

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090511.D
 Acq On : 11 Oct 2016 19:30
 Operator : UM/SJ
 Sample : PB93820BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Manual Integrations
 APPROVED

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Quant Time: Oct 12 01:18:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	228053	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	923970	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	483184	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	851259	20.00	ng	0.01
75) Chrysene-d12	14.13	240	823977	20.00	ng	0.00
86) Perylene-d12	15.61	264	564726	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1420268	96.89	ng	0.01
7) Phenol-d6	6.59	99	1923375	103.97	ng	0.00
23) Nitrobenzene-d5	7.51	82	1232000	72.32	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	622993	130.07	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2273178	79.06	ng	0.00
78) Terphenyl-d14	13.08	244	2763531	81.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	201571	28.03	ng	# 84
3) Pyridine	3.46	79	616987m	31.05	ng	
4) n-Nitrosodimethylamine	3.40	42	227040	34.86	ng	# 47
6) Aniline	6.61	93	430211	18.33	ng	99
8) 2-Chlorophenol	6.74	128	532844	34.17	ng	99
9) Benzaldehyde	6.50	77	172747	14.82	ng	96
10) Phenol	6.60	94	769151	36.86	ng	96
11) bis(2-Chloroethyl)ether	6.69	93	591837	37.89	ng	93
12) 1,3-Dichlorobenzene	6.90	146	586912	34.88	ng	99
13) 1,4-Dichlorobenzene	6.97	146	553779	32.26	ng	98
14) 1,2-Dichlorobenzene	7.13	146	581450	37.27	ng	98
15) Benzyl Alcohol	7.09	79	477618	33.63	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	728578	32.55	ng	88
17) 2-Methylphenol	7.21	107	438972	34.61	ng	100
18) Hexachloroethane	7.47	117	218234	34.45	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	412762	34.98	ng	# 80
20) 3+4-Methylphenols	7.37	107	597005	37.18	ng	# 74
22) Acetophenone	7.37	105	763285	37.52	ng	# 89
24) Nitrobenzene	7.54	77	669542	36.64	ng	# 89
25) Isophorone	7.78	82	1144995	36.93	ng	98
26) 2-Nitrophenol	7.86	139	302879	36.33	ng	95
27) 2,4-Dimethylphenol	7.89	122	527997	37.26	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	675752	35.29	ng	# 97
29) 2,4-Dichlorophenol	8.10	162	452159	38.15	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	462176	33.95	ng	99
31) Naphthalene	8.26	128	1545938	33.58	ng	98
32) Benzoic acid	8.02	122	367844	32.89	ng	89
33) 4-Chloroaniline	8.30	127	209010	10.73	ng	96
34) Hexachlorobutadiene	8.38	225	270057	35.48	ng	99
35) Caprolactam	8.67	113	151535m	39.44	ng	
36) 4-Chloro-3-methylphenol	8.79	107	490768	35.46	ng	99
37) 2-Methylnaphthalene	8.95	142	1058041	34.24	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	498427	36.85	ng	98
40) Hexachlorocyclopentadiene	9.11	237	622101	92.65	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	318234	34.89	nq	97
43) 2,4,5-Trichlorophenol	9.27	196	335863	37.21	nq	95
45) 1,1'-Biphenyl	9.42	154	1360238	36.86	nq	95
46) 2-Chloronaphthalene	9.45	162	1039732	37.87	nq	97
47) 2-Nitroaniline	9.54	65	364377	37.20	nq	95
48) Acenaphthylene	9.86	152	1500401	33.87	nq	98
49) Dimethylphthalate	9.72	163	1150411	35.40	nq	99
50) 2,6-Dinitrotoluene	9.78	165	245125	34.16	nq	95
51) Acenaphthene	10.03	154	1048084	35.30	nq	98
52) 3-Nitroaniline	9.95	138	160785	18.06	nq	# 83
53) 2,4-Dinitrophenol	10.05	184	282072	70.85	nq	# 82
54) Dibenzofuran	10.21	168	1492040	37.77	nq	97
55) 4-Nitrophenol	10.11	139	507335	73.33	nq	95
56) 2,4-Dinitrotoluene	10.19	165	393175	41.43	nq	94
57) Fluorene	10.55	166	1135810	35.22	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	310482	41.24	nq	96
59) Diethylphthalate	10.42	149	1231828	37.27	nq	# 91
60) 4-Chlorophenyl-phenylether	10.54	204	608176	40.87	nq	# 89
61) 4-Nitroaniline	10.57	138	303090	33.37	nq	93
62) Azobenzene	10.70	77	1439928	39.89	nq	87
64) 4,6-Dinitro-2-methylphenol	10.59	198	182229	32.05	nq	# 83
65) n-Nitrosodiphenylamine	10.66	169	931509	33.65	nq	99
66) 4-Bromophenyl-phenylether	11.03	248	364354	38.63	nq	# 85
67) Hexachlorobenzene	11.10	284	379190	36.39	nq	# 84
68) Atrazine	11.18	200	290718	33.94	nq	98
69) Pentachlorophenol	11.30	266	484010	78.06	nq	98
70) Phenanthrene	11.51	178	1791866	38.19	nq	98
71) Anthracene	11.56	178	1604490	33.76	nq	98
72) Carbazole	11.72	167	1687645	37.60	nq	97
73) Di-n-butylphthalate	12.05	149	2082782	38.53	nq	# 97
74) Fluoranthene	12.70	202	1876725	39.19	nq	94
76) Benzidine	12.82	184	457934	17.68	nq	99
77) Pyrene	12.93	202	1854350	35.95	nq	99
79) Butylbenzylphthalate	13.55	149	873348	36.17	nq	88
80) Benzo(a)anthracene	14.12	228	1716146	34.95	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	299099	16.93	nq	# 100
82) Chrysene	14.16	228	1431115	31.31	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	1229225	34.88	nq	# 99
84) Di-n-octyl phthalate	14.73	149	2053181	37.63	nq	# 88
85) Indeno(1,2,3-cd)pyrene	17.08	276	1071813	28.16	nq	97
87) Benzo(b)fluoranthene	15.17	252	1622266	43.54	nq	# 95
88) Benzo(k)fluoranthene	15.21	252	1110247m	33.45	nq	
89) Benzo(a)pyrene	15.55	252	1267612	38.74	nq	98
90) Dibenzo(a,h)anthracene	17.10	278	924379	33.26	nq	98
91) Benzo(g,h,i)perylene	17.53	276	838340	32.61	nq	97

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

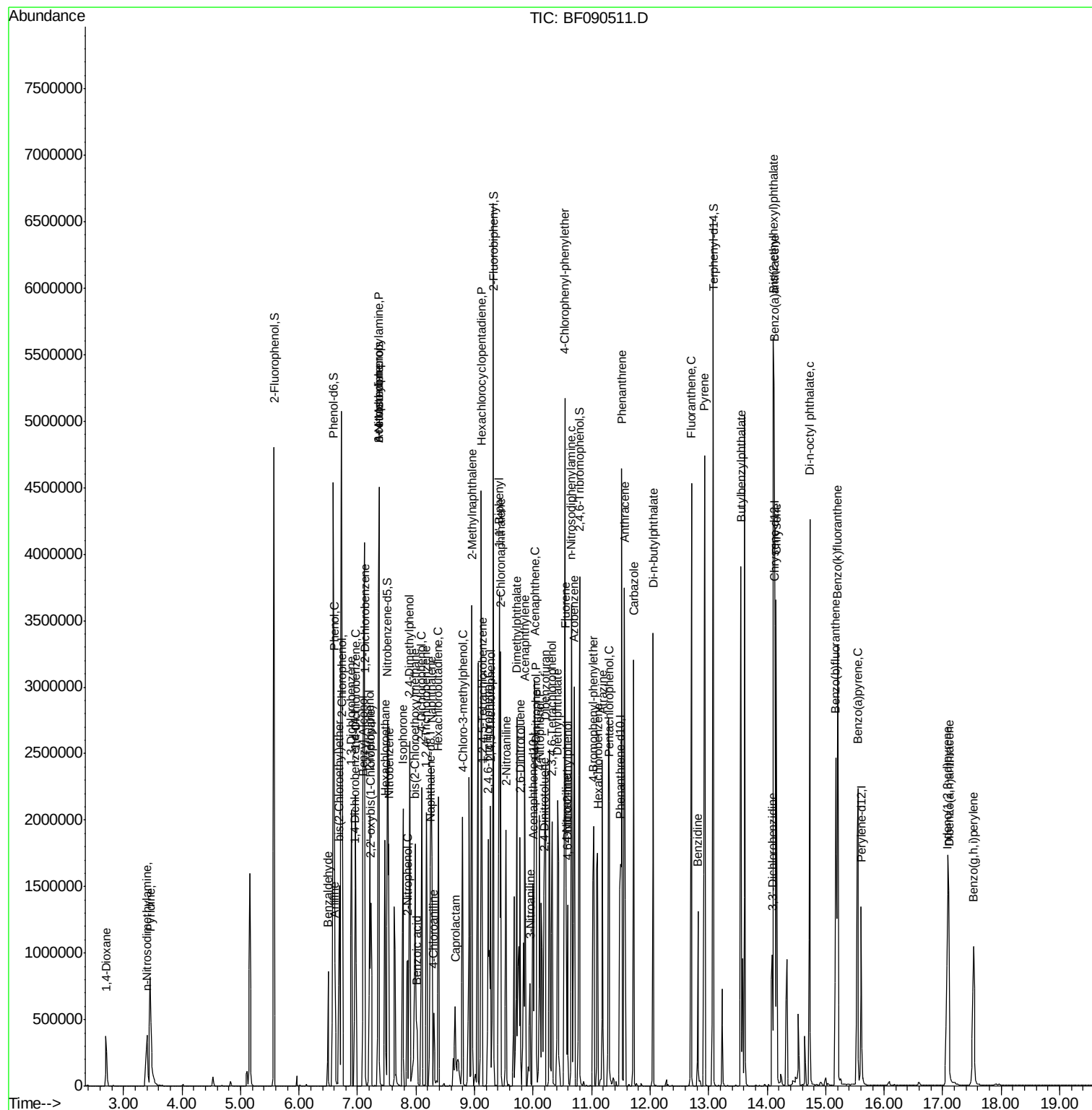
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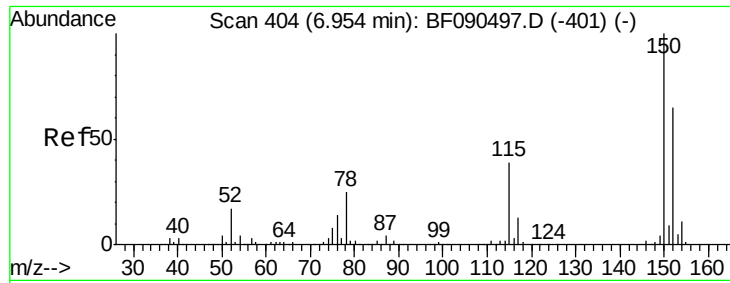
Instrument :
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 ClientSampleId :
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#1

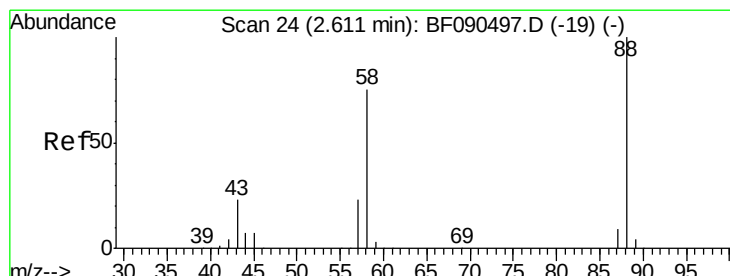
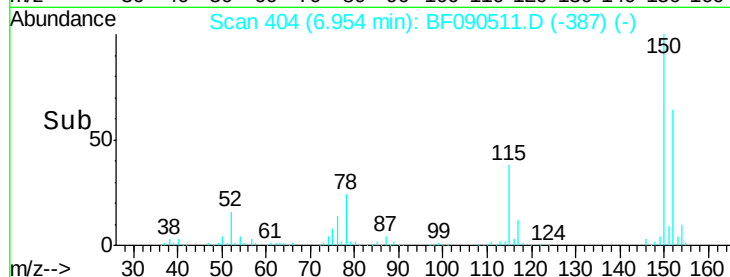
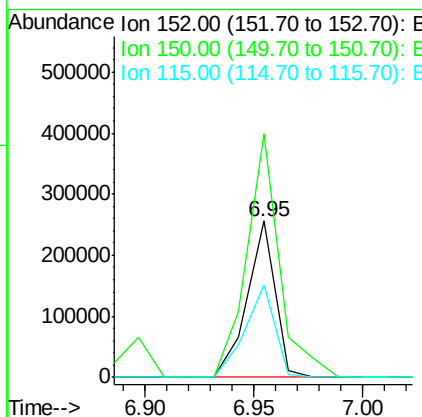
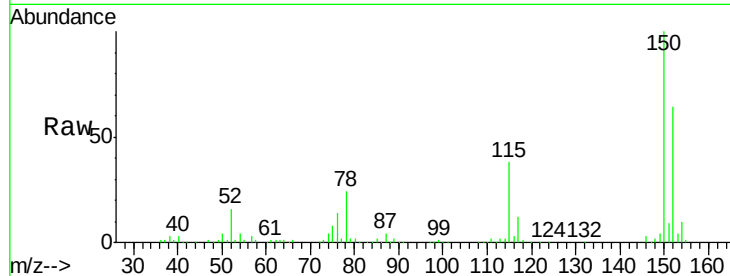
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	58.9	46.2	69.4

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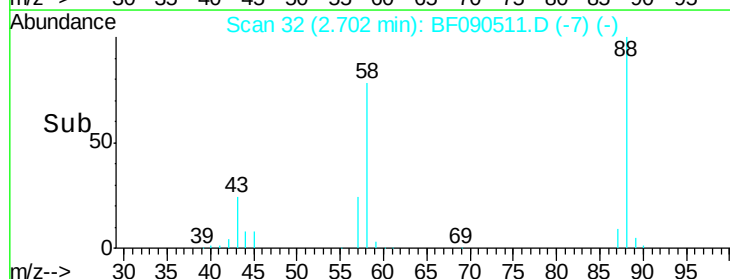
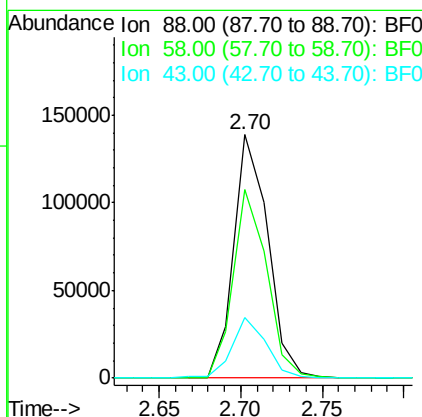
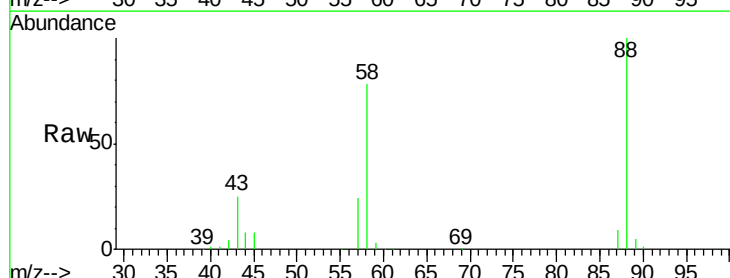
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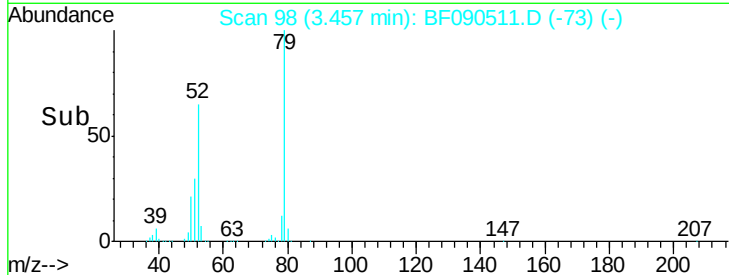
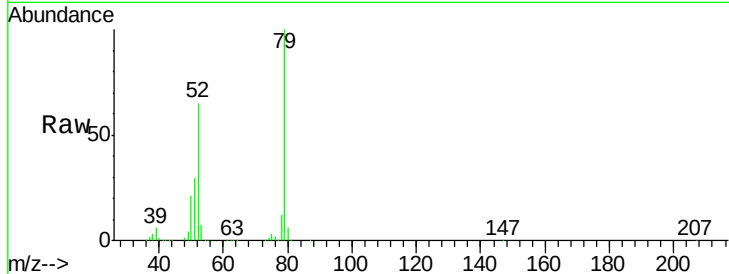
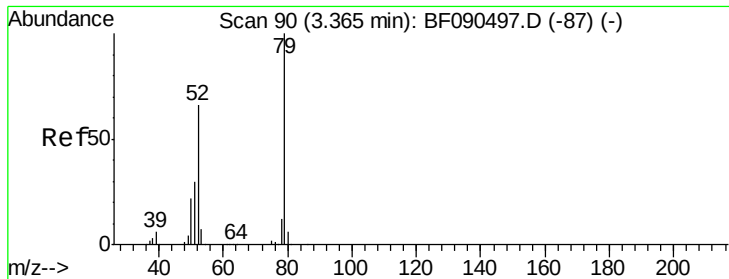


#2

1,4-Dioxane
Concen: 28.03 ng
RT: 2.70 min Scan# 32
Delta R.T. 0.09 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.3	71.2	106.8
43	24.7	29.8	44.6#





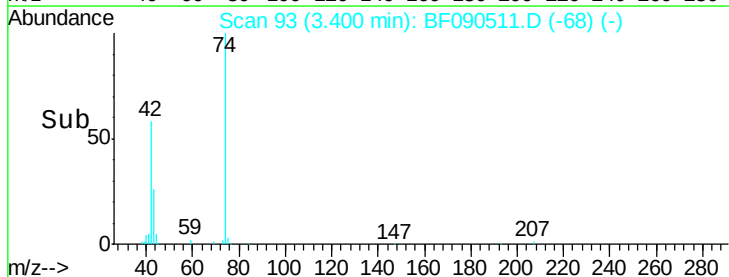
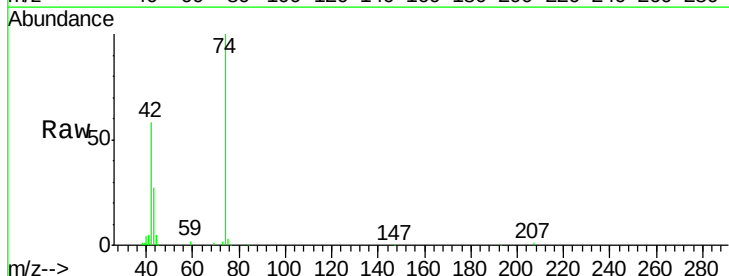
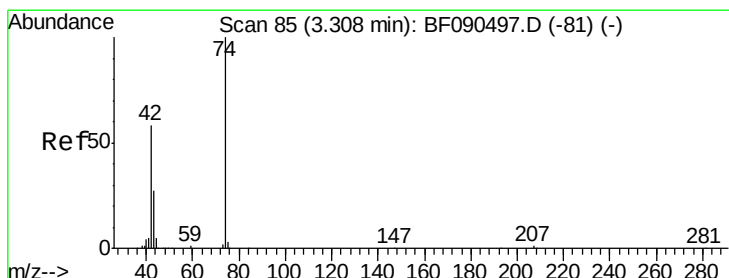
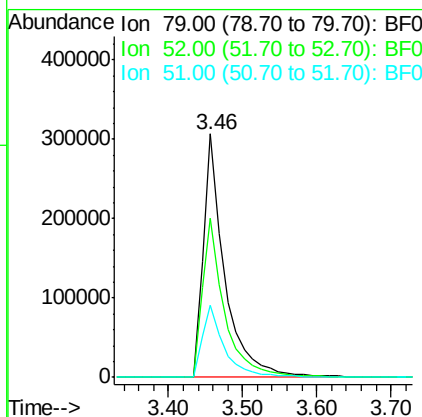
#3
 Pvridine
 Concen: 31.05 ng/ml
 RT: 3.46 min Scan# 98
 Delta R.T. 0.09 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.3	71.3	106.9#
51	29.5	34.5	51.7#

Instrument :
 BNA_F
 ClientSampleId :
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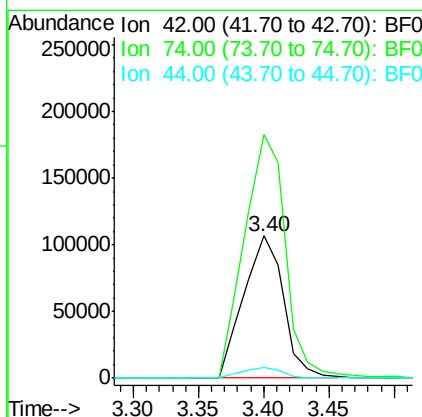
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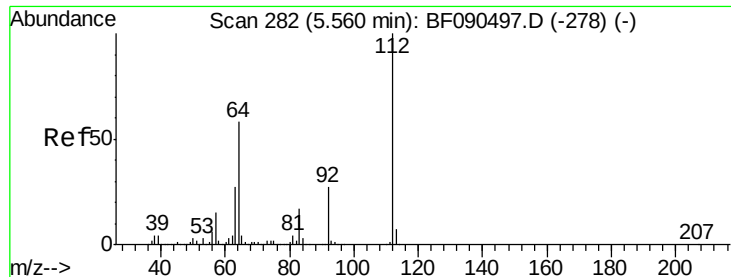
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#4
 n-Nitrosodimethylamine
 Concen: 34.86 ng/ml
 RT: 3.40 min Scan# 93
 Delta R.T. 0.09 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	171.4	88.9	133.3#
44	7.8	6.5	9.7





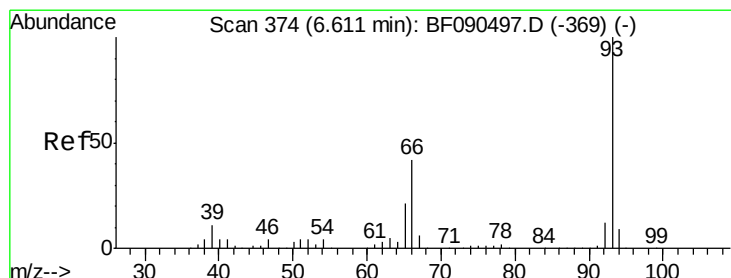
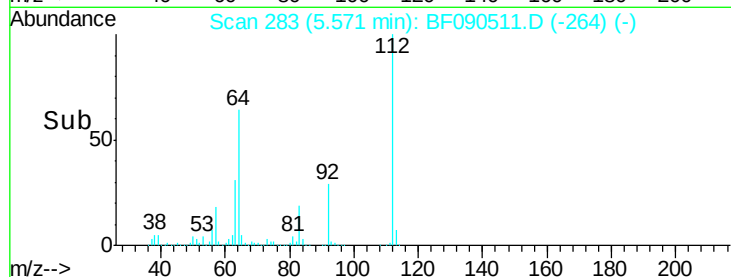
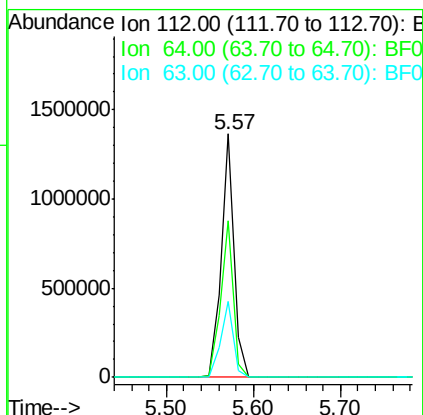
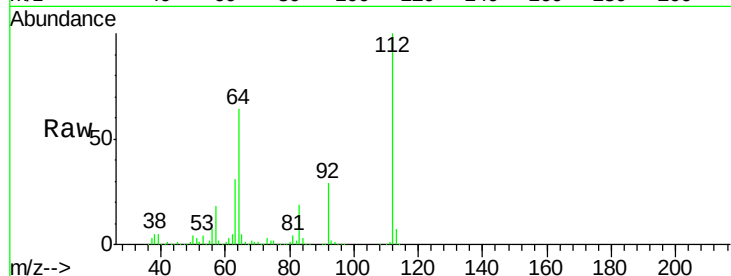
#5
2-Fluorophenol
Concen: 96.89 ng
RT: 5.57 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Lower	Upper
112	100		
64	64.3	57.9	86.9
63	31.3	29.6	44.4

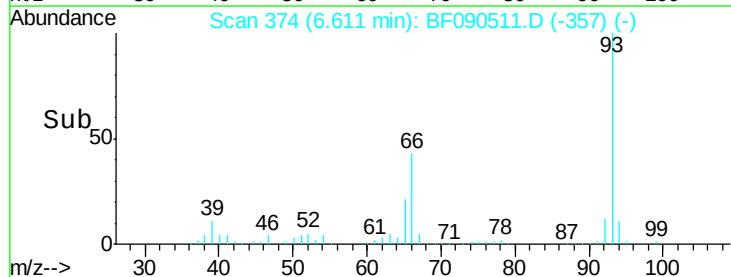
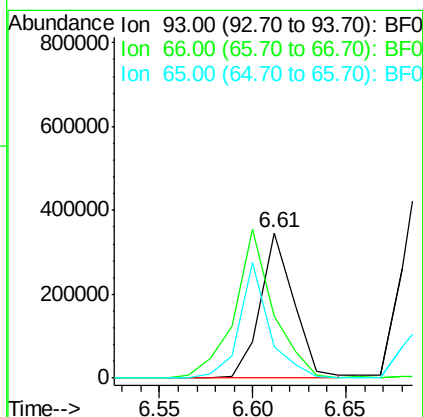
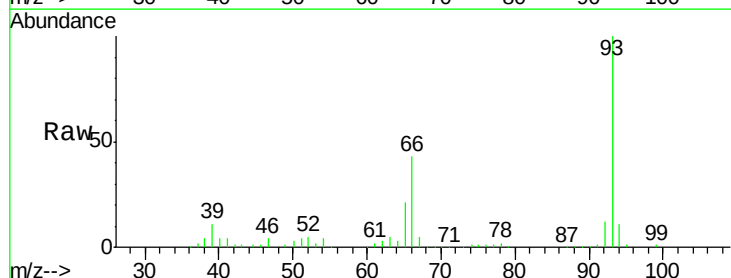
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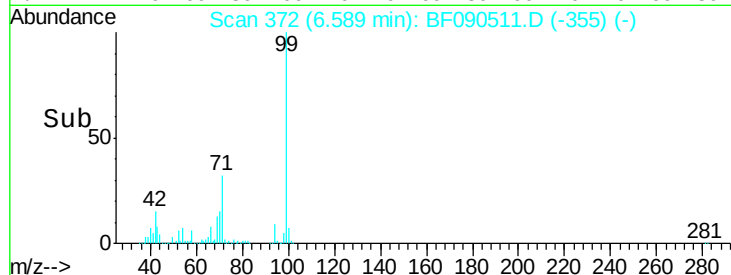
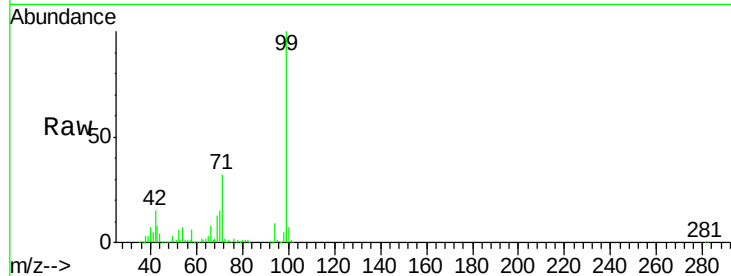
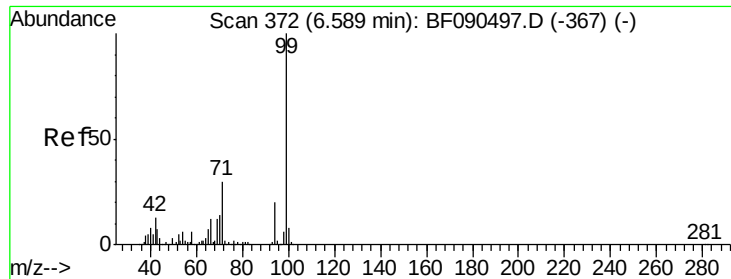
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#6
Aniline
Concen: 18.33 ng
RT: 6.61 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.9	34.5	51.7
65	21.2	18.2	27.2





#7

Phenol-d6

Concen: 103.97 ng

RT: 6.59 min Scan# 372

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Tot Ion:	99	Resp:	1923375
Ion	Ratio	Lower	Upper
99	100		
42	15.0	20.0	30.0#
71	32.0	27.9	41.9

Instrument :

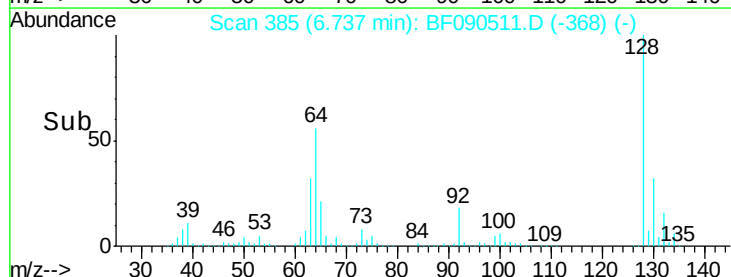
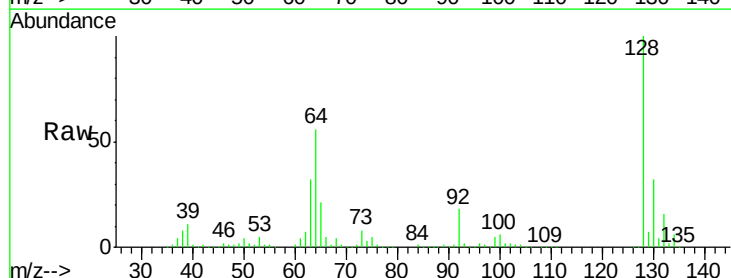
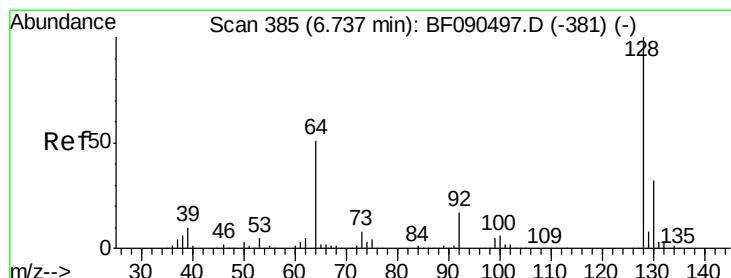
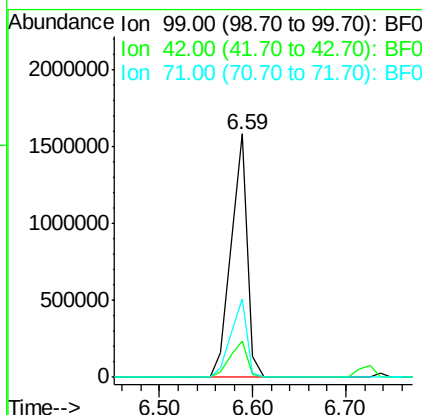
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#8

