

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090514.D
 Acq On : 11 Oct 2016 20:52
 Operator : UM/SJ
 Sample : H5146-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MS

Manual Integrations
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Quant Time: Oct 12 01:25:07 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	214009	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	877019	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	464425	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	839605	20.00	ng	0.01
75) Chrysene-d12	14.13	240	739809	20.00	ng	0.00
86) Perylene-d12	15.61	264	499151	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	804920	58.51	ng	0.00
7) Phenol-d6	6.58	99	678319	39.08	ng	-0.01
23) Nitrobenzene-d5	7.51	82	1409749	87.18	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	678238	147.32	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2395844	86.69	ng	0.00
78) Terphenyl-d14	13.08	244	2873828	94.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	106648	15.80	ng	# 86
3) Pyridine	3.42	79	289046m	15.50	ng	
4) n-Nitrosodimethylamine	3.35	42	115455	18.89	ng	# 42
6) Aniline	6.61	93	647233	29.39	ng	96
8) 2-Chlorophenol	6.74	128	525289	35.90	ng	94
9) Benzaldehyde	6.50	77	225220	20.59	ng	96
10) Phenol	6.59	94	281377	14.37	ng	97
11) bis(2-Chloroethyl)ether	6.68	93	575250	39.25	ng	95
12) 1,3-Dichlorobenzene	6.90	146	573677	36.34	ng	98
13) 1,4-Dichlorobenzene	6.97	146	550095	34.15	ng	98
14) 1,2-Dichlorobenzene	7.13	146	601120	41.06	ng	97
15) Benzyl Alcohol	7.09	79	389278	29.20	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	809669	38.55	ng	89
17) 2-Methylphenol	7.21	107	354486	29.78	ng	99
18) Hexachloroethane	7.47	117	215735	36.29	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	480413	43.39	ng	# 80
20) 3+4-Methylphenols	7.35	107	390976	25.95	ng	# 54
22) Acetophenone	7.37	105	868475	44.98	ng	# 85
24) Nitrobenzene	7.54	77	753520	43.45	ng	91
25) Isophorone	7.78	82	1279027	43.46	ng	99
26) 2-Nitrophenol	7.86	139	336421	42.52	ng	96
27) 2,4-Dimethylphenol	7.89	122	515531	38.33	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	778710	42.85	ng	# 96
29) 2,4-Dichlorophenol	8.10	162	474303	42.16	ng	95
30) 1,2,4-Trichlorobenzene	8.18	180	487469	37.72	ng	100
31) Naphthalene	8.27	128	1697173	38.84	ng	97
32) Benzoic acid	7.97	122	101070	9.52	ng	98
33) 4-Chloroaniline	8.30	127	652346	35.27	ng	97
34) Hexachlorobutadiene	8.38	225	270927	37.50	ng	99
35) Caprolactam	8.68	113	25936	7.11	ng	# 75
36) 4-Chloro-3-methylphenol	8.78	107	470288	35.80	ng	98
37) 2-Methylnaphthalene	8.95	142	1155534	39.40	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	558632	42.96	ng	98
40) Hexachlorocyclopentadiene	9.11	237	613789	95.11	ng	99

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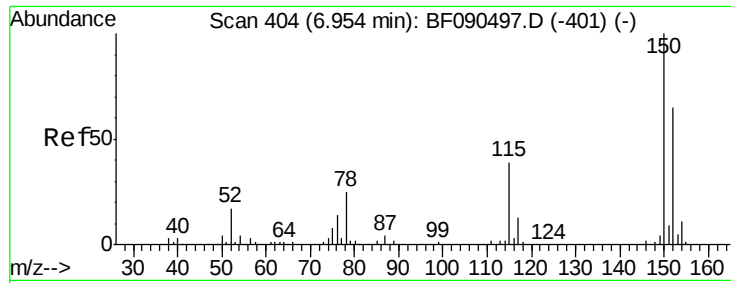
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	347406	39.63	nq	96
43) 2,4,5-Trichlorophenol	9.27	196	357388	41.20	nq #	90
45) 1,1'-Biphenyl	9.42	154	1512461	42.64	nq	96
46) 2-Chloronaphthalene	9.45	162	1153410	43.70	nq	97
47) 2-Nitroaniline	9.54	65	403416	42.85	nq	97
48) Acenaphthylene	9.86	152	1729125	40.61	nq	98
49) Dimethylphthalate	9.72	163	1277318	40.89	nq	100
50) 2,6-Dinitrotoluene	9.78	165	282543	40.96	nq	95
51) Acenaphthene	10.03	154	1214095	42.54	nq	99
52) 3-Nitroaniline	9.95	138	296766	34.68	nq	99
53) 2,4-Dinitrophenol	10.05	184	312604	81.69	nq #	81
54) Dibenzofuran	10.21	168	1703704	44.87	nq	97
55) 4-Nitrophenol	10.11	139	241926	36.38	nq #	72
56) 2,4-Dinitrotoluene	10.19	165	454191	49.79	nq	95
57) Fluorene	10.55	166	1327791	42.83	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	343435	47.46	nq	97
59) Diethylphthalate	10.42	149	1415191	44.55	nq #	92
60) 4-Chlorophenyl-phenylether	10.54	204	685350	47.92	nq	92
61) 4-Nitroaniline	10.57	138	332359	38.07	nq	94
62) Azobenzene	10.70	77	1621564	46.74	nq	89
64) 4,6-Dinitro-2-methylphenol	10.59	198	215088	38.35	nq #	85
65) n-Nitrosodiphenylamine	10.66	169	1057052	38.72	nq	98
66) 4-Bromophenyl-phenylether	11.03	248	440379	47.34	nq #	89
67) Hexachlorobenzene	11.10	284	452107	43.99	nq #	88
68) Atrazine	11.18	200	343400	40.64	nq	98
69) Pentachlorophenol	11.30	266	550280	89.98	nq	98
70) Phenanthrene	11.51	178	1950300	42.15	nq	99
71) Anthracene	11.56	178	1889139	40.30	nq	98
72) Carbazole	11.72	167	1987790	44.90	nq	98
73) Di-n-butylphthalate	12.05	149	2416075	45.31	nq #	97
74) Fluoranthene	12.70	202	2085928	44.16	nq	95
76) Benzidine	12.82	184	1080759	46.48	nq	99
77) Pyrene	12.93	202	1957117	42.26	nq	100
79) Butylbenzylphthalate	13.55	149	997561	46.02	nq	89
80) Benzo(a)anthracene	14.12	228	1825646	41.41	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	609032	38.38	nq #	98
82) Chrysene	14.17	228	1684489	41.04	nq	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	1349018	42.64	nq #	100
84) Di-n-octyl phthalate	14.73	149	2201444	44.93	nq #	87
85) Indeno(1,2,3-cd)pyrene	17.08	276	1117375	32.70	nq	97
87) Benzo(b)fluoranthene	15.17	252	1727569	52.46	nq #	95
88) Benzo(k)fluoranthene	15.21	252	1161664m	39.60	nq	
89) Benzo(a)pyrene	15.55	252	1312215	45.37	nq	98
90) Dibenzo(a,h)anthracene	17.10	278	973929	39.64	nq	97
91) Benzo(g,h,i)perylene	17.53	276	891411	39.23	nq	97

