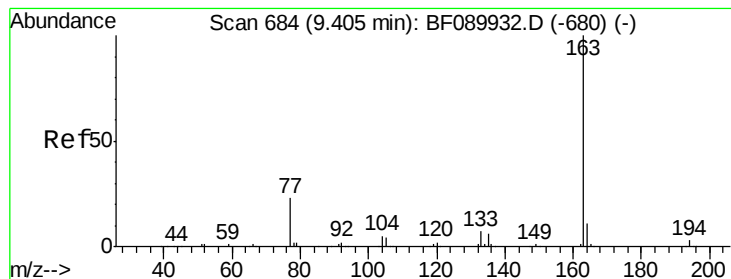
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#48
Acenaphthylene
Concen: 41.03 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

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





#49

Dimethylphthalate

Concen: 41.42 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

PB93205BS

Tgt Ion:163 Resp: 1119334

Ion Ratio Lower Upper

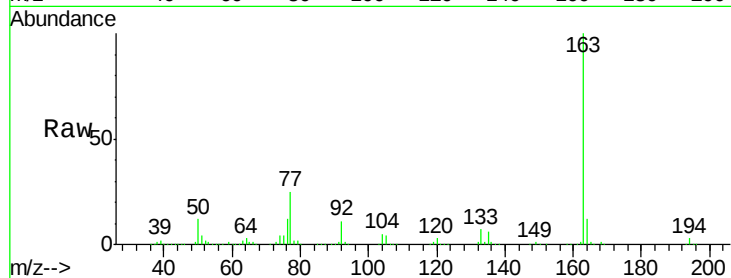
163 100

194 3.3 2.7 4.1

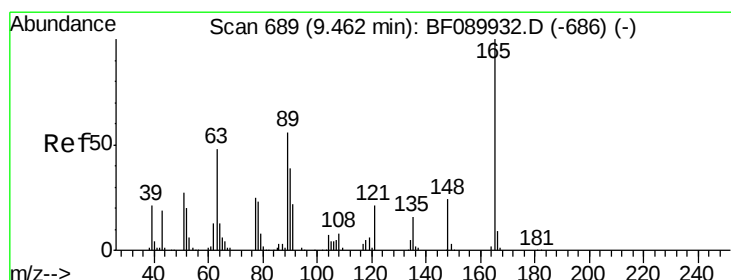
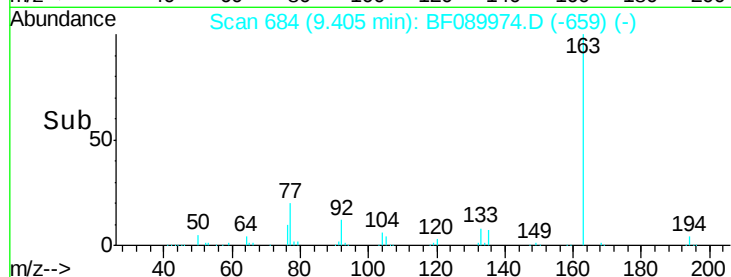
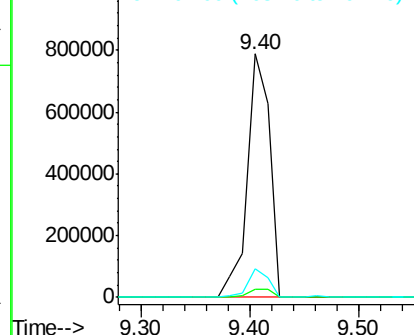
164 11.6 9.0 13.4

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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: 41.28 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

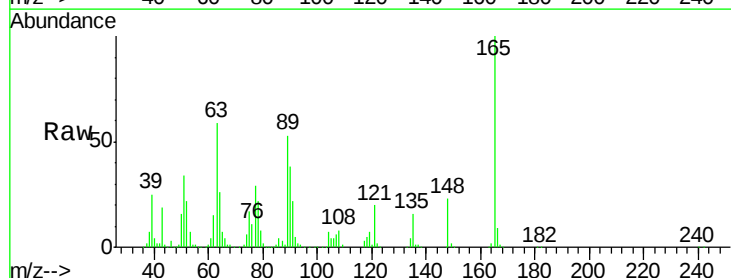
Tgt Ion:165 Resp: 248104

Ion Ratio Lower Upper

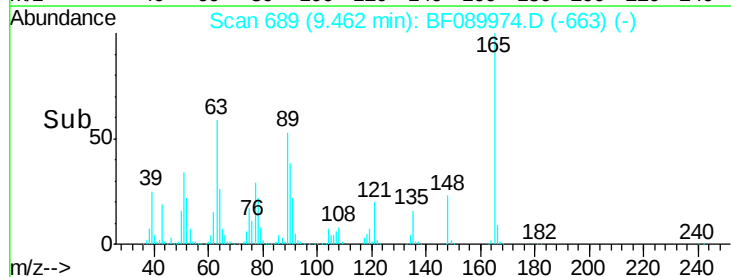
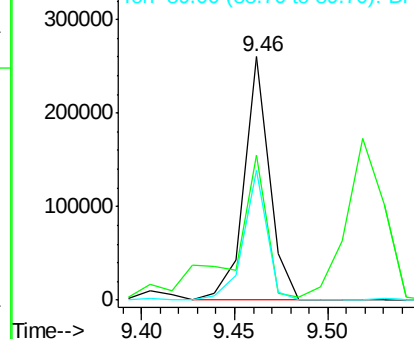
165 100

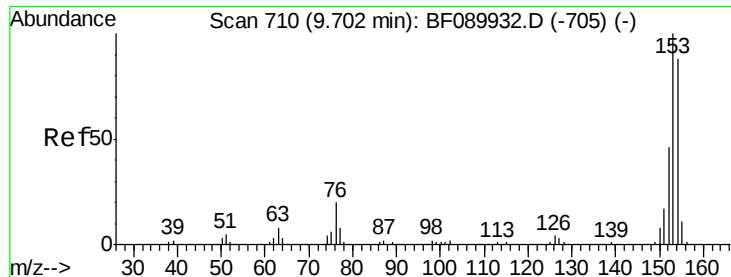
63 59.4 45.0 67.4

89 53.2 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





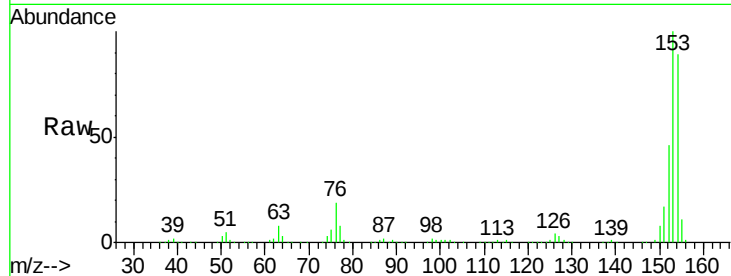
#51
Acenaphthene
Concen: 45.01 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :
PB93205BS

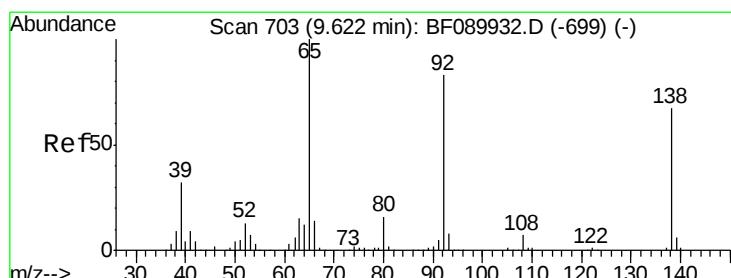
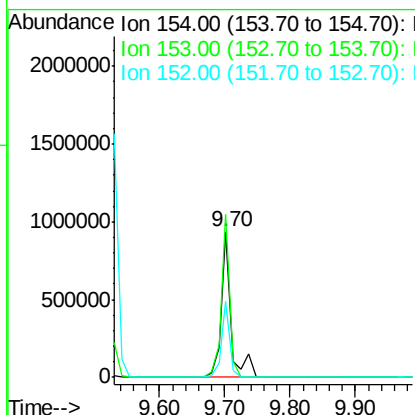
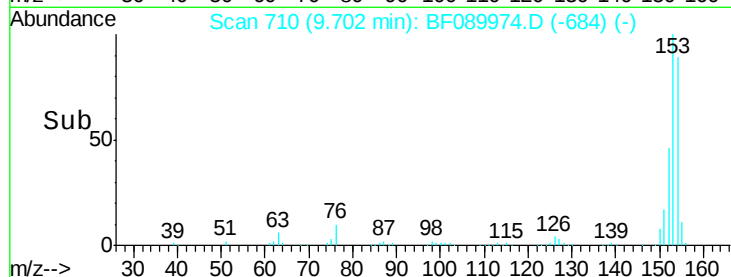
Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.6	135.8
152	52.0	42.4	63.6

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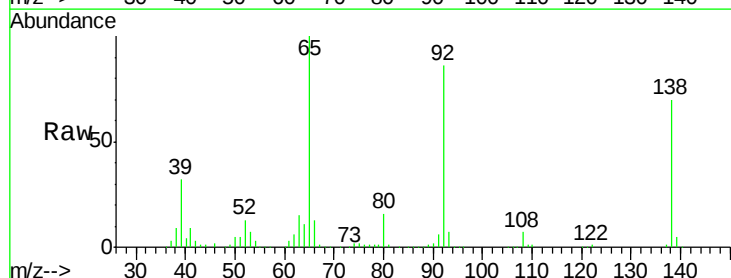


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

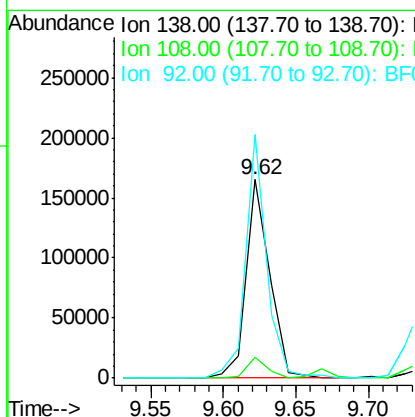
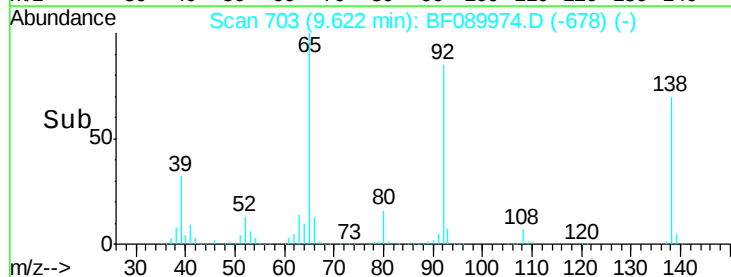


#52
3-Nitroaniline
Concen: 27.18 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.3	12.5
92	122.7	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





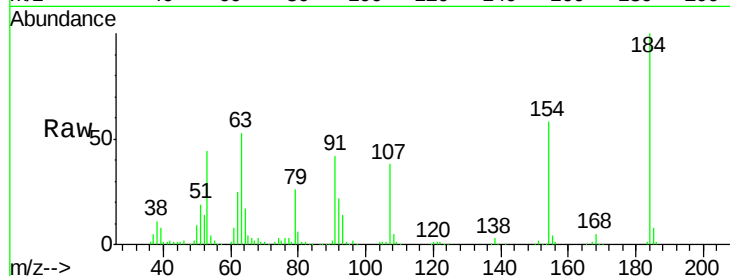
#53
2,4-Dinitrophenol
Concen: 65.42 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :
PB93205BS

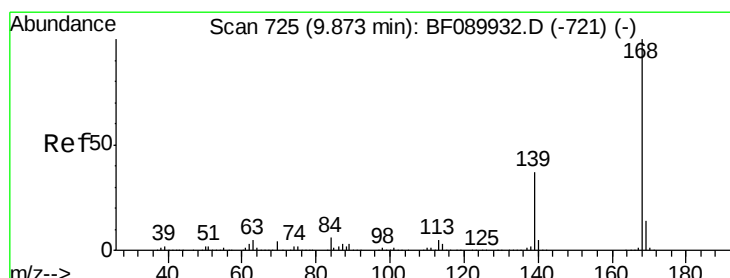
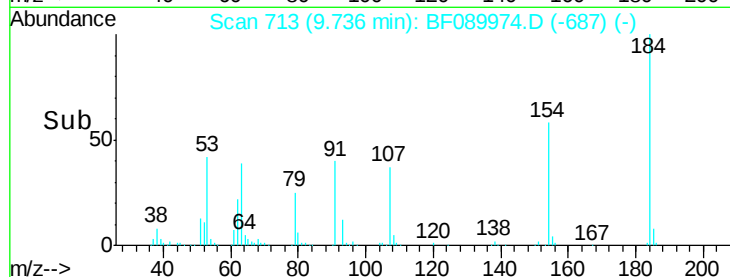
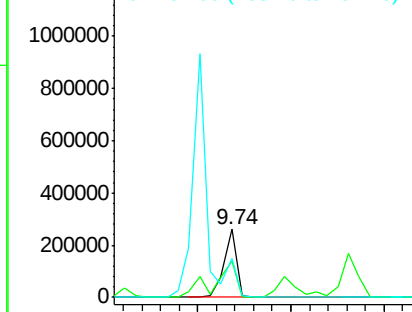
Tgt Ion:184 Resp: 247316
Ion Ratio Lower Upper
184 100
63 52.7 73.9 110.9#
154 57.9 53.5 80.3

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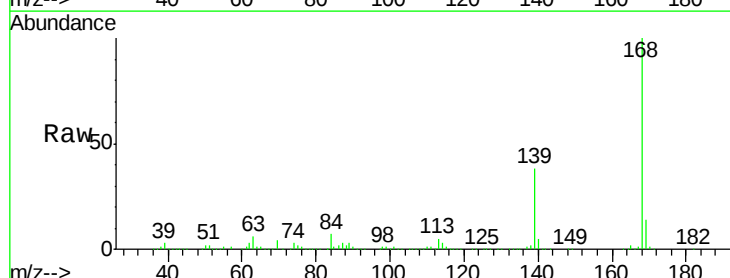