2-Chlorophenol

Concen: 34.17 ng

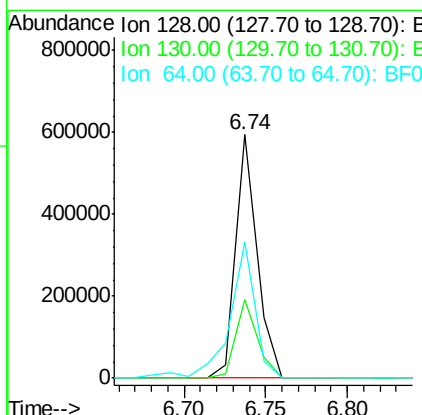
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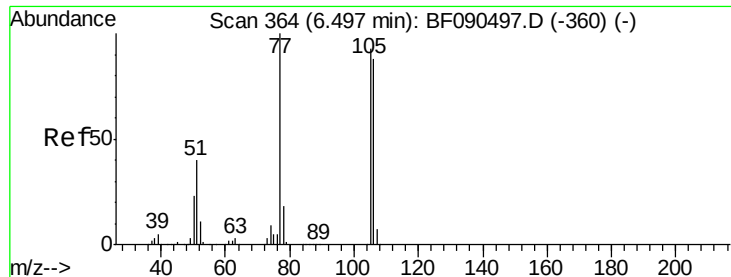
Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Tgt Ion:	128	Resp:	532844
Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.3	53.3
64	55.7	36.0	76.0





#9

Benzaldehyde

Concen: 14.82 ng

RT: 6.50 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

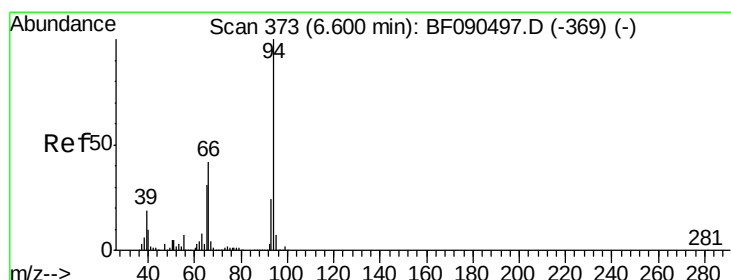
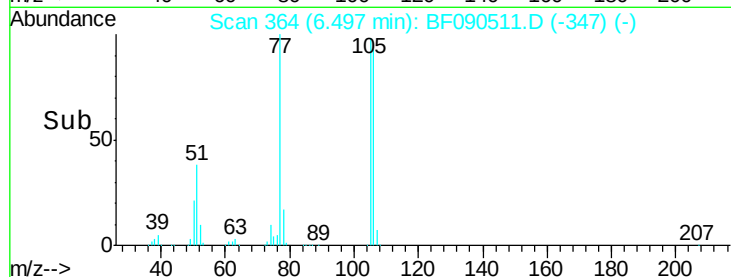
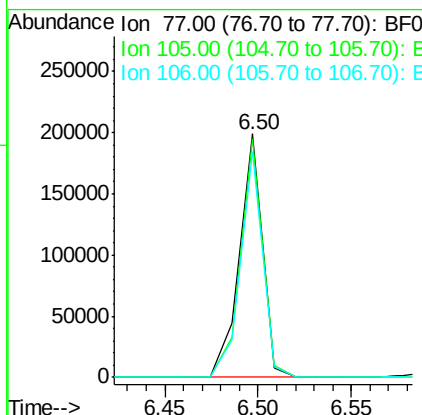
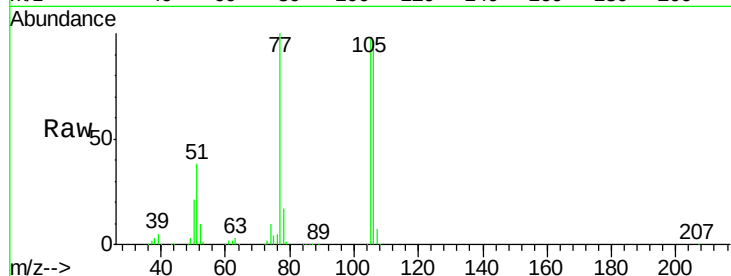
ClientSampleId :

PB93820BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	97.9	73.1	113.1		
106	92.7	70.2	110.2		

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#10

Phenol

Concen: 36.86 ng

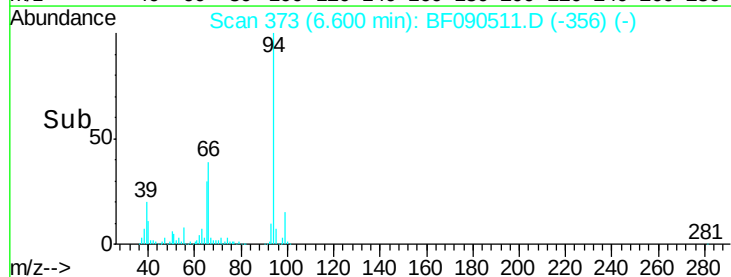
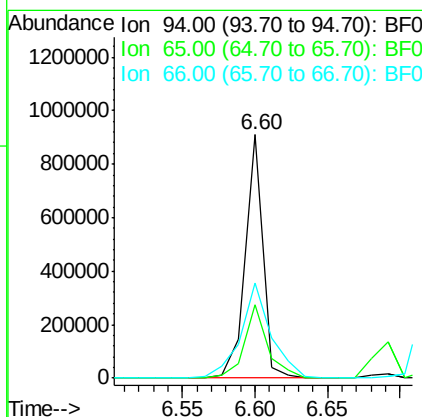
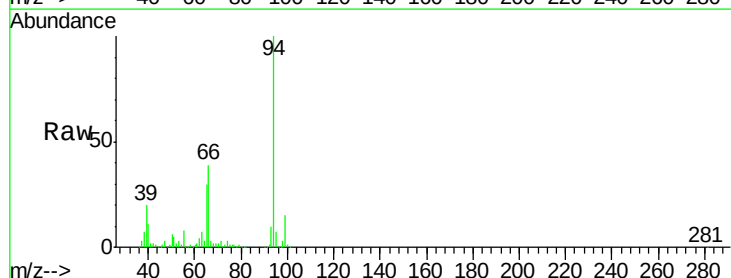
RT: 6.60 min Scan# 373

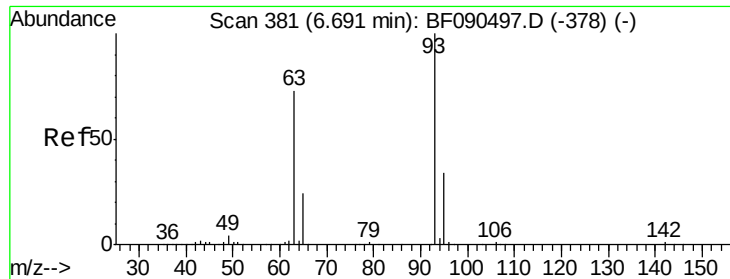
Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.2	13.3	53.3		
66	39.1	20.4	60.4		





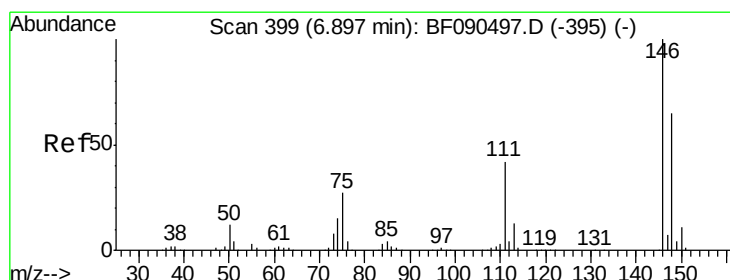
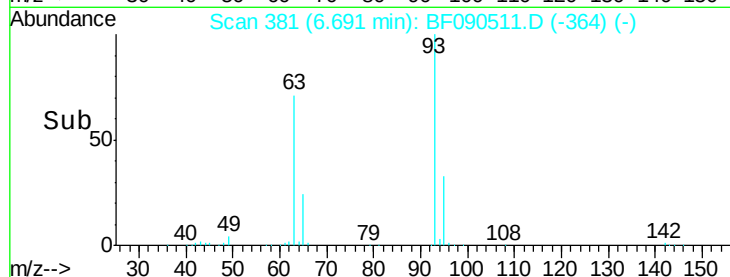
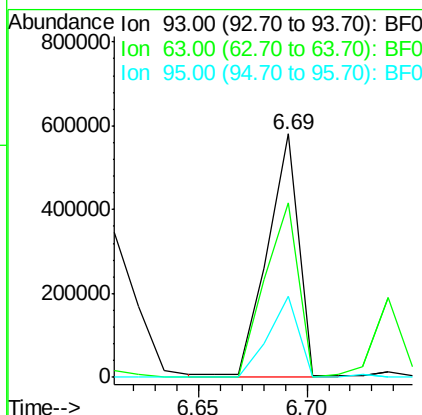
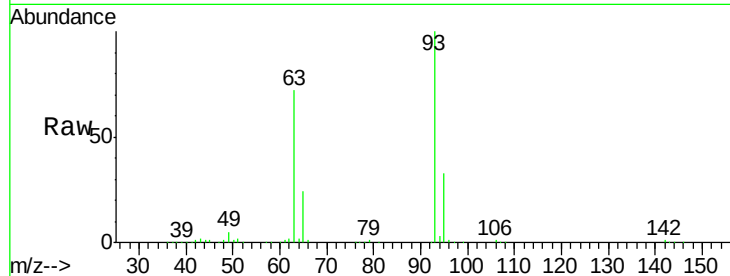
#11
bis(2-Chloroethyl)ether
Concen: 37.89 ng
RT: 6.69 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion:	93	Resp:	591837
Ion Ratio	Lower	Upper	
93	100		
63	71.5	59.7	99.7
95	33.2	14.0	54.0

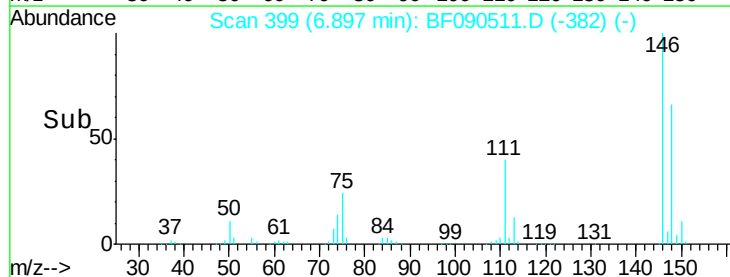
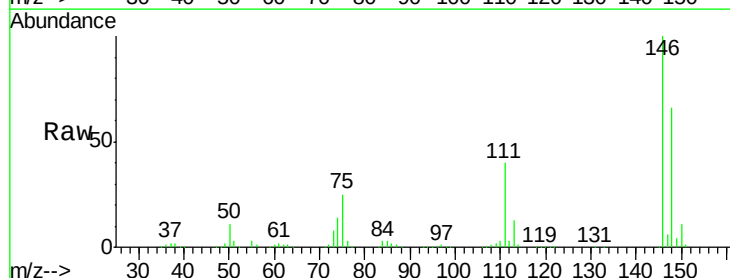
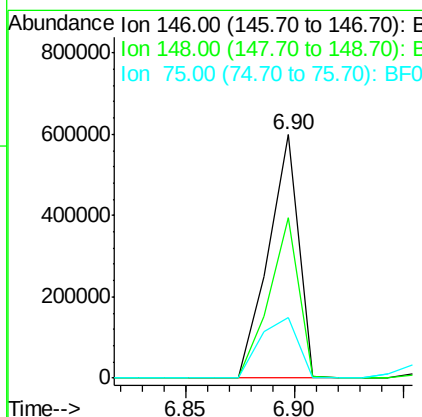
Manual Integrations
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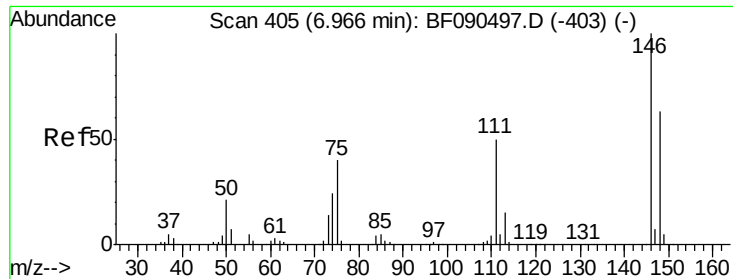
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#12
1,3-Dichlorobenzene
Concen: 34.88 ng
RT: 6.90 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion:	146	Resp:	586912
Ion Ratio	Lower	Upper	
146	100		
148	65.7	52.2	78.4
75	25.0	21.4	32.2





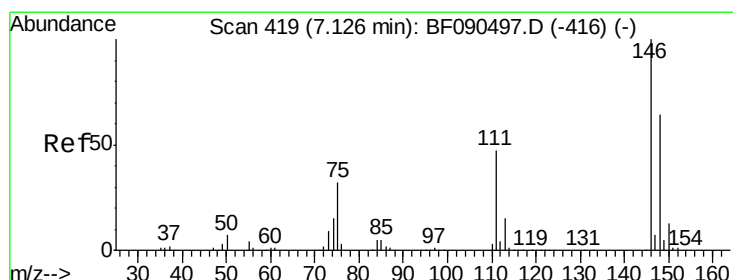
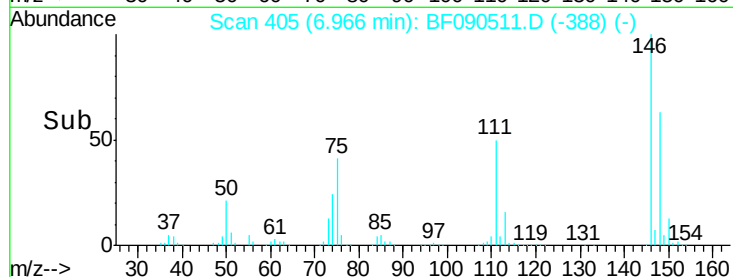
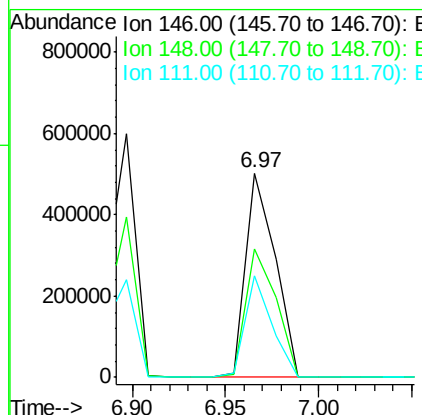
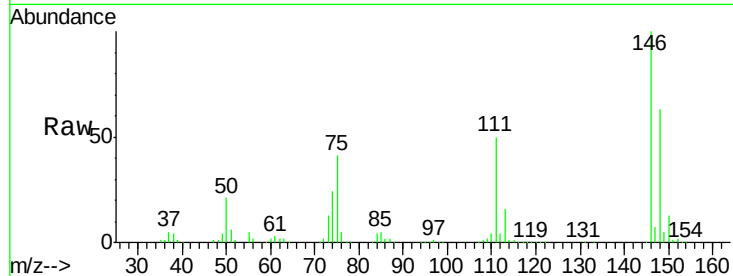
#13
 1,4-Dichlorobenzene
 Concen: 32.26 ng
 RT: 6.97 min Scan# 405
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampled :
 PB93820BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.1	76.7
111	49.7	37.8	56.6

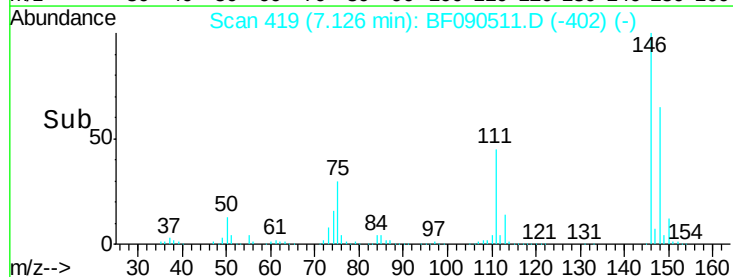
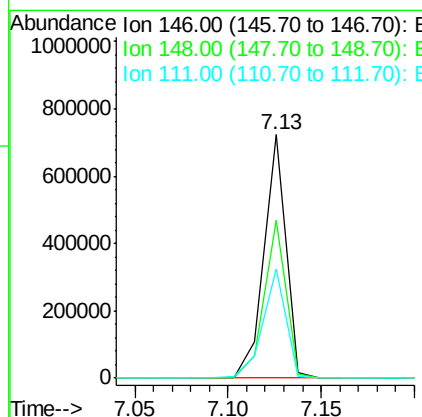
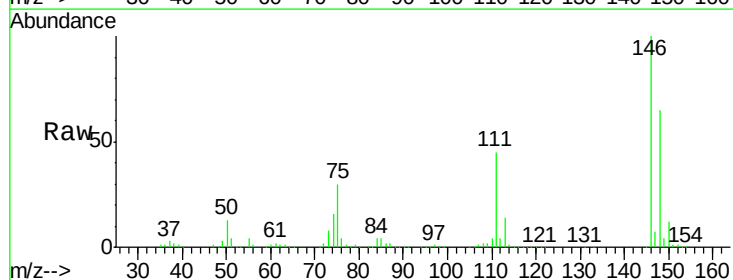
Manual Integrations
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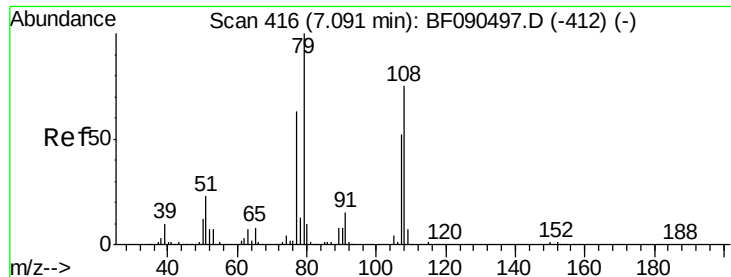
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#14
 1,2-Dichlorobenzene
 Concen: 37.27 ng
 RT: 7.13 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.3	78.5
111	44.7	38.2	57.4





#15

Benzyl Alcohol

Concen: 33.63 ng

RT: 7.09 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

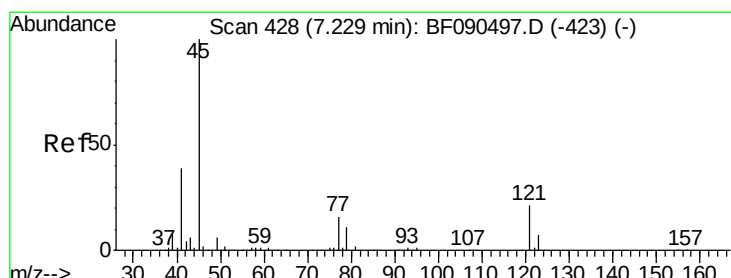
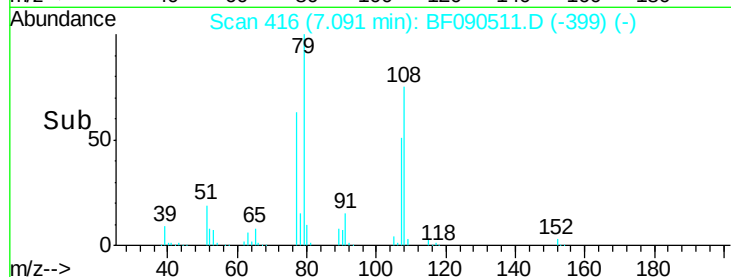
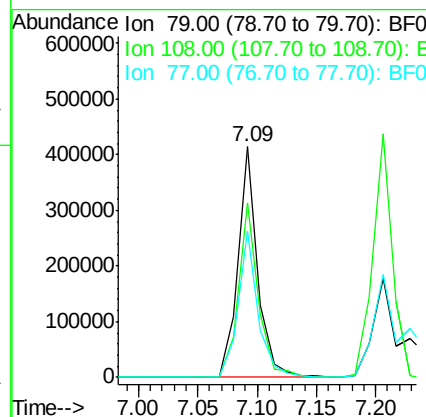
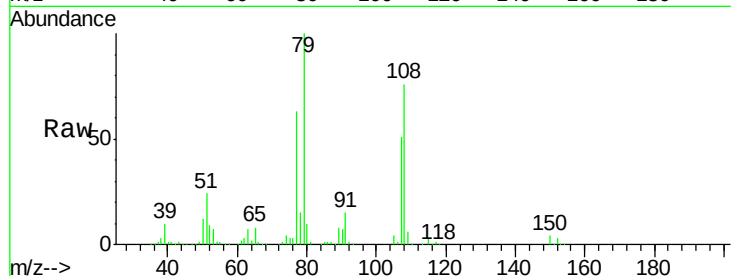
ClientSampled :

PB93820BS

Tot Ion:	79	Resp:	477618
Ion Ratio	Lower	Upper	
79	100		
108	75.9	60.9	91.3
77	63.4	51.5	77.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.55 ng

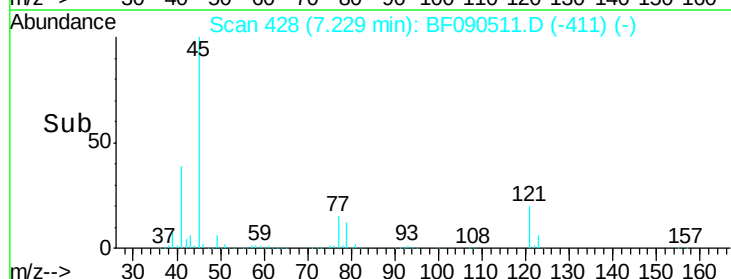
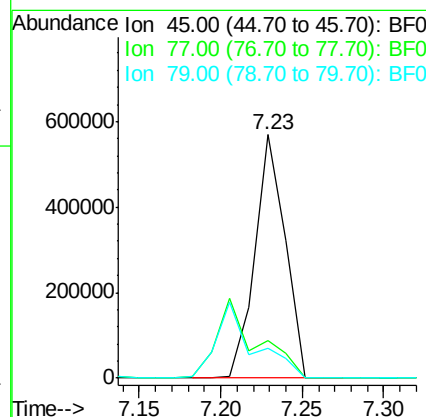
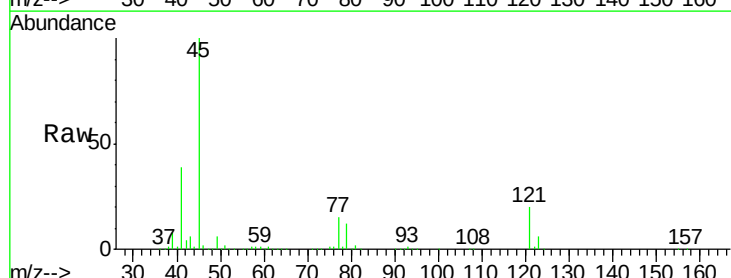
RT: 7.23 min Scan# 428

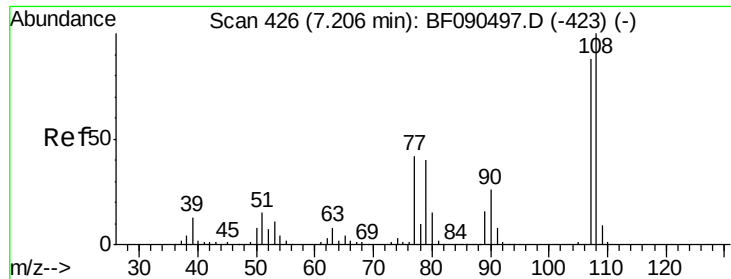
Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Tgt Ion:	45	Resp:	728578
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	30.8
79	12.1	0.0	28.2





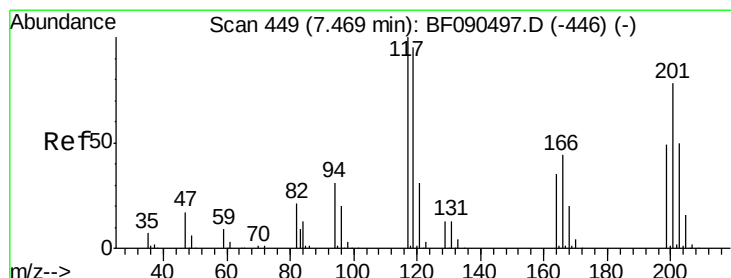
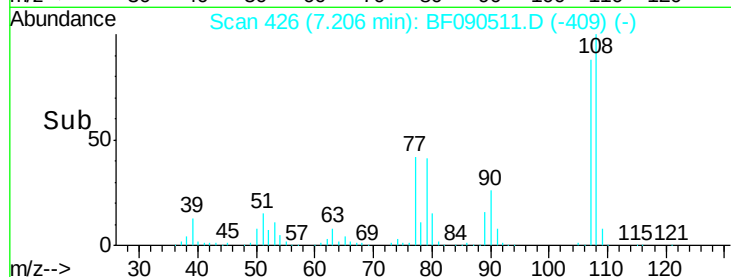
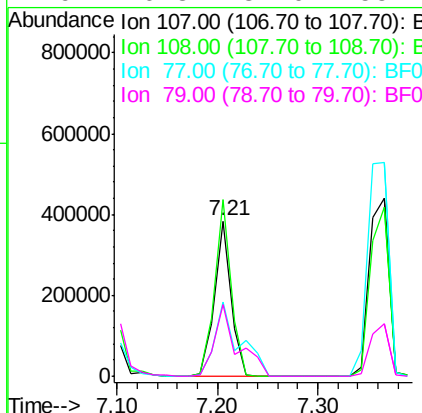
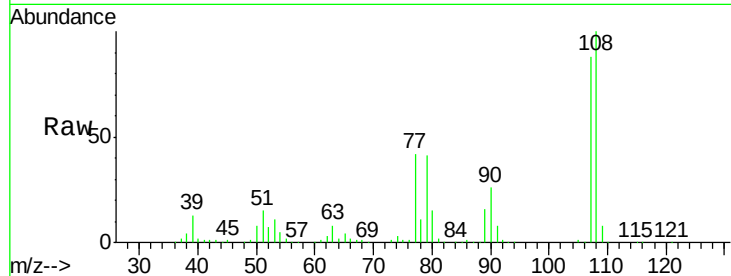
#17
2-Methylphenol
Concen: 34.61 ng
RT: 7.21 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	107	Resp	438972
Ion Ratio	Lower	Upper	
107	100		
108	113.6	90.9	136.3
77	48.1	38.2	57.4
79	46.3	37.0	55.4

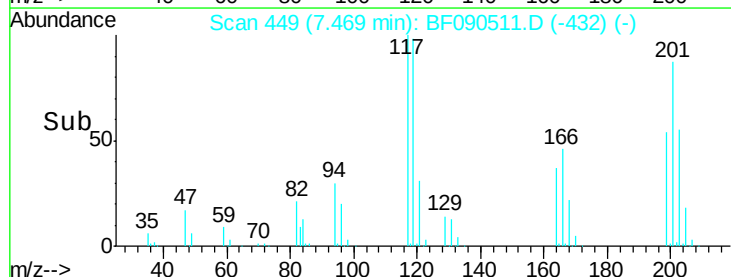
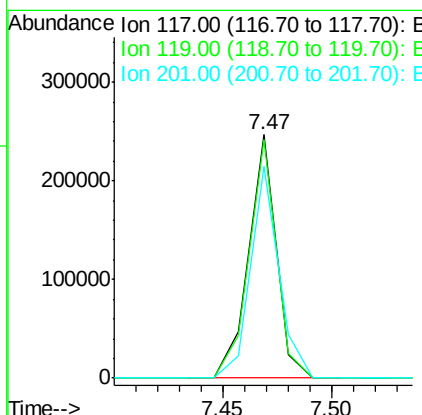
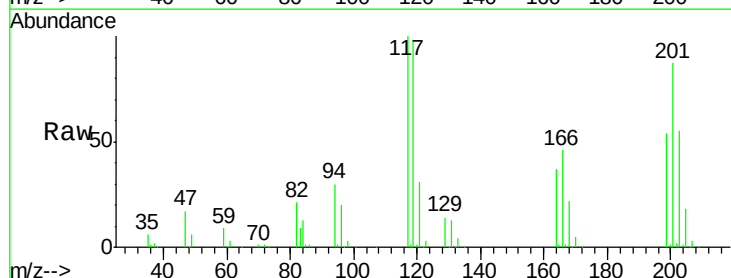
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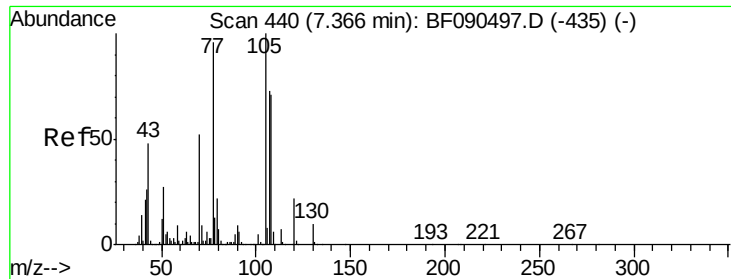
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#18
Hexachloroethane
Concen: 34.45 ng
RT: 7.47 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion	117	Resp	218234
Ion Ratio	Lower	Upper	
117	100		
119	98.1	75.9	113.9
201	86.8	66.5	99.7





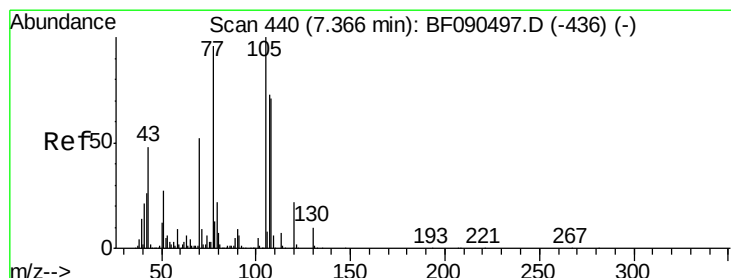
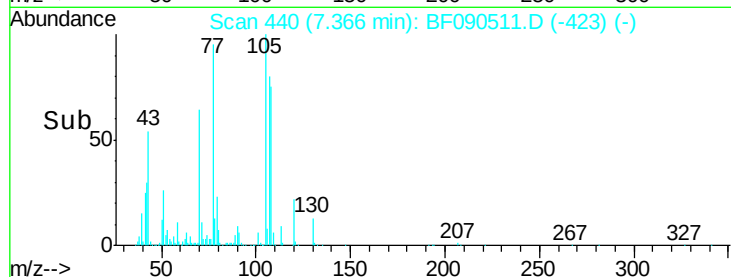
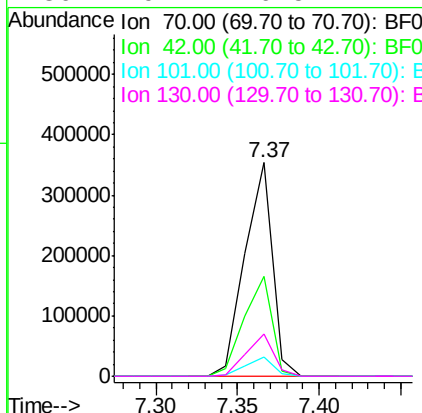
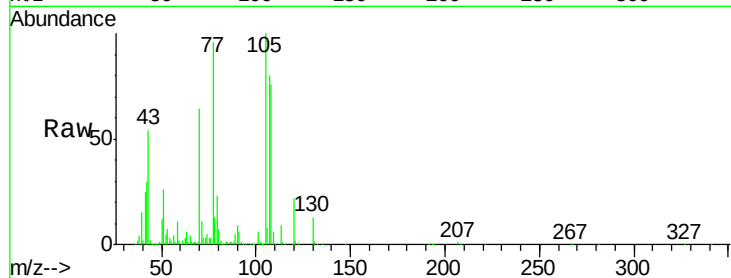
#19
n-Nitroso-di-n-propylamine
Concen: 34.98 ng
RT: 7.37 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.9	55.4	83.2#	
101	9.1	7.6	11.4	
130	19.7	16.5	24.7	