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



#1

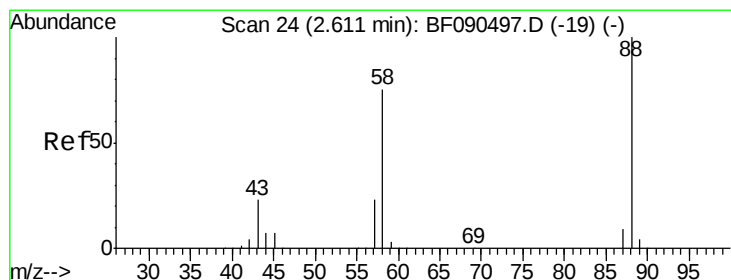
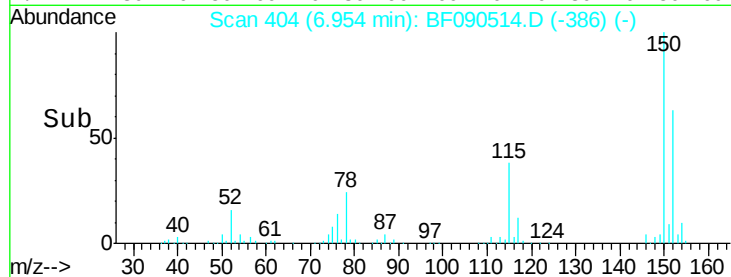
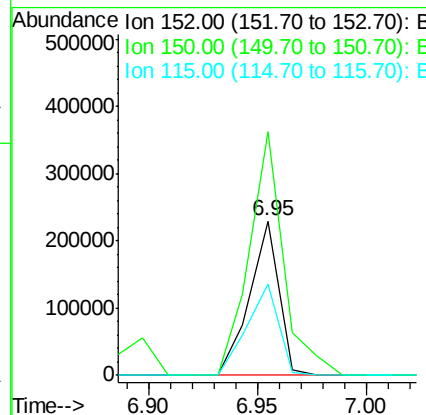
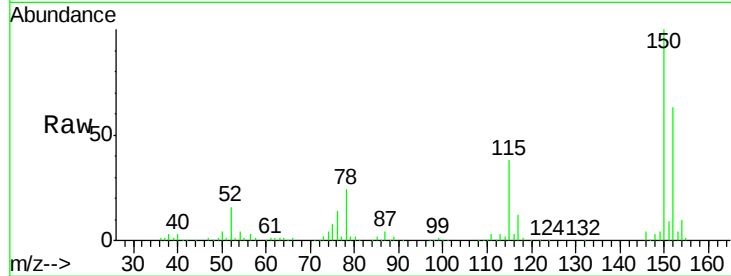
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Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
S8-0617MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	59.6	46.2	69.4

Manual Integrations
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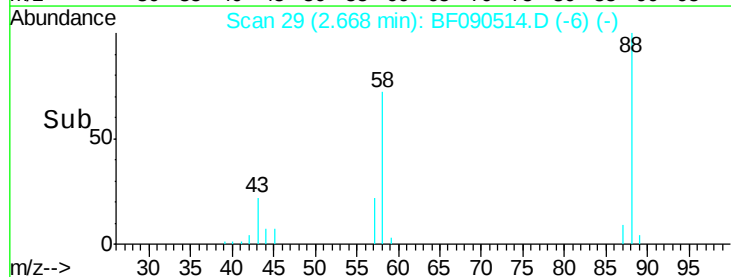
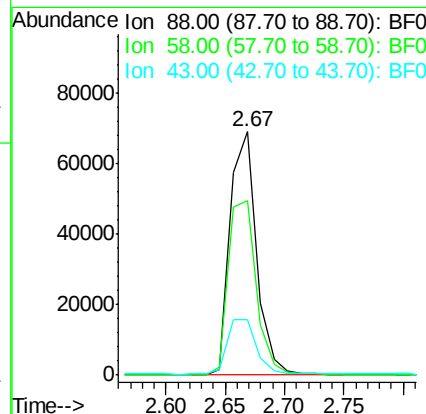
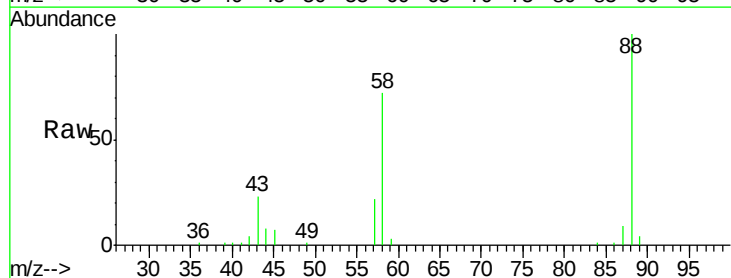
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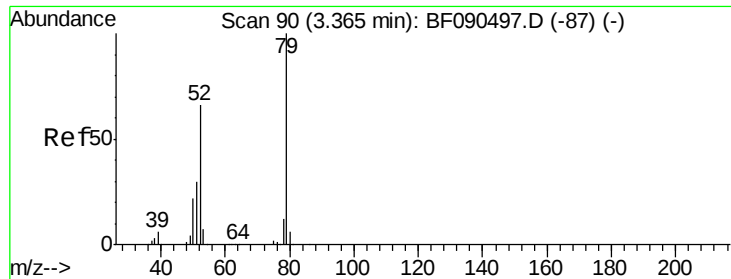


#2

1,4-Dioxane
Concen: 15.80 ng
RT: 2.67 min Scan# 29
Delta R.T. 0.06 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.3	71.2	106.8
43	27.4	29.8	44.6





#3

Pvridine

Concen: 15.50 ng/ml

RT: 3.42 min Scan# 95

Delta R.T. 0.06 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Instrument :

BNA_F

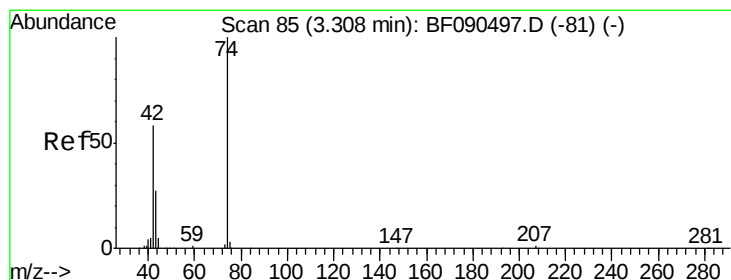
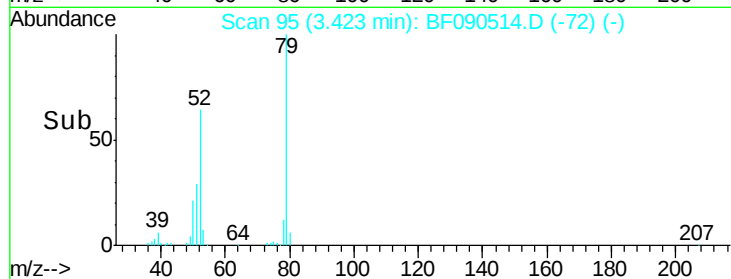
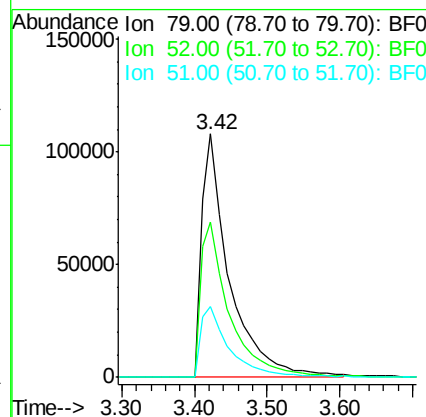
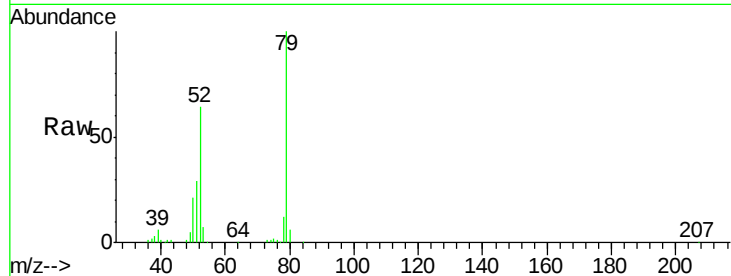
ClientSampleId :

S8-0617MS

Tot Ion:	79	Resp:	289046
Ion Ratio	Lower	Upper	
79	100		
52	63.9	71.3	106.9#
51	29.4	34.5	51.7#

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#4

n-Nitrosodimethylamine

Concen: 18.89 ng/ml

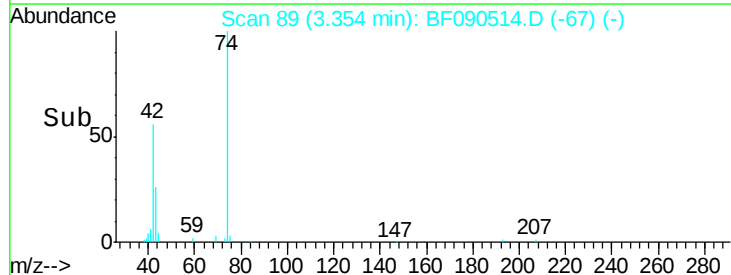
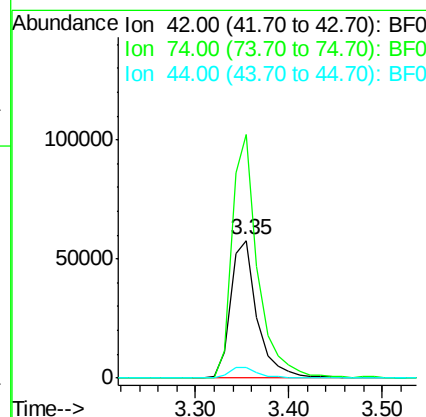
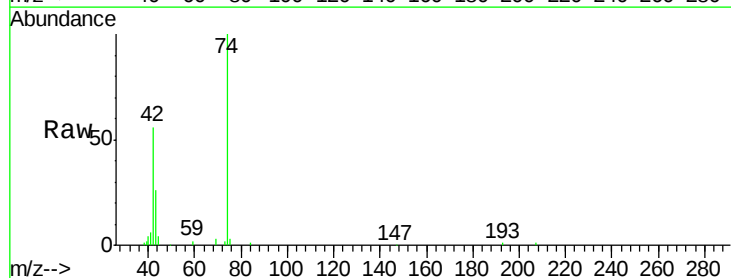
RT: 3.35 min Scan# 89