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

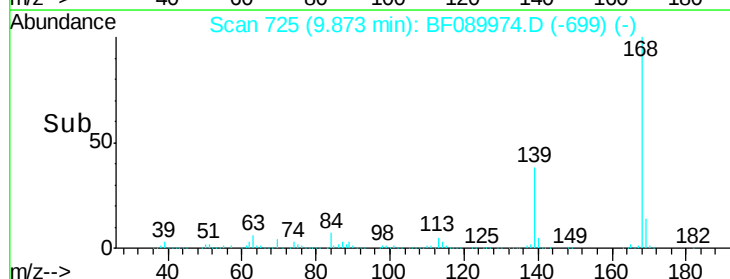
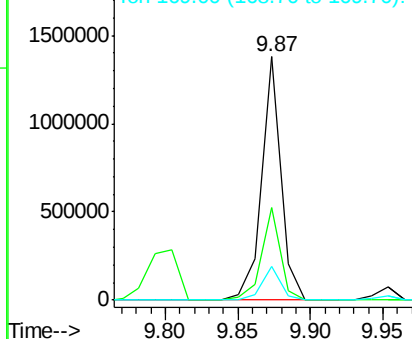


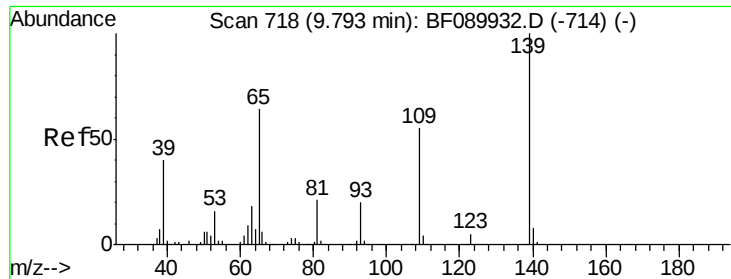
#54
Dibenzofuran
Concen: 42.46 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion:168 Resp: 1269272
Ion Ratio Lower Upper
168 100
139 38.3 29.5 44.3
169 14.0 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





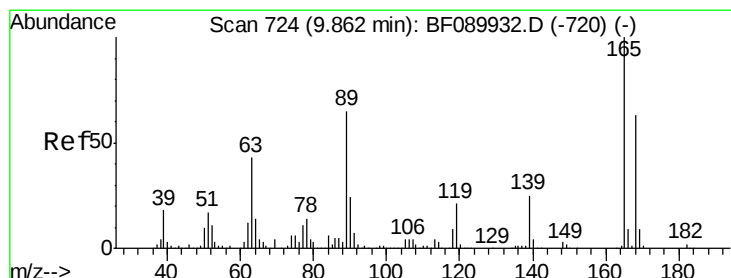
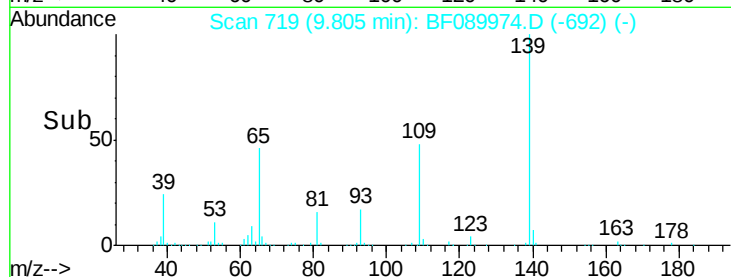
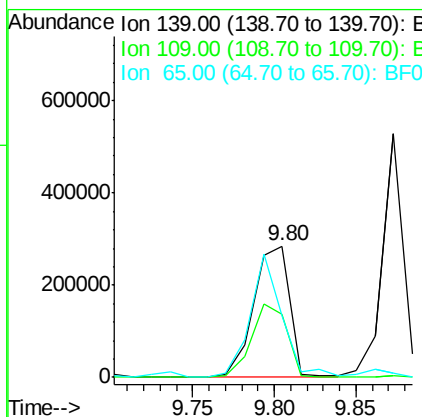
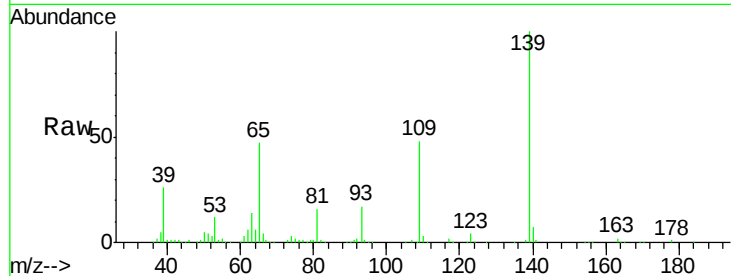
#55
4-Nitrophenol
Concen: 84.36 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :
PB93205BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	436155		
109	48.1	31.3	71.3	
65	46.5	38.5	78.5	

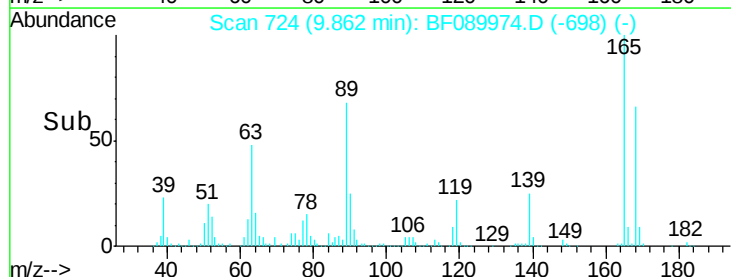
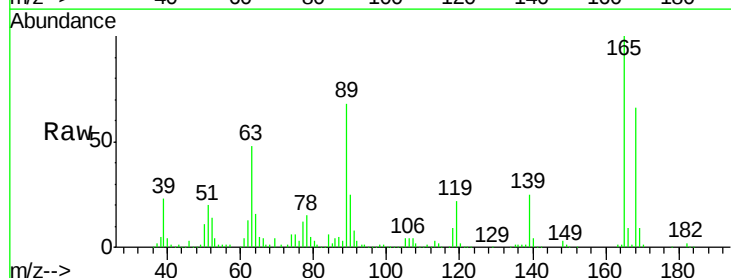
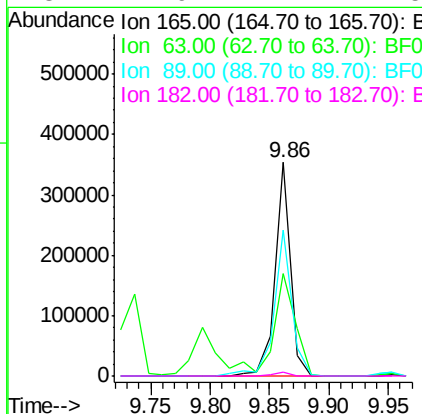
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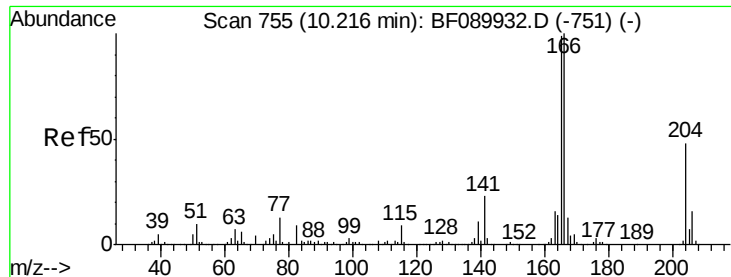
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#56
2,4-Dinitrotoluene
Concen: 41.85 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	318939		
63	48.1	32.5	48.7	
89	68.1	48.3	72.5	
182	1.9	1.7	2.5	





#57

Fluorene

Concen: 46.06 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

PB93205BS

Tgt Ion:166 Resp: 1006080

Ion Ratio Lower Upper

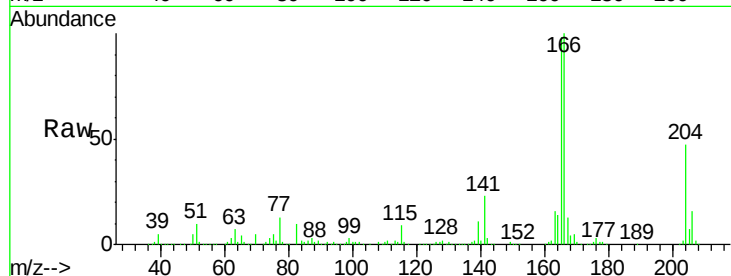
166 100

165 98.5 78.6 118.0

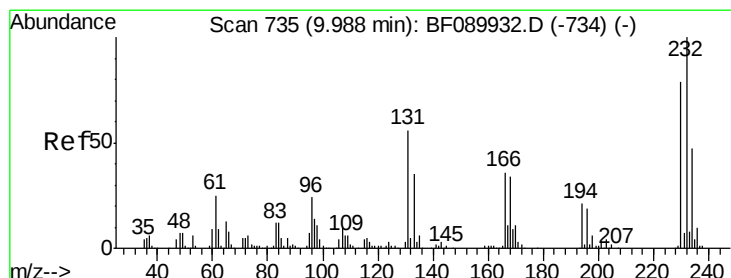
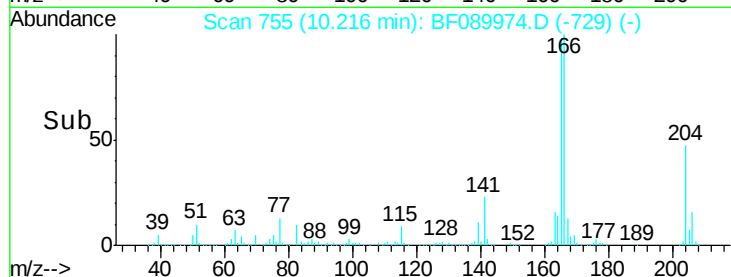
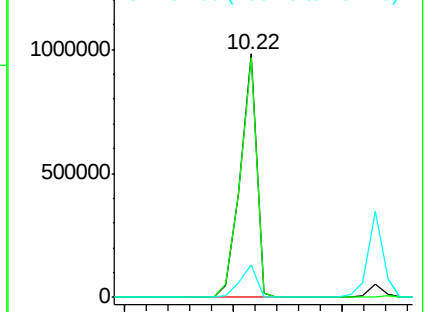
167 13.4 10.6 15.8

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.62 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Tgt Ion:232 Resp: 297549

Ion Ratio Lower Upper

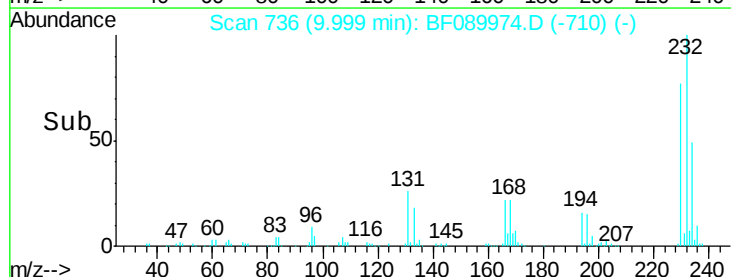
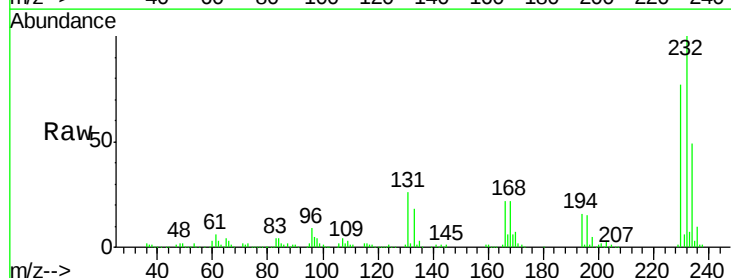
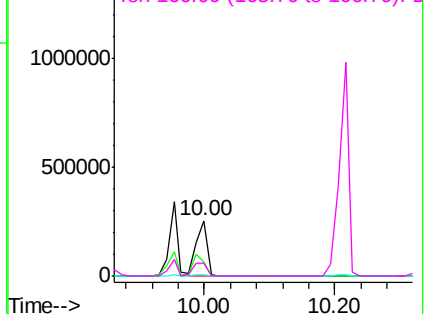
232 100

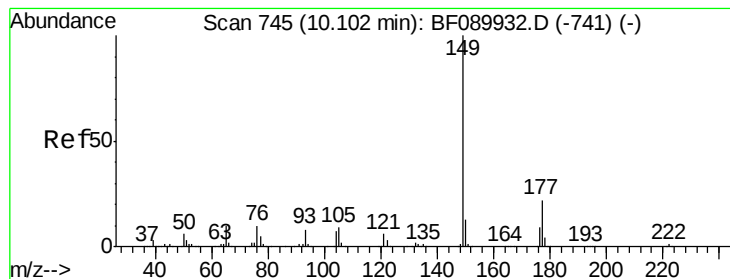
131 41.2 36.3 54.5

130 1.8 1.7 2.5

166 28.9 24.4 36.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.50 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampled :