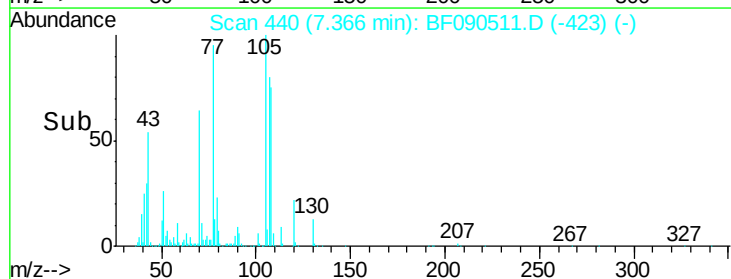
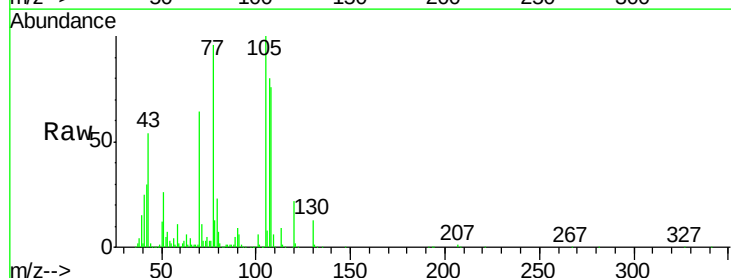
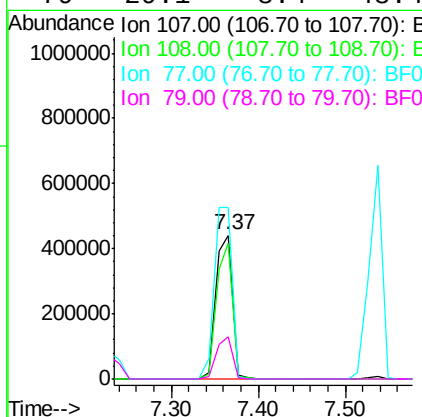
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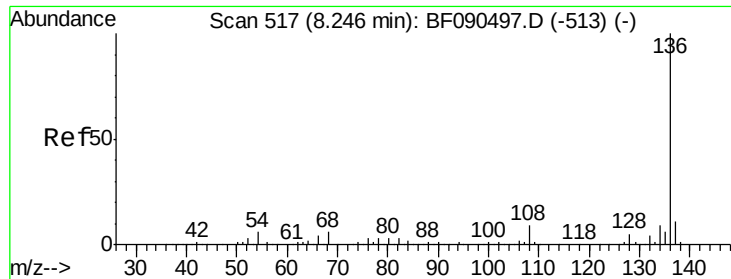
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#20
3+4-Methylphenols
Concen: 37.18 ng
RT: 7.37 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.9	66.7	106.7	
77	119.8	53.7	93.7#	
79	29.1	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

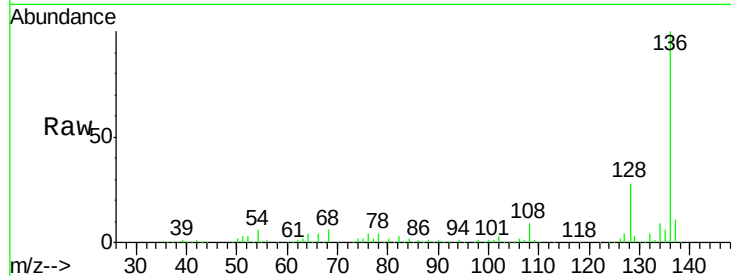
ClientSampleId :

PB93820BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	9.0	13.6
54	5.9	6.6	10.0#
68	5.6	5.0	7.6

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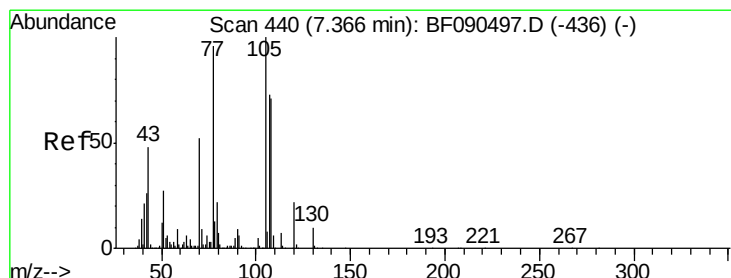
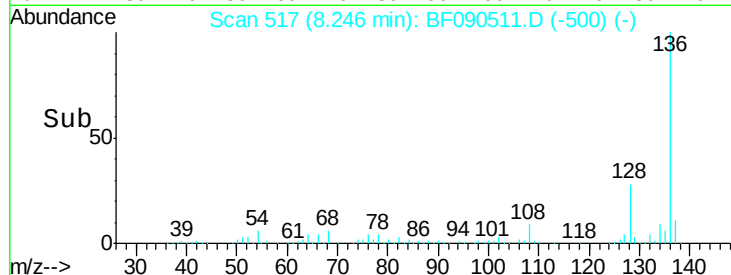
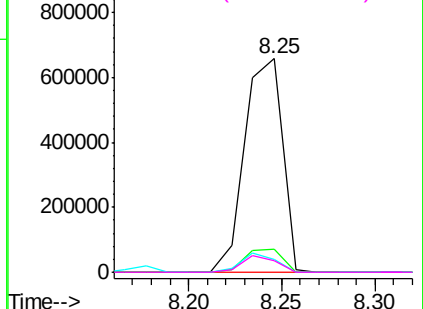


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.52 ng

RT: 7.37 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

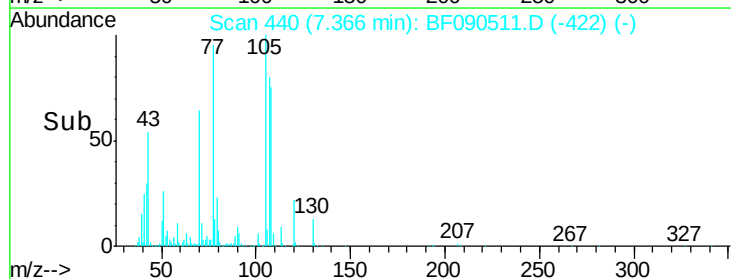
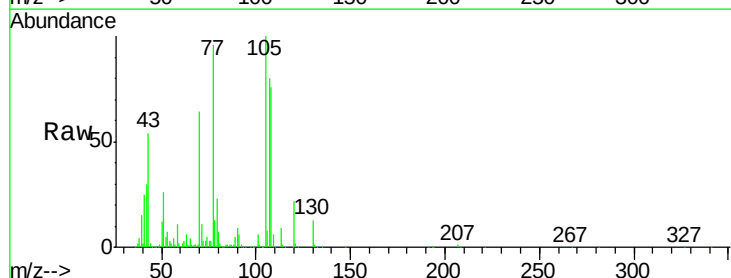
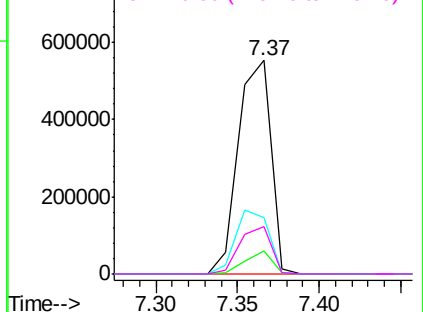
Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	10.8	3.8	5.6#
51	26.3	28.2	42.4#
120	22.2	17.4	26.2

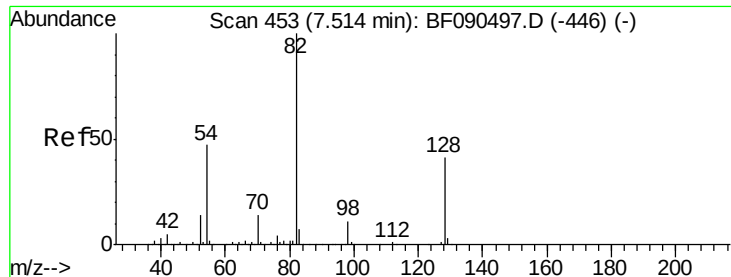
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





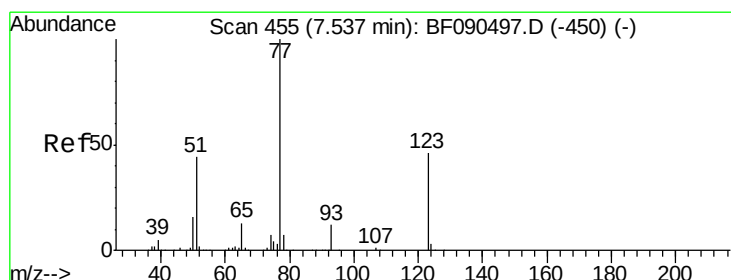
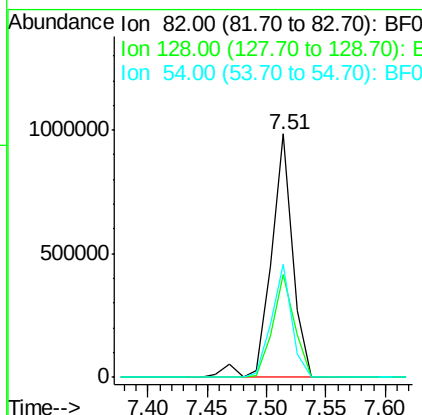
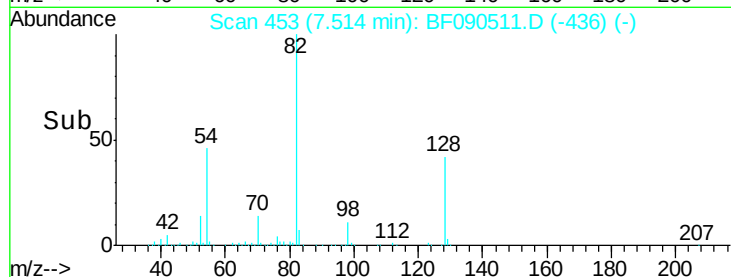
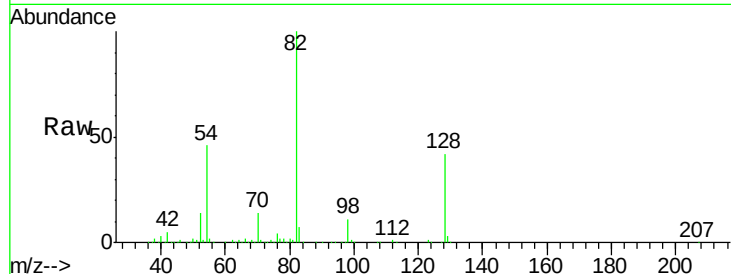
#23
 Nitrobenzene-d5
 Concen: 72.32 ng
 RT: 7.51 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tot Ion	82	Resp	1232000
Ion Ratio	100	Lower	Upper
128	42.4	40.0	60.0
54	46.3	42.6	64.0

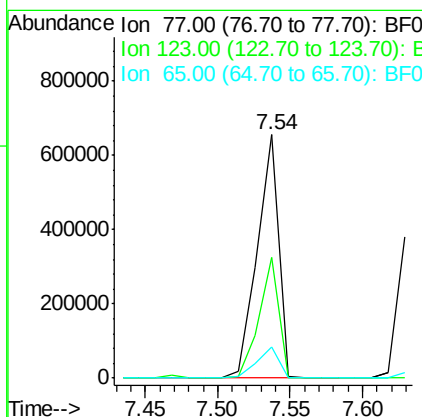
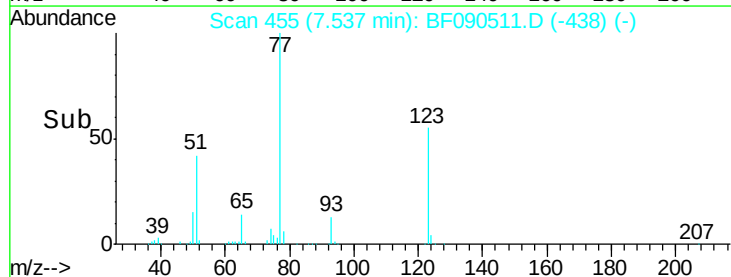
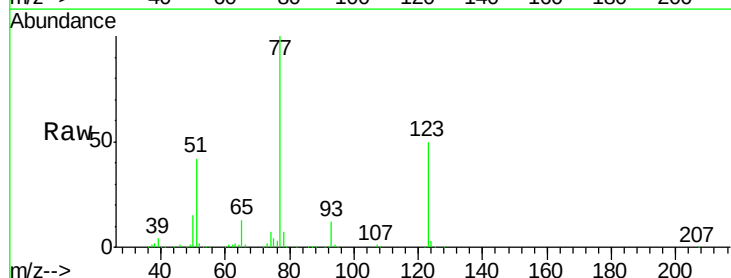
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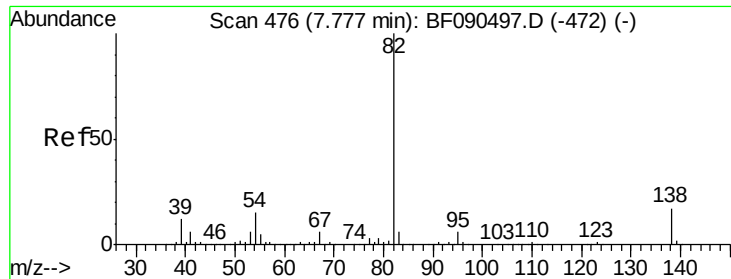
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#24
 Nitrobenzene
 Concen: 36.64 ng
 RT: 7.54 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion	77	Resp	669542
Ion Ratio	100	Lower	Upper
123	49.7	33.0	49.4#
65	13.0	12.0	18.0





#25

Isophorone

Concen: 36.93 ng

RT: 7.78 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

Tot Ion: 82 Resp: 1144995

Ion Ratio Lower Upper

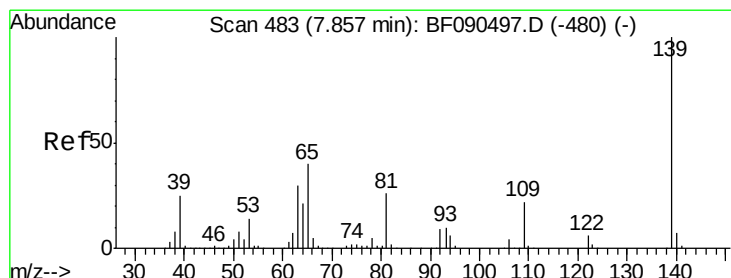
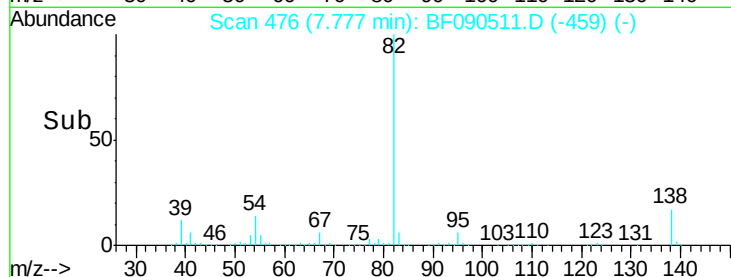
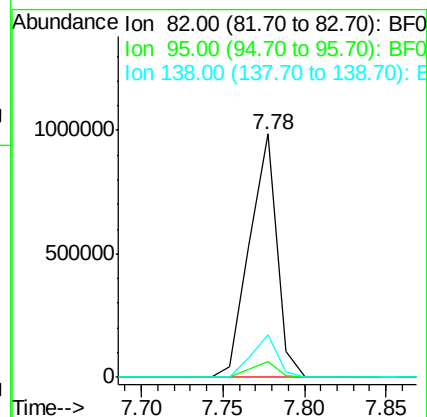
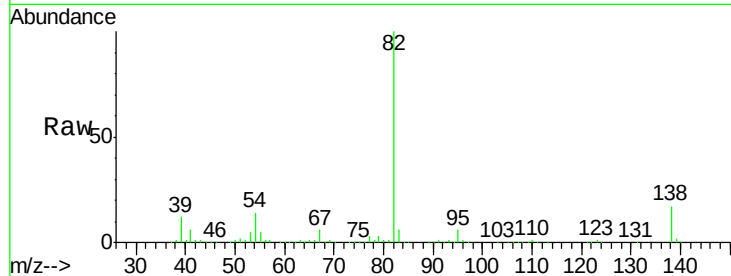
82 100

95 6.4 5.2 7.8

138 17.3 13.0 19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.33 ng

RT: 7.86 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

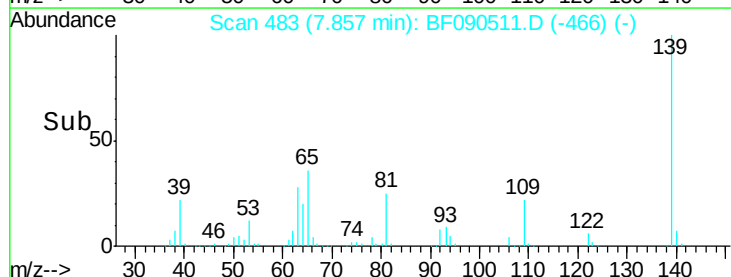
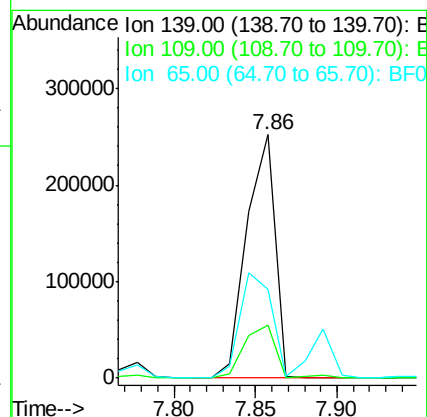
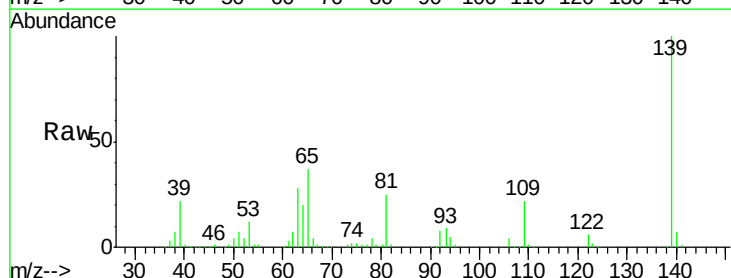
Tgt Ion: 139 Resp: 302879

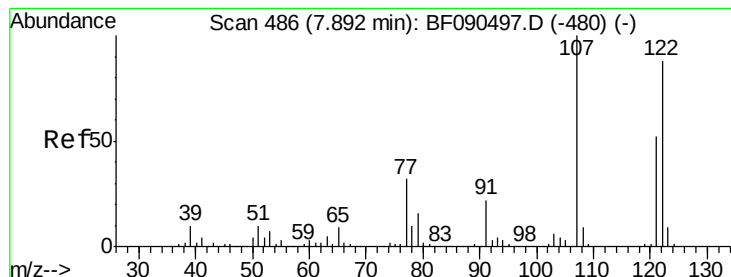
Ion Ratio Lower Upper

139 100

109 21.5 18.9 28.3

65 36.6 31.6 47.4





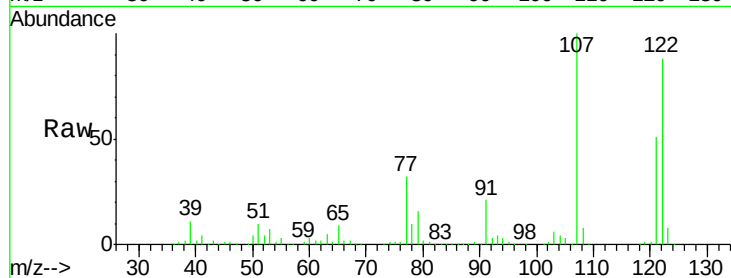
#27
 2,4-Dimethylphenol
 Concen: 37.26 ng
 RT: 7.89 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

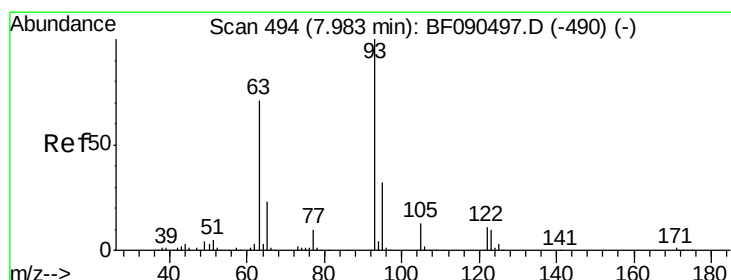
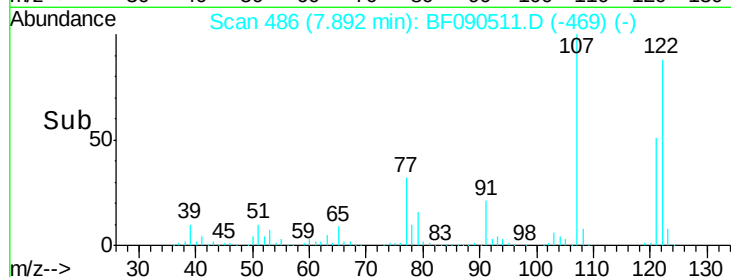
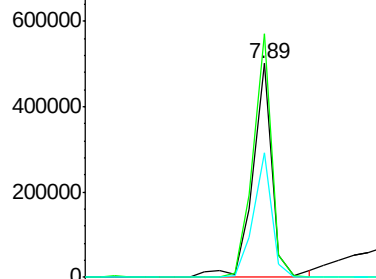
Tot Ion	Ratio	Resp	Lower	Upper
122	100	527997		
107	113.9	88.6	132.8	
121	58.5	47.5	71.3	

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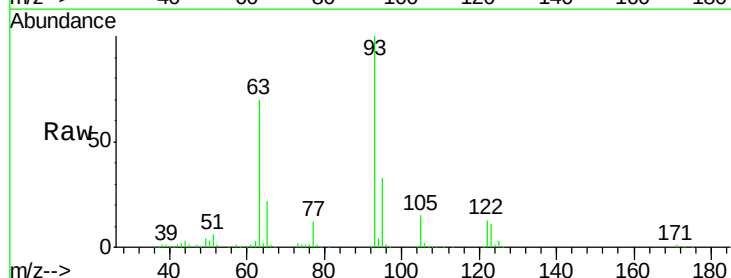


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

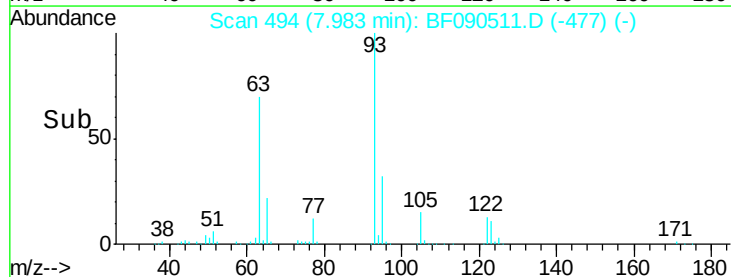
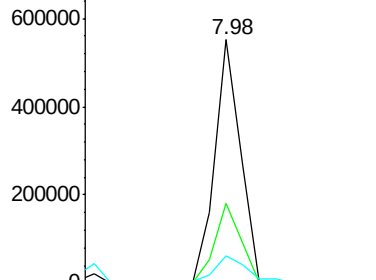


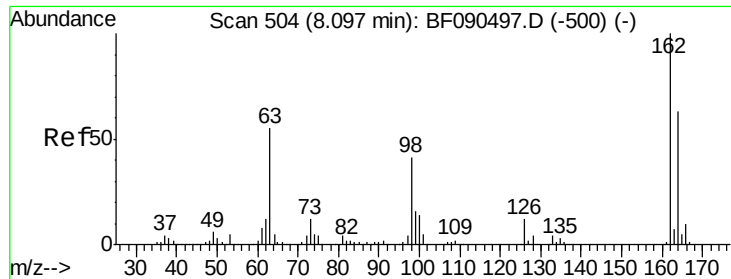
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.29 ng
 RT: 7.98 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	675752		
95	32.9	27.0	40.4	
123	11.1	11.1	16.7	



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





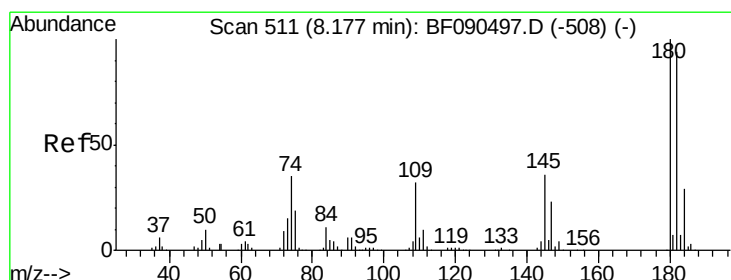
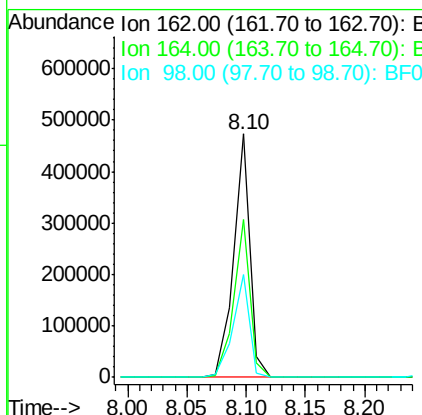
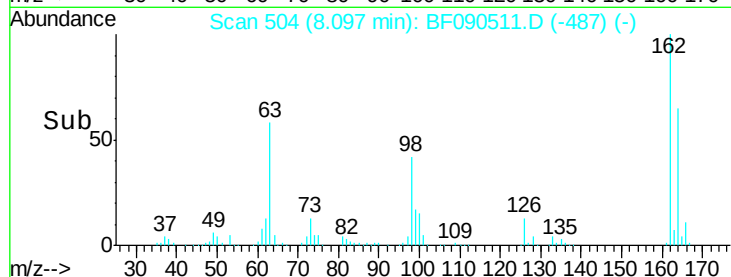
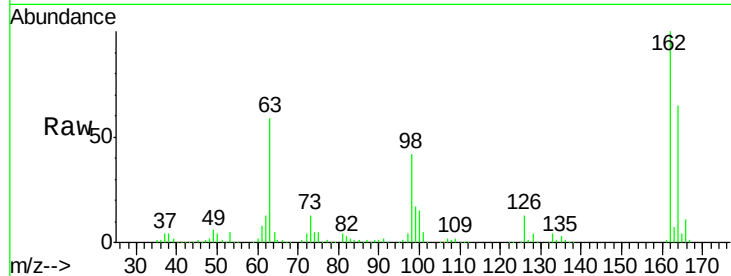
#29
2,4-Dichlorophenol
Concen: 38.15 ng
RT: 8.10 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	452159		
164	64.9	45.7	85.7	
98	42.5	13.3	53.3	

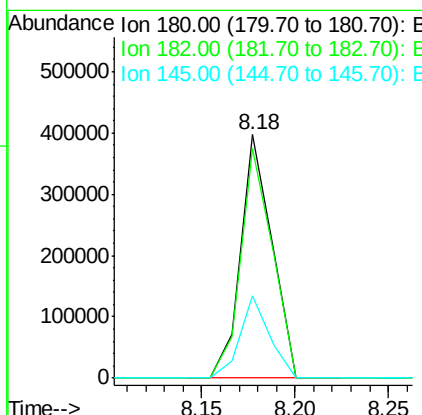
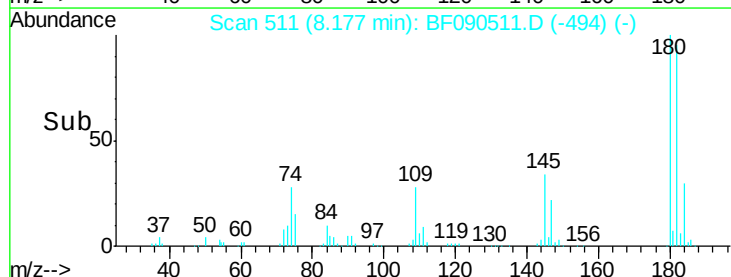
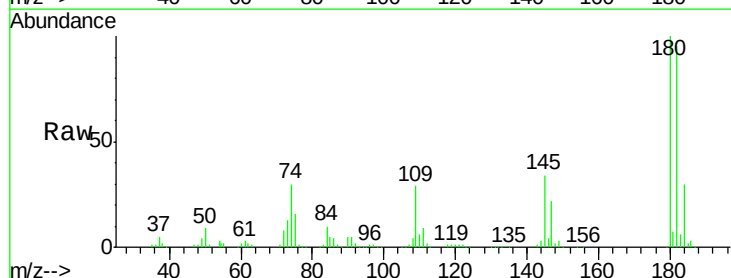
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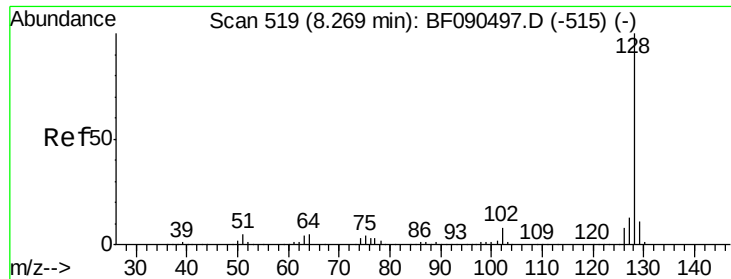
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#30
1,2,4-Trichlorobenzene
Concen: 33.95 ng
RT: 8.18 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	462176		
182	94.5	75.3	112.9	
145	34.0	27.7	41.5	





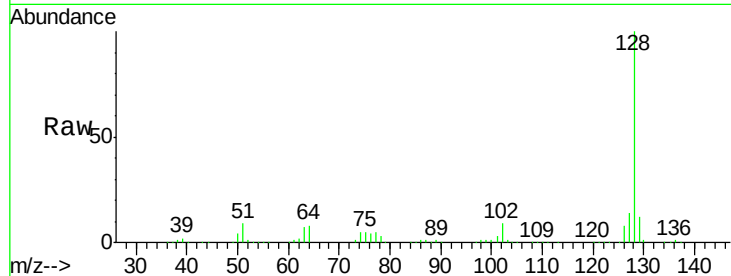
#31
Naphthalene
Concen: 33.58 ng
RT: 8.26 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

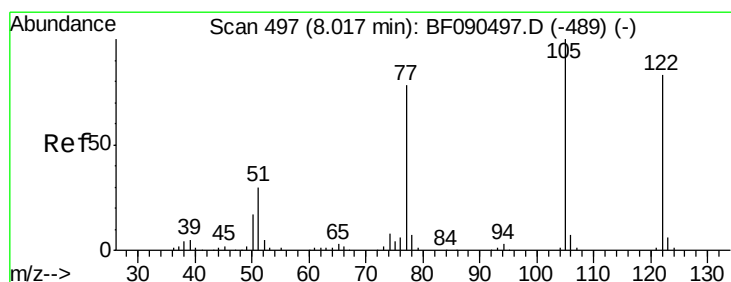
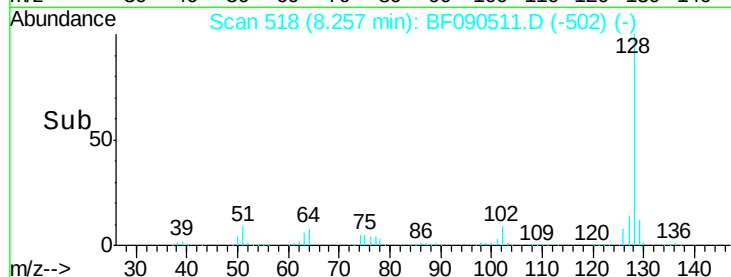
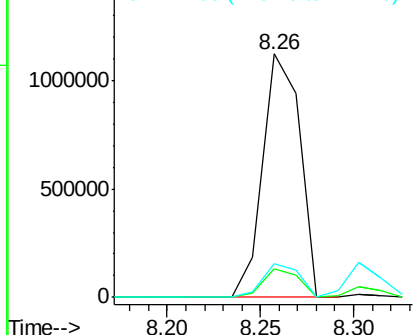
Tot Ion:128 Resp: 1545938
Ion Ratio Lower Upper
128 100
129 11.7 9.7 14.5
127 13.7 11.7 17.5

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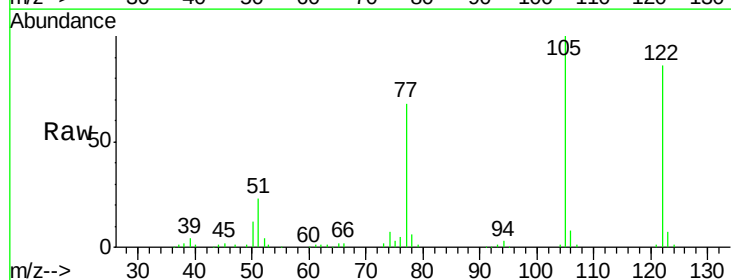