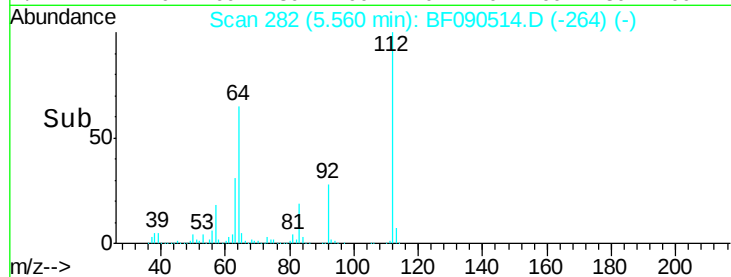
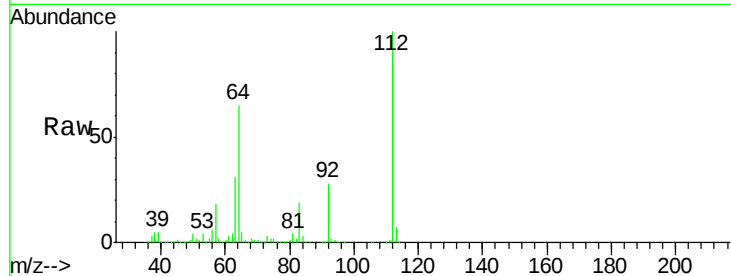
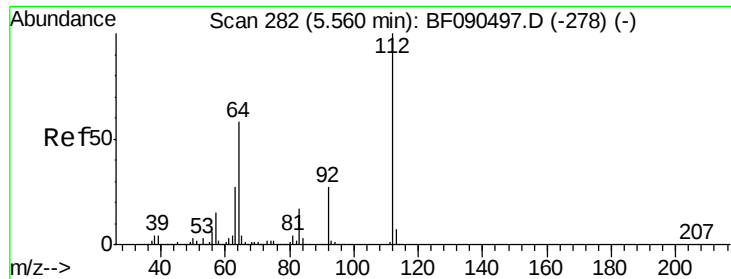
Delta R.T. 0.05 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Tgt Ion:	42	Resp:	115455
Ion Ratio	Lower	Upper	
42	100		
74	177.1	88.9	133.3#
44	7.7	6.5	9.7





#5

2-Fluorophenol

Concen: 58.51 ng

RT: 5.56 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Instrument :

BNA_F

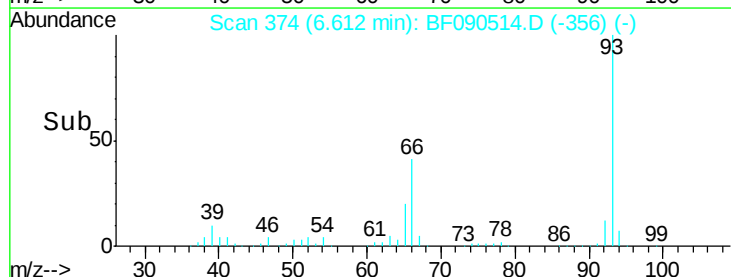
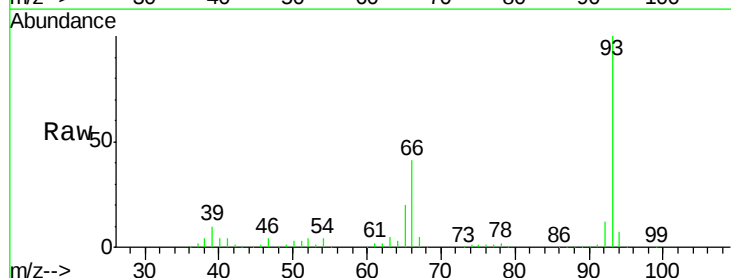
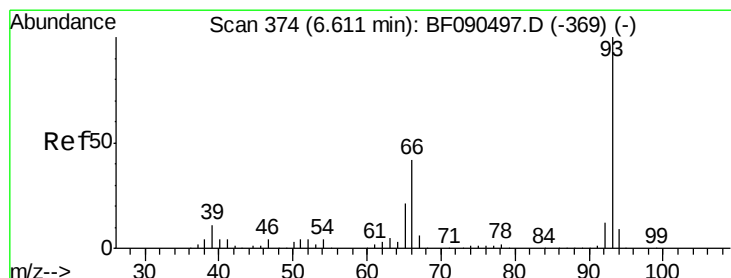
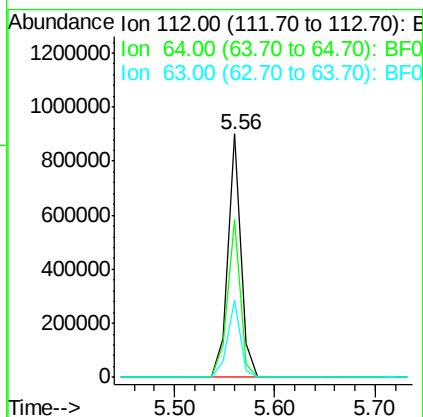
ClientSampleId :

S8-0617MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		804920		
64	65.0		57.9	86.9	
63	31.5		29.6	44.4	

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#6

Aniline

Concen: 29.39 ng

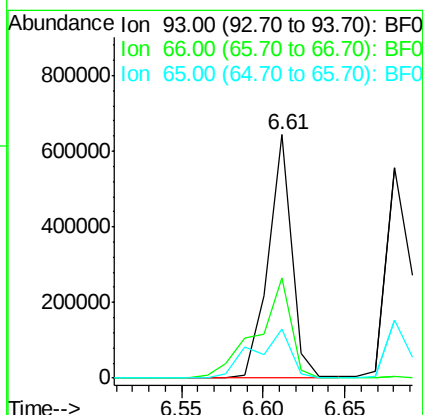
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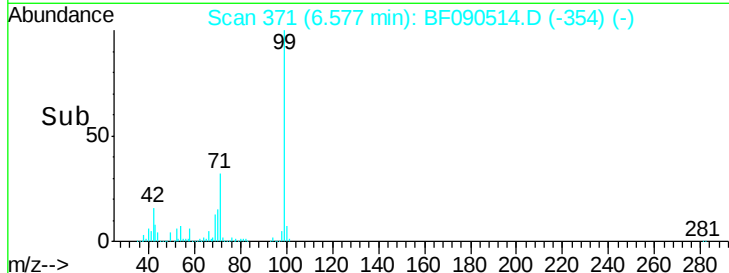
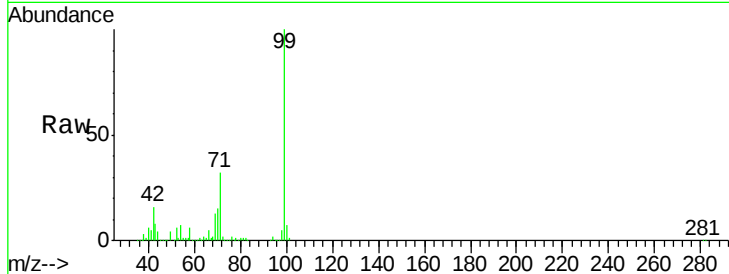
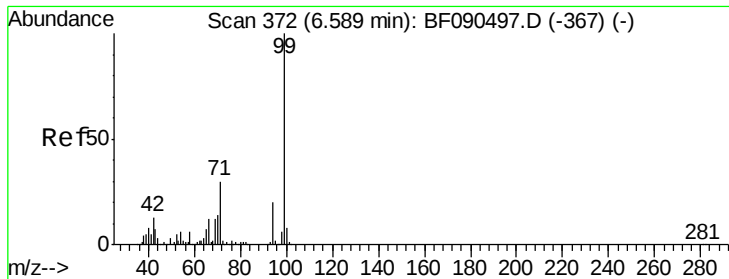
Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		647233		
66	41.0		34.5	51.7	
65	20.4		18.2	27.2	