PB93205BS

Tgt Ion:149 Resp: 1105856

Ion Ratio Lower Upper

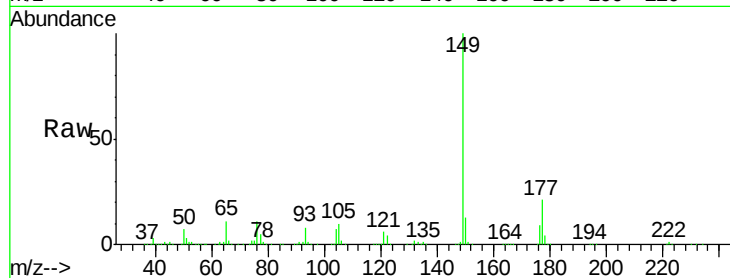
149 100

177 21.4 17.7 26.5

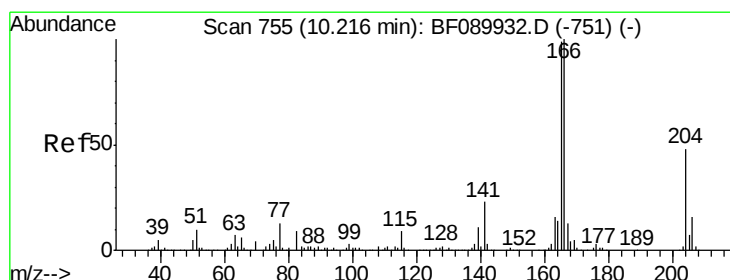
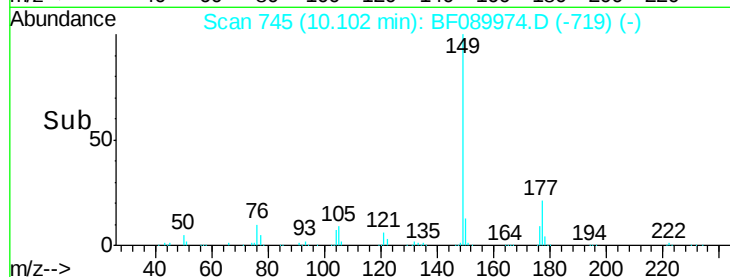
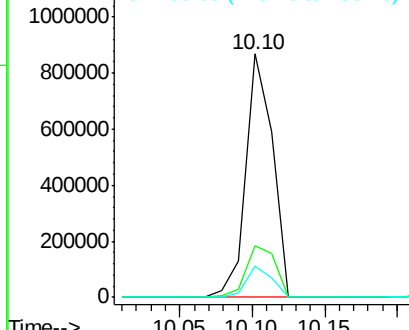
150 12.9 10.2 15.2

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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: 45.46 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

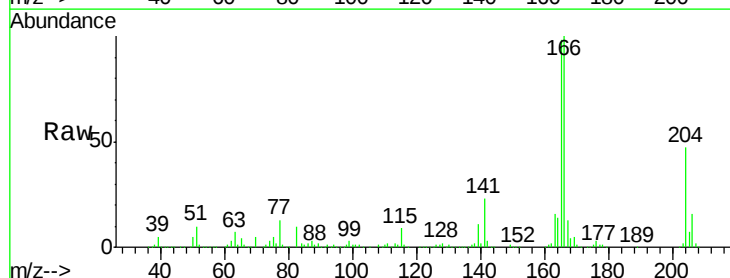
Tgt Ion:204 Resp: 467277

Ion Ratio Lower Upper

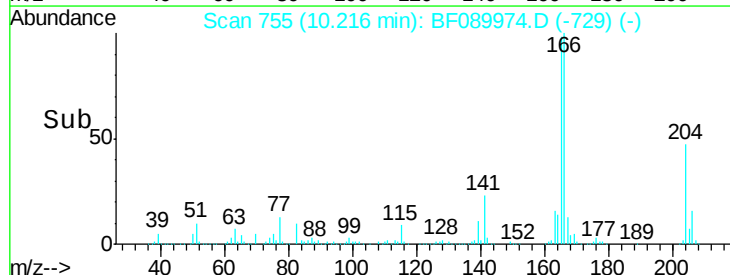
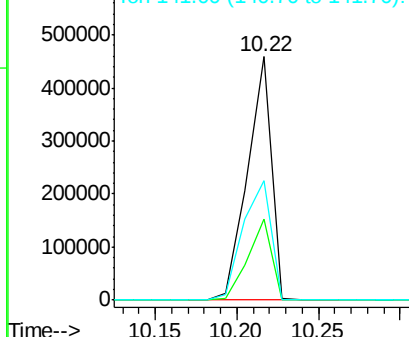
204 100

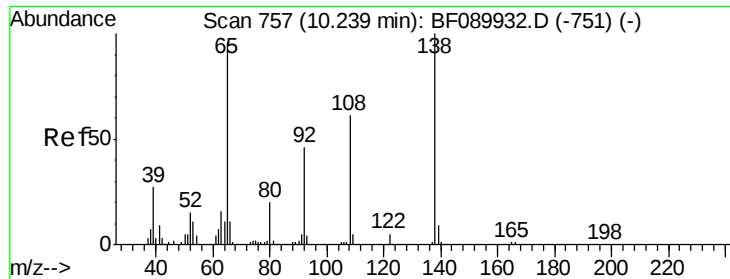
206 33.2 26.6 40.0

141 49.2 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





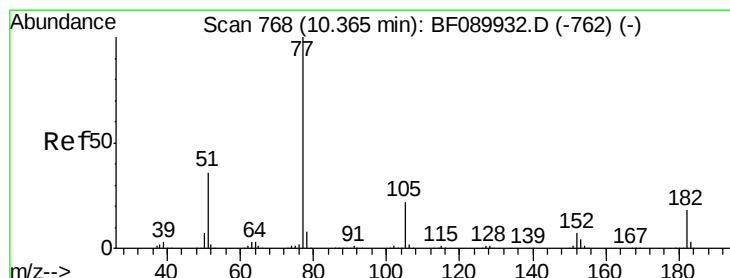
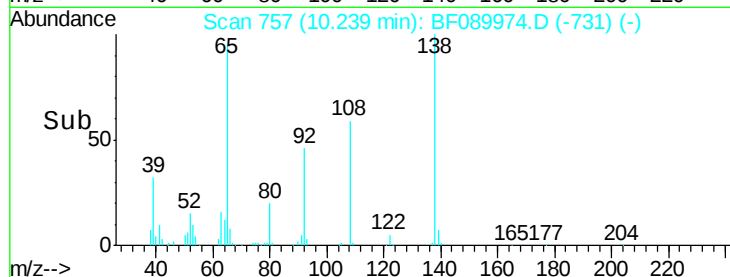
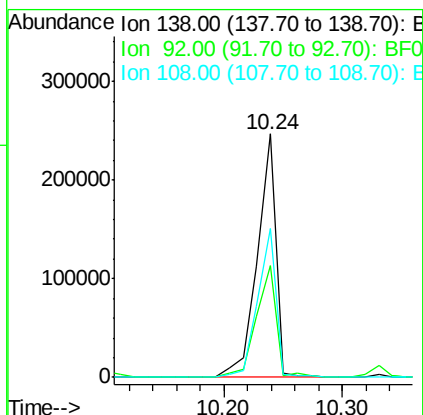
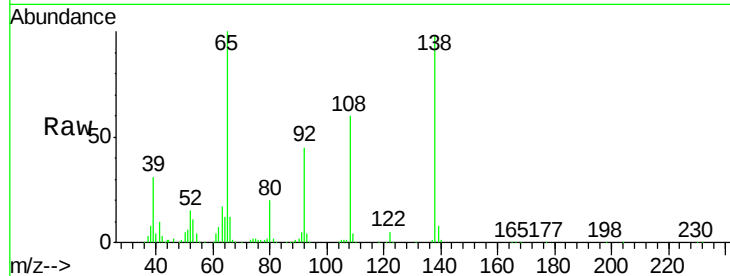
#61
4-Nitroaniline
Concen: 40.66 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :
PB93205BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.0	21.2	61.2
108	60.9	37.7	77.7

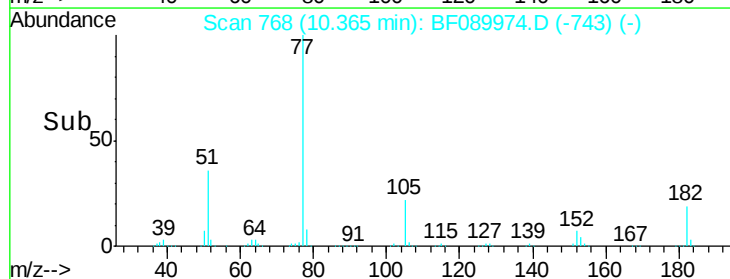
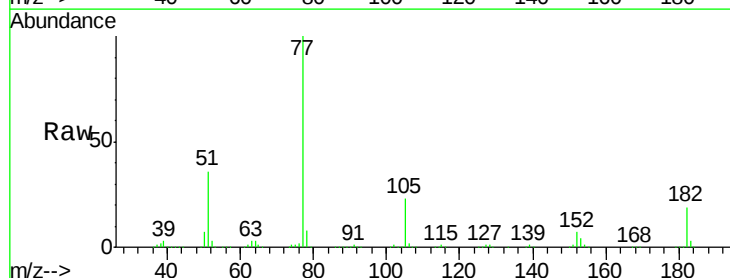
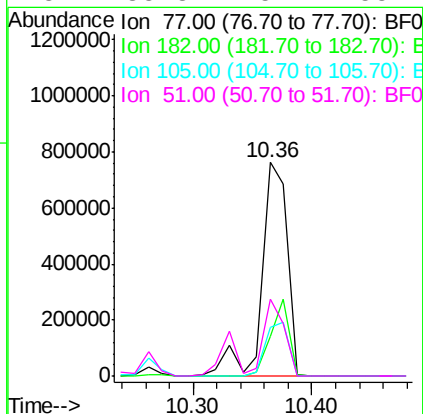
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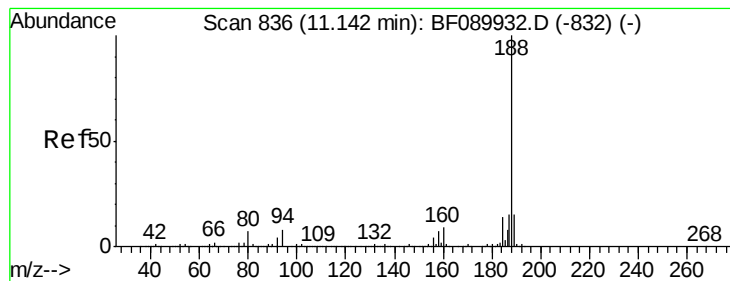
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#62
Azobenzene
Concen: 45.17 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.6	0.0	38.6
105	22.6	2.3	42.3
51	35.8	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: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

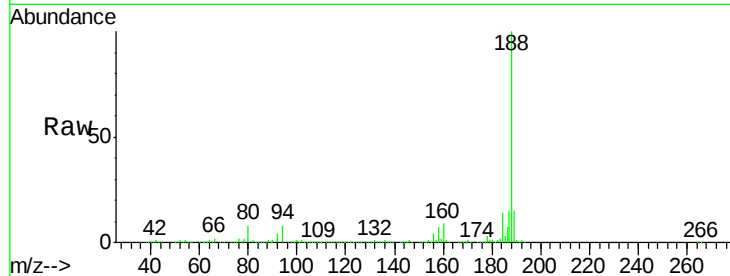
ClientSampleId :

PB93205BS

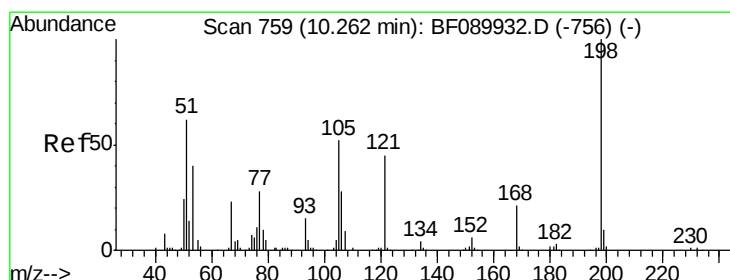
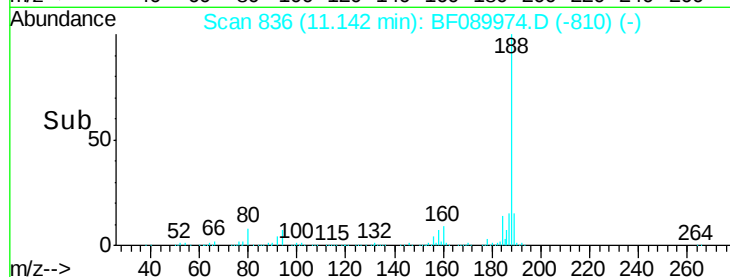
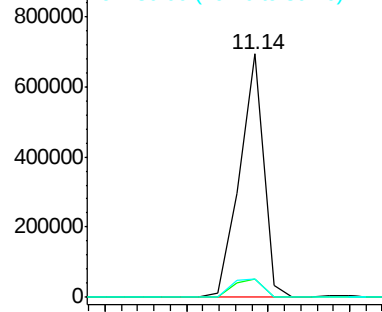
Tgt	Ion	Ratio	Resp	Lower	Upper
188	100		709088		
94	7.8	5.9	8.9		
80	7.7	5.8	8.8		

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 36.81 ng

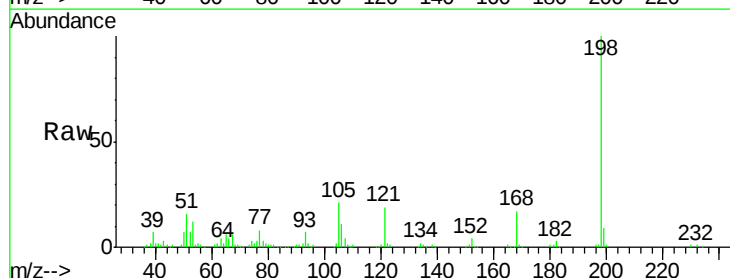
RT: 10.27 min Scan# 760

Delta R.T. 0.00 min

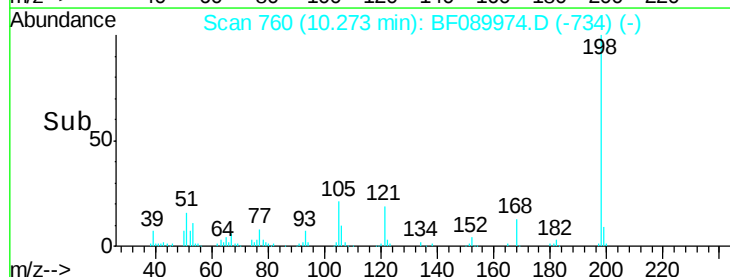
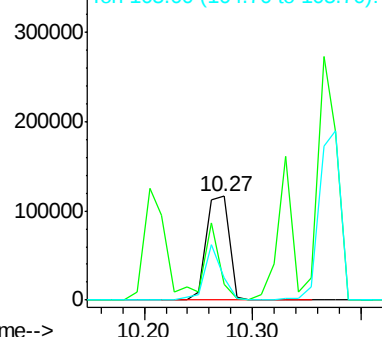
Lab File: BF089974.D