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

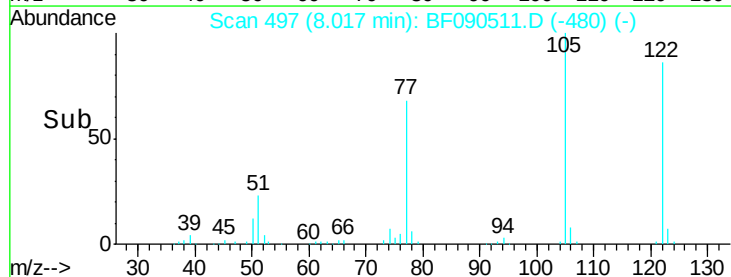
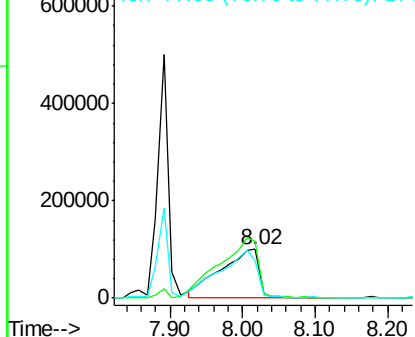


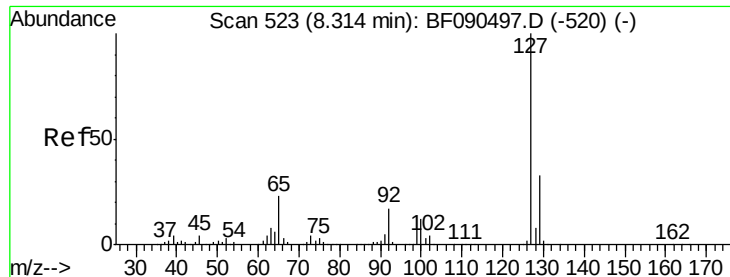
#32
Benzoic acid
Concen: 32.89 ng
RT: 8.02 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion:122 Resp: 367844
Ion Ratio Lower Upper
122 100
105 115.8 103.9 143.9
77 78.6 74.6 114.6



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





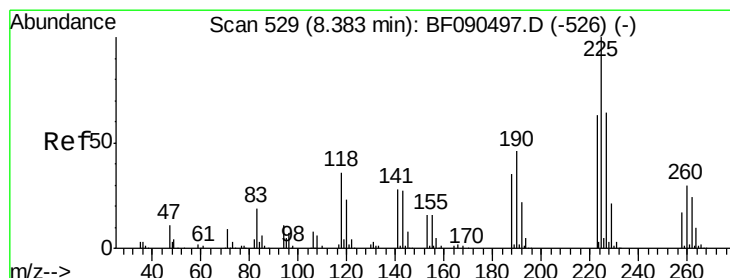
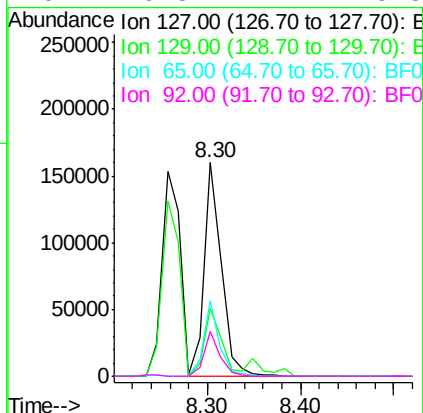
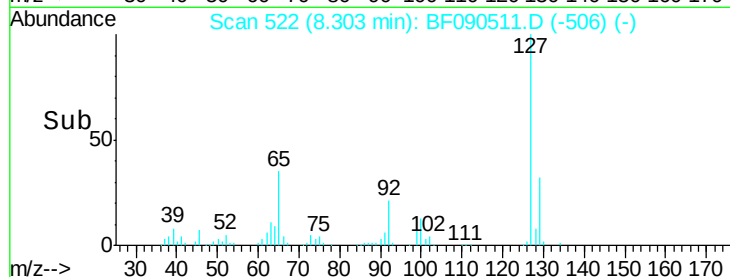
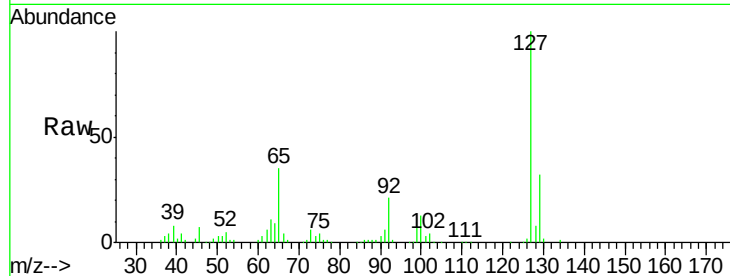
#33
4-Chloroaniline
Concen: 10.73 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		209010		
129	31.9	26.2	39.4		
65	35.4	32.5	48.7		
92	20.8	17.2	25.8		

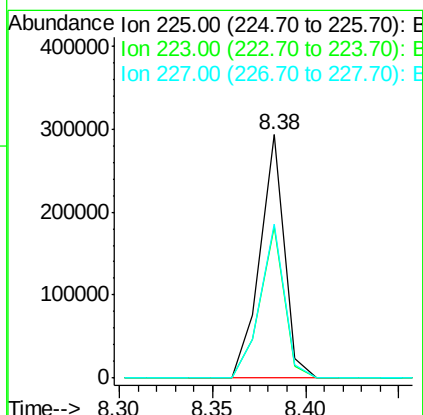
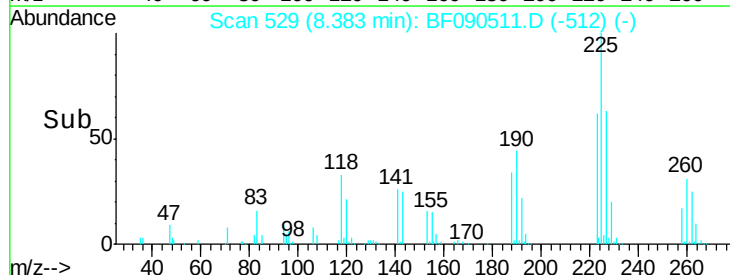
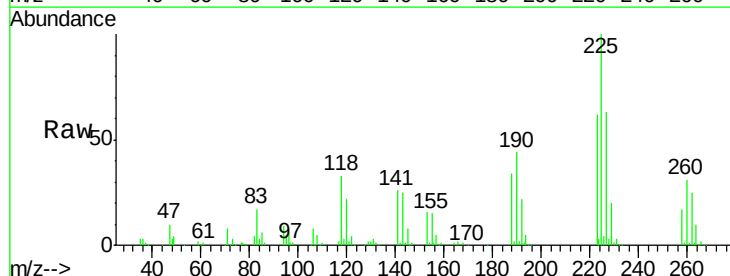
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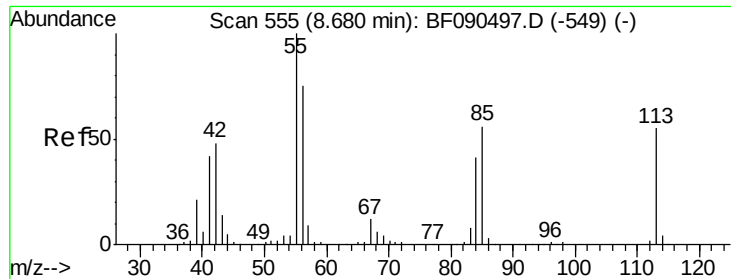
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#34
Hexachlorobutadiene
Concen: 35.48 ng
RT: 8.38 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		270057		
223	62.3	51.0	76.4		
227	63.4	50.8	76.2		





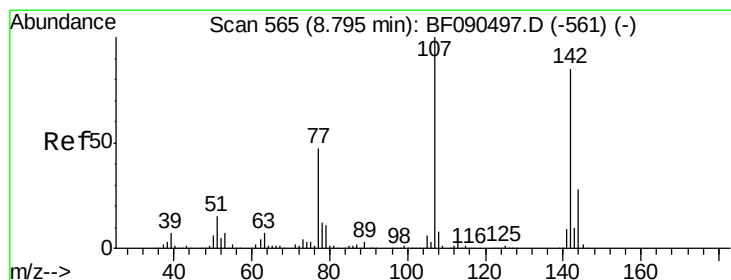
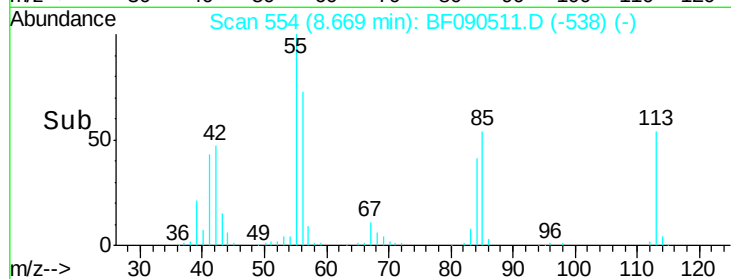
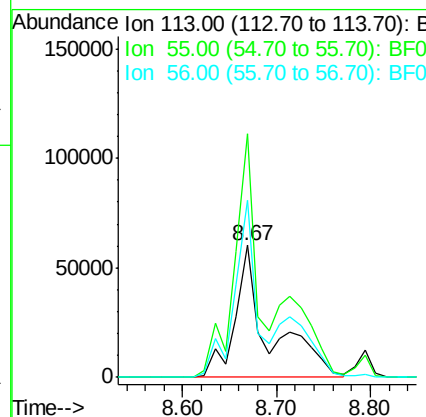
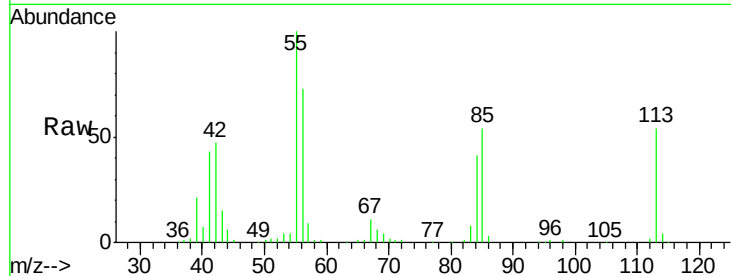
#35
 Caprolactam
 Concen: 39.44 ng/ml
 RT: 8.67 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	184.8	203.3	243.3#
56	134.6	140.5	180.5#

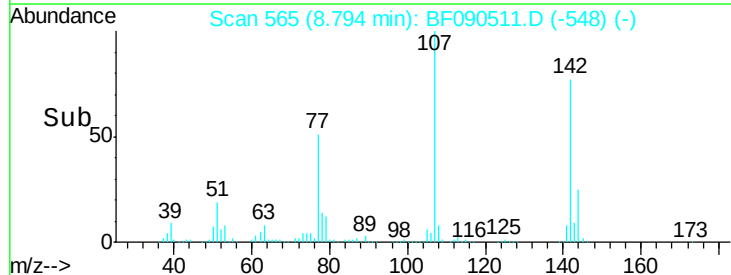
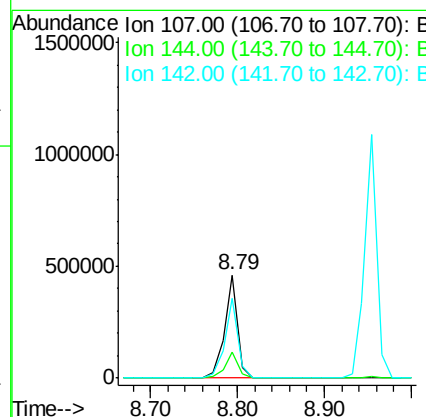
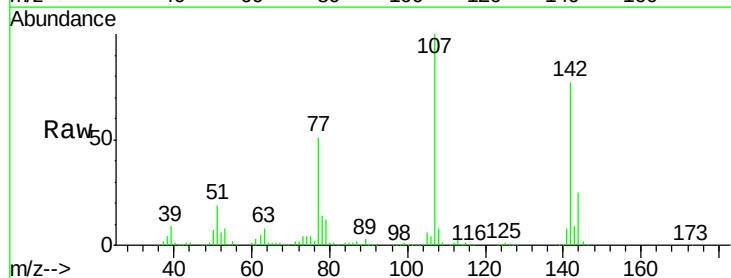
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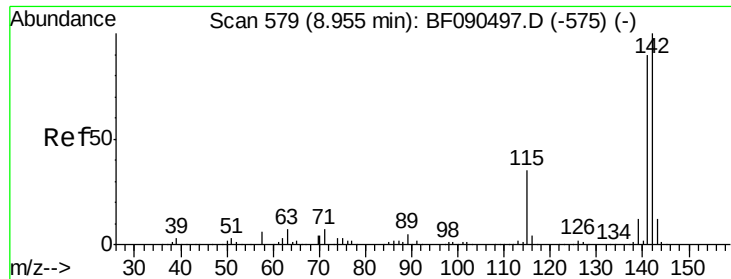
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#36
 4-Chloro-3-methylphenol
 Concen: 35.46 ng/ml
 RT: 8.79 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.8	29.8
142	77.2	60.7	91.1





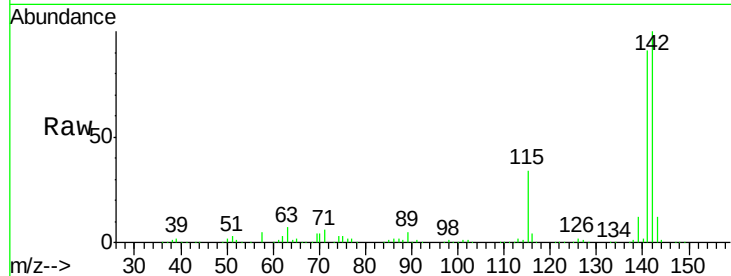
#37
 2-Methylnaphthalene
 Concen: 34.24 ng
 RT: 8.95 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampleID :
 PB93820BS

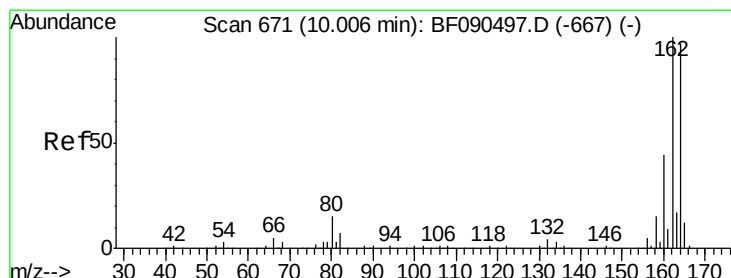
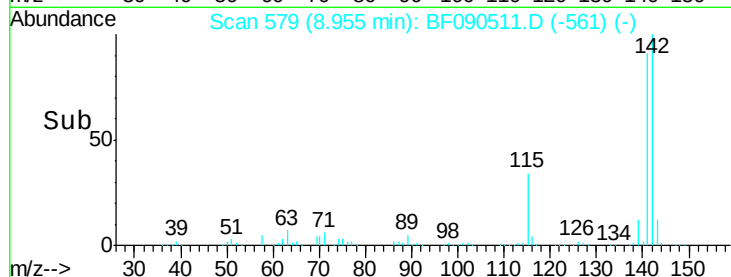
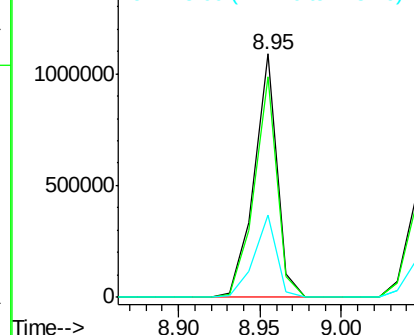
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.8	107.8
115	33.8	28.8	43.2

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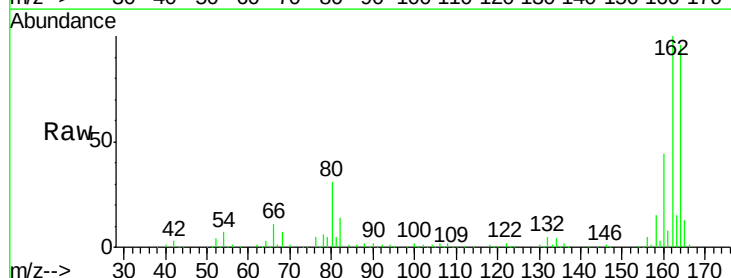


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

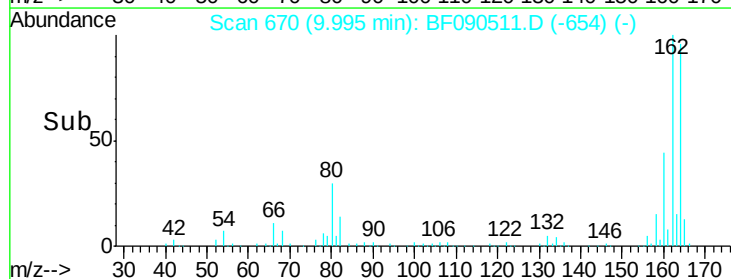
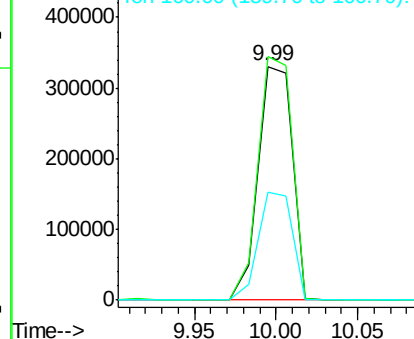


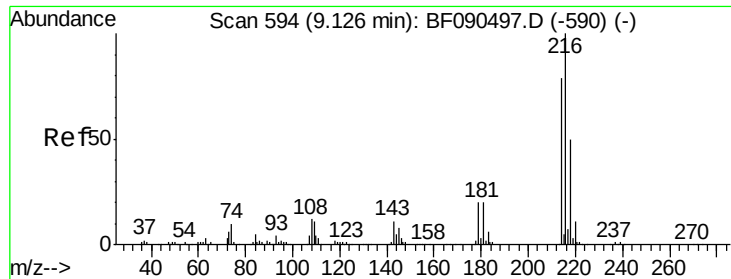
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.1	120.1
160	46.3	36.3	54.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





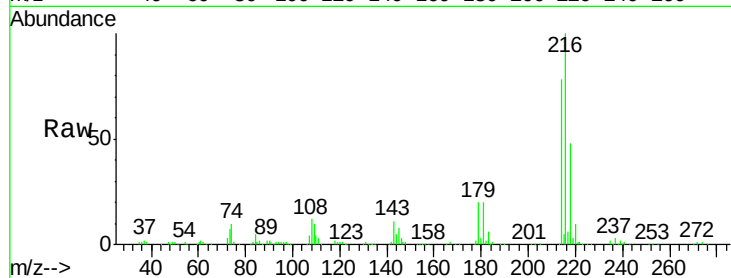
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.85 ng
 RT: 9.13 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

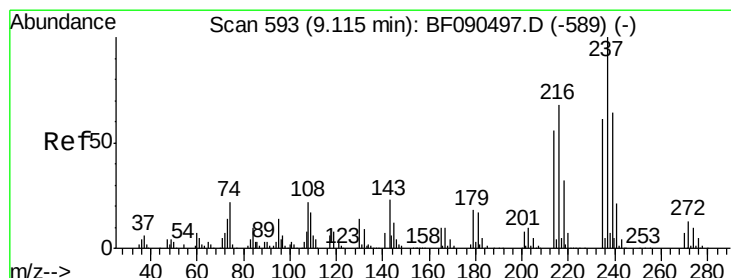
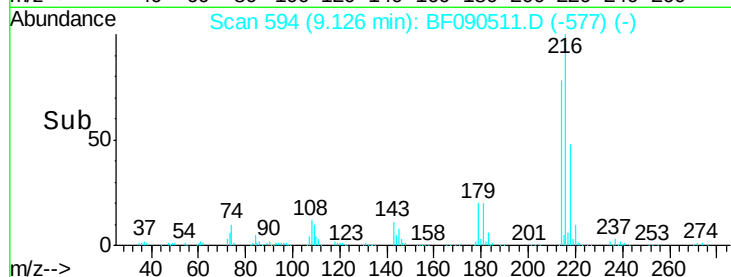
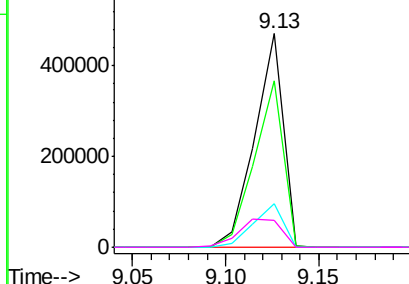
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		498427		
214	78.9	64.2	96.2		
179	21.5	18.0	27.0		
108	19.8	15.2	22.8		

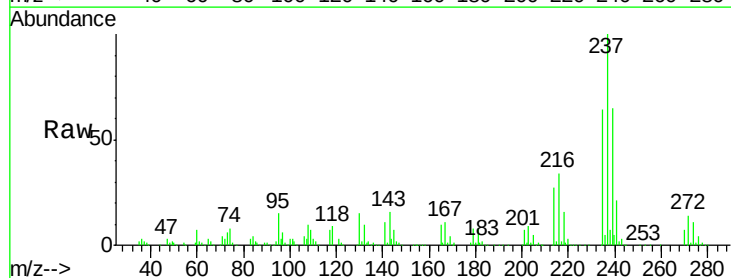


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

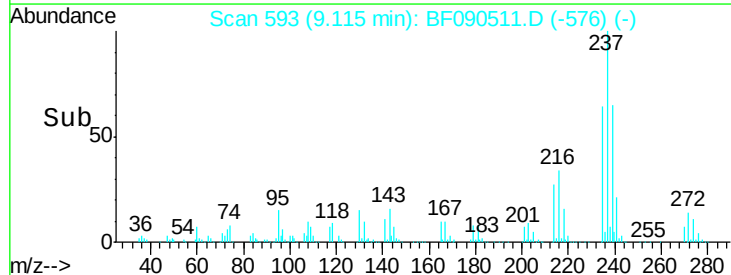
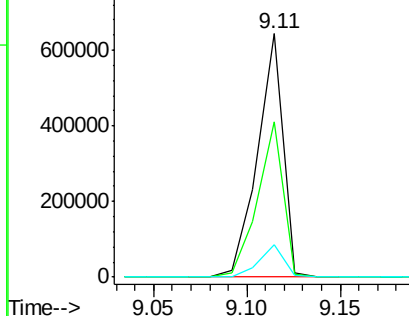


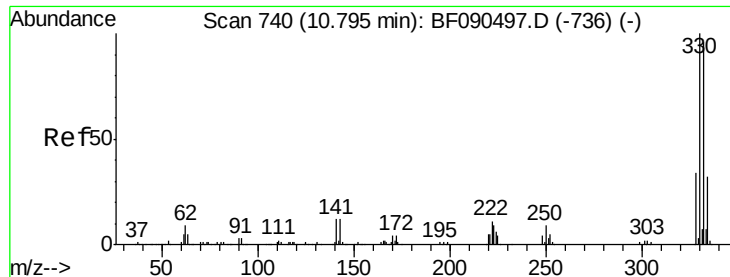
#40
 Hexachlorocyclopentadiene
 Concen: 92.65 ng
 RT: 9.11 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		622101		
235	63.8	43.6	83.6		
272	13.5	0.0	32.7		



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





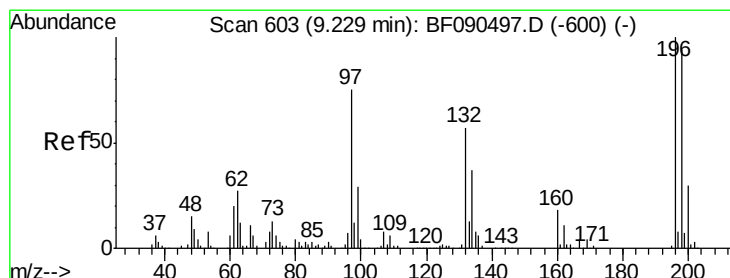
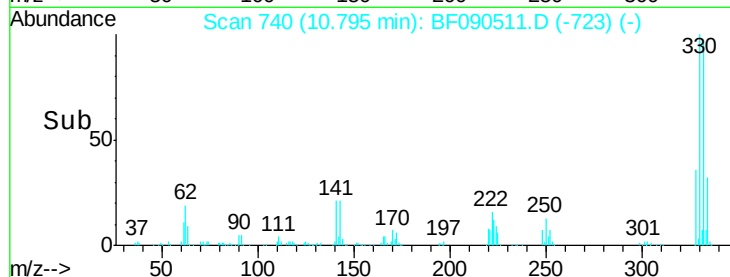
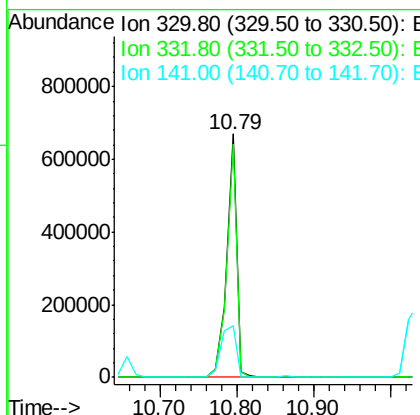
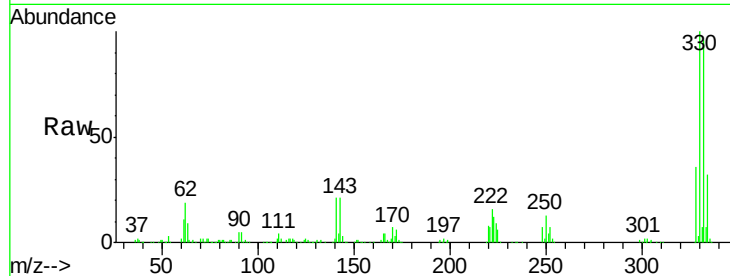
#41
 2,4,6-Tribromophenol
 Concen: 130.07 ng
 RT: 10.79 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampled :
 PB93820BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	622993		
332	96.3		75.4	113.0
141	32.5		26.9	40.3

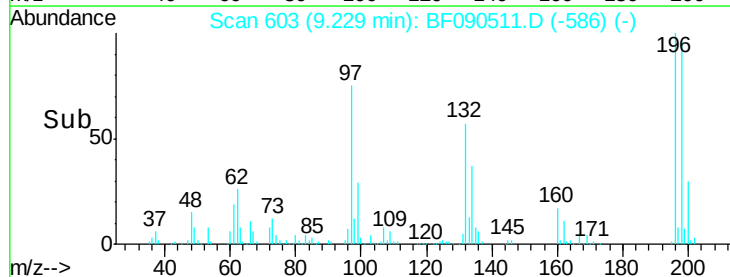
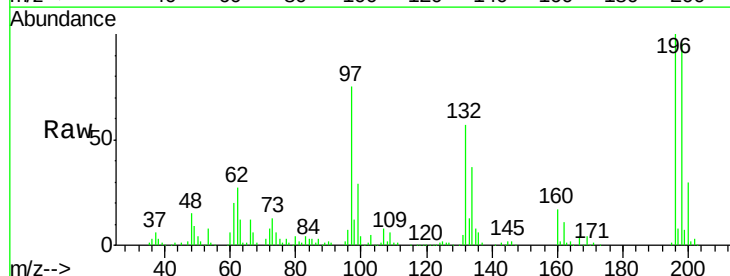
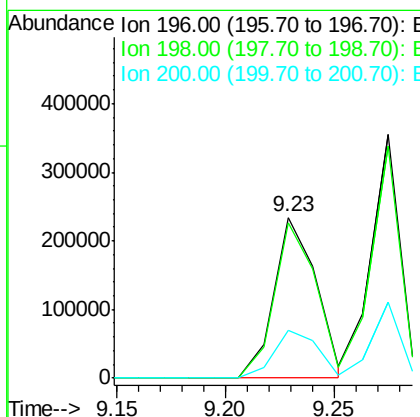
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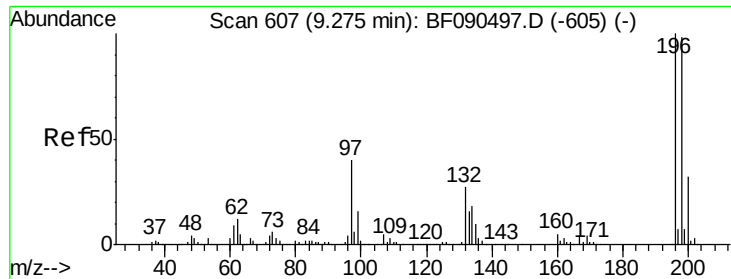
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#42
 2,4,6-Trichlorophenol
 Concen: 34.89 ng
 RT: 9.23 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	318234		
198	96.4		78.9	118.3
200	30.0		25.4	38.2





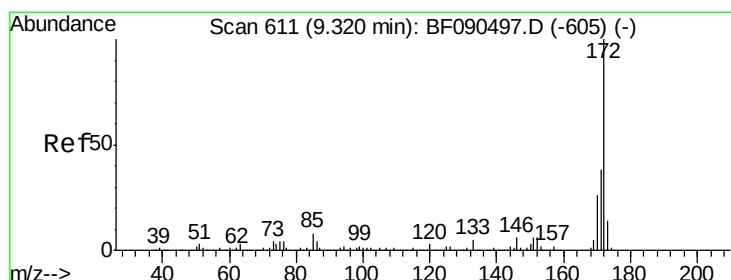
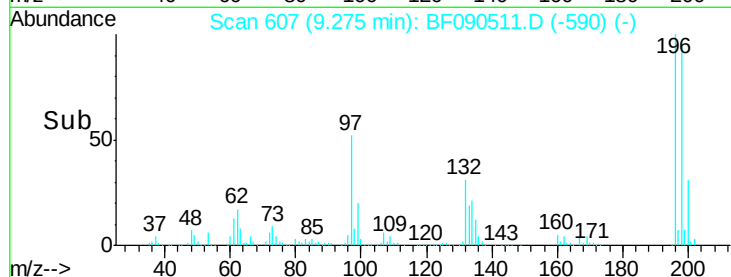
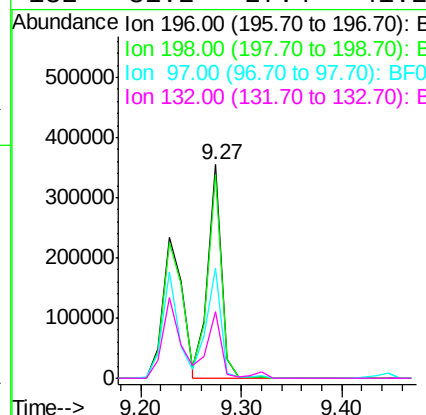
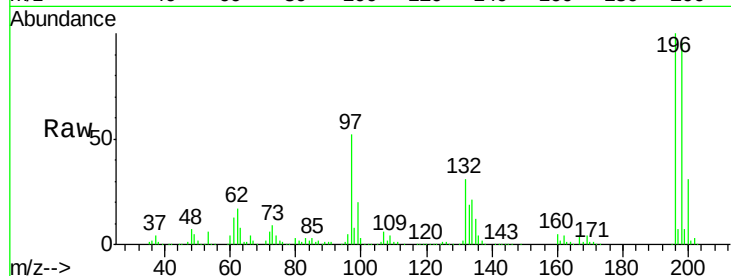
#43
 2,4,5-Trichlorophenol
 Concen: 37.21 ng
 RT: 9.27 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tot Ion	196	Resp	335863
Ion Ratio	Lower	Upper	
196	100		
198	95.5	78.1	117.1
97	51.8	48.1	72.1
132	31.2	27.4	41.2