#7

Phenol-d6

Concen: 39.08 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Tot Ion:	99	Resp:	678319
Ion Ratio	Lower	Upper	
99	100		
42	15.7	20.0	30.0#
71	32.3	27.9	41.9

Instrument :

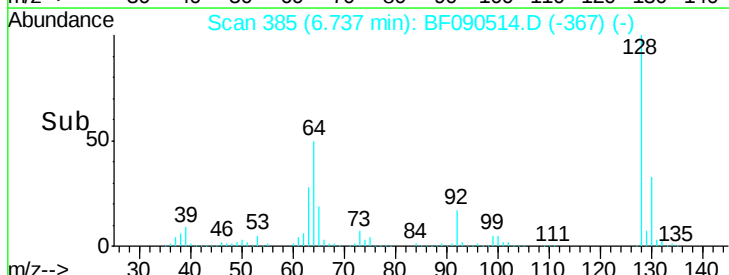
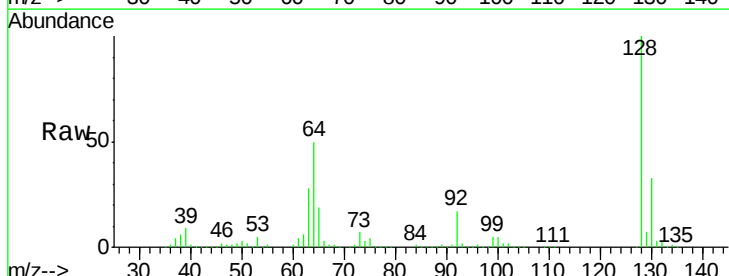
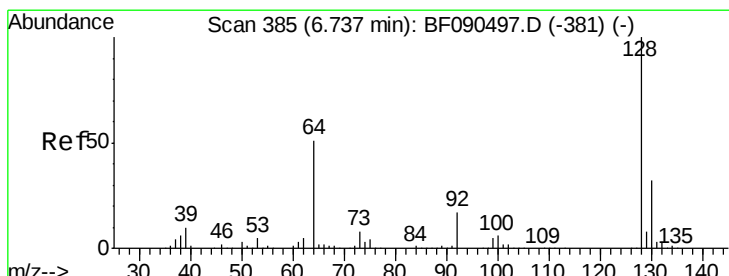
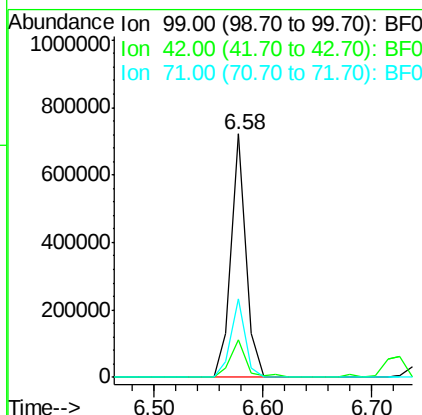
BNA_F

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#8

2-Chlorophenol

Concen: 35.90 ng

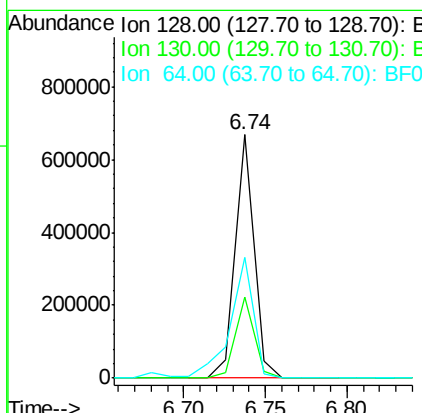
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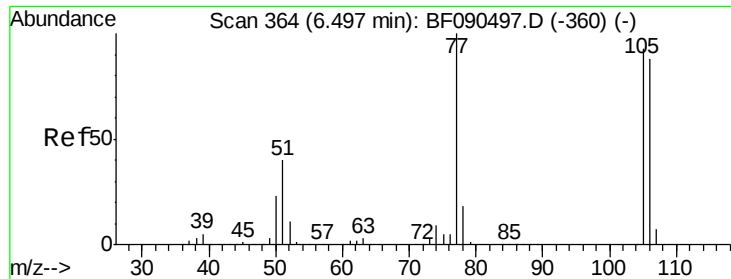
Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Tgt Ion:	128	Resp:	525289
Ion Ratio	Lower	Upper	
128	100		
130	33.0	13.3	53.3
64	49.5	36.0	76.0





#9

Benzaldehyde

Concen: 20.59 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Instrument :

BNA_F

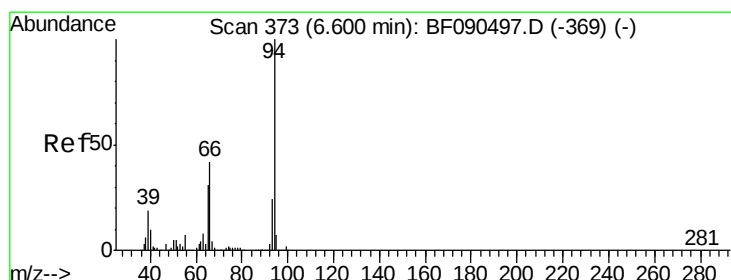
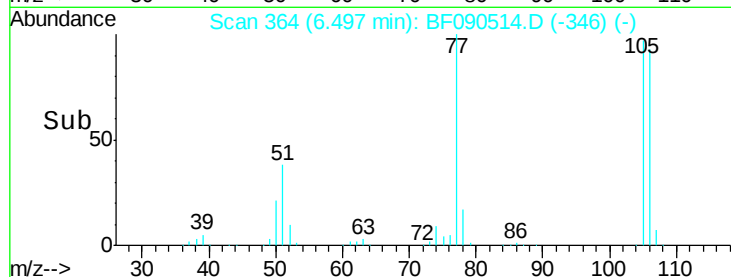
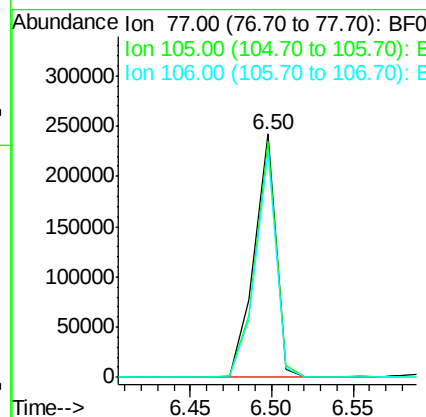
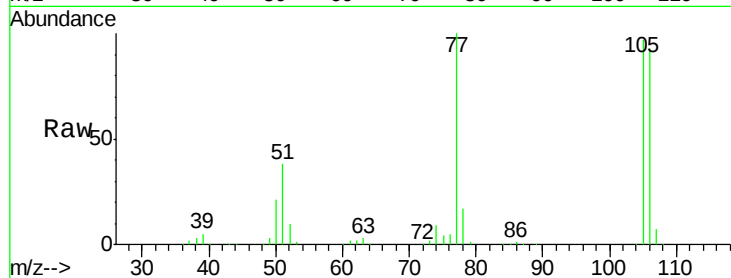
ClientSampleId :

S8-0617MS

Tot Ion:	77	Resp:	225220
Ion	Ratio	Lower	Upper
77	100		
105	97.1	73.1	113.1
106	92.9	70.2	110.2