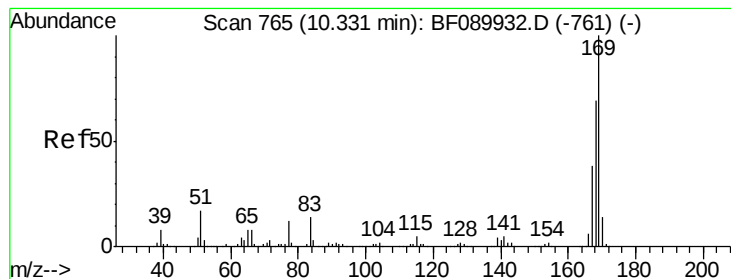
Acq: 2 Sep 2016 14:51

Tgt	Ion	Ratio	Resp	Lower	Upper
198	100		167085		
51	15.8	43.0	83.0#		
105	20.9	30.3	70.3#		



Abundance Ion 198.00 (197.70 to 198.70): E





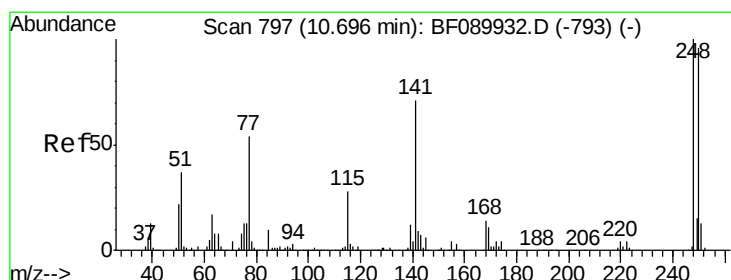
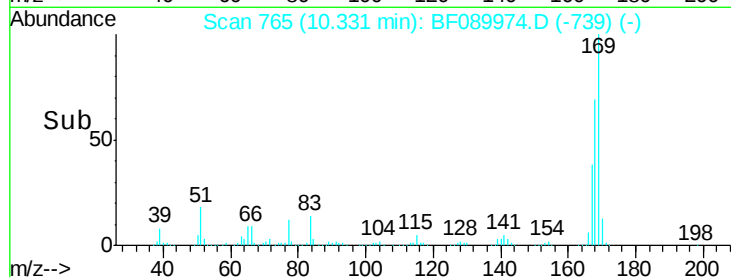
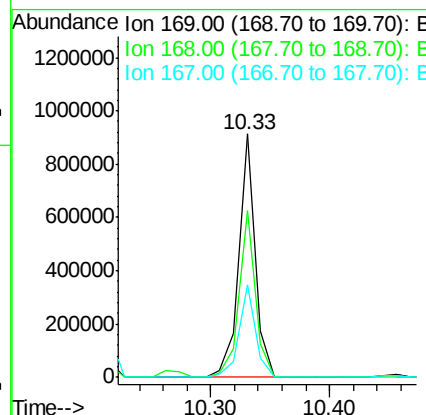
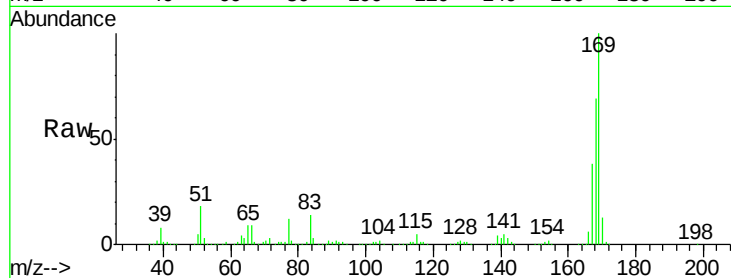
#65
 n-Nitrosodiphenylamine
 Concen: 41.39 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB93205BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	882371		
168	68.7	55.0	82.4	
167	38.2	30.5	45.7	

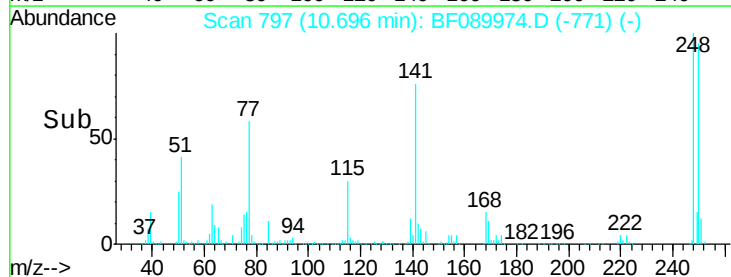
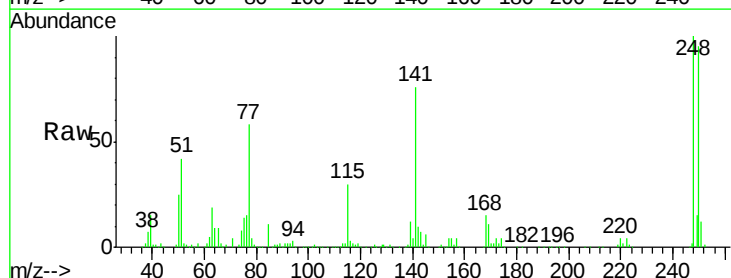
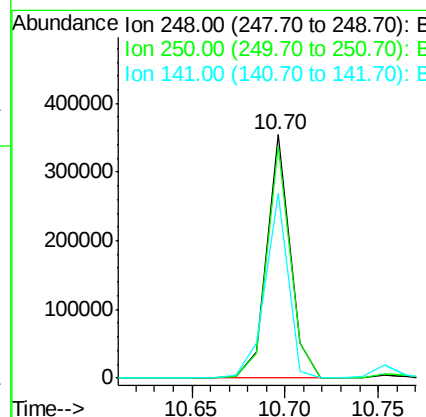
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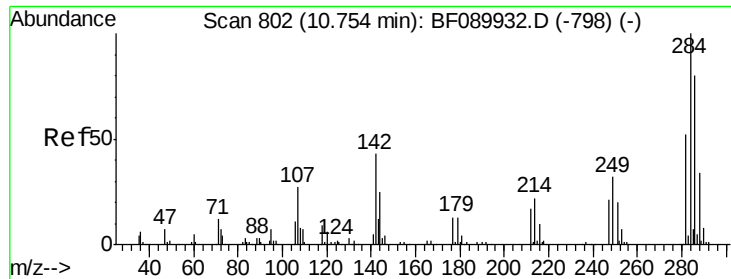
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#66
 4-Bromophenyl-phenylether
 Concen: 42.88 ng
 RT: 10.70 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	306130		
250	95.4	77.3	115.9	
141	75.9	55.8	83.8	





#67

Hexachlorobenzene

Concen: 40.32 ng

RT: 10.75 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

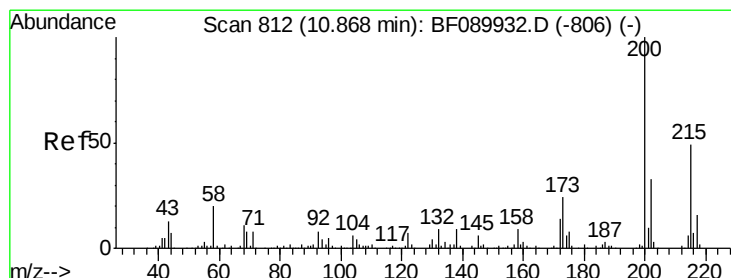
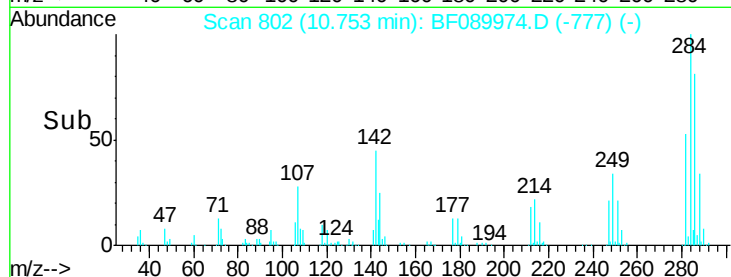
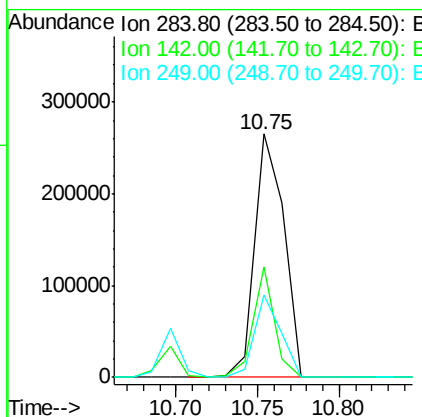
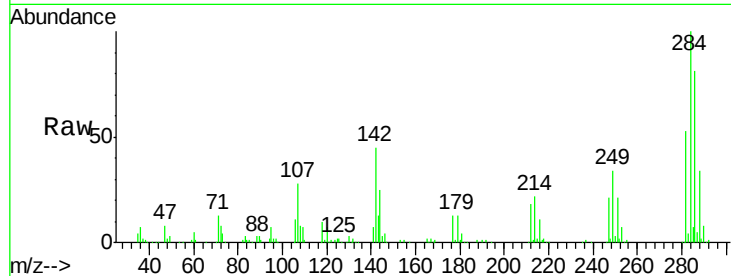
ClientSampleId :

PB93205BS

Tgt Ion:	284	Resp:	328802
Ion Ratio	Lower	Upper	
284	100		
142	45.3	32.7	49.1
249	33.7	26.9	40.3

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#68

Atrazine

Concen: 47.29 ng

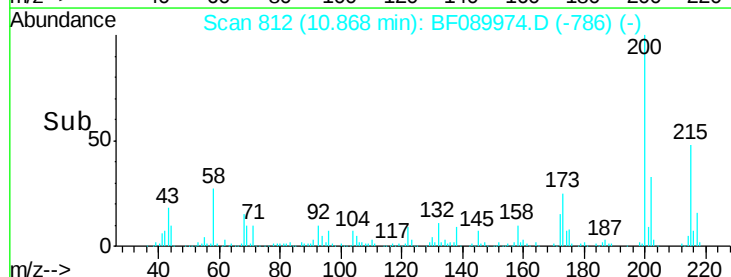
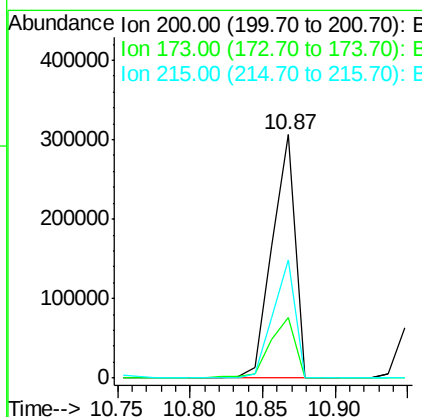
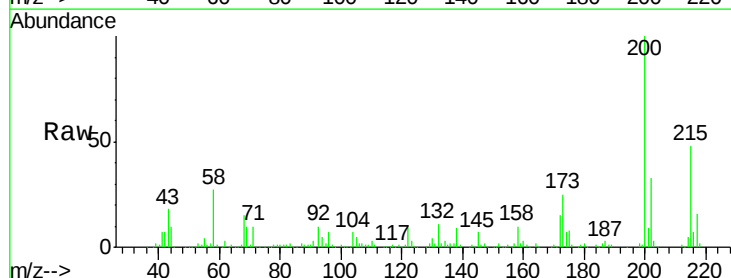
RT: 10.87 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Tgt Ion:	200	Resp:	336534
Ion Ratio	Lower	Upper	
200	100		
173	24.6	9.4	49.4
215	48.4	24.5	64.5





#69

Pentachlorophenol

Concen: 77.90 ng

RT: 10.95 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

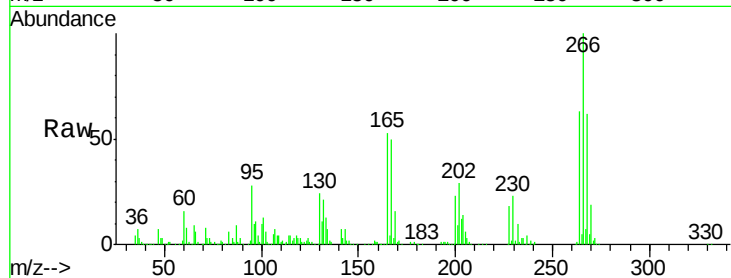
ClientSampleId :

PB93205BS

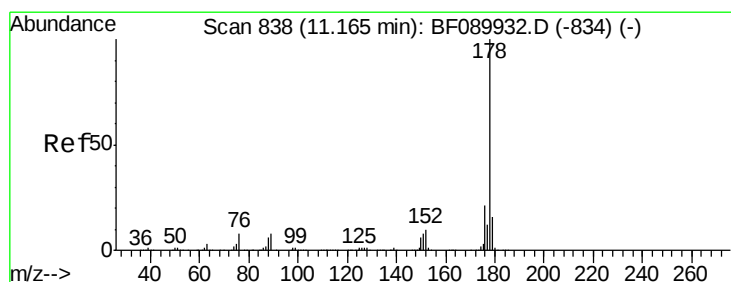
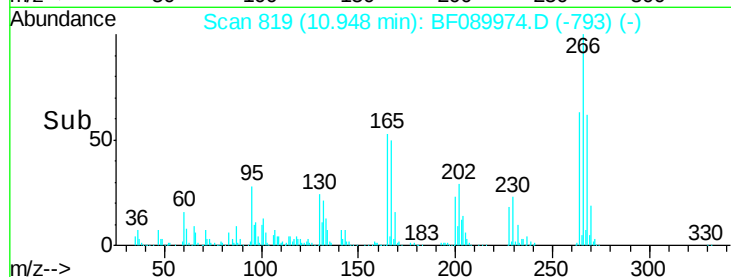
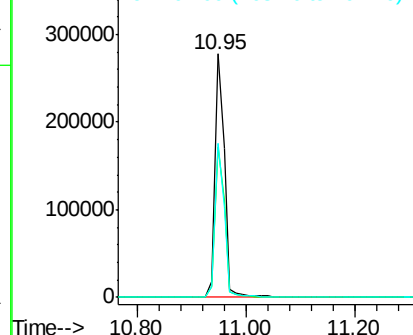
Tgt Ion:	266	Resp:	341716
Ion Ratio		Lower	Upper
266	100		
268	61.8	51.0	76.6
264	63.1	50.6	75.8