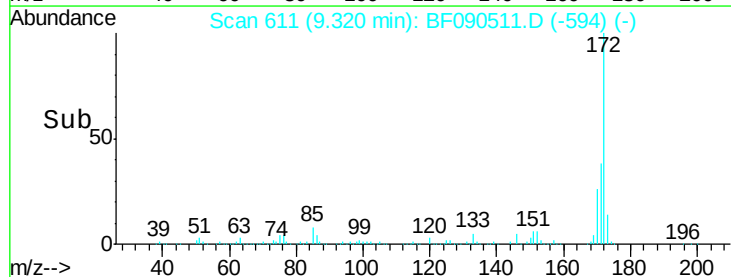
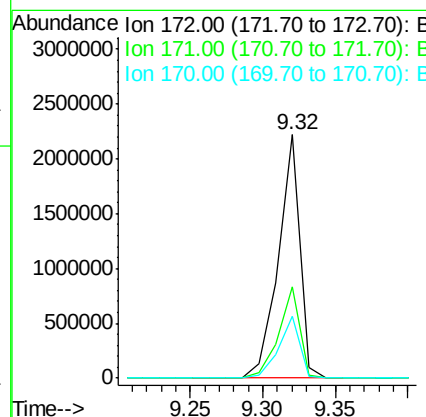
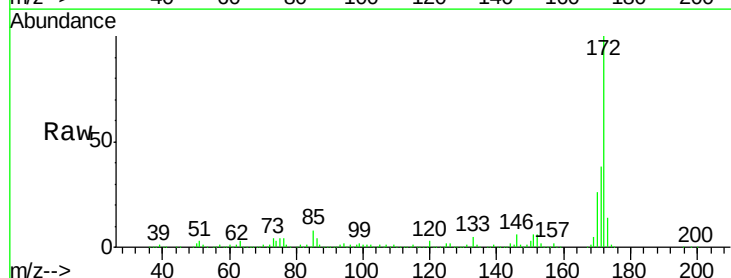
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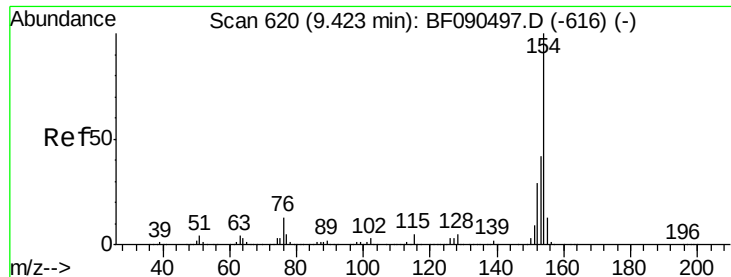
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#44
 2-Fluorobiphenyl
 Concen: 79.06 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion	172	Resp	2273178
Ion Ratio	Lower	Upper	
172	100		
171	37.6	31.8	47.8
170	25.6	21.7	32.5





#45

1,1'-Biphenyl

Concen: 36.86 ng

RT: 9.42 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

Tot Ion:154 Resp: 1360238

Ion Ratio Lower Upper

154 100

153 41.4 23.8 63.8

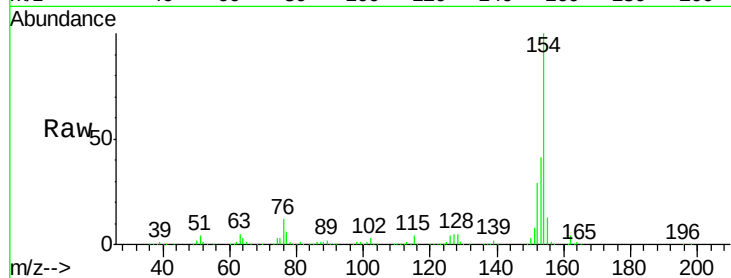
76 12.1 0.0 35.8

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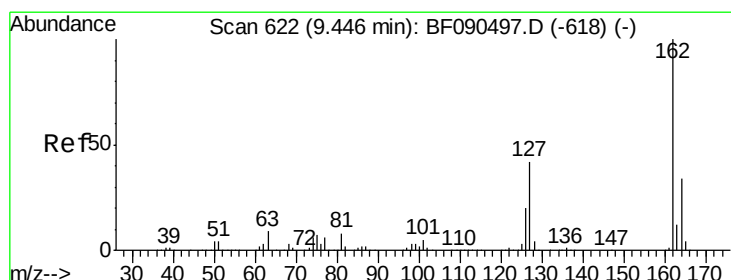
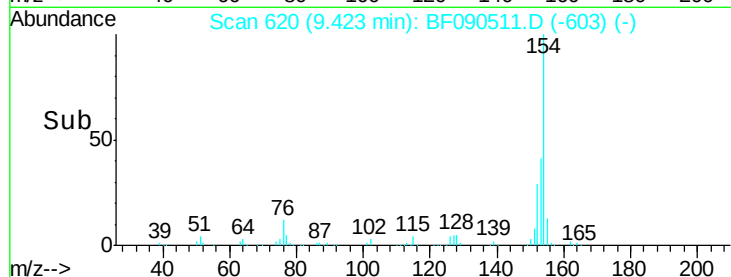
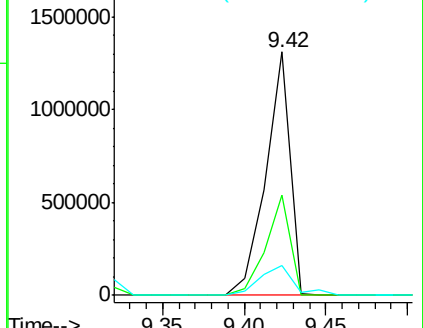
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.87 ng

RT: 9.45 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

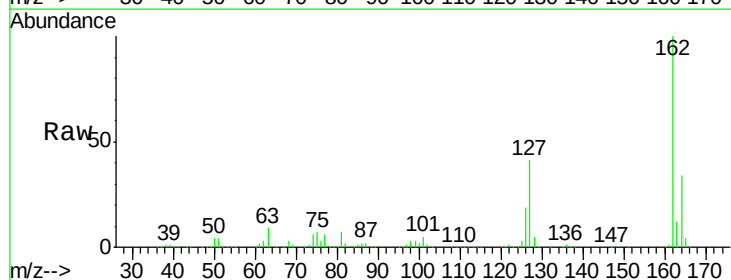
Tgt Ion:162 Resp: 1039732

Ion Ratio Lower Upper

162 100

127 41.2 35.6 53.4

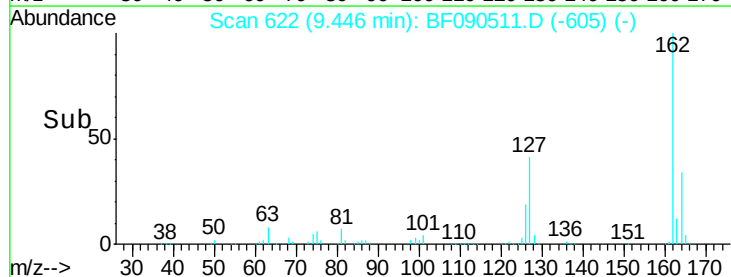
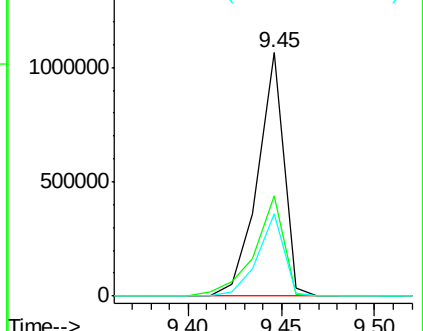
164 34.0 27.5 41.3

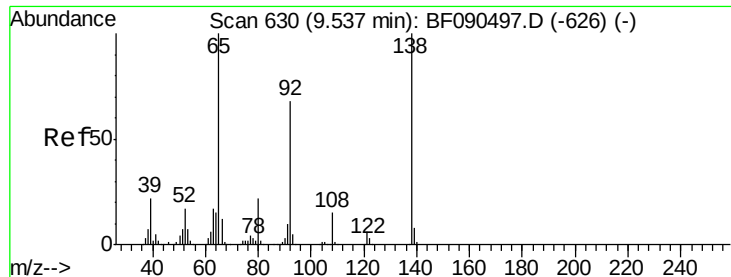


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.20 ng

RT: 9.54 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

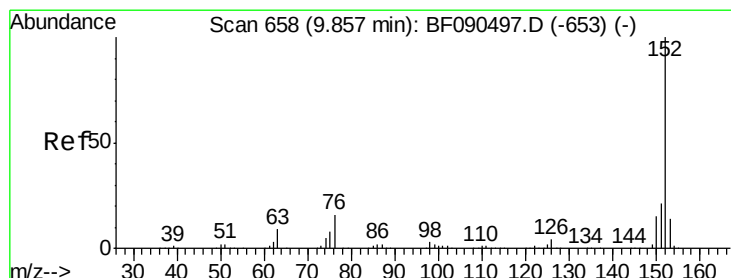
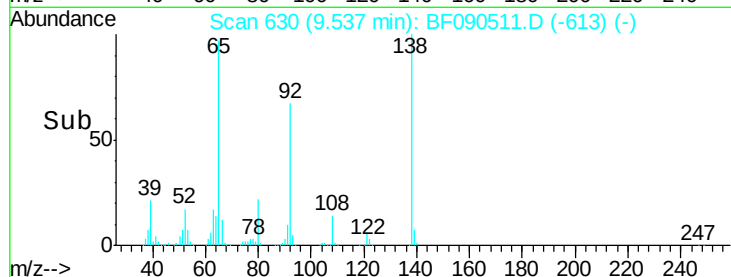
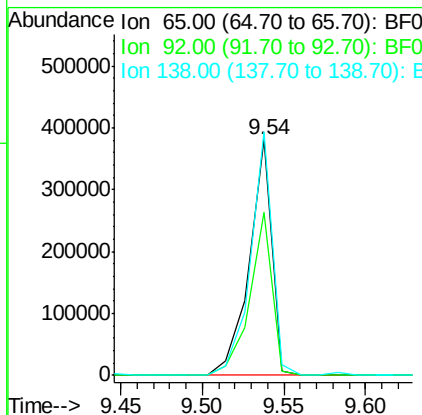
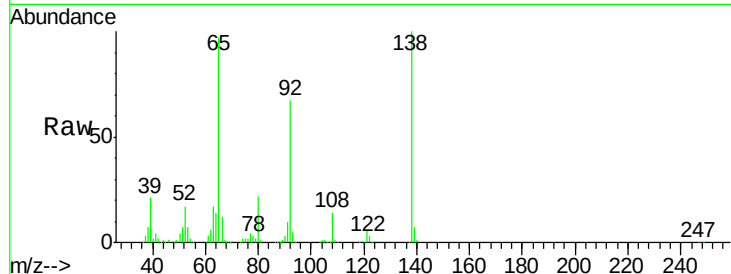
ClientSampleId :

PB93820BS

Tot Ion:	65	Resp:	364377
Ion	Ratio	Lower	Upper
65	100		
92	69.4	51.7	77.5
138	103.3	79.0	118.4

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#48

Acenaphthylene

Concen: 33.87 ng

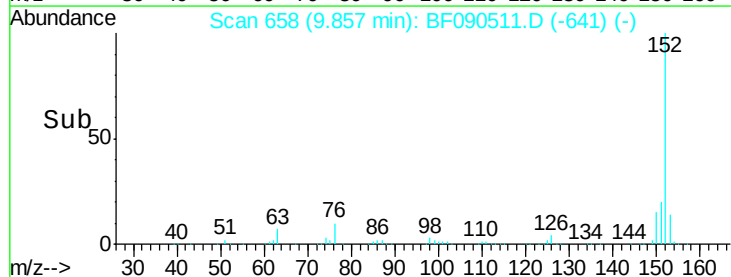
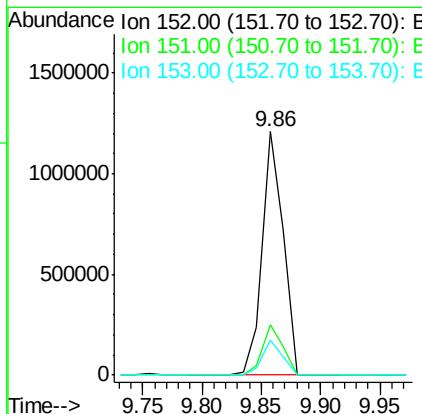
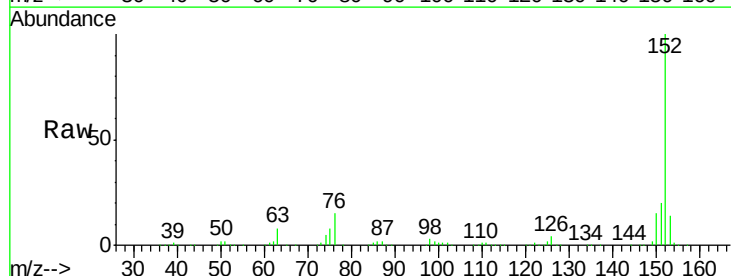
RT: 9.86 min Scan# 658

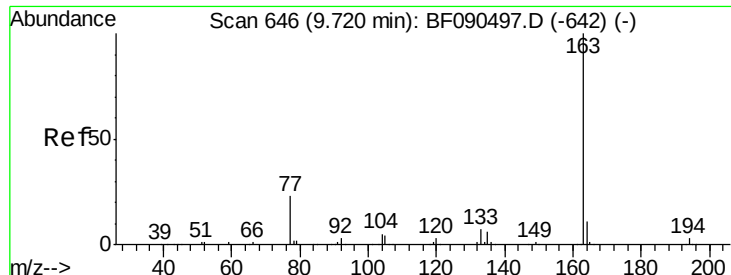
Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Tgt Ion:	152	Resp:	1500401
Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.4	26.0
153	14.2	11.6	17.4





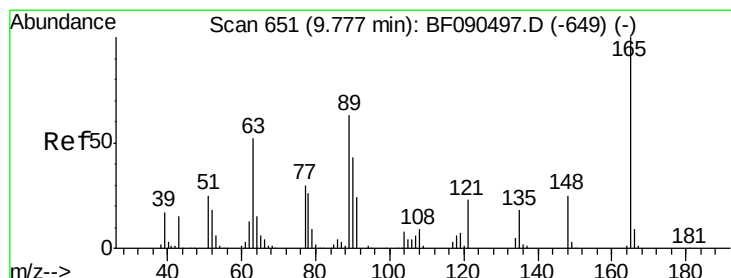
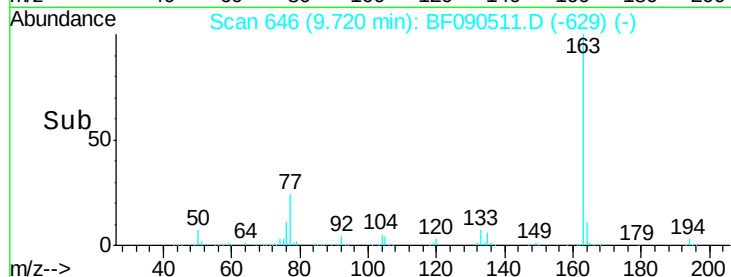
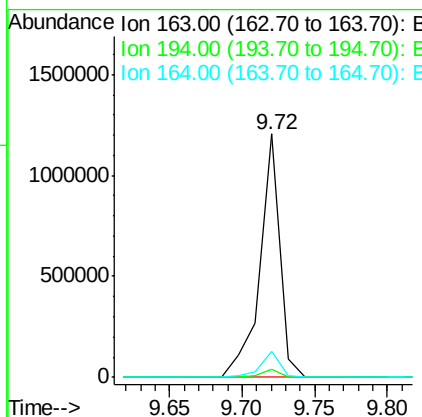
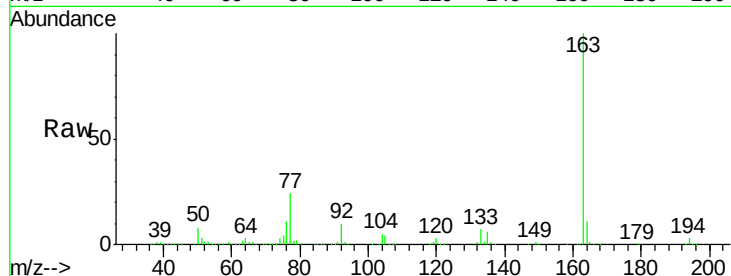
#49
Dimethylphthalate
Concen: 35.40 ng
RT: 9.72 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion:163 Resp: 1150411
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.8 9.0 13.4

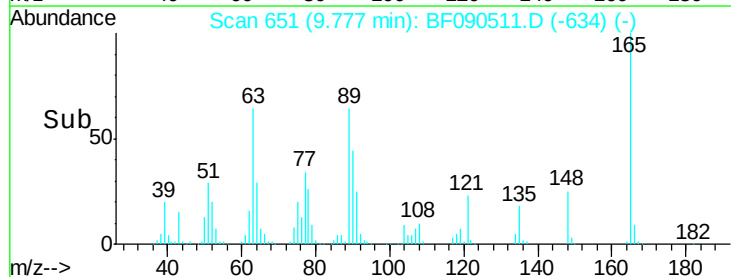
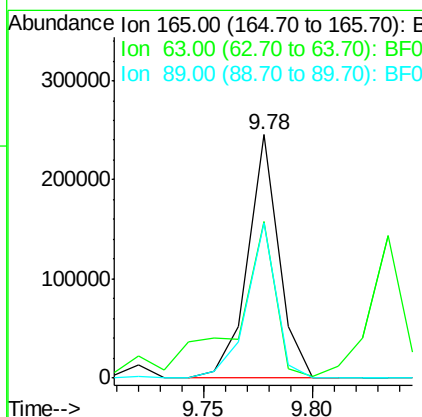
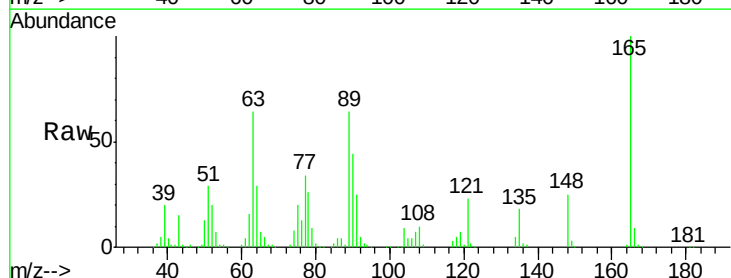
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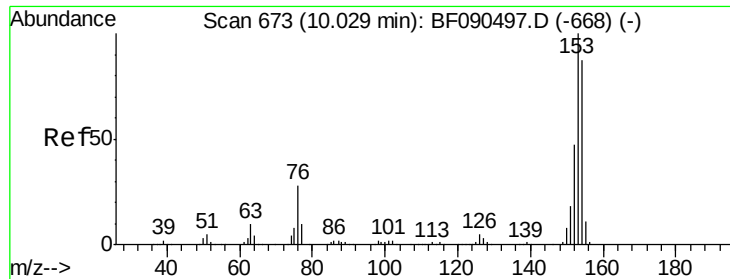
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#50
2,6-Dinitrotoluene
Concen: 34.16 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion:165 Resp: 245125
Ion Ratio Lower Upper
165 100
63 64.2 58.0 87.0
89 63.7 51.2 76.8





#51

Acenaphthene

Concen: 35.30 ng

RT: 10.03 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

Tot Ion:154 Resp: 1048084

Ion Ratio Lower Upper

154 100

153 113.1 88.6 133.0

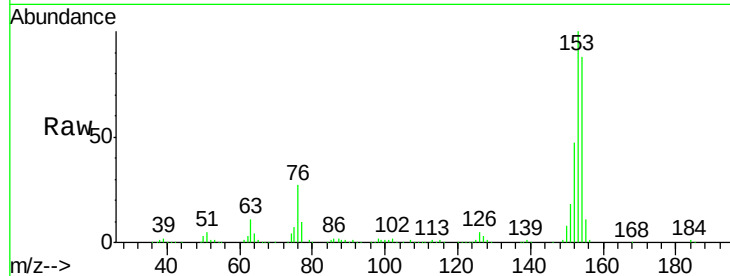
152 53.5 42.6 64.0

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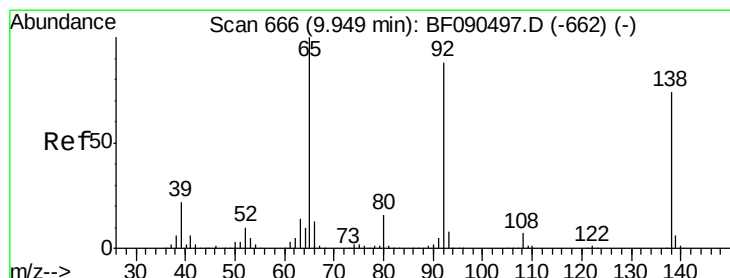
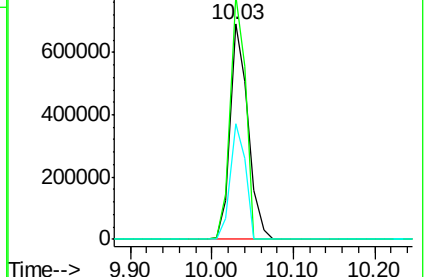
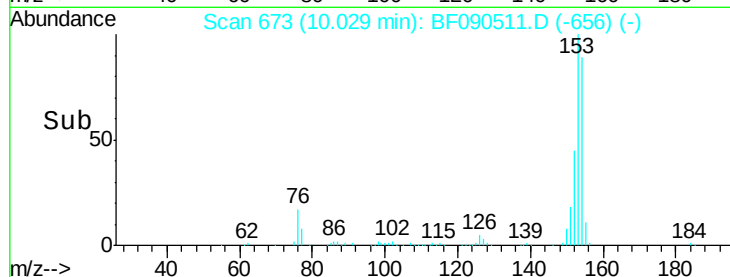
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.06 ng

RT: 9.95 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

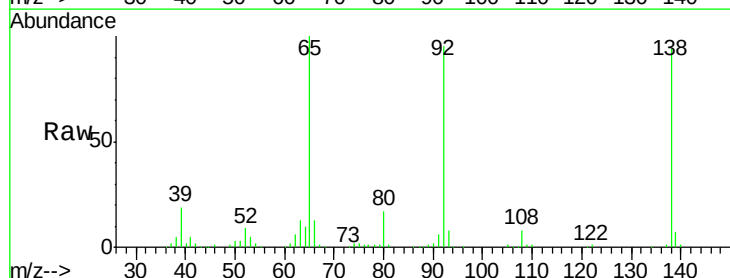
Tgt Ion:138 Resp: 160785

Ion Ratio Lower Upper

138 100

108 8.9 9.7 14.5#

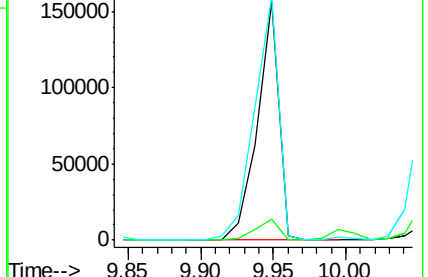
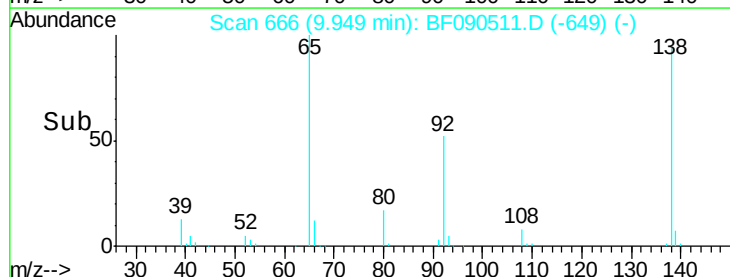
92 101.9 97.1 145.7

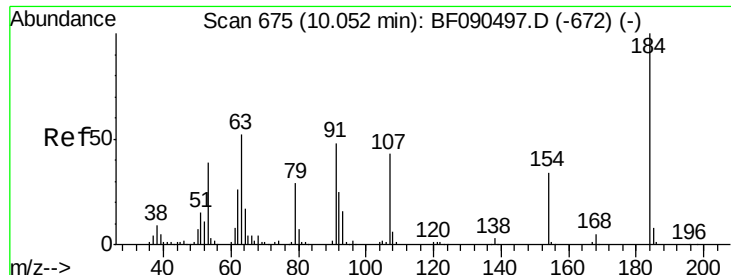


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





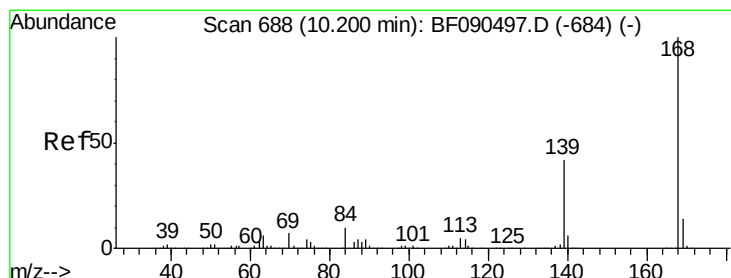
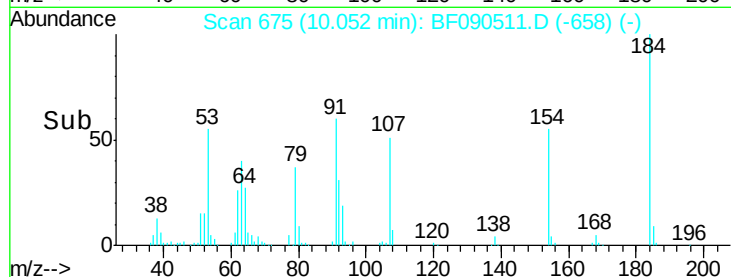
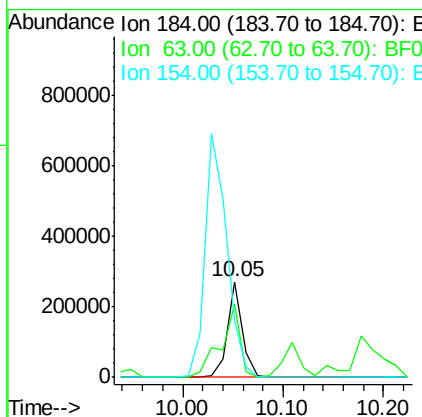
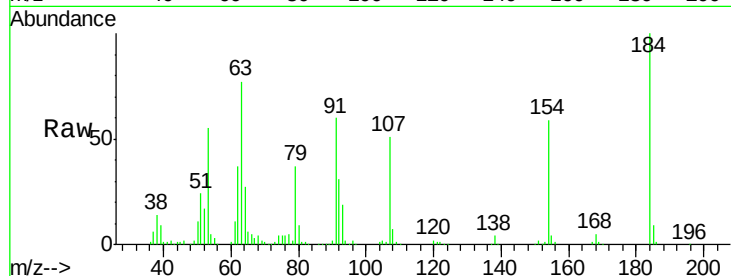
#53
2,4-Dinitrophenol
Concen: 70.85 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	282072		
63	76.9	41.9	62.9#	
154	58.7	48.9	73.3	

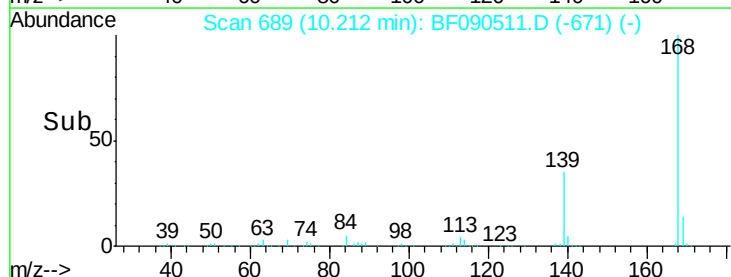
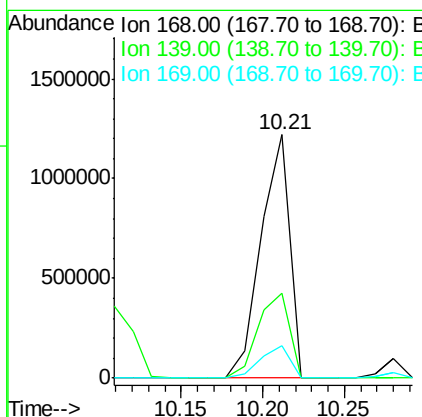
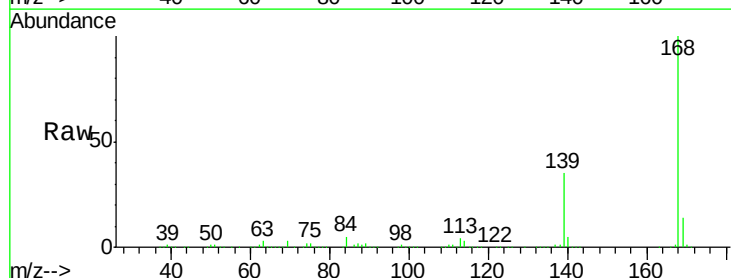
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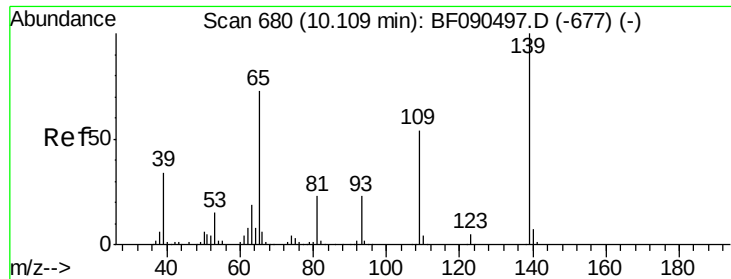
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#54
Dibenzofuran
Concen: 37.77 ng
RT: 10.21 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1492040		
139	35.0	29.6	44.4	
169	13.5	11.3	16.9	





#55

4-Nitrophenol

Concen: 73.33 ng

RT: 10.11 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

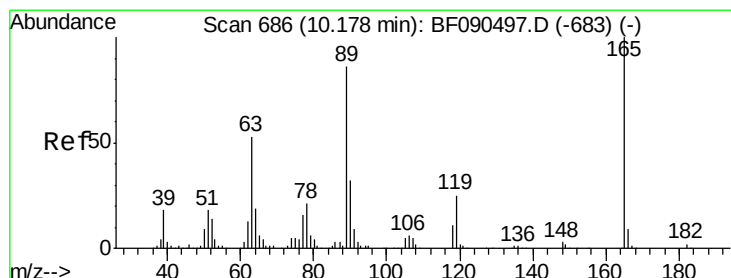
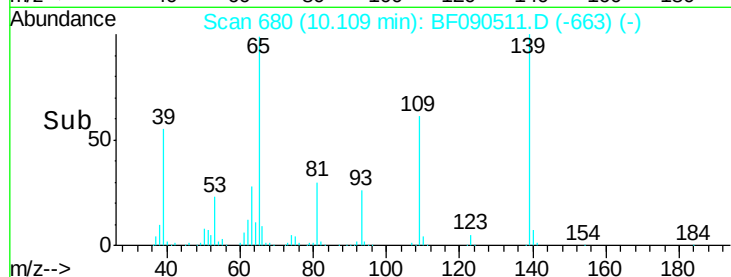
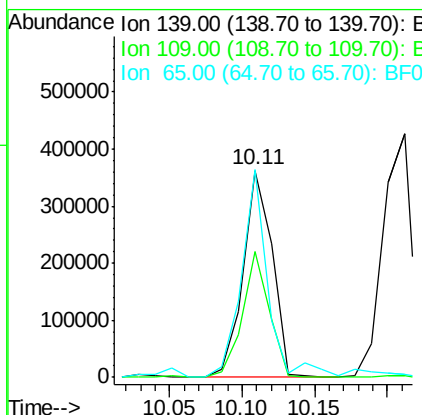
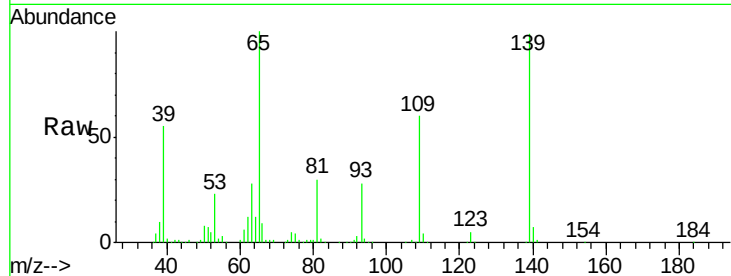
ClientSampleId :