Manual Integrations
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#10

Phenol

Concen: 14.37 ng

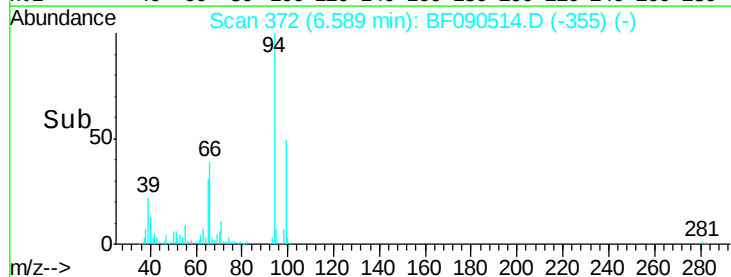
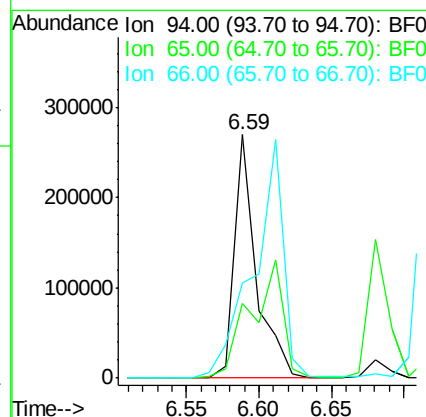
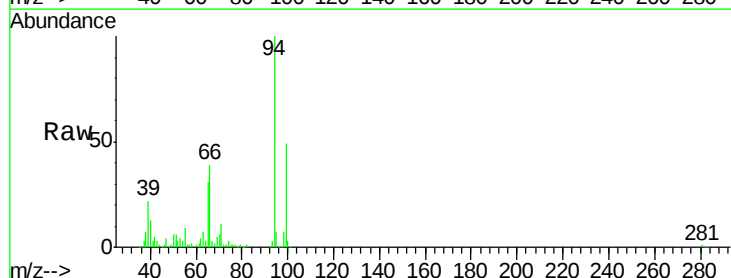
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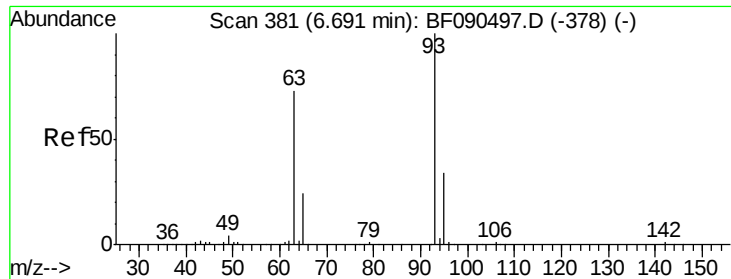
Delta R.T. -0.01 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Tgt Ion:	94	Resp:	281377
Ion	Ratio	Lower	Upper
94	100		
65	30.6	13.3	53.3
66	39.1	20.4	60.4





#11

bis(2-Chloroethyl)ether

Concen: 39.25 ng

RT: 6.68 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Instrument :

BNA_F

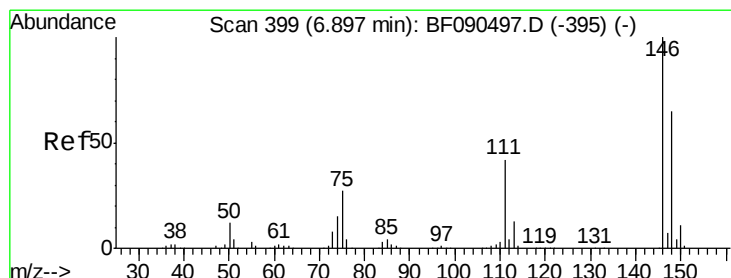
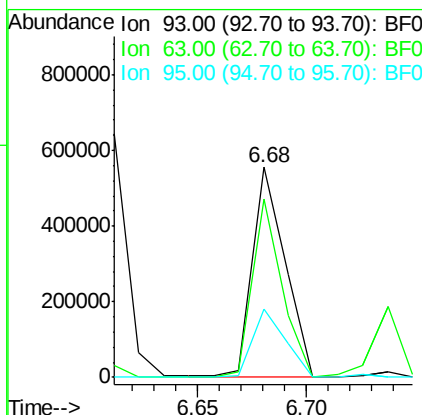
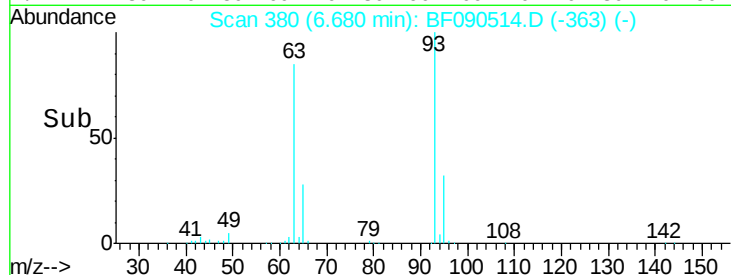
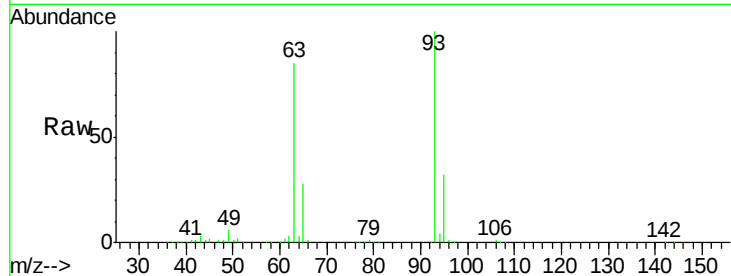
ClientSampleId :

S8-0617MS

Tot Ion:	93	Resp:	575250
Ion	Ratio	Lower	Upper
93	100		
63	85.3	59.7	99.7
95	32.5	14.0	54.0

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#12

1,3-Dichlorobenzene

Concen: 36.34 ng

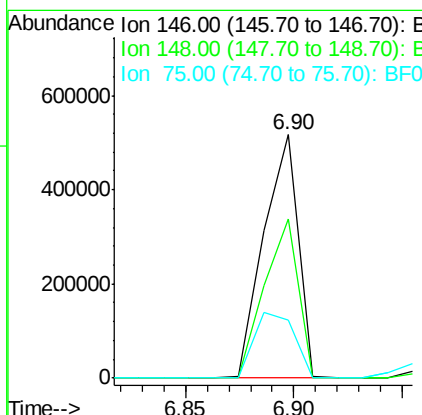
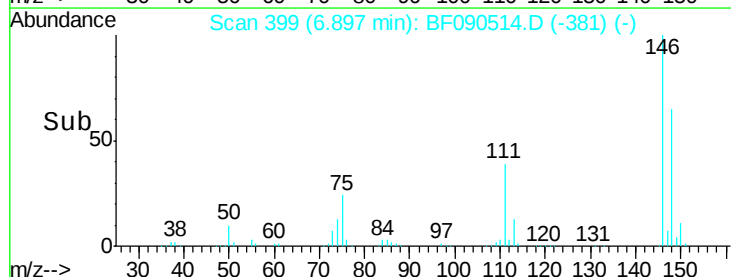
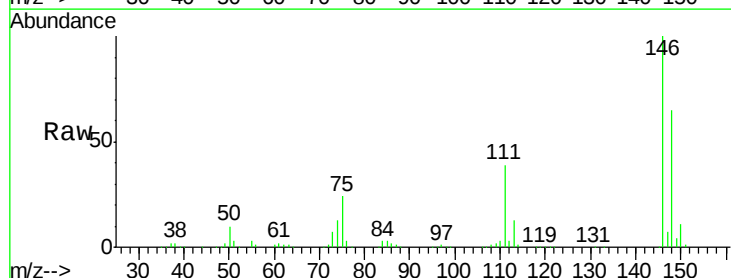
RT: 6.90 min Scan# 399

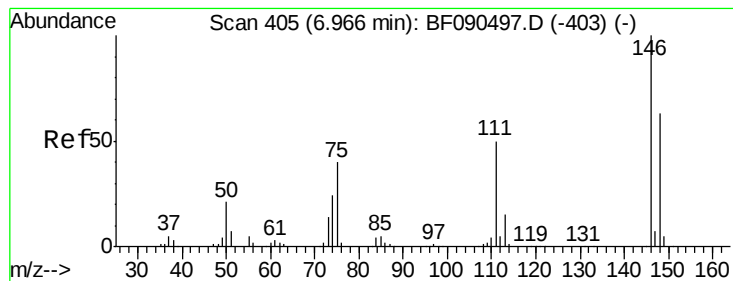
Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Tgt Ion:	146	Resp:	573677
Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.4
75	23.8	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 34.15 ng

RT: 6.97 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Instrument :