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



#70

Phenanthrene

Concen: 41.30 ng

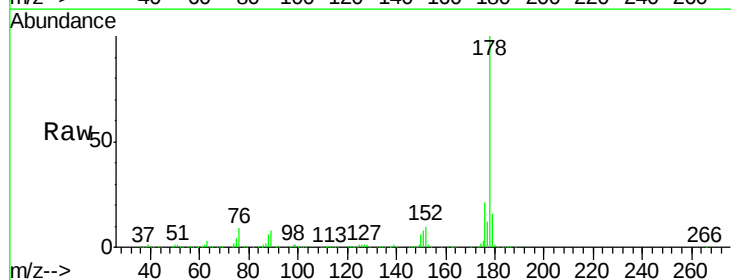
RT: 11.16 min Scan# 838

Delta R.T. 0.00 min

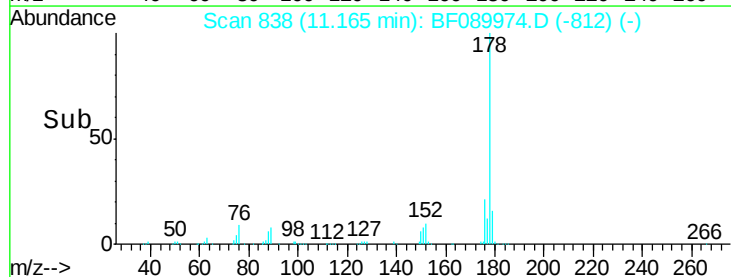
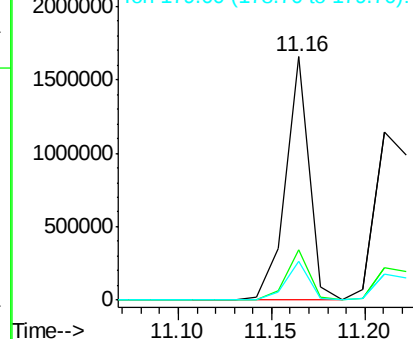
Lab File: BF089974.D

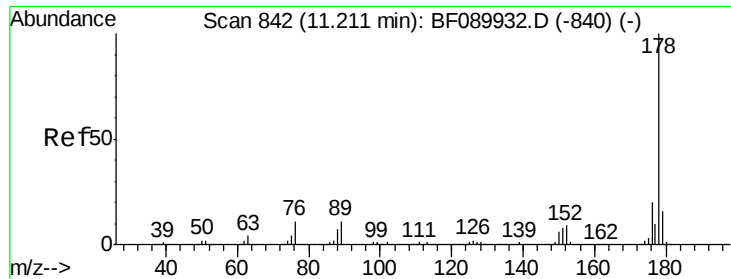
Acq: 2 Sep 2016 14:51

Tgt Ion:	178	Resp:	1458478
Ion Ratio		Lower	Upper
178	100		
176	20.7	16.5	24.7
179	15.9	12.8	19.2



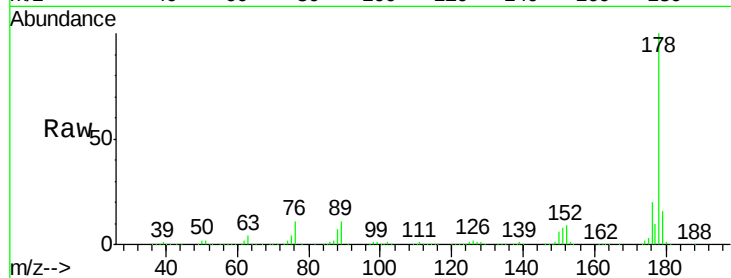
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71
 Anthracene
 Concen: 42.52 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

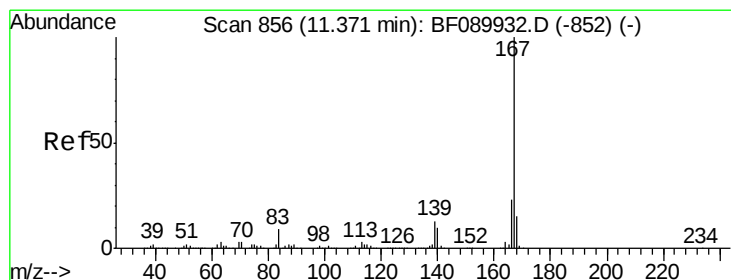
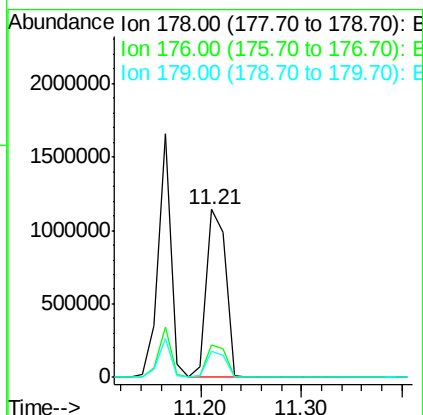
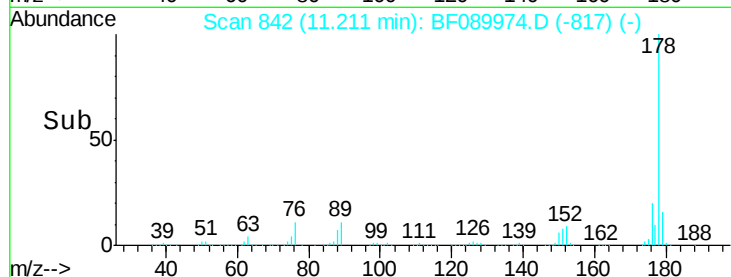
Instrument :
 BNA_F
 ClientSampleId :
 PB93205BS



Tgt Ion:178 Resp: 1522684
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.7 13.0 19.4

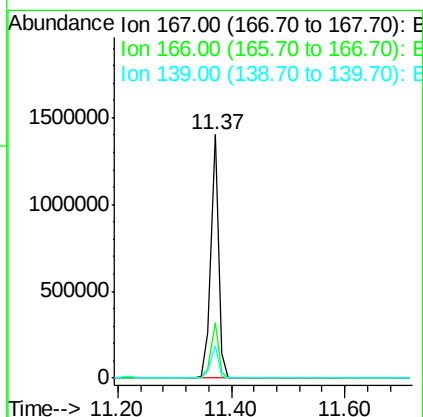
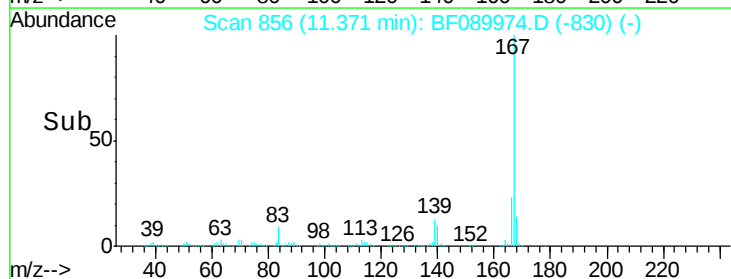
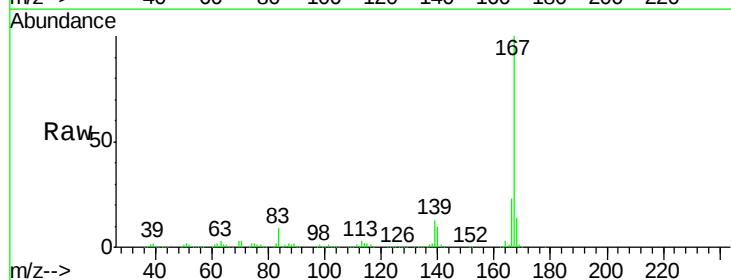
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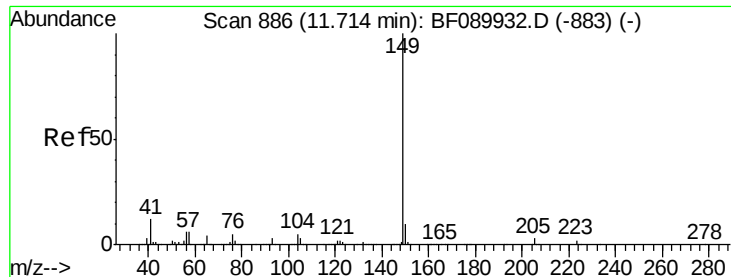
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#72
 Carbazole
 Concen: 37.42 ng
 RT: 11.37 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion:167 Resp: 1256737
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.1 27.1
 139 13.4 10.4 15.6





#73

Di-n-butylphthalate

Concen: 45.22 ng

RT: 11.72 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

ClientSampleId :

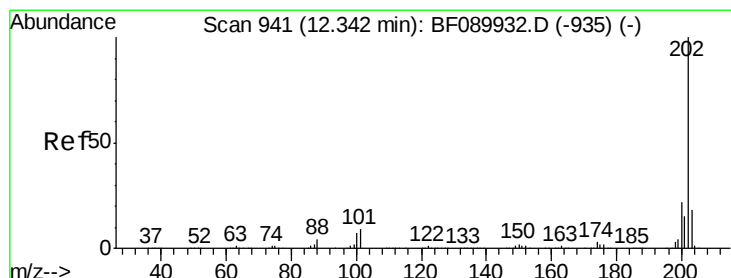
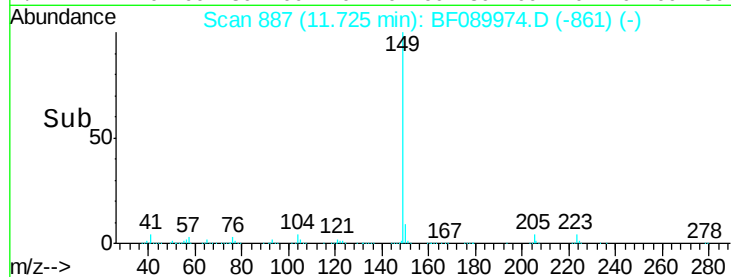
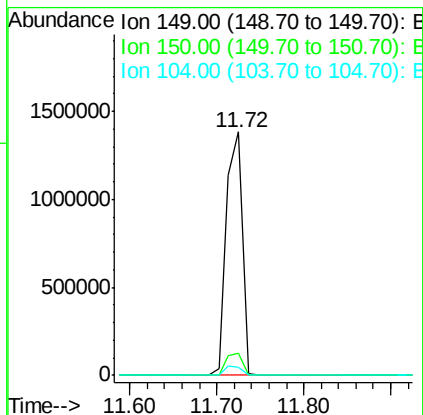
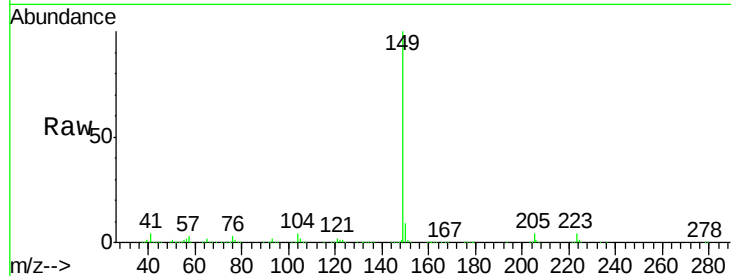
PB93205BS

Tgt Ion:149 Resp: 1770035

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.8
104	3.5	3.9	5.9

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#74

Fluoranthene

Concen: 41.22 ng

RT: 12.34 min Scan# 941

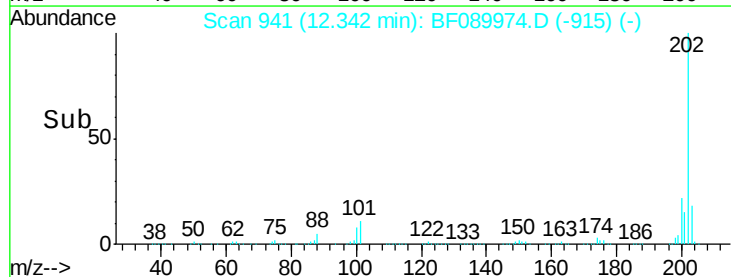
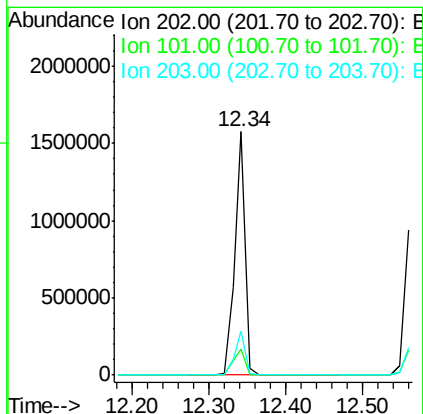
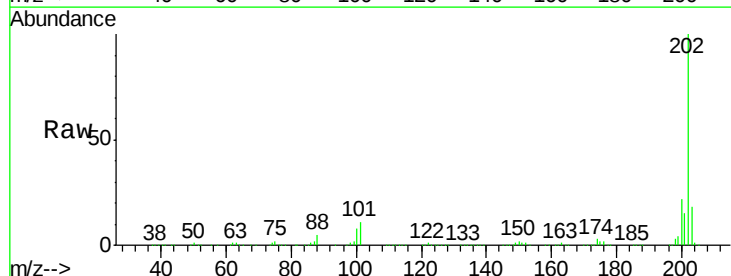
Delta R.T. 0.00 min

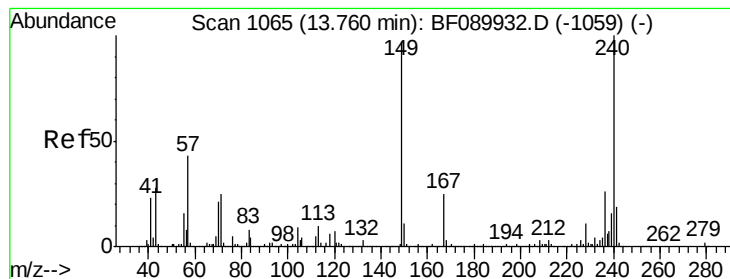
Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Tgt Ion:202 Resp: 1525273