PB93820BS

Tot Ion:	139	Resp:	507335
Ion Ratio	Lower	Upper	
139	100		
109	60.6	43.6	83.6
65	100.7	87.5	127.5

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#56

2,4-Dinitrotoluene

Concen: 41.43 ng

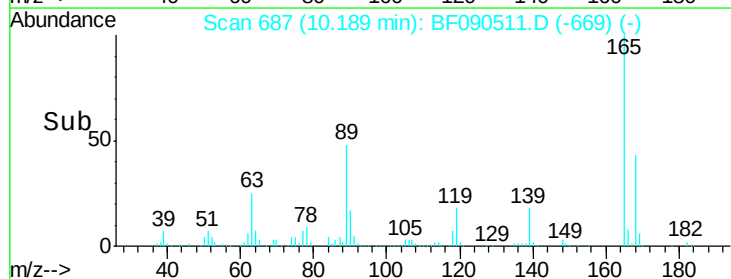
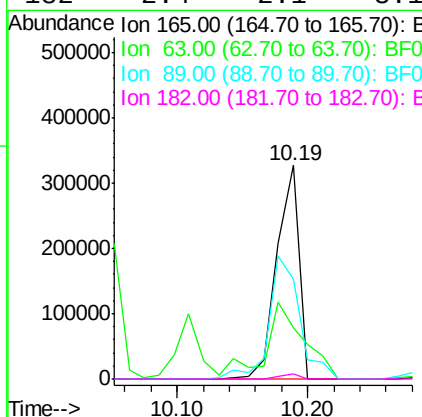
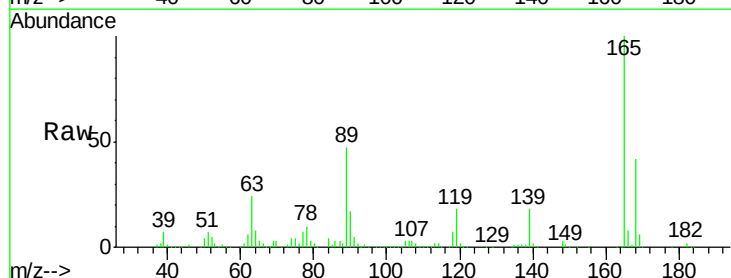
RT: 10.19 min Scan# 687

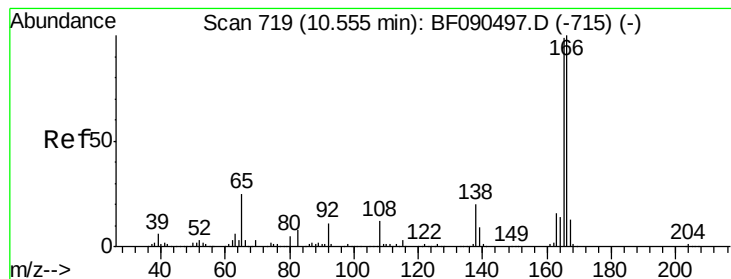
Delta R.T. 0.01 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Tgt Ion:	165	Resp:	393175
Ion Ratio	Lower	Upper	
165	100		
63	24.2	17.8	26.6
89	46.6	33.2	49.8
182	2.4	2.1	3.1





#57

Fluorene

Concen: 35.22 ng

RT: 10.55 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

Tot Ion:166 Resp: 1135810

Ion Ratio Lower Upper

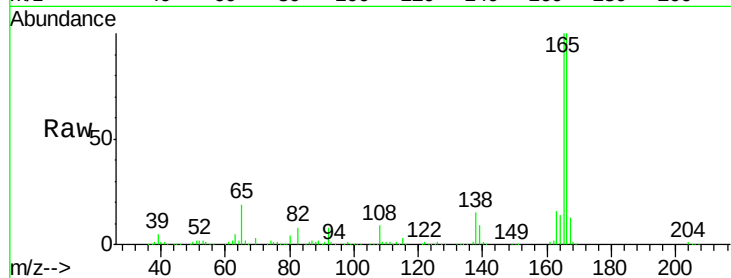
166 100

165 100.1 79.2 118.8

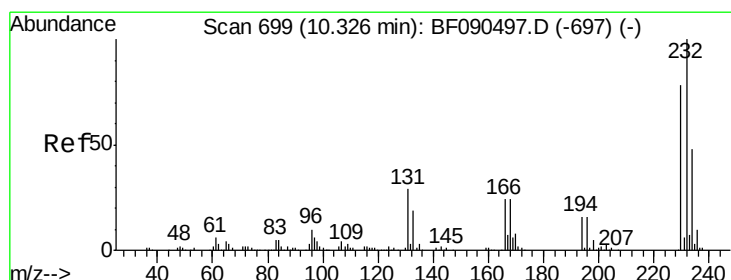
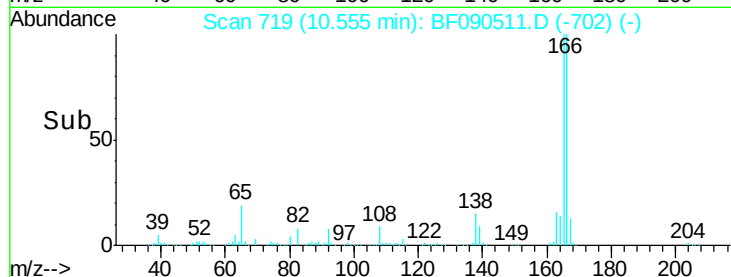
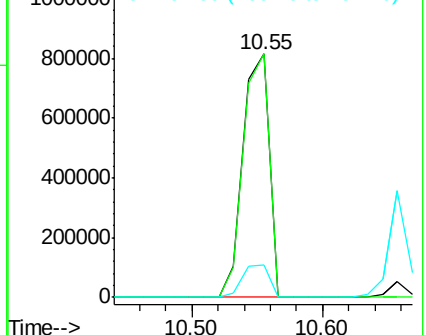
167 13.1 11.1 16.7

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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: 41.24 ng

RT: 10.33 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Tgt Ion:232 Resp: 310482

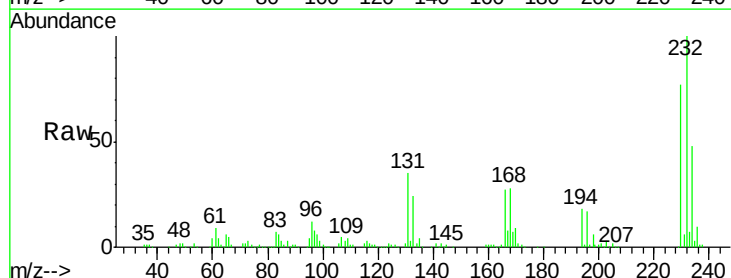
Ion Ratio Lower Upper

232 100

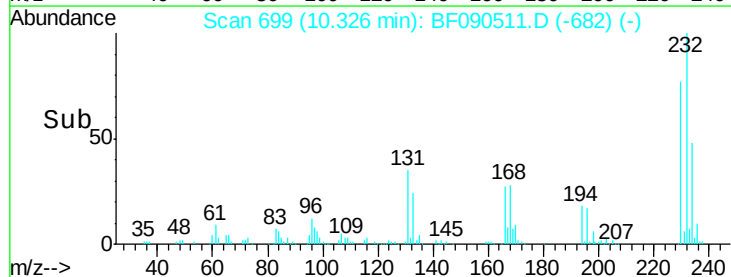
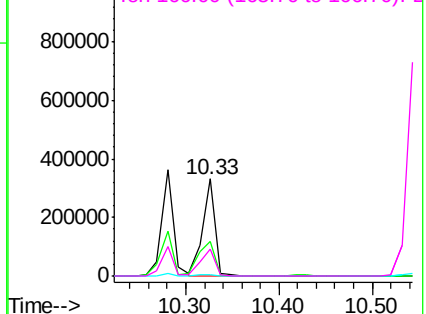
131 46.3 34.5 51.7

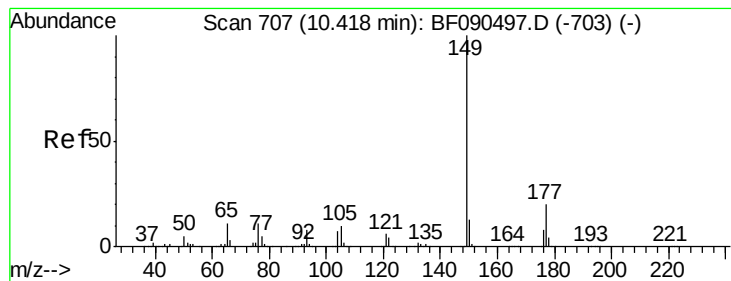
130 2.0 1.6 2.4

166 31.4 23.8 35.8



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: 37.27 ng

RT: 10.42 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

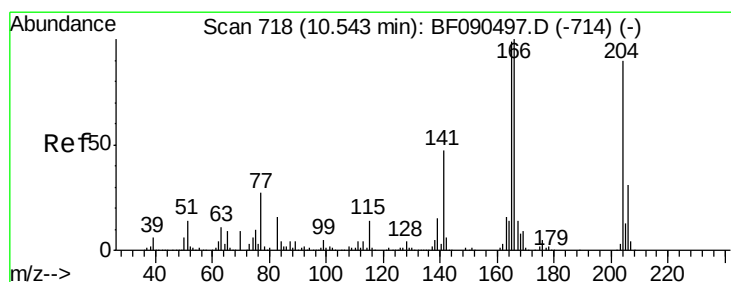
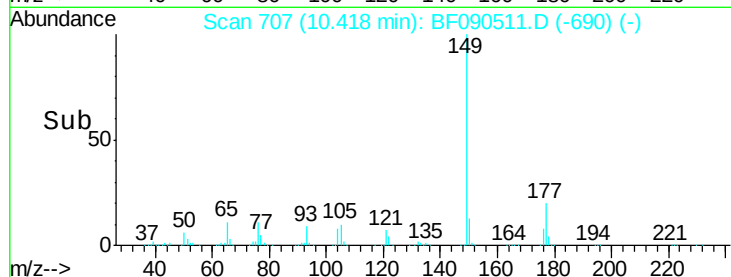
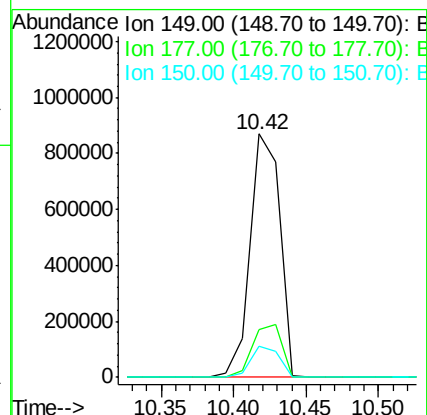
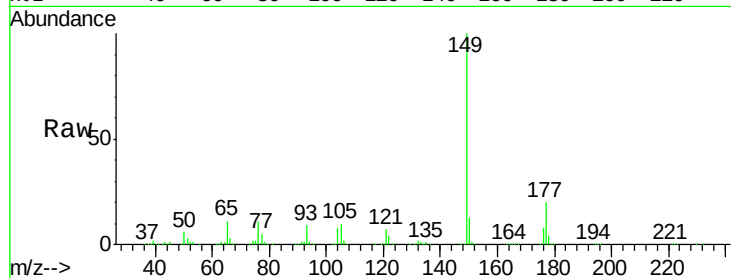
PB93820BS

Tot Ion:149 Resp: 1231828

Ion	Ratio	Lower	Upper
149	100		
177	19.6	21.1	31.7#
150	12.8	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 40.87 ng

RT: 10.54 min Scan# 718

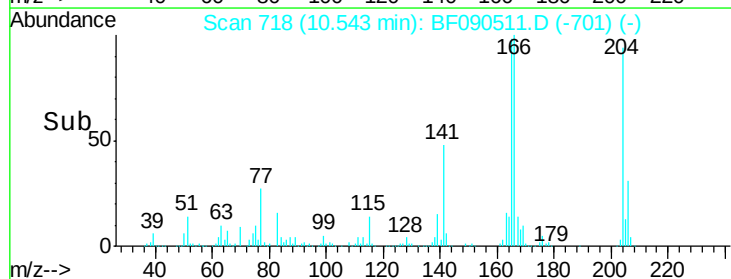
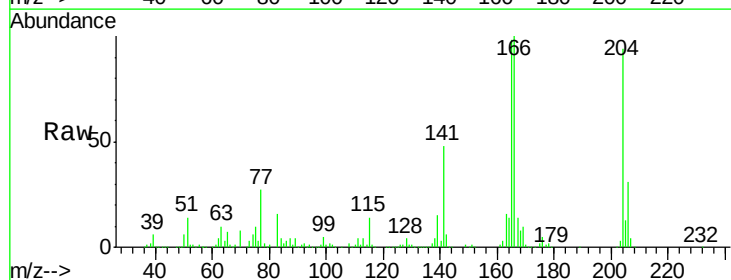
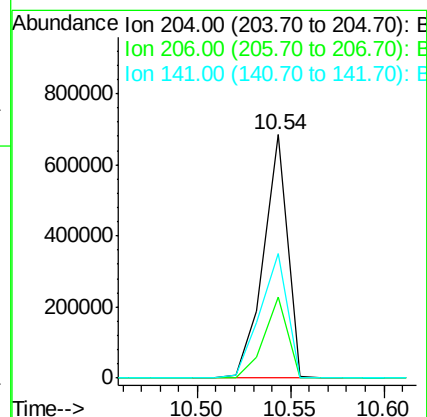
Delta R.T. -0.00 min

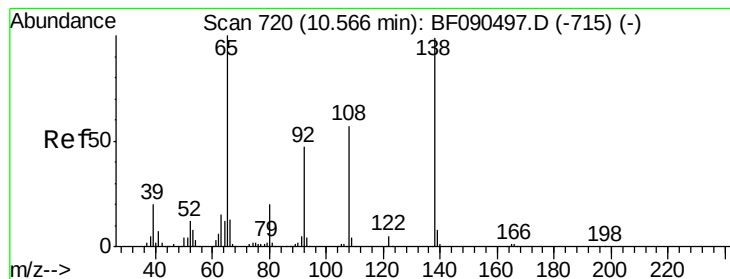
Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Tgt Ion:204 Resp: 608176

Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.7	40.1
141	51.0	51.7	77.5#





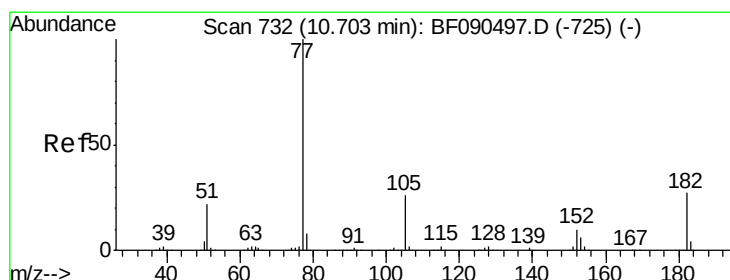
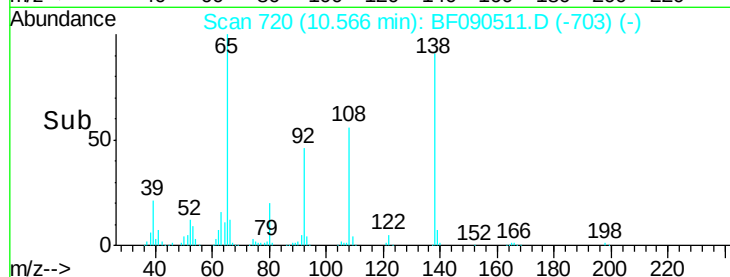
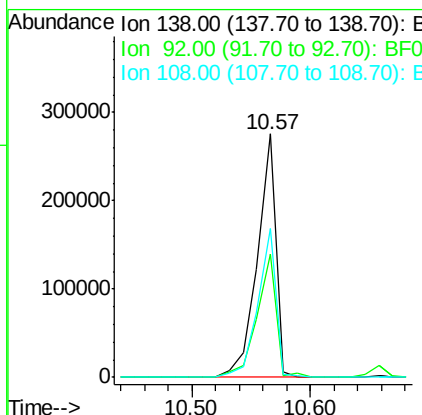
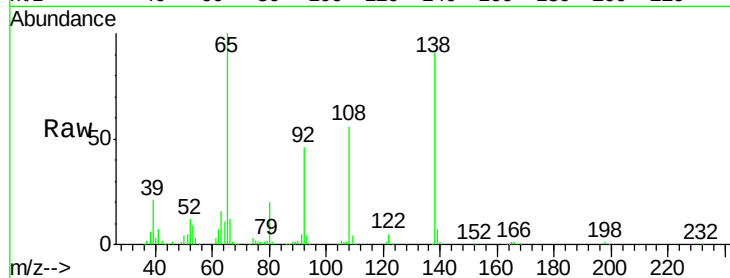
#61
4-Nitroaniline
Concen: 33.37 ng
RT: 10.57 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.5	33.2	73.2
108	61.3	48.5	88.5

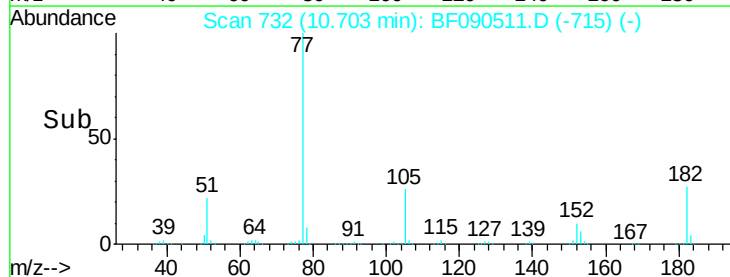
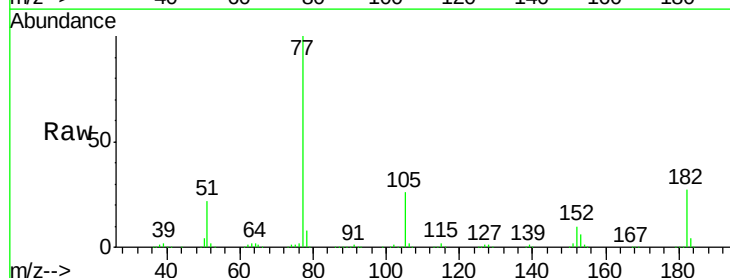
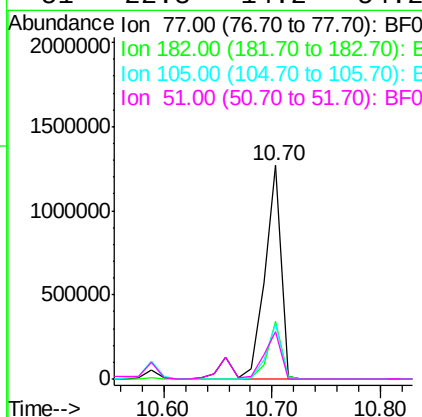
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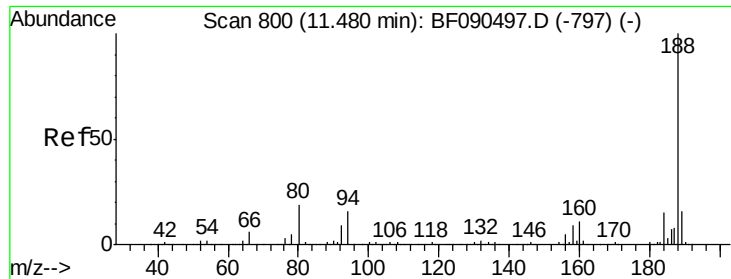
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#62
Azobenzene
Concen: 39.89 ng
RT: 10.70 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.7	3.2	43.2
105	25.6	2.9	42.9
51	22.3	14.2	54.2





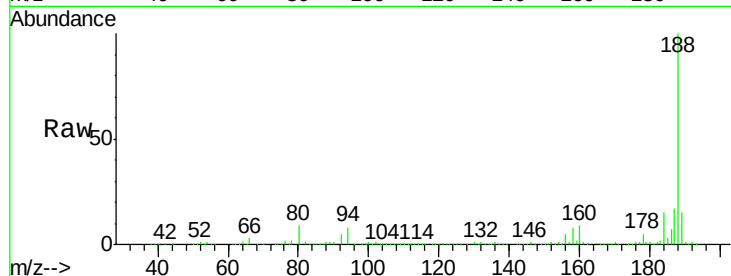
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.2	8.2	12.2
80	8.6	8.8	13.2#

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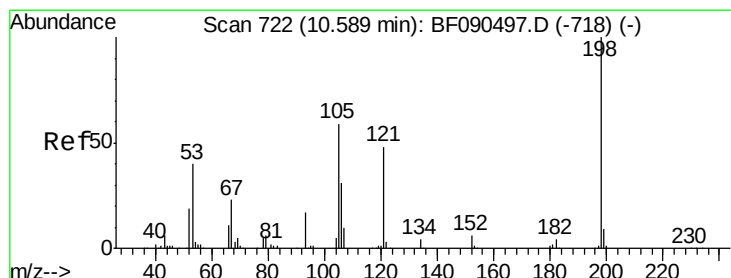
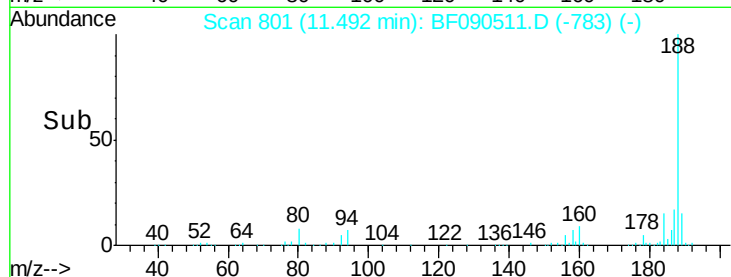
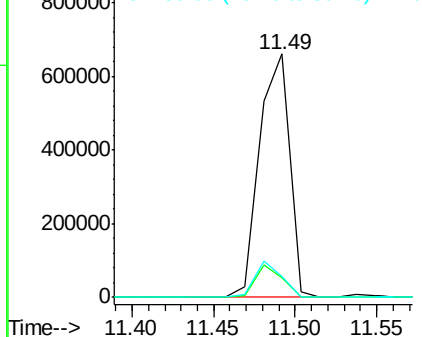
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Abundance Ion 188.00 (187.70 to 188.70): E

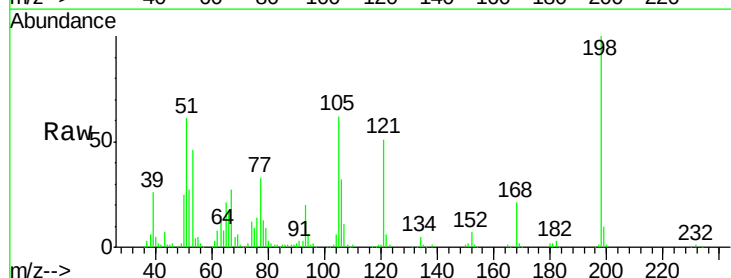
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 32.05 ng
RT: 10.59 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

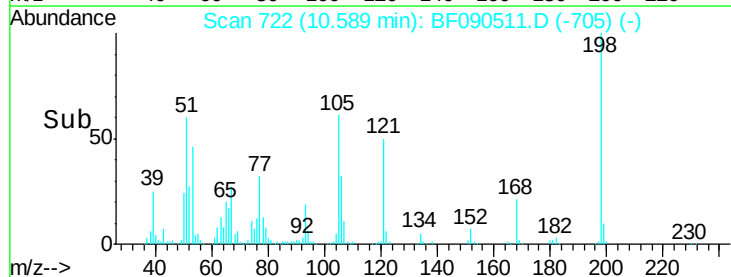
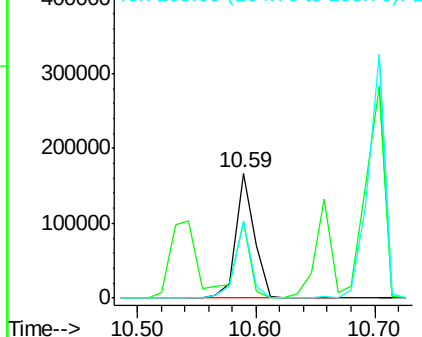
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	60.6	67.3	107.3#
105	61.9	42.6	82.6

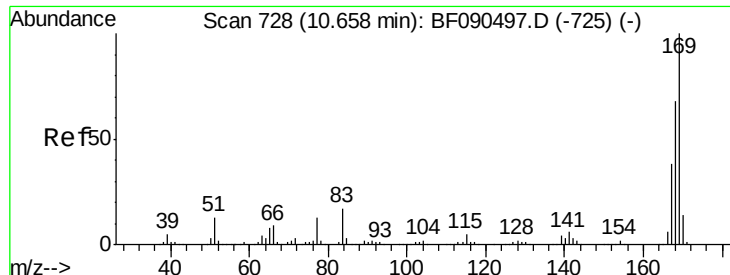


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 33.65 ng

RT: 10.66 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

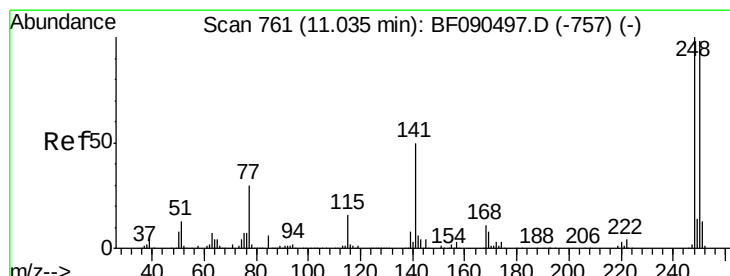
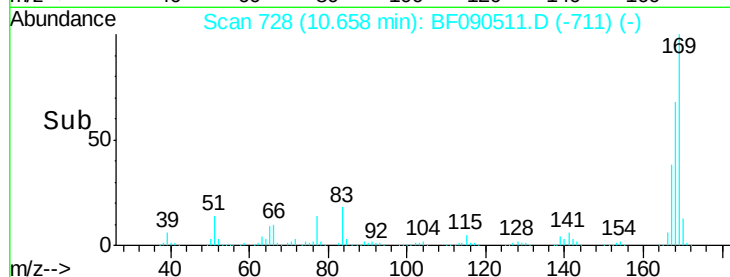
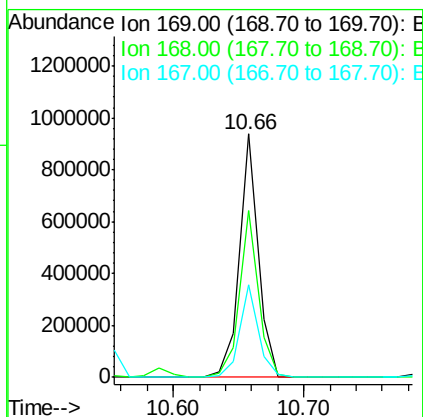
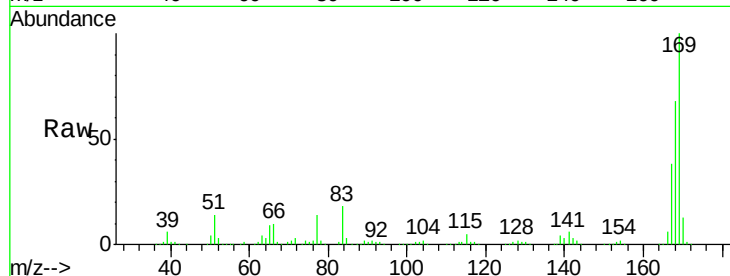
ClientSampleId :

PB93820BS

Tot Ion:	169	Resp:	931509
Ion Ratio	Lower	Upper	
169	100		
168	68.5	53.8	80.6
167	37.9	29.8	44.8

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#66

4-Bromophenyl-phenylether

Concen: 38.63 ng

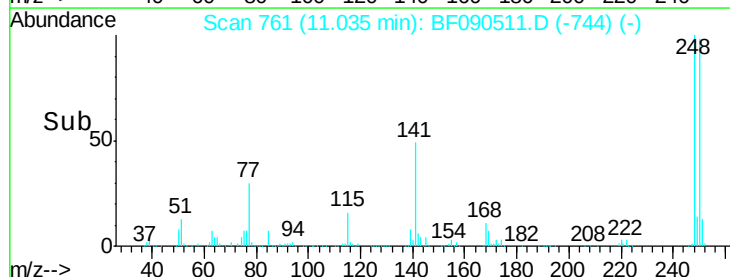
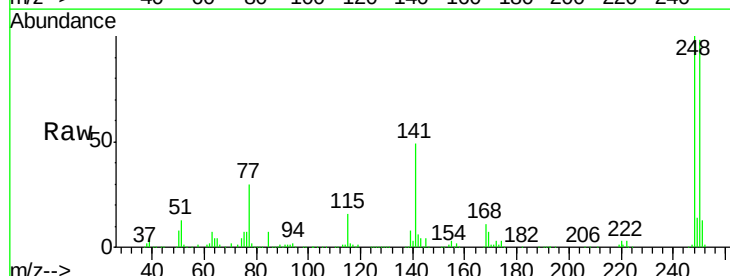
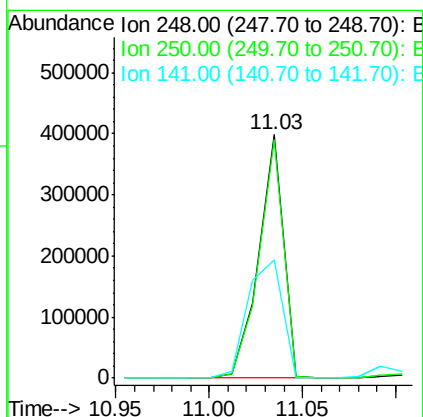
RT: 11.03 min Scan# 761

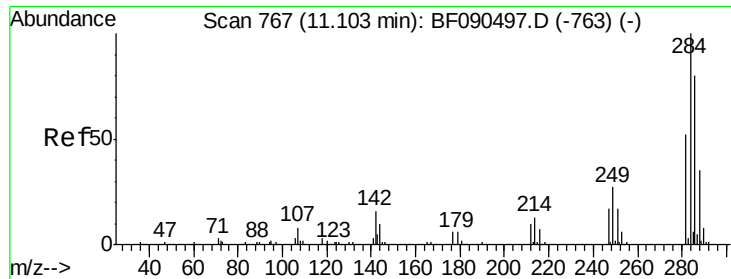
Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Tgt Ion:	248	Resp:	364354
Ion Ratio	Lower	Upper	
248	100		
250	98.0	76.5	114.7
141	48.6	59.8	89.6#





#67

Hexachlorobenzene

Concen: 36.39 ng

RT: 11.10 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

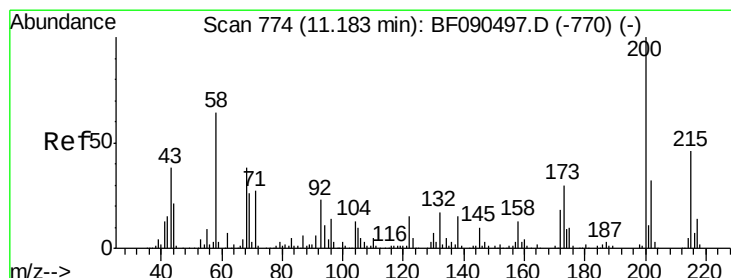
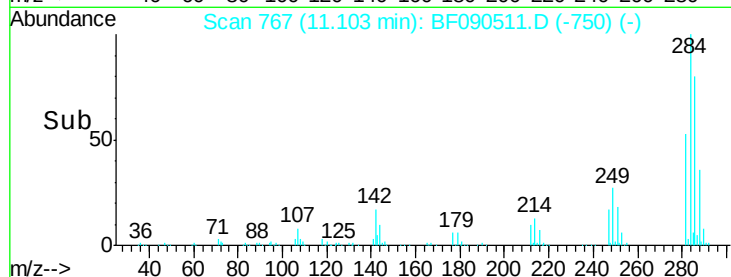
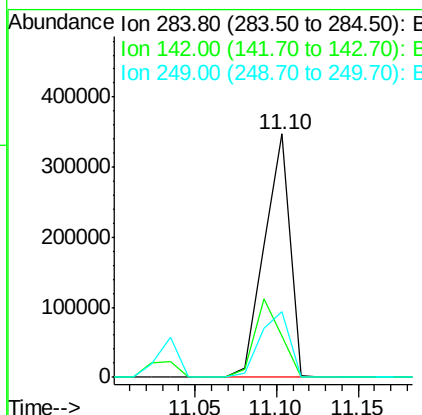
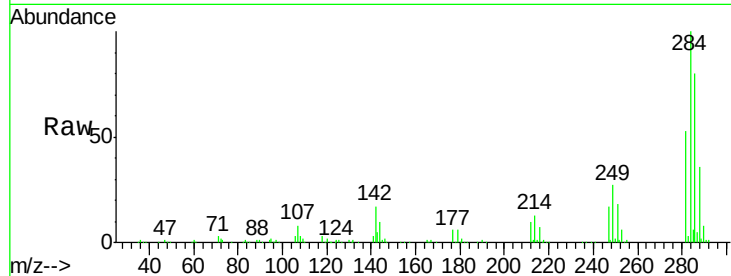
ClientSampleId :