BNA_F

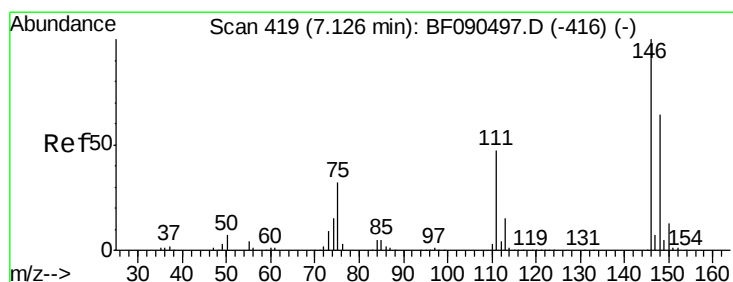
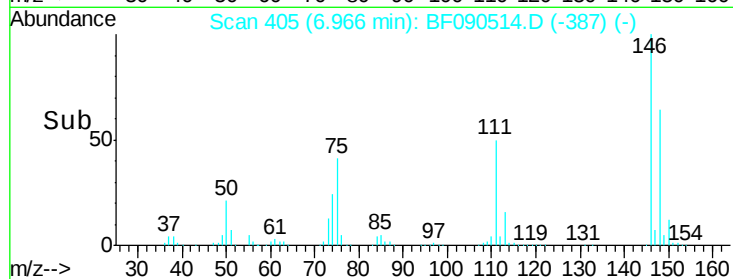
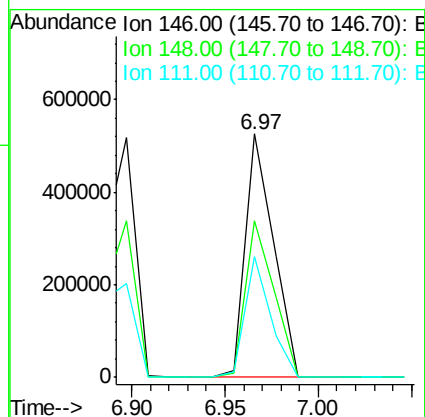
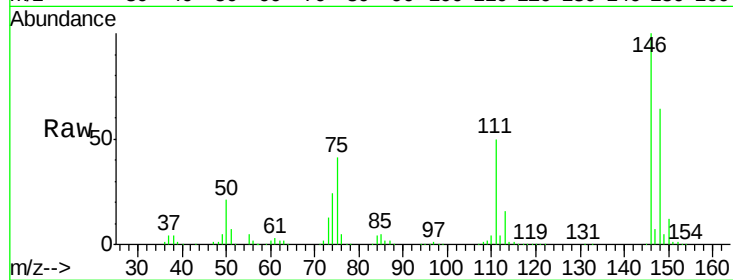
ClientSampled :

S8-0617MS

Tot Ion:	146	Resp:	550095
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.1	76.7
111	49.5	37.8	56.6

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#14

1,2-Dichlorobenzene

Concen: 41.06 ng

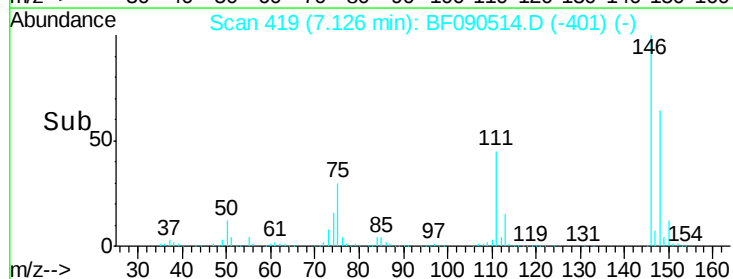
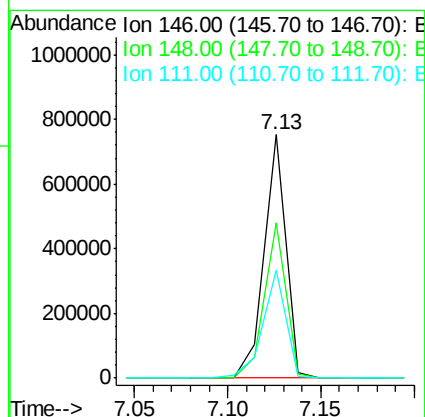
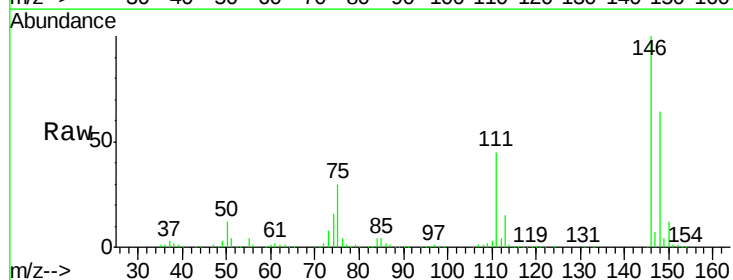
RT: 7.13 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Tgt Ion:	146	Resp:	601120
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.3	78.5
111	44.5	38.2	57.4





#15

Benzyl Alcohol

Concen: 29.20 ng

RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Instrument :

BNA_F

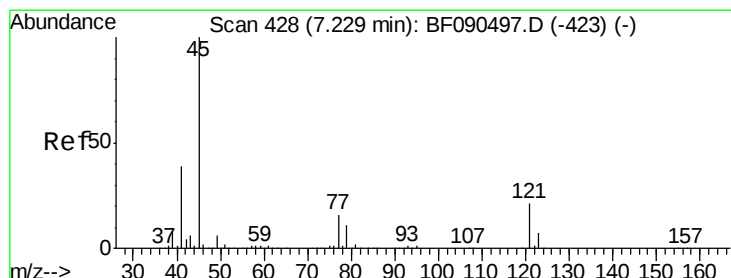
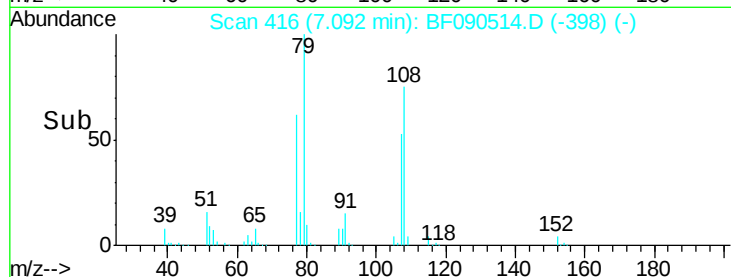
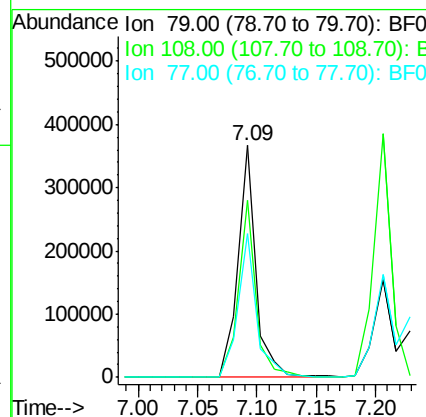
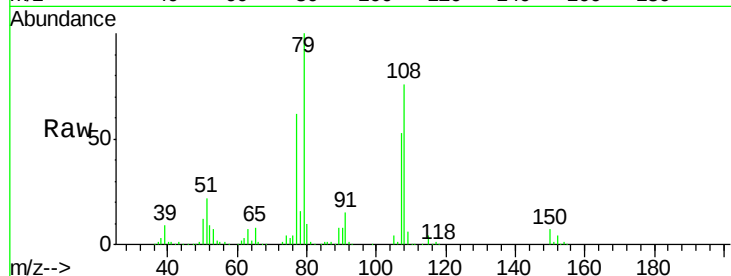
ClientSampleId :

S8-0617MS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	76.1	60.9	91.3	
77	62.0	51.5	77.3	

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.55 ng

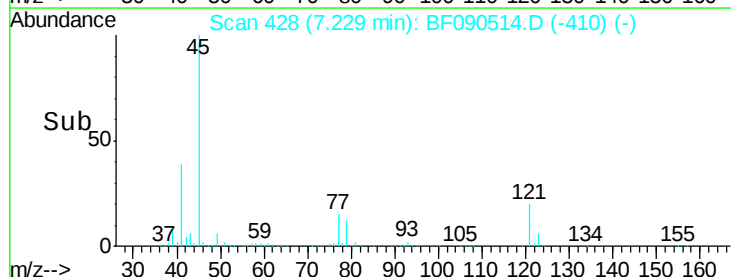
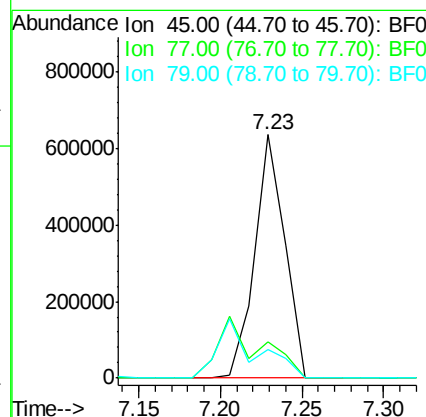
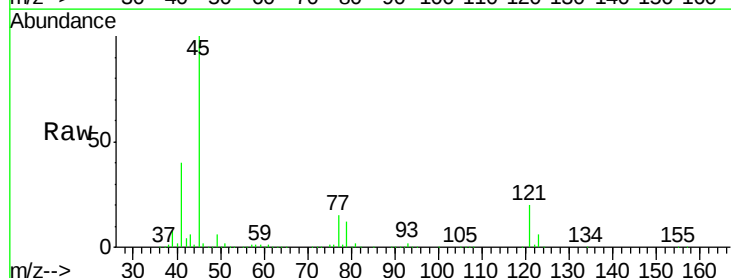
RT: 7.23 min Scan# 428