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	28.5
203	18.1	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: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

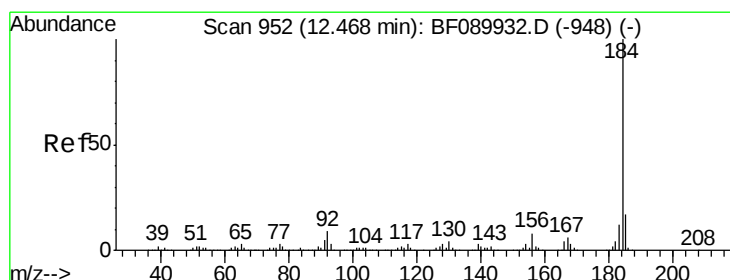
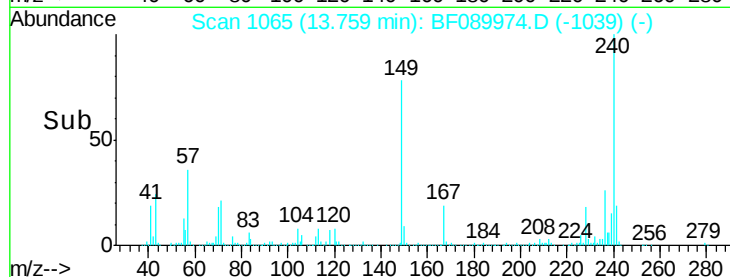
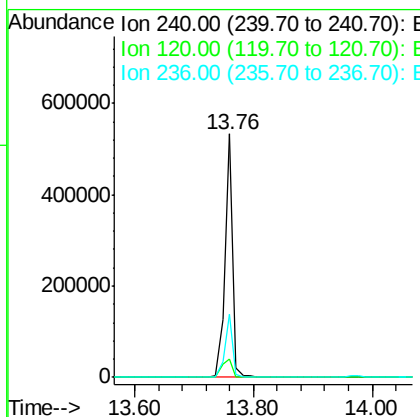
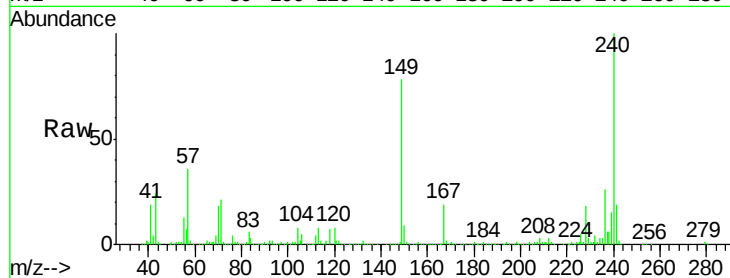
ClientSampleId :

PB93205BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	483873		
120	7.6	5.7	8.5	
236	26.1	21.3	31.9	

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#76

Benzidine

Concen: 29.39 ng

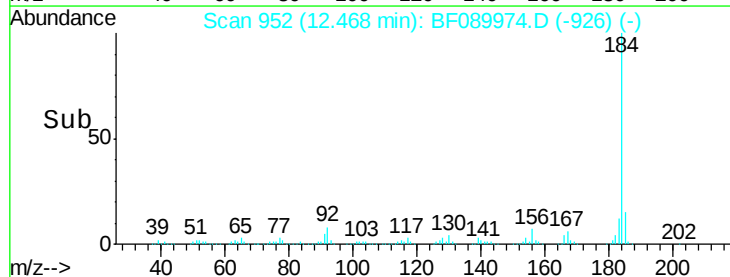
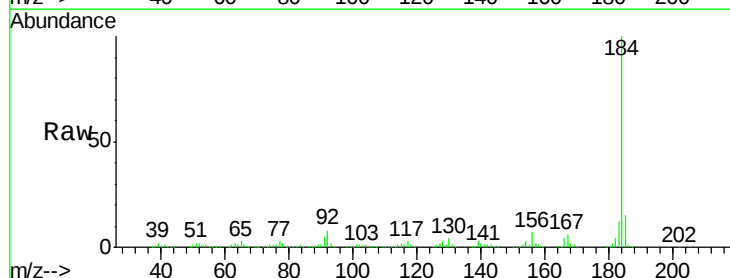
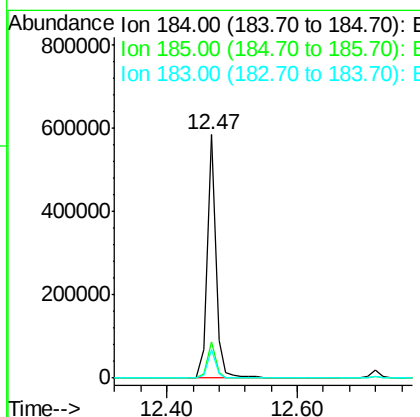
RT: 12.47 min Scan# 952

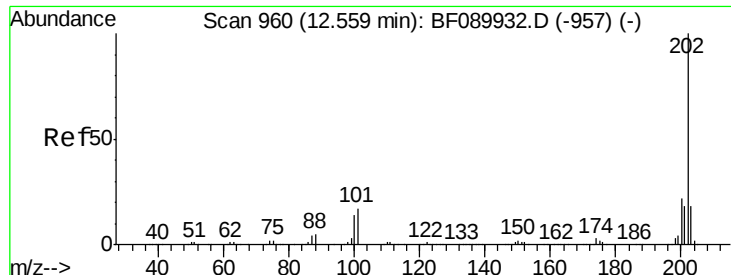
Delta R.T. 0.00 min

Lab File: BF089974.D

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Tgt Ion	Ratio	Resp	Lower	Upper
184	100	538752		
185	14.8	13.8	20.8	
183	11.7	9.6	14.4	





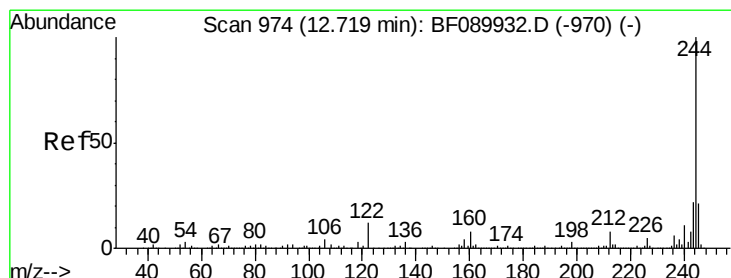
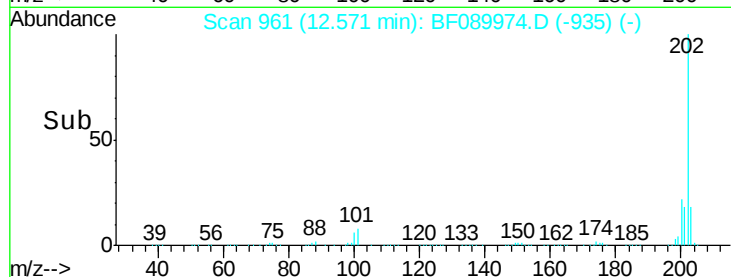
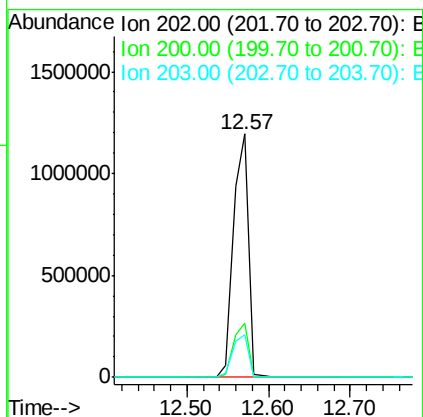
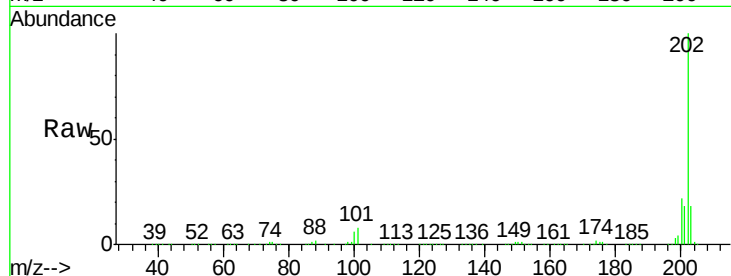
#77
Pyrene
 Concen: 44.62 ng
 RT: 12.57 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB93205BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	17.7	14.6	21.8

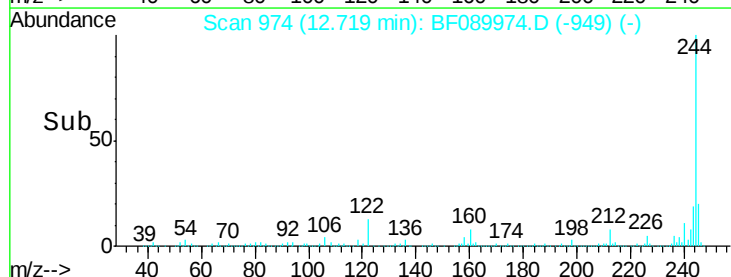
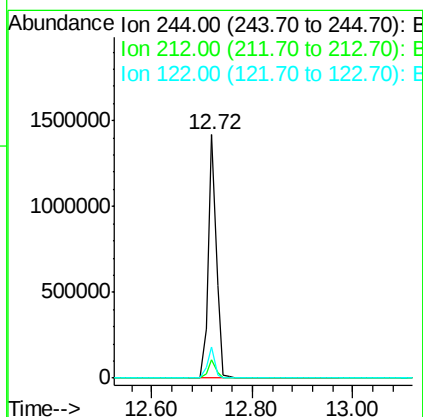
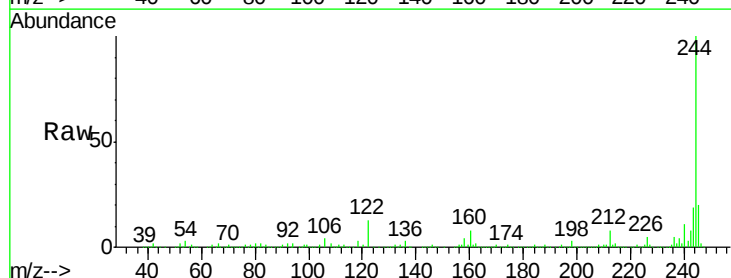
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#78
Terphenyl-d14
 Concen: 80.64 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	12.9	9.6	14.4





#79

Butylbenzylphthalate

Concen: 46.79 ng

RT: 13.20 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Instrument :

BNA_F

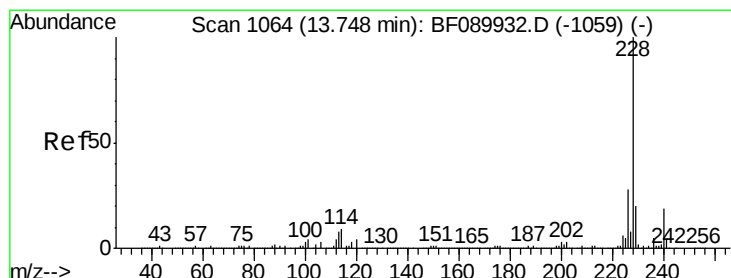
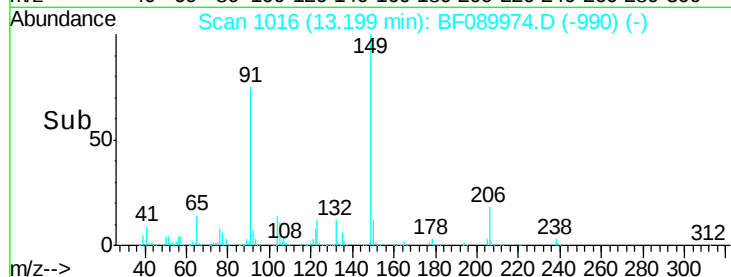
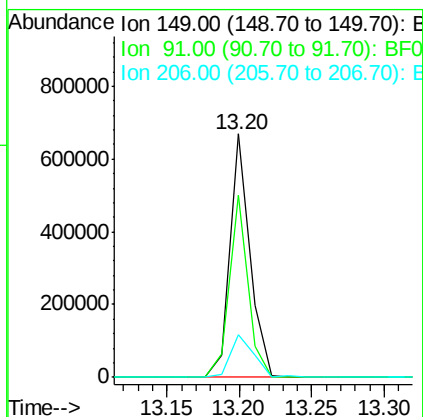
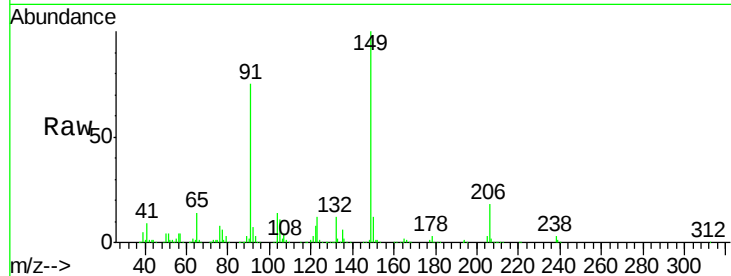
ClientSampleId :

PB93205BS

Tgt Ion:	149	Resp:	643722
Ion Ratio	Lower	Upper	
149	100		
91	74.8	60.0	90.0
206	17.6	15.1	22.7