PB93820BS

Tot Ion:	284	Resp:	379190
Ion Ratio	Lower	Upper	
284	100		
142	17.0	23.1	34.7#
249	27.1	26.3	39.5

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#68

Atrazine

Concen: 33.94 ng

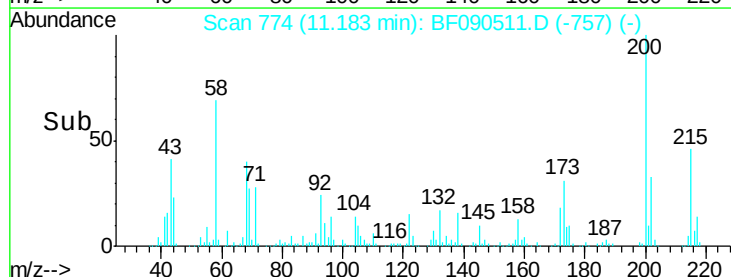
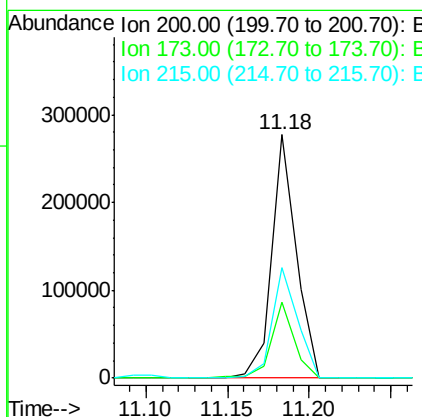
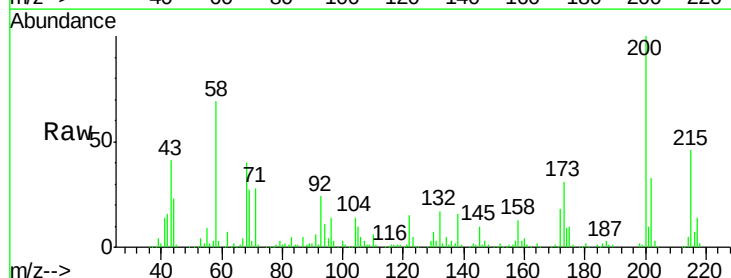
RT: 11.18 min Scan# 774

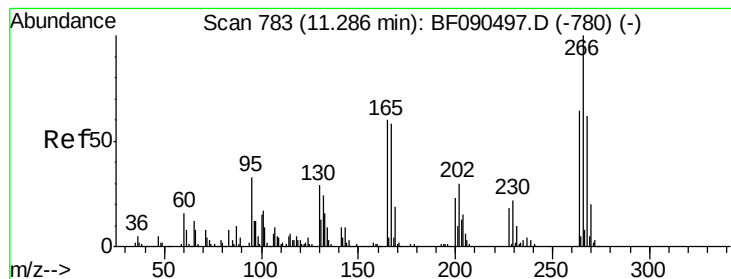
Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Tgt Ion:	200	Resp:	290718
Ion Ratio	Lower	Upper	
200	100		
173	31.1	9.0	49.0
215	45.5	24.8	64.8





#69

Pentachlorophenol

Concen: 78.06 ng

RT: 11.30 min Scan# 784

Delta R.T. 0.01 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

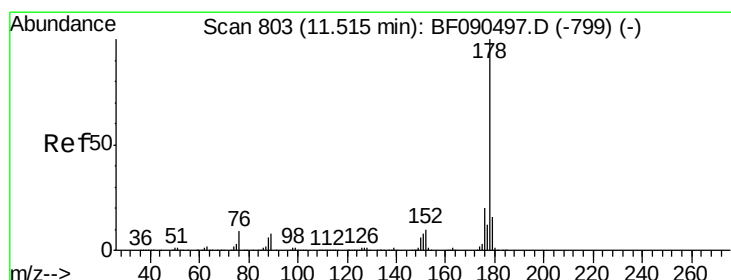
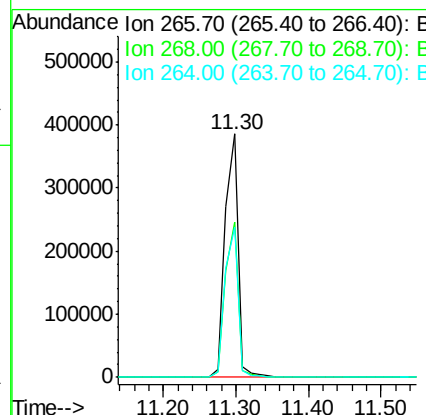
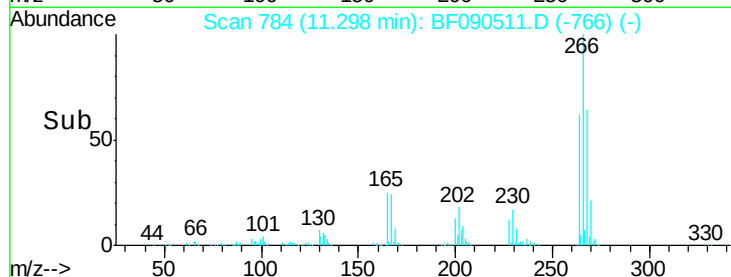
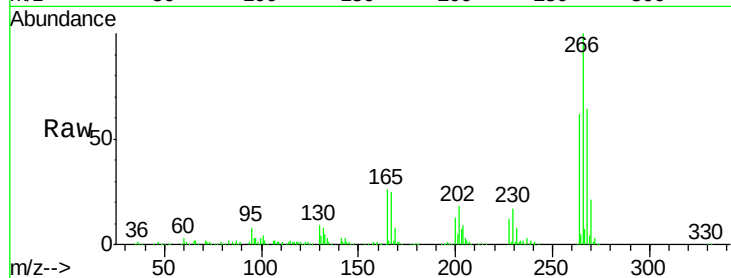
ClientSampleId :

PB93820BS

Tot Ion:	266	Resp:	484010
Ion Ratio		Lower	Upper
266	100		
268	63.9	50.9	76.3
264	61.9	51.5	77.3

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#70

Phenanthrene

Concen: 38.19 ng

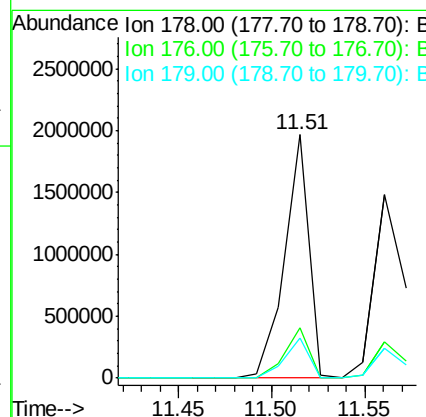
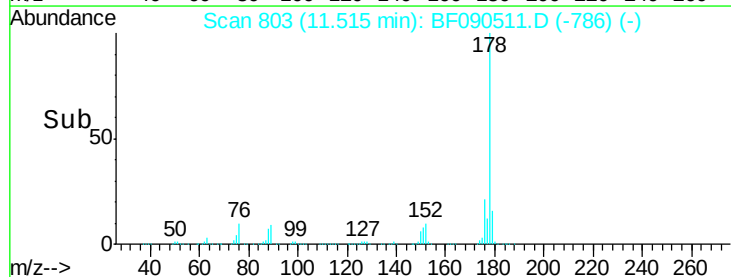
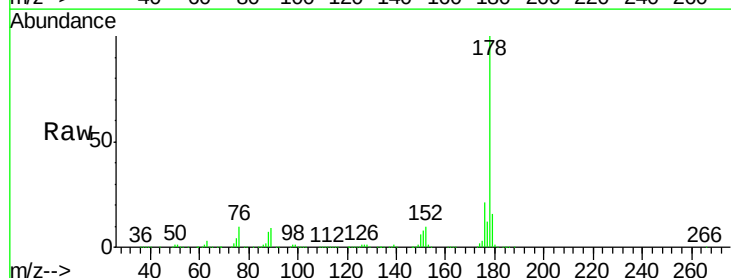
RT: 11.51 min Scan# 803

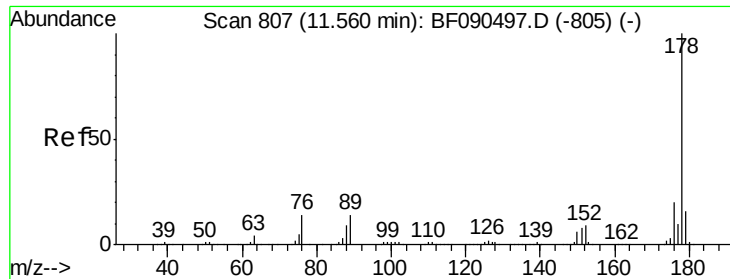
Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Tgt Ion:	178	Resp:	1791866
Ion Ratio		Lower	Upper
178	100		
176	20.7	17.3	25.9
179	16.4	13.8	20.6





#71
 Anthracene
 Concen: 33.76 ng
 RT: 11.56 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

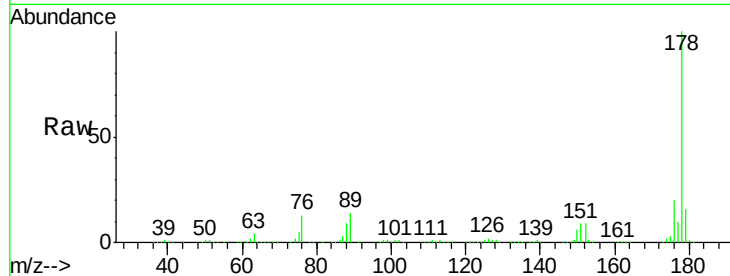
Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tot Ion:178 Resp: 1604490

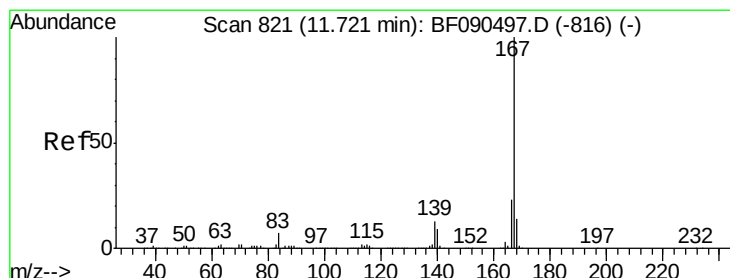
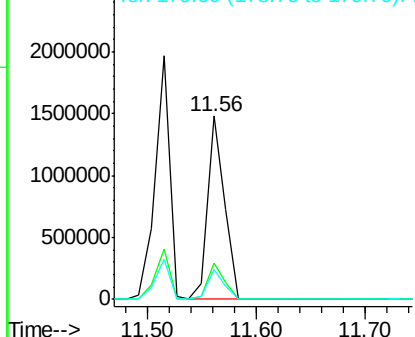
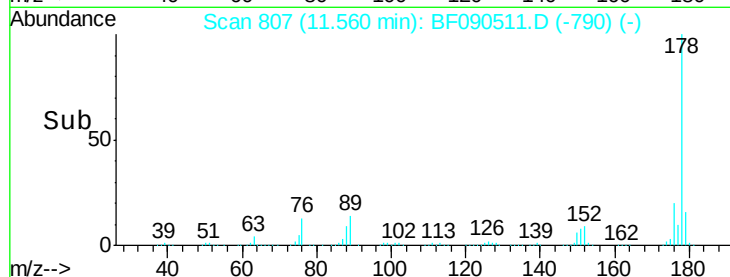
Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.8	25.2
179	16.3	13.4	20.2

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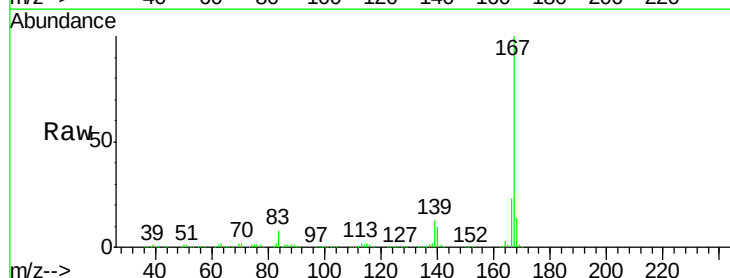
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



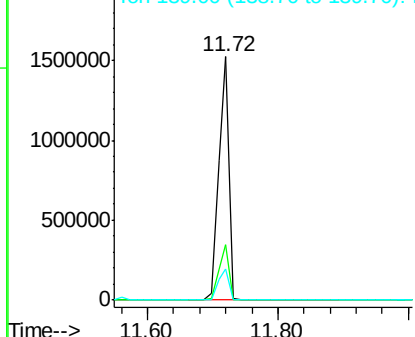
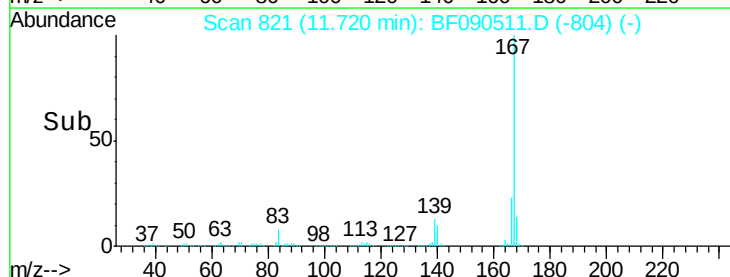
#72
 Carbazole
 Concen: 37.60 ng
 RT: 11.72 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

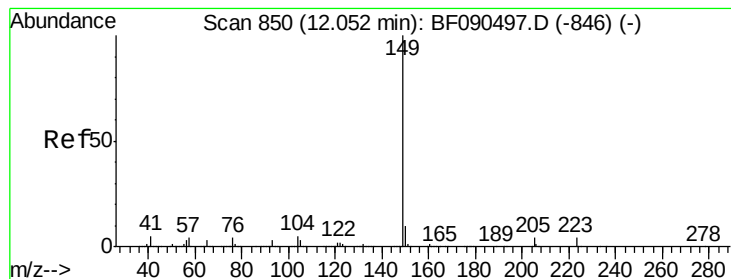
Tgt Ion:167 Resp: 1687645

Ion	Ratio	Lower	Upper
167	100		
166	22.8	19.1	28.7
139	13.0	12.1	18.1



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.53 ng

RT: 12.05 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

ClientSampleId :

PB93820BS

Tot Ion:149 Resp: 2082782

Ion Ratio Lower Upper

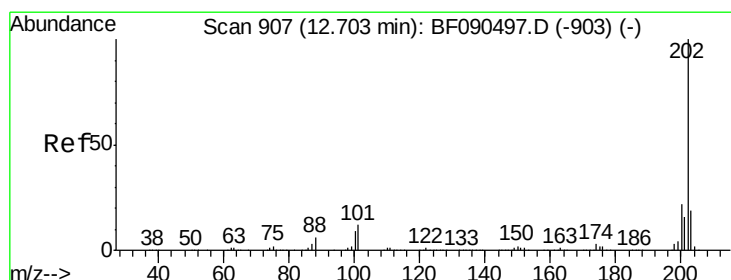
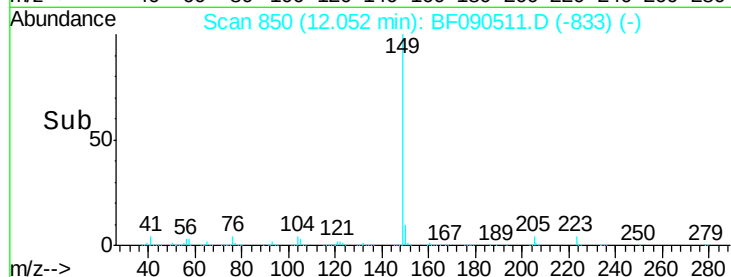
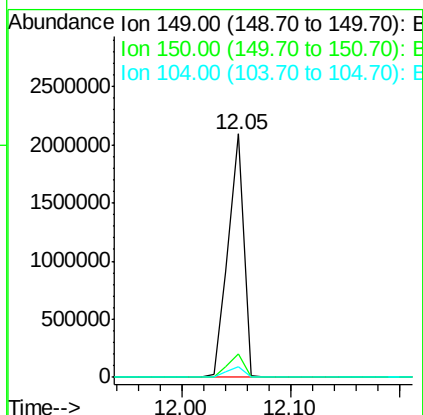
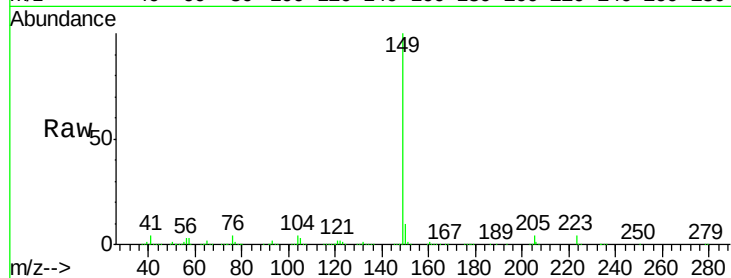
149 100

150 9.7 8.6 12.8

104 4.3 4.7 7.1#

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#74

Fluoranthene

Concen: 39.19 ng

RT: 12.70 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

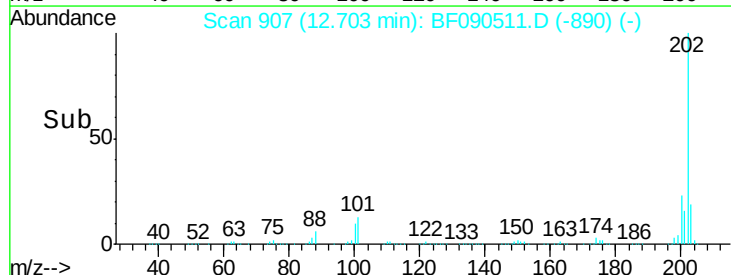
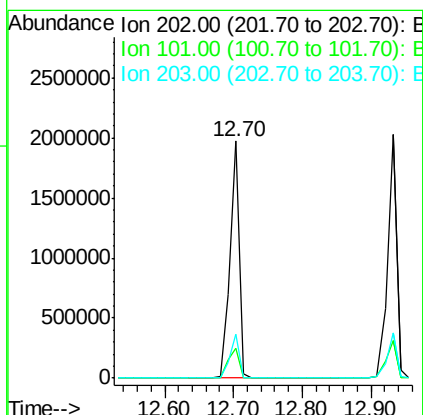
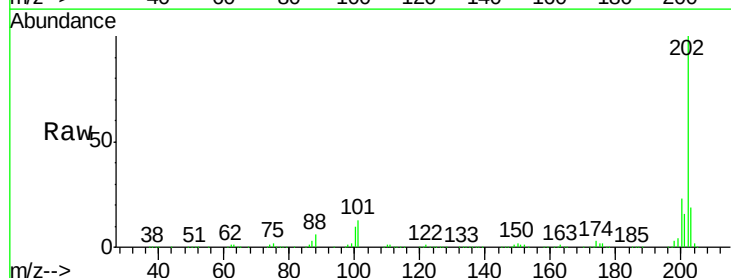
Tgt Ion:202 Resp: 1876725

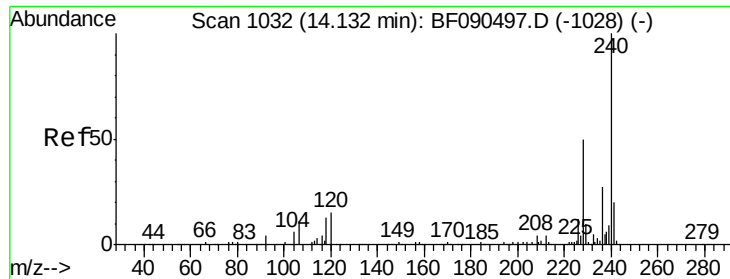
Ion Ratio Lower Upper

202 100

101 12.5 0.0 37.2

203 18.6 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

Instrument :

BNA_F

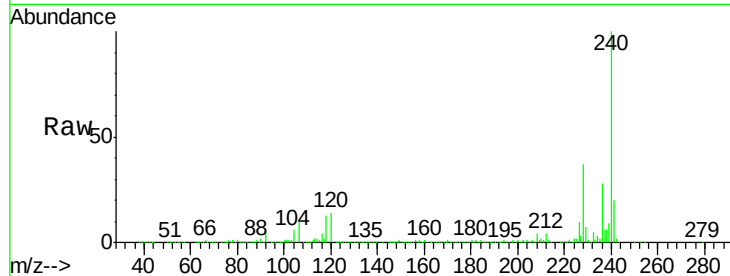
ClientSampled :

PB93820BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	8.6	13.0#
236	27.6	21.6	32.4

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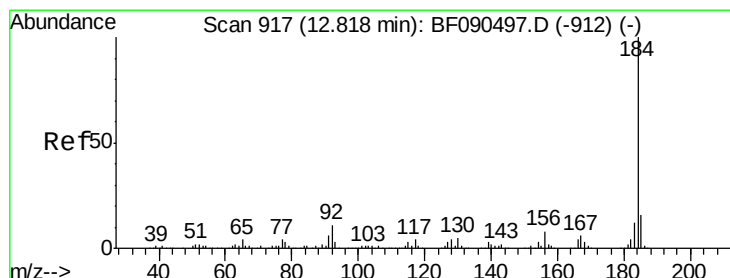
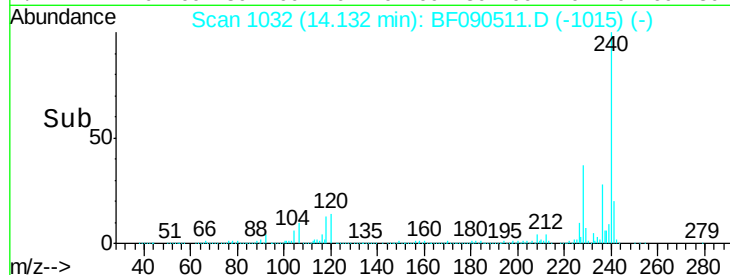
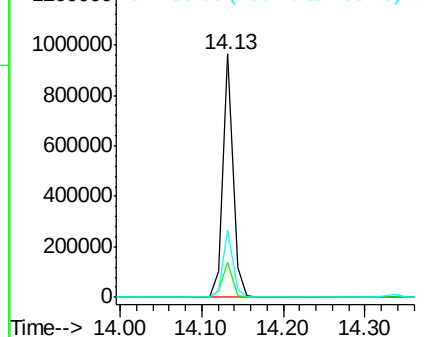
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 17.68 ng

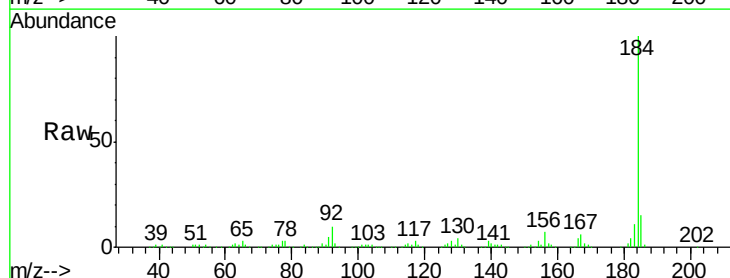
RT: 12.82 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF090511.D

Acq: 11 Oct 2016 19:30

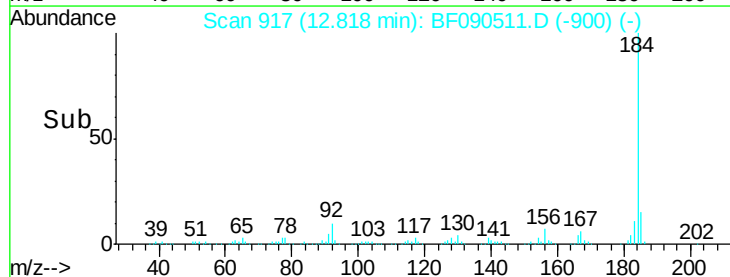
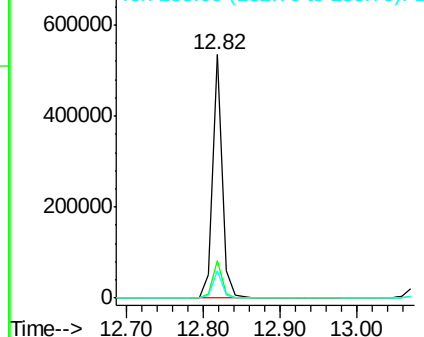
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.8	17.8
183	11.5	9.6	14.4

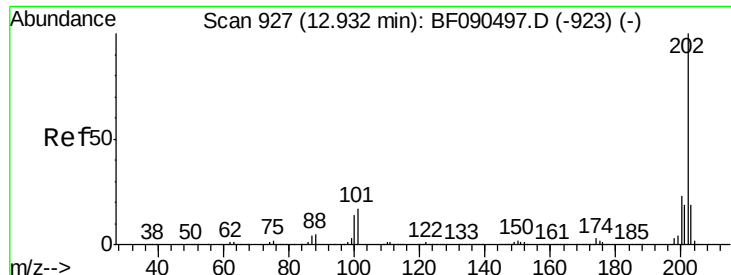


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





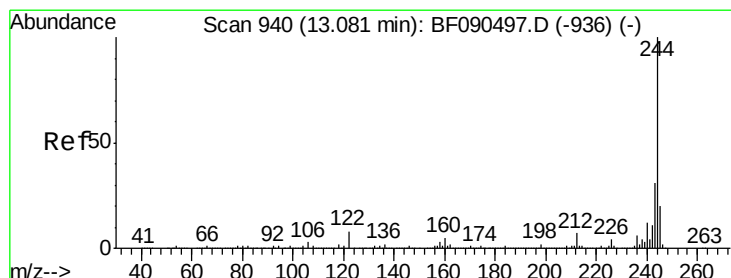
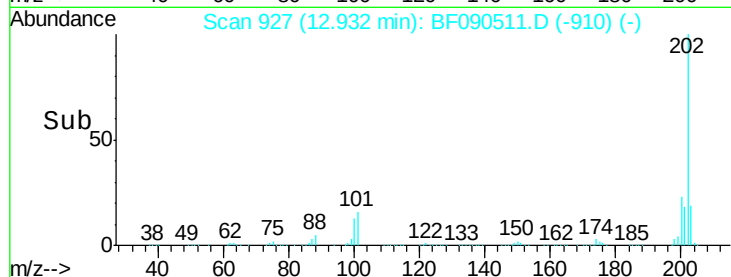
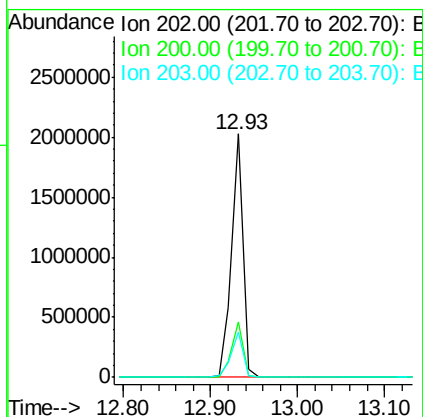
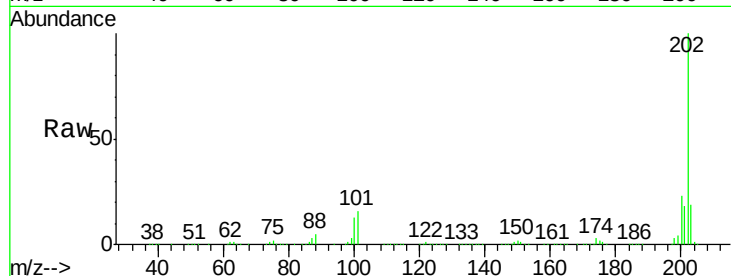
#77
Pvrene
Concen: 35.95 ng
RT: 12.93 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.5	27.7
203	18.6	15.0	22.6

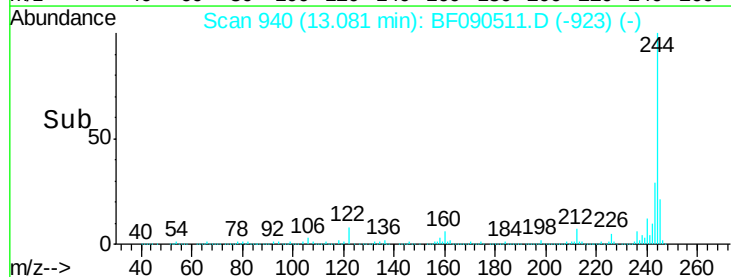
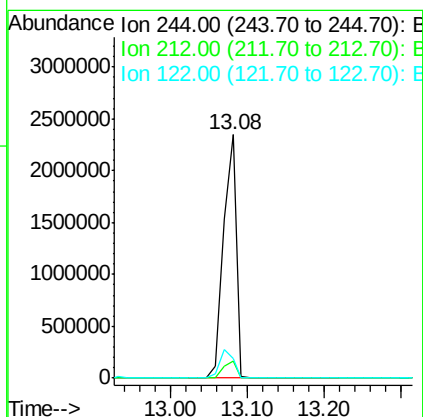
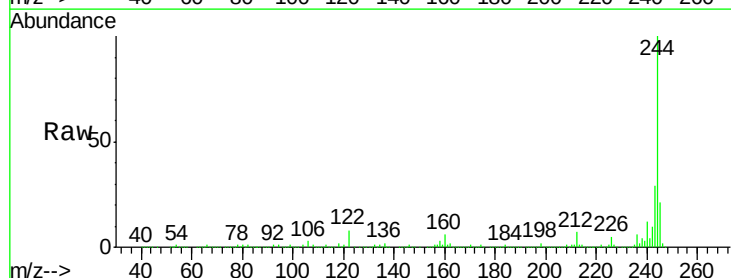
Manual Integrations
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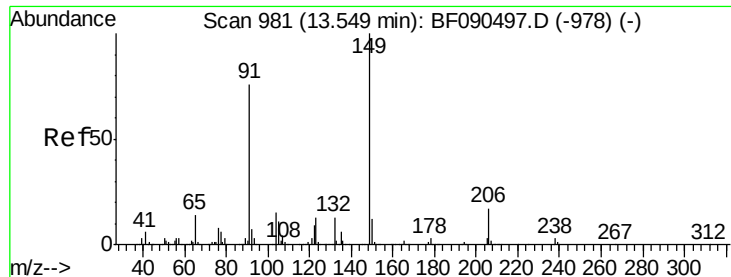
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#78
Terphenyl-d14
Concen: 81.96 ng
RT: 13.08 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.8	10.2
122	8.1	13.3	19.9#