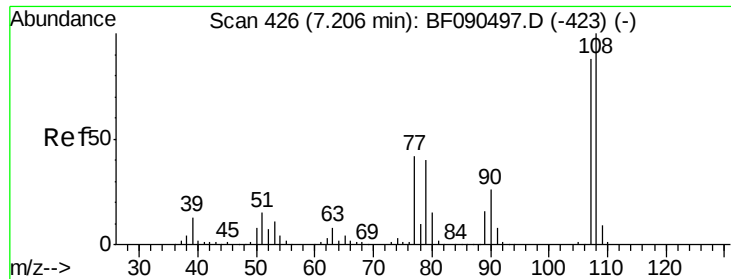
Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	15.0	0.0	30.8	
79	11.7	0.0	28.2	





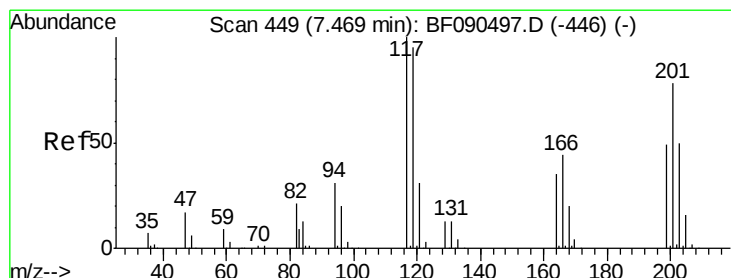
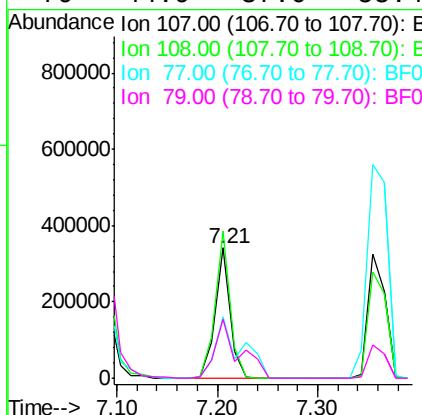
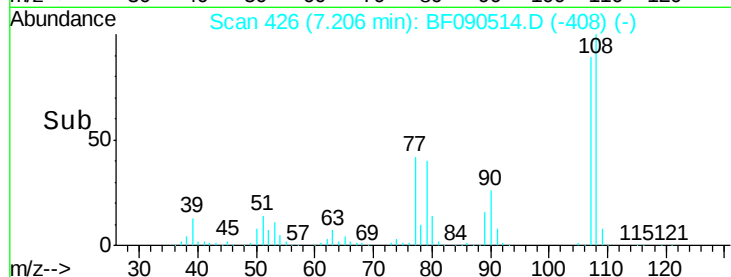
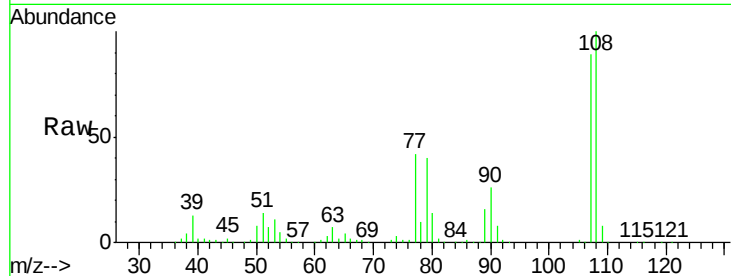
#17
2-Methylphenol
Concen: 29.78 ng
RT: 7.21 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
S8-0617MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	90.9	136.3	
77	47.3	38.2	57.4	
79	44.9	37.0	55.4	

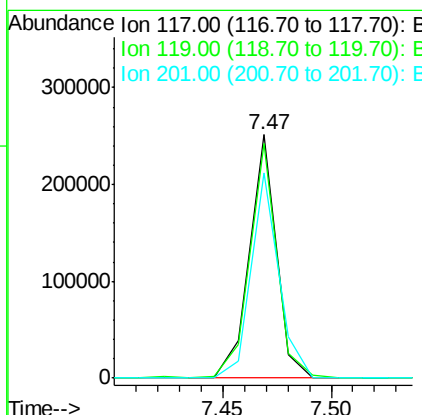
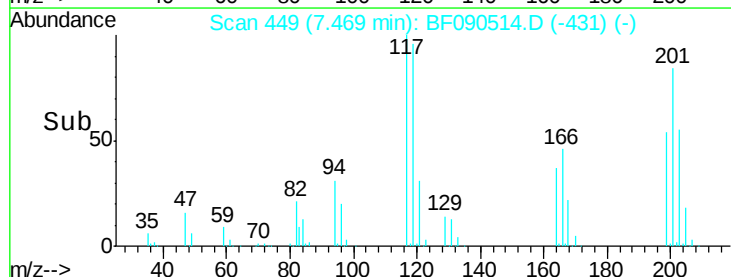
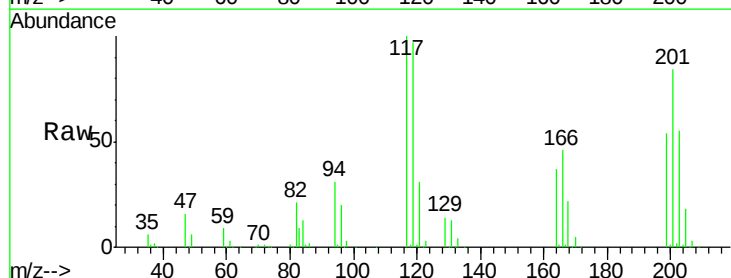
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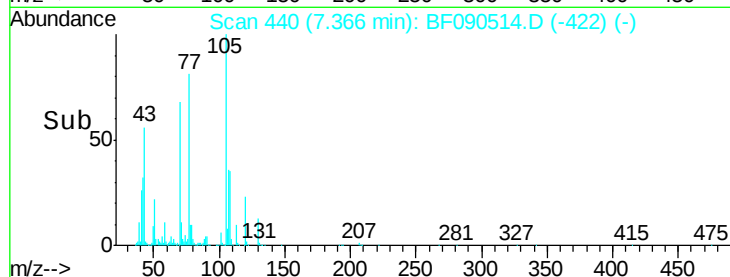
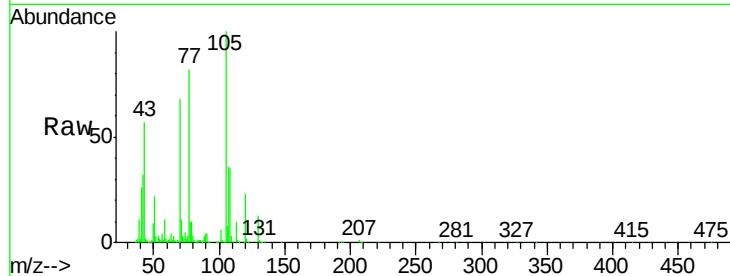
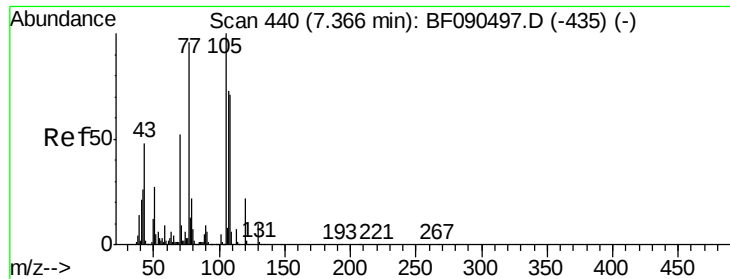
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#18
Hexachloroethane
Concen: 36.29 ng
RT: 7.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	75.9	113.9	
201	84.4	66.5	99.7	