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#80

Benzo(a)anthracene

Concen: 41.80 ng

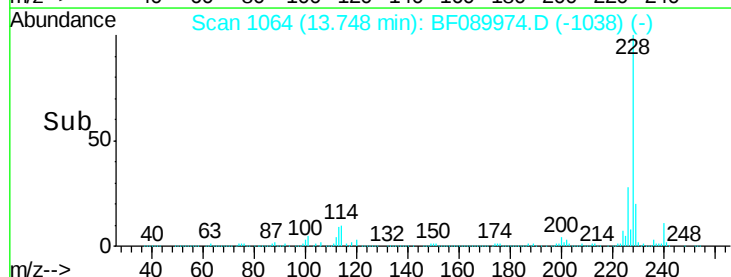
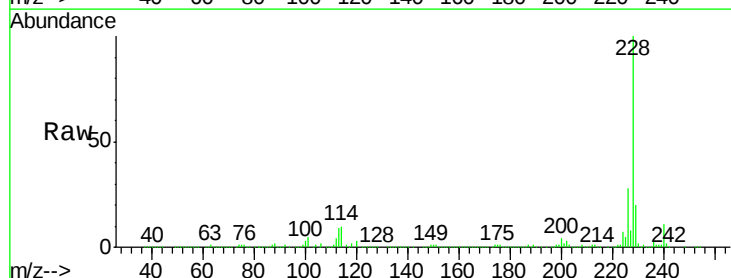
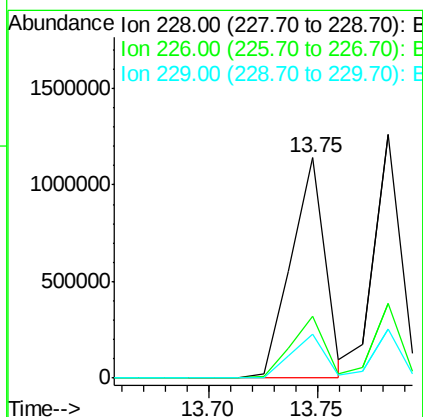
RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF089974.D

Acq: 2 Sep 2016 14:51

Tgt Ion:	228	Resp:	1238786
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.2	33.2
229	20.0	15.8	23.6





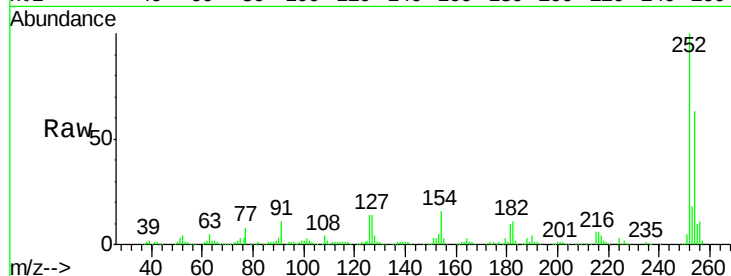
#81
 3,3'-Dichlorobenzidine
 Concen: 28.08 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB93205BS

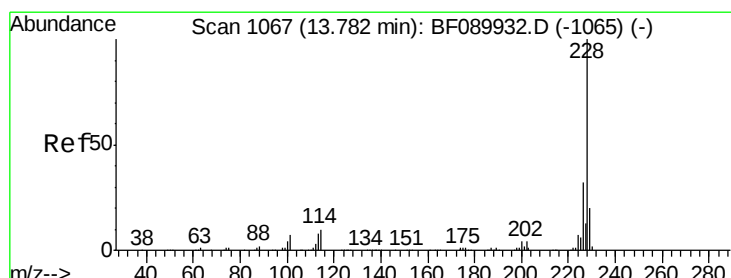
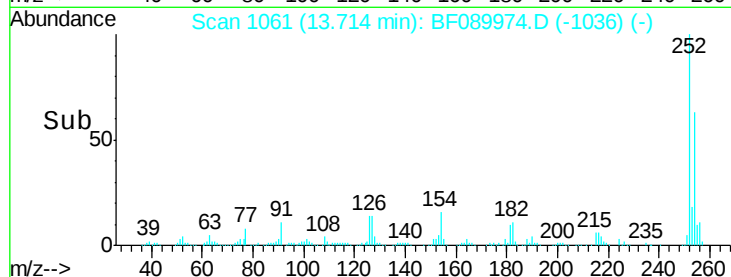
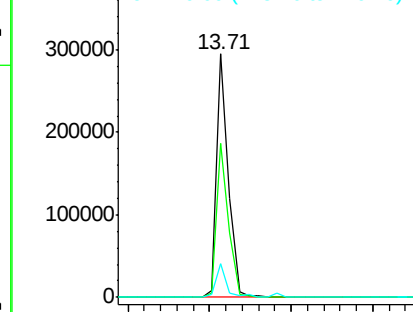
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	300420		
254	63.3		51.3	76.9
126	14.0		12.3	18.5

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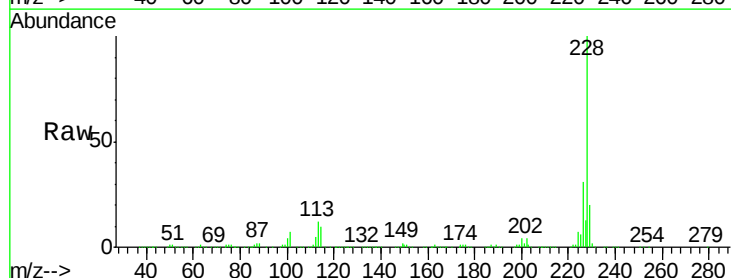


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

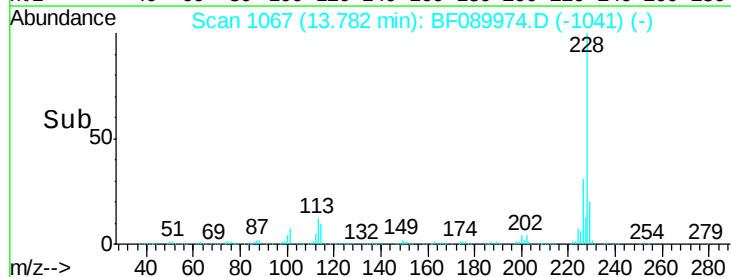
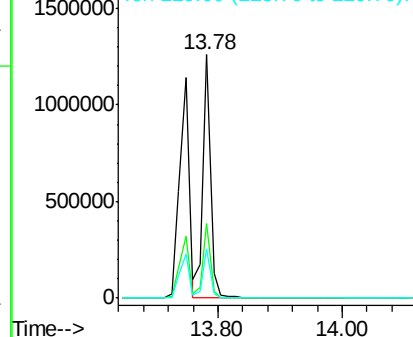


#82
 Chrysene
 Concen: 40.17 ng
 RT: 13.78 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1112028		
226	30.8		25.2	37.8
229	20.1		16.2	24.2



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





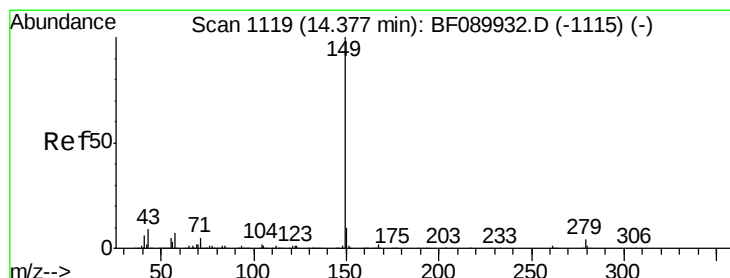
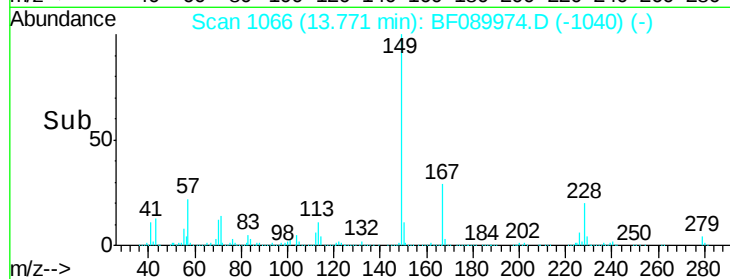
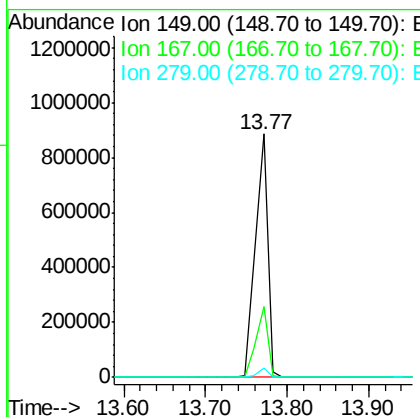
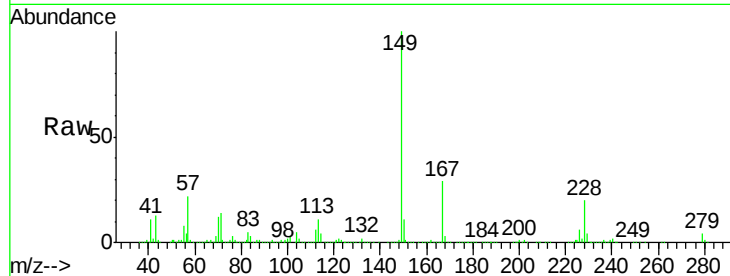
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.43 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampled :
 PB93205BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	921580		
167	28.9	23.6	35.4	
279	4.1	3.4	5.2	

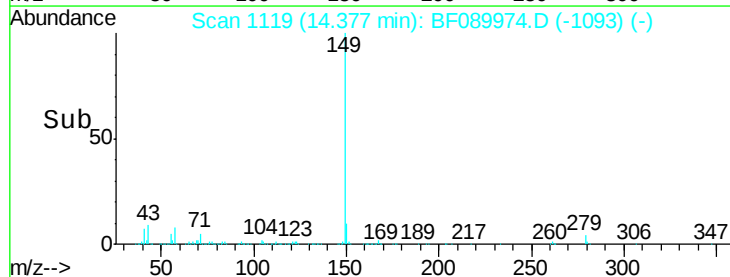
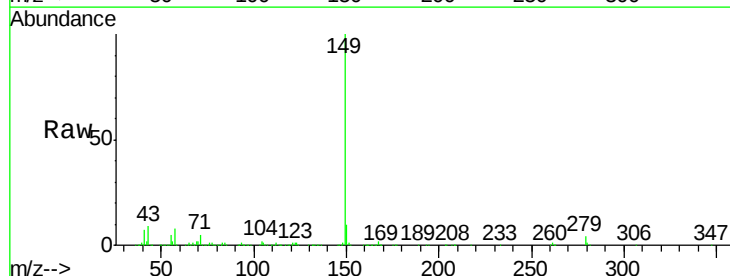
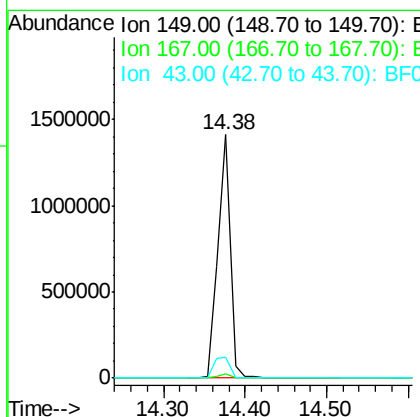
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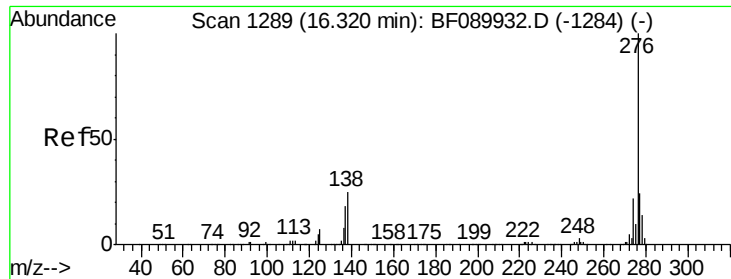
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#84
 Di-n-octyl phthalate
 Concen: 48.30 ng
 RT: 14.38 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1483491		
167	1.7	1.2	1.8	
43	11.4	9.3	13.9	





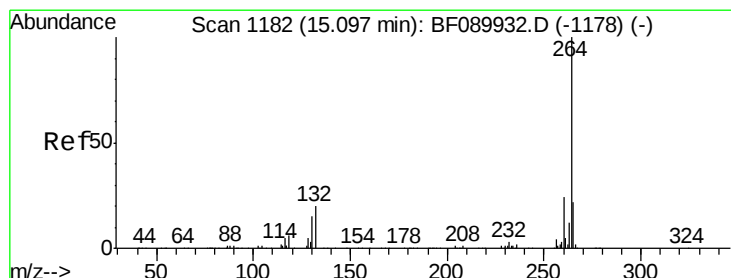
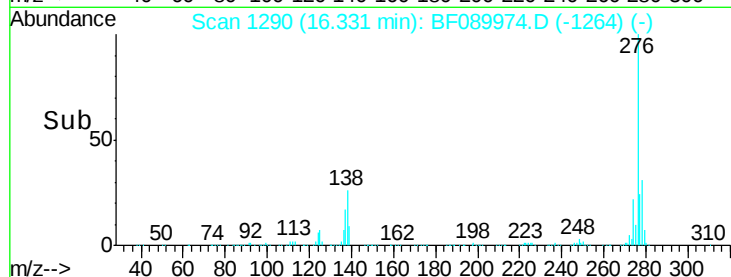
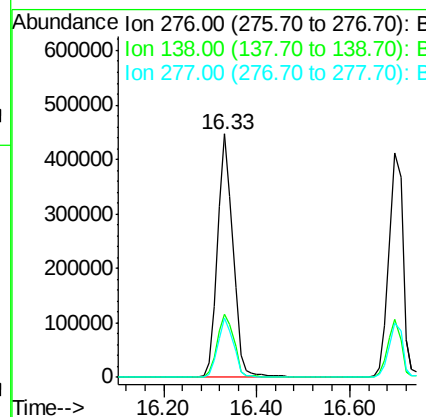
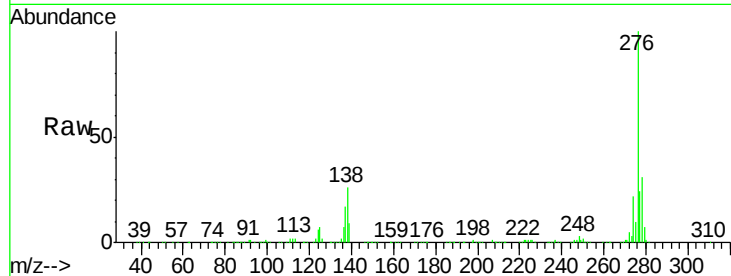
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.73 ng
 RT: 16.33 min Scan# 1290
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB93205BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	22.6	34.0
277	25.0	20.1	30.1