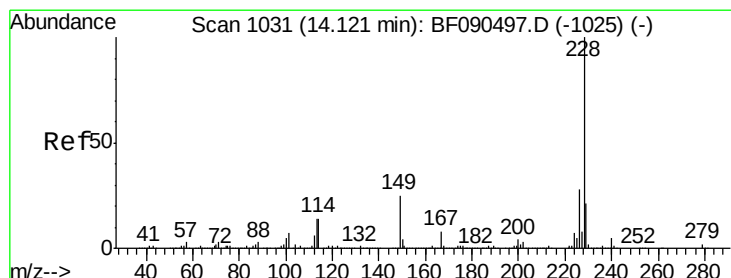
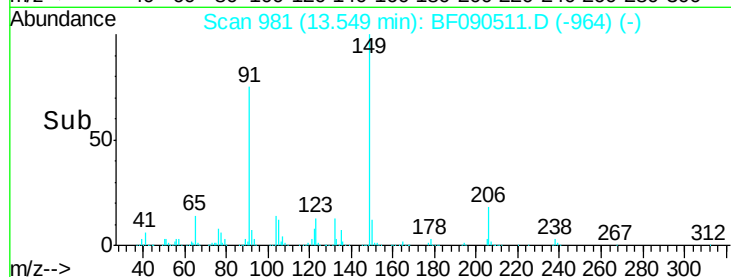
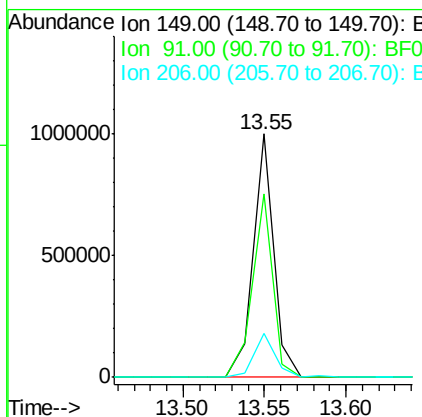
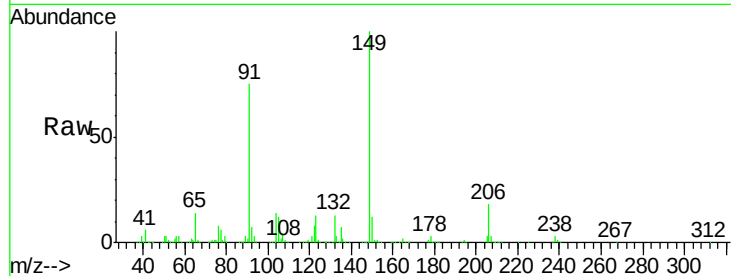
#79
Butylbenzylphthalate
Concen: 36.17 ng
RT: 13.55 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampled :
PB93820BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.1	51.8	77.8
206	18.3	18.0	27.0

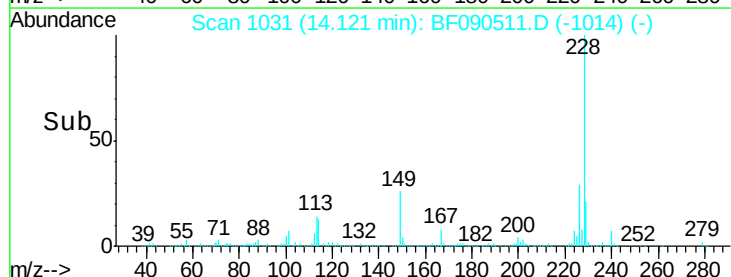
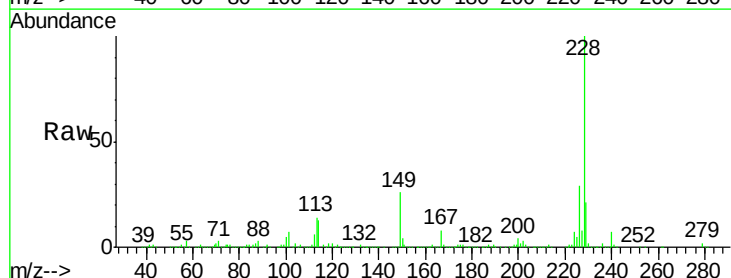
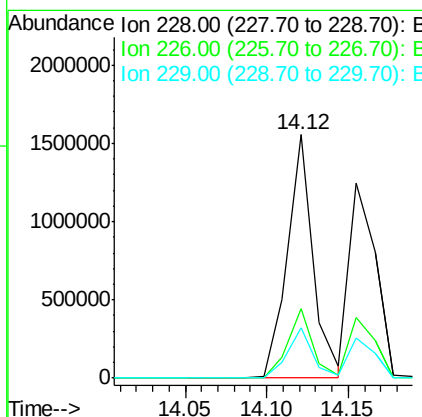
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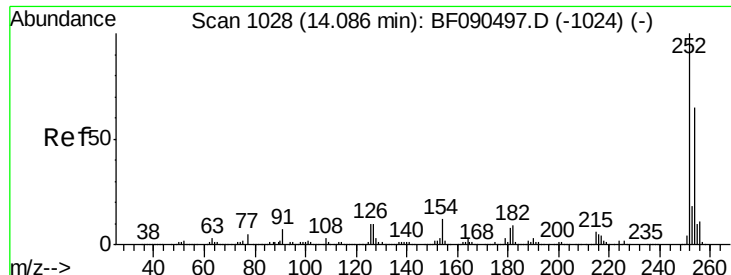
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#80
Benzo(a)anthracene
Concen: 34.95 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.6	35.4
229	20.8	16.6	25.0





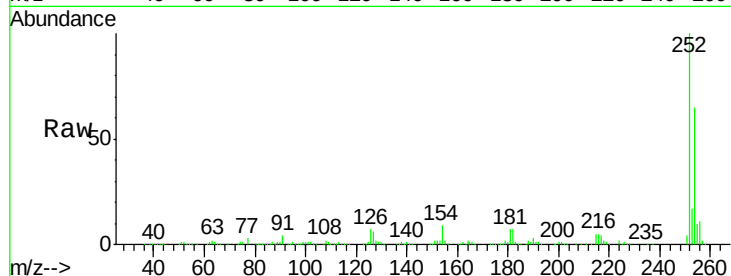
#81
 3,3'-Dichlorobenzidine
 Concen: 16.93 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

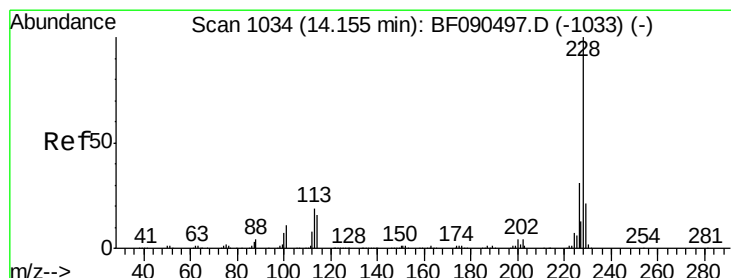
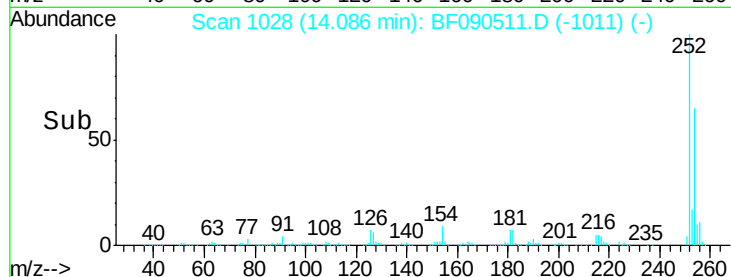
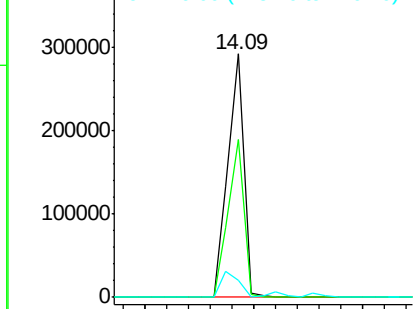
Tot Ion	Ratio	Resp	Lower	Upper
252	100	299099		
254	65.0	52.1	78.1	
126	6.9	4.2	6.4	

Manual Integrations
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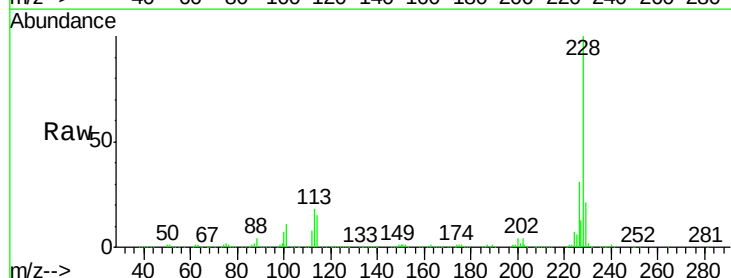


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

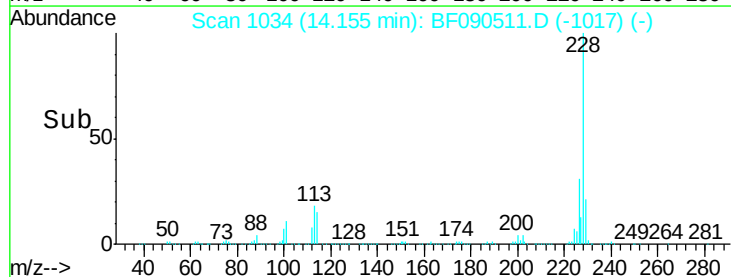
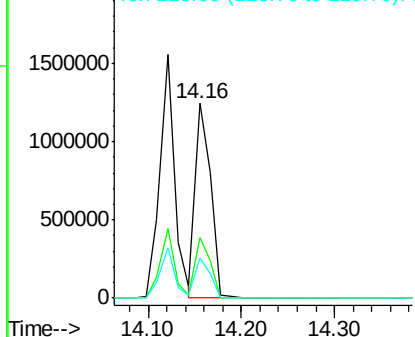


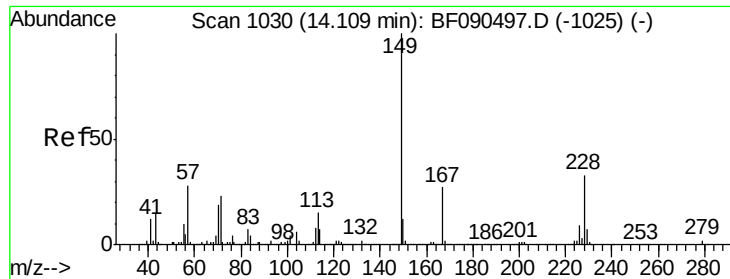
#82
 Chrysene
 Concen: 31.31 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1431115		
226	31.4	25.8	38.6	
229	20.7	16.9	25.3	



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





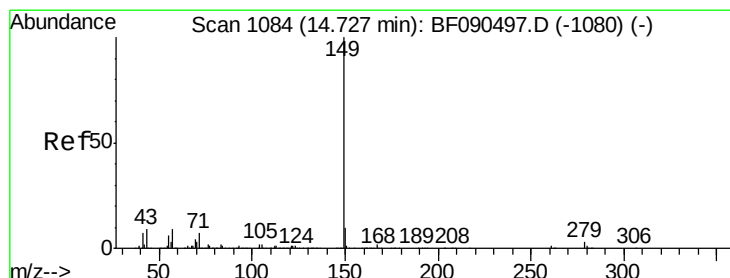
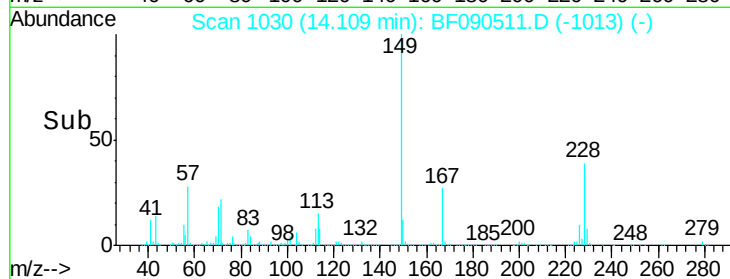
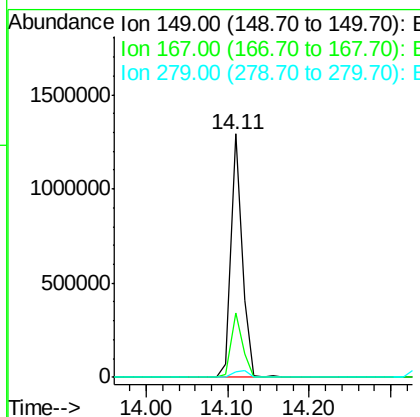
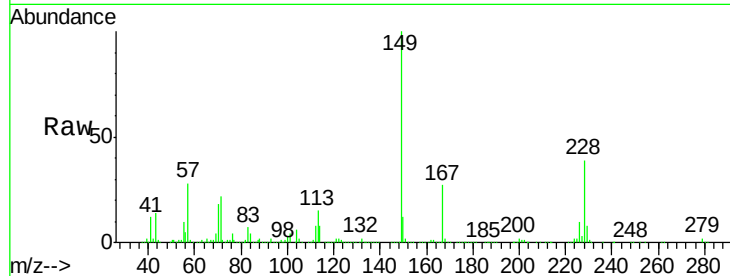
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.88 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tot Ion:149 Resp: 1229225
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.5 32.3
 279 2.4 2.6 3.8#

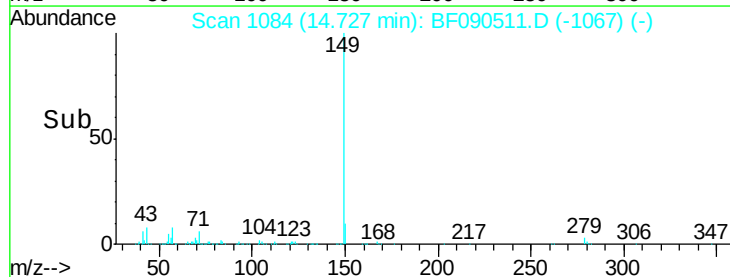
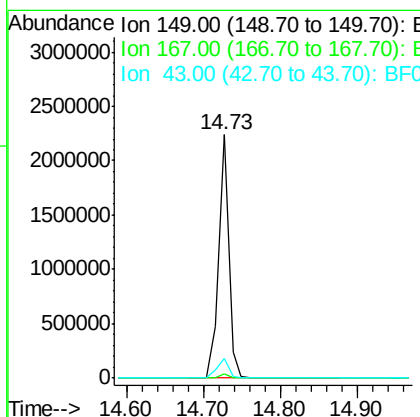
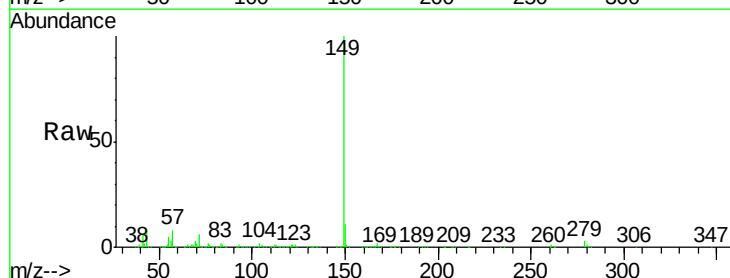
Manual Integrations
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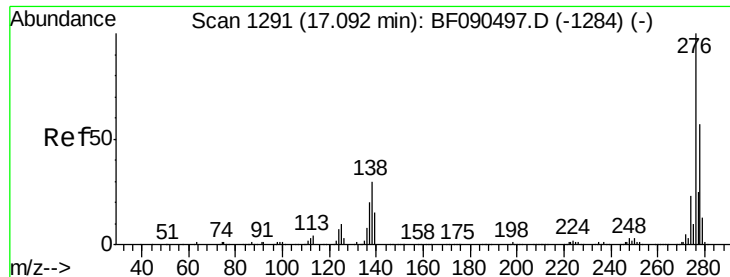
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#84
 Di-n-octyl phthalate
 Concen: 37.63 ng
 RT: 14.73 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Tgt Ion:149 Resp: 2053181
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 9.1 11.8 17.8#





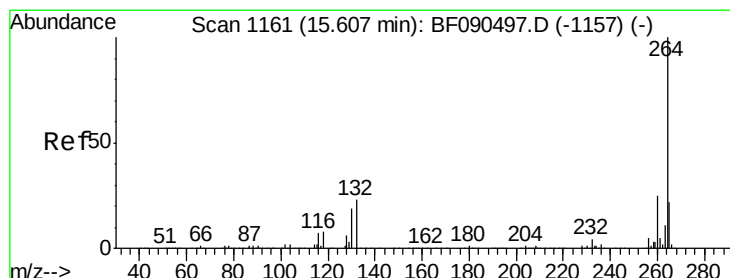
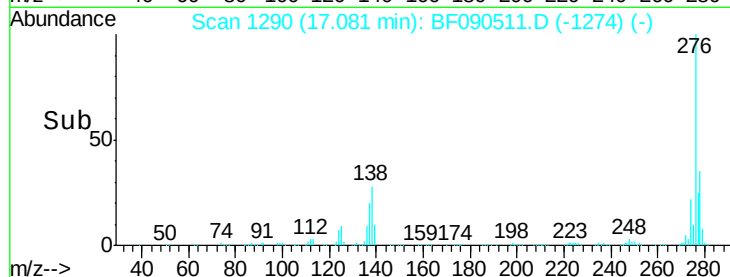
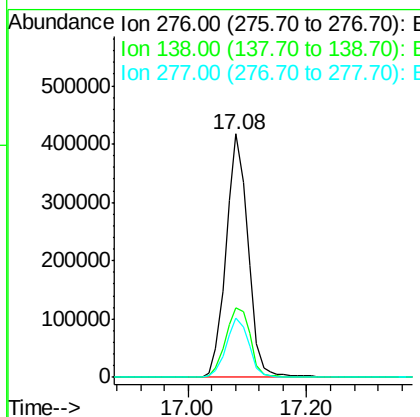
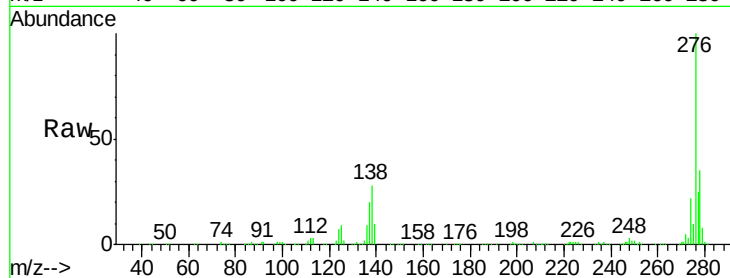
#85
Indeno(1,2,3-cd)pyrene
Concen: 28.16 ng
RT: 17.08 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.4	23.8	35.8
277	25.3	20.4	30.6

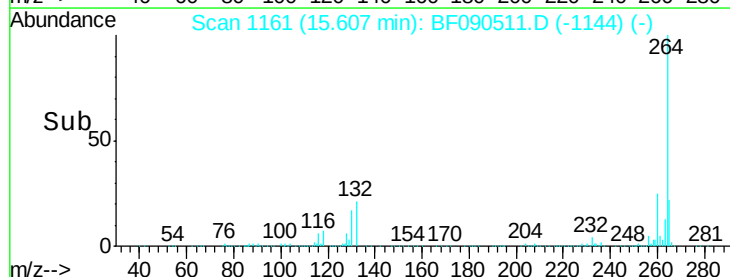
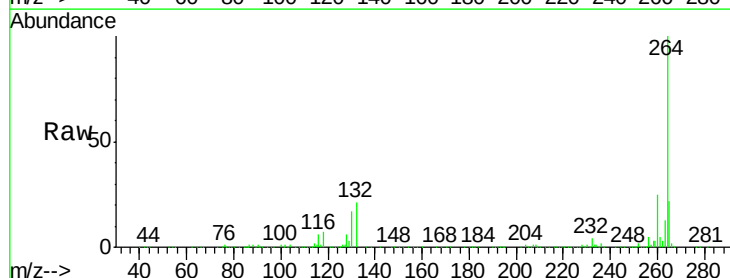
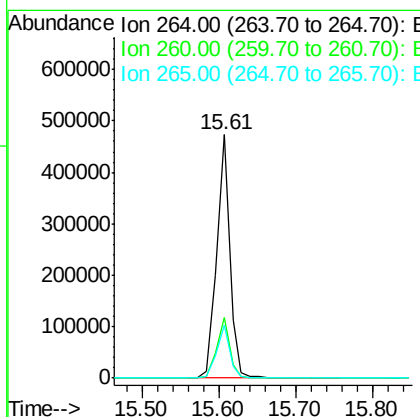
Manual Integrations
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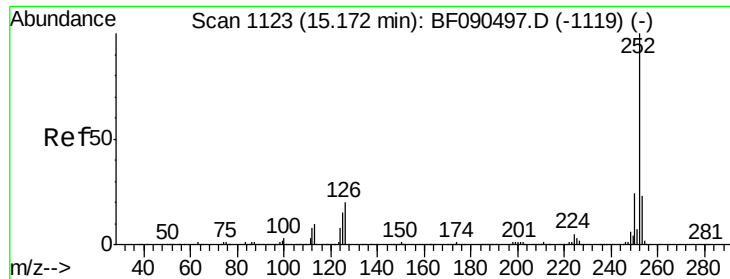
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	21.6	17.4	26.0





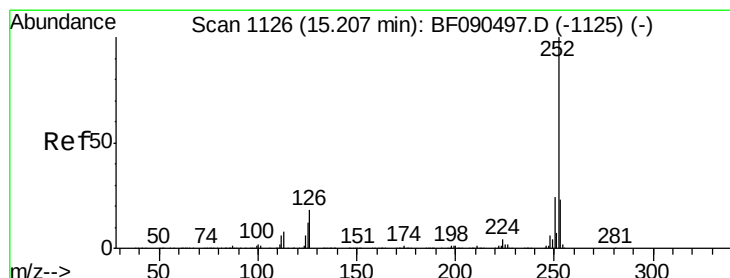
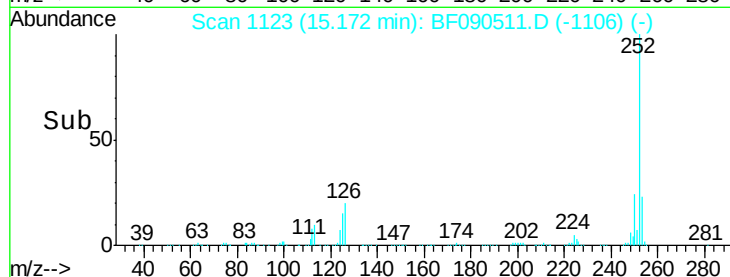
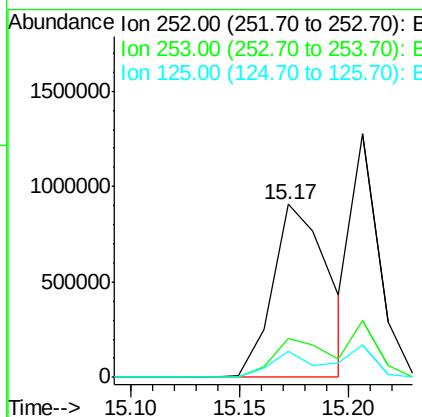
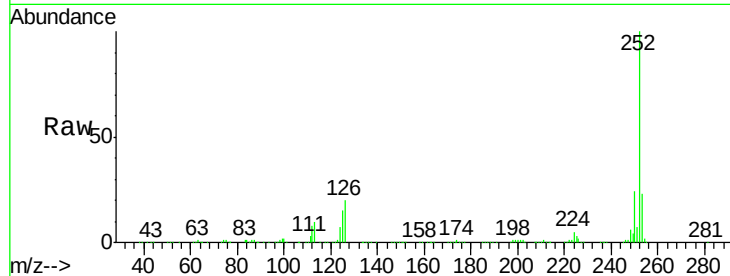
#87
Benzo(b)fluoranthene
Concen: 43.54 ng
RT: 15.17 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion:252 Resp: 1622266
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 15.0 7.0 10.4#

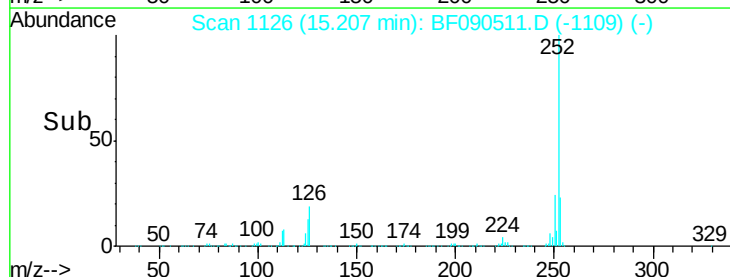
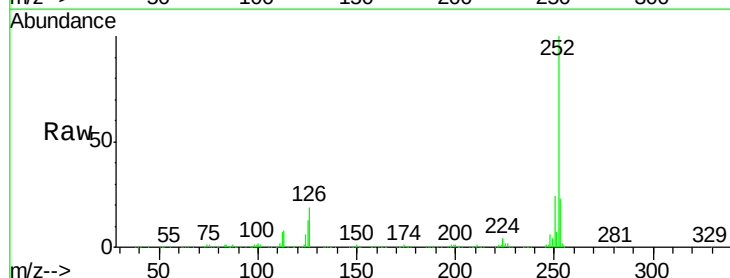
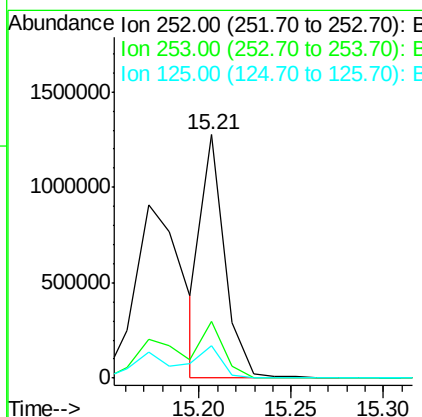
Manual Integrations
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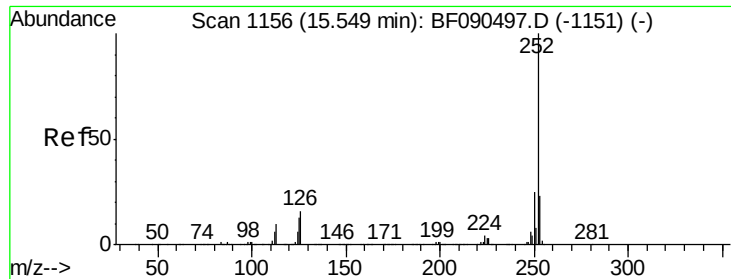
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#88
Benzo(k)fluoranthene
Concen: 33.45 ng m
RT: 15.21 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion:252 Resp: 1110247
Ion Ratio Lower Upper
252 100
253 23.3 18.6 27.8
125 13.5 11.7 17.5





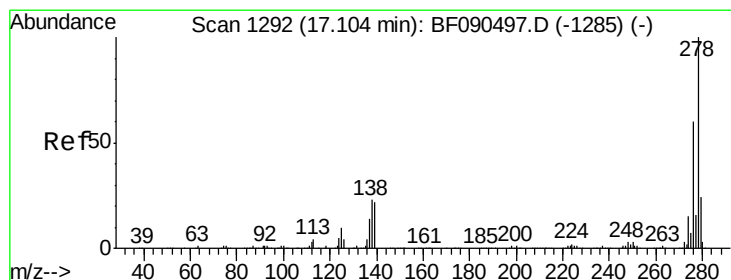
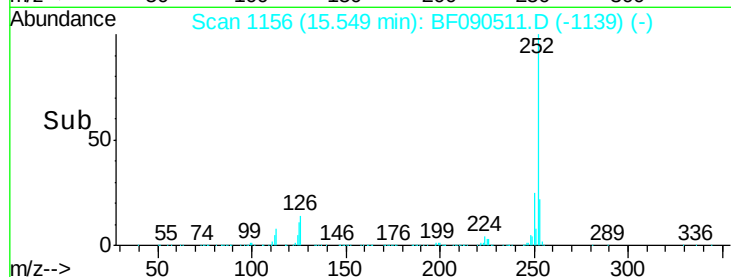
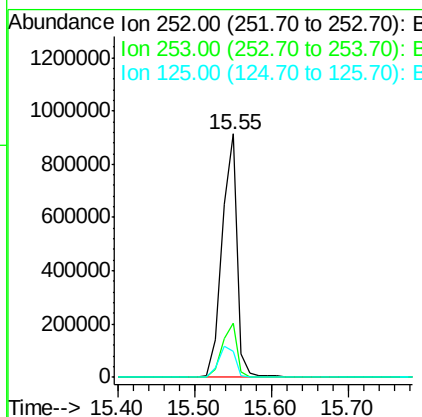
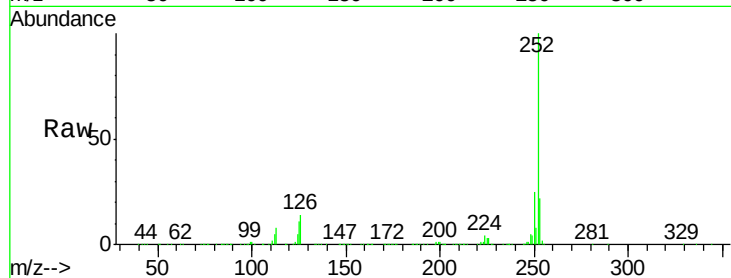
#89
Benzo(a)pyrene
Concen: 38.74 ng
RT: 15.55 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Instrument :
BNA_F
ClientSampleId :
PB93820BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	10.8	9.8	14.8

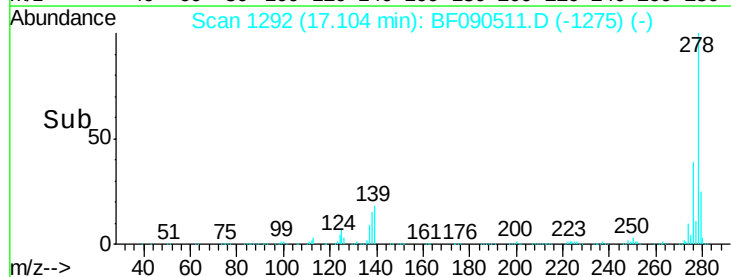
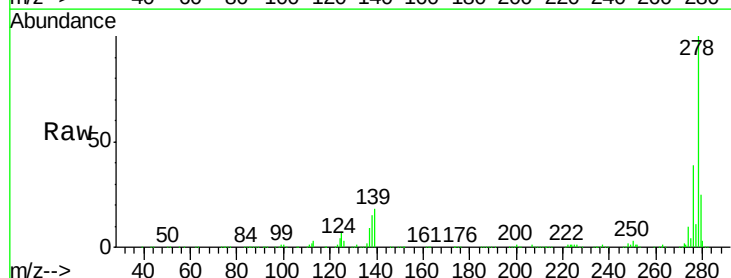
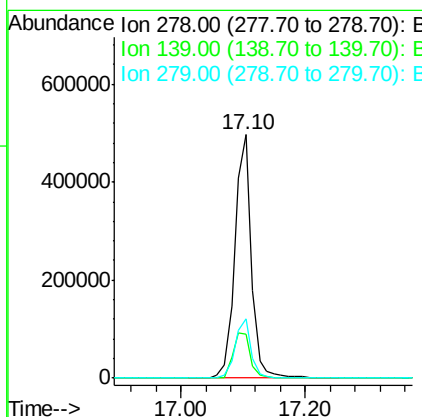
Manual Integrations
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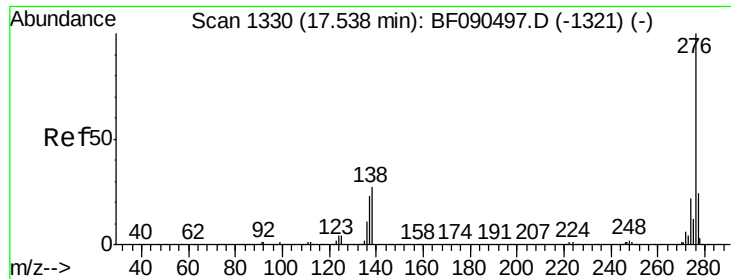
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#90
Dibenzo(a,h)anthracene
Concen: 33.26 ng
RT: 17.10 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF090511.D
Acq: 11 Oct 2016 19:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	12.8	19.2
279	24.5	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 32.61 ng
 RT: 17.53 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF090511.D
 Acq: 11 Oct 2016 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB93820BS

Tot Ion:	276	Resp:	838340
Ion Ratio		Lower	Upper
276	100		
277	23.4	19.4	29.0
138	28.3	20.8	31.2

Manual Integrations
 APPROVED

sohil
 10/12/2016 4:09:23 PM