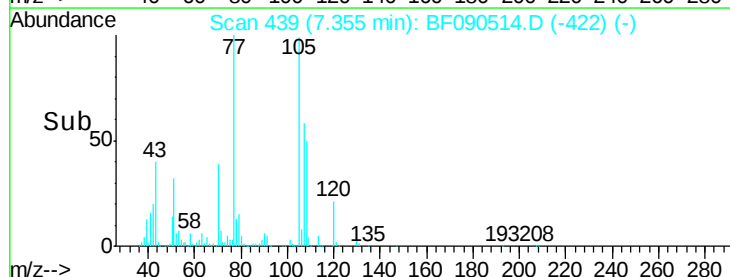
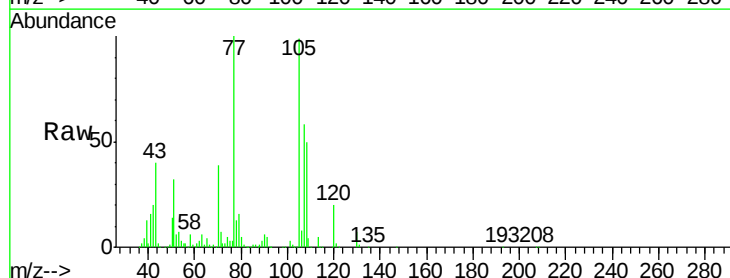
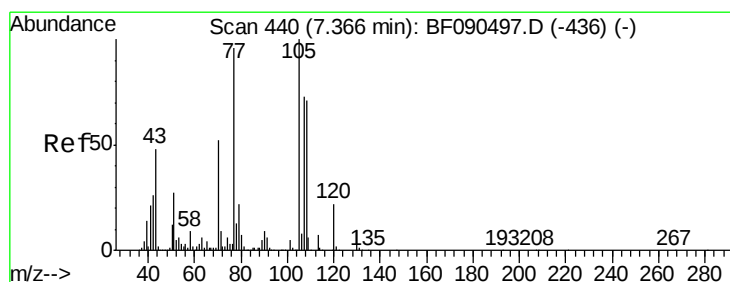
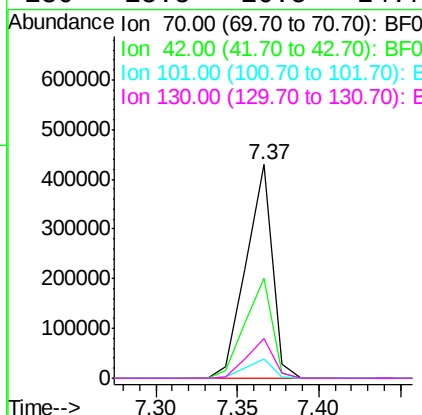
#19
n-Nitroso-di-n-propylamine
Concen: 43.39 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
S8-0617MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.9	55.4	83.2#
101	8.9	7.6	11.4
130	18.5	16.5	24.7

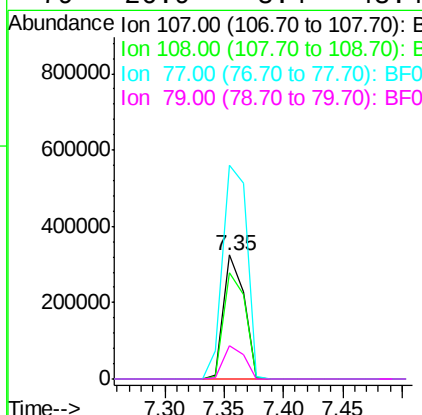
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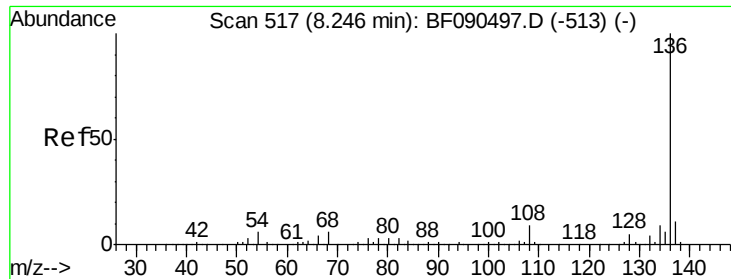
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#20
3+4-Methylphenols
Concen: 25.95 ng
RT: 7.35 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.0	66.7	106.7
77	172.0	53.7	93.7#
79	26.9	8.4	48.4





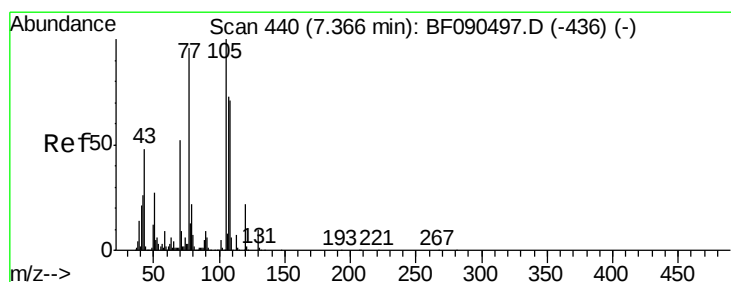
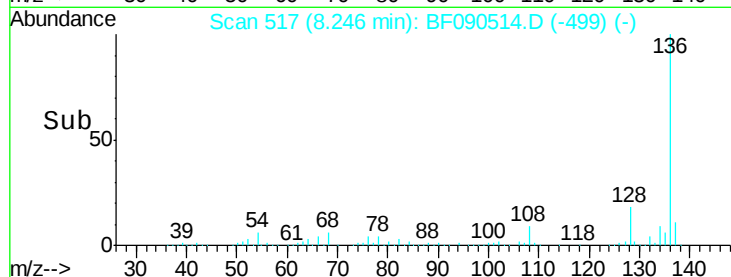
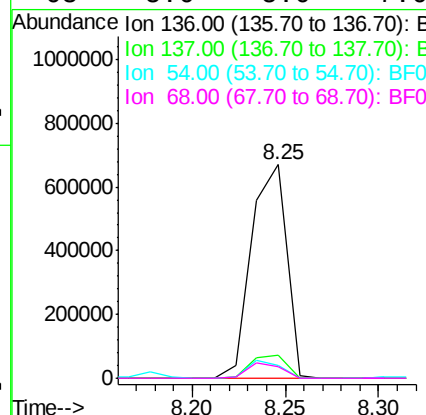
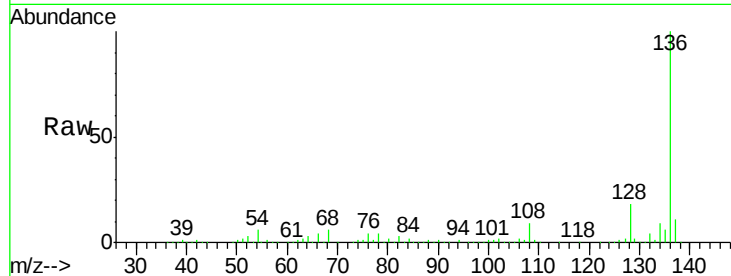
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
S8-0617MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	877019		
137	10.7		9.0	13.6
54	5.8		6.6	10.0#
68	5.6		5.0	7.6

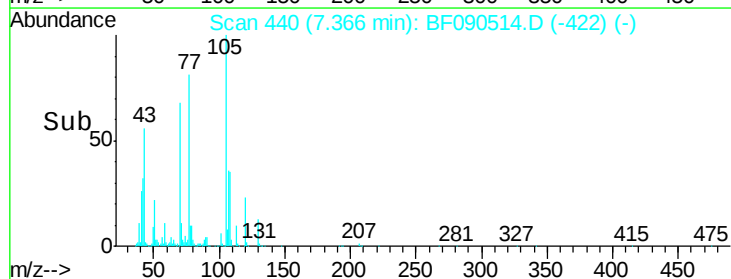
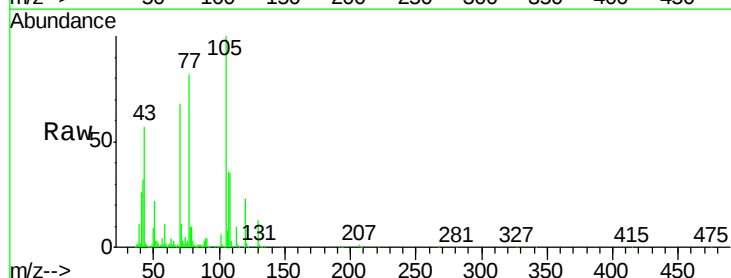