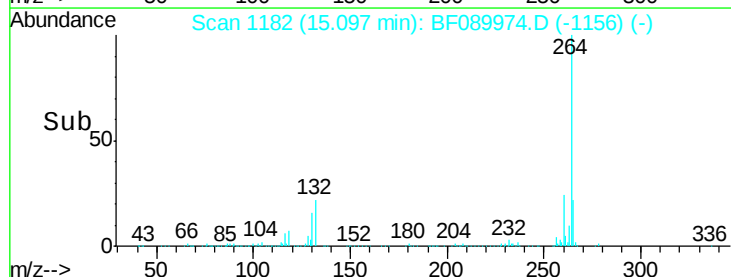
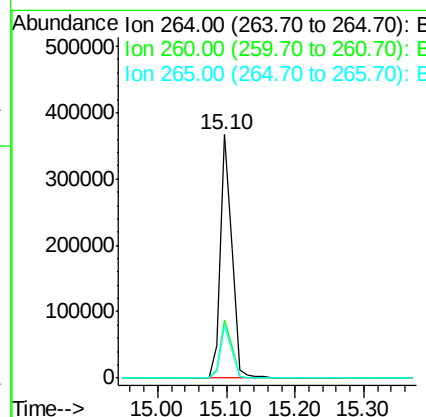
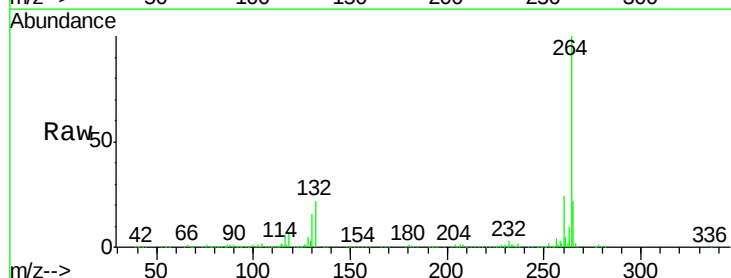
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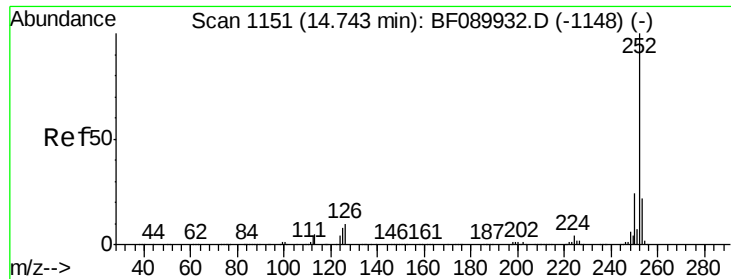
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.7	17.4	26.2





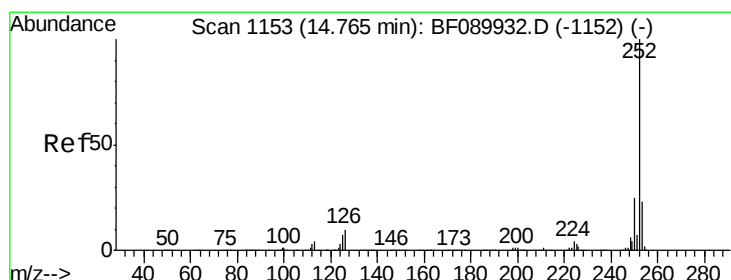
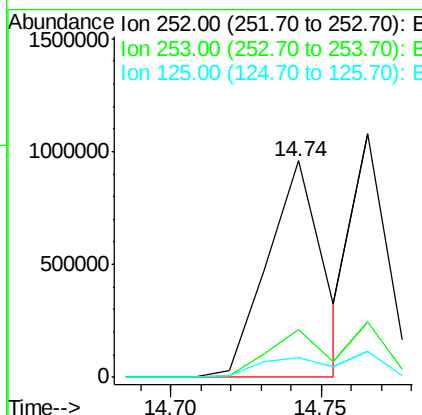
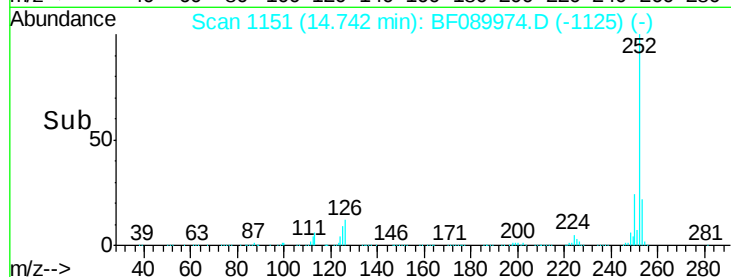
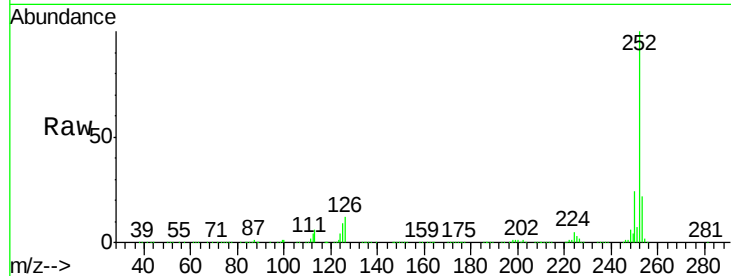
#87
Benzo(b)fluoranthene
Concen: 44.48 ng m
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampled :
PB93205BS

Tgt Ion:252 Resp: 1223208
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 9.1 5.7 8.5#

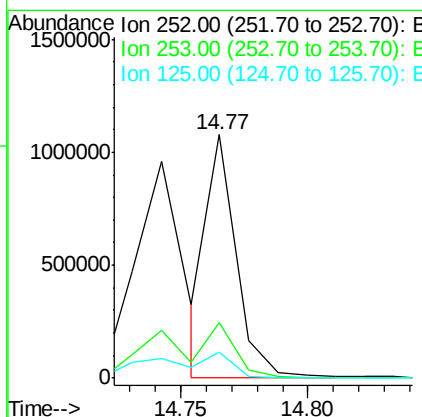
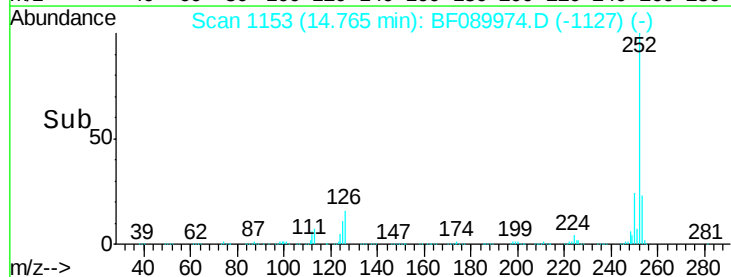
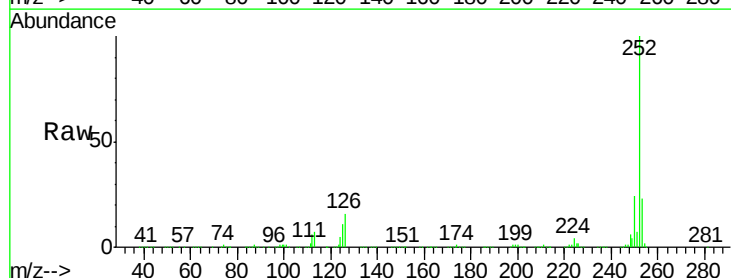
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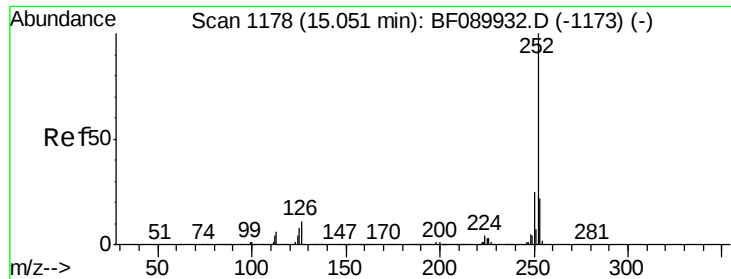
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#88
Benzo(k)fluoranthene
Concen: 37.76 ng m
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion:252 Resp: 881238
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 10.9 7.3 10.9





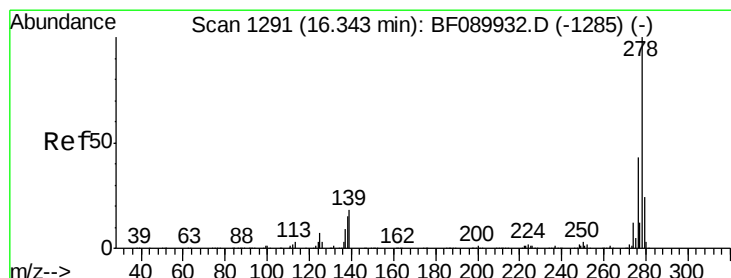
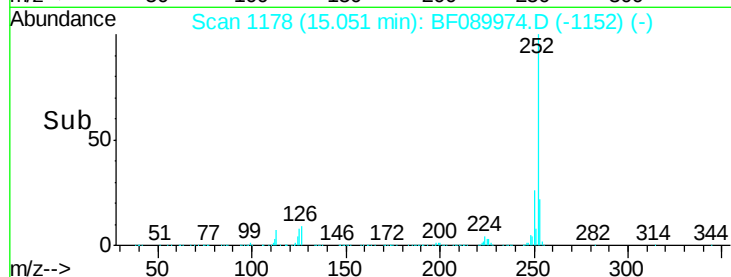
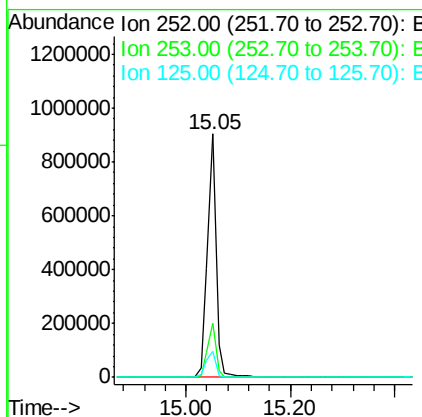
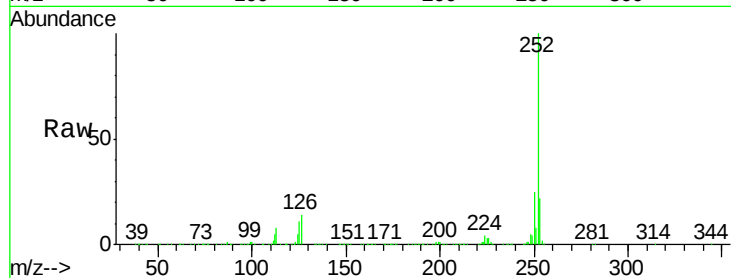
#89
Benzo(a)pyrene
Concen: 44.12 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Instrument :
BNA_F
ClientSampleId :
PB93205BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.6	6.3	9.5

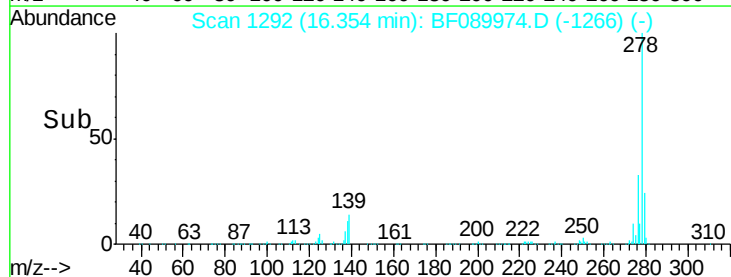
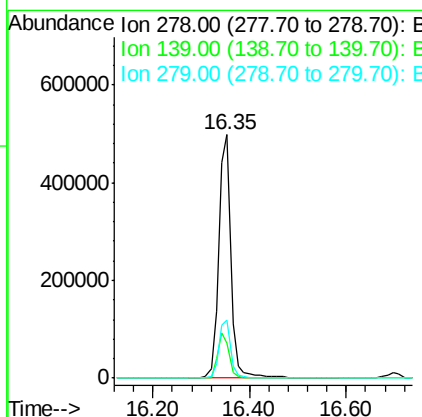
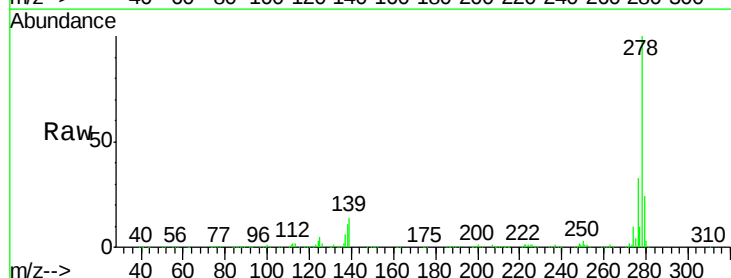
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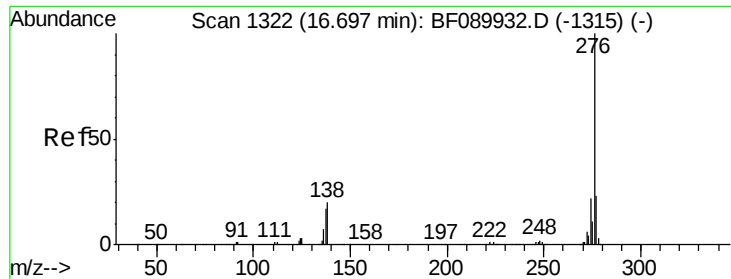
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#90
Dibenzo(a,h)anthracene
Concen: 51.39 ng
RT: 16.35 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF089974.D
Acq: 2 Sep 2016 14:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.4	20.2
279	24.0	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 49.70 ng
 RT: 16.70 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF089974.D
 Acq: 2 Sep 2016 14:51

Instrument :
 BNA_F
 ClientSampleId :
 PB93205BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	25.7	16.4	24.6

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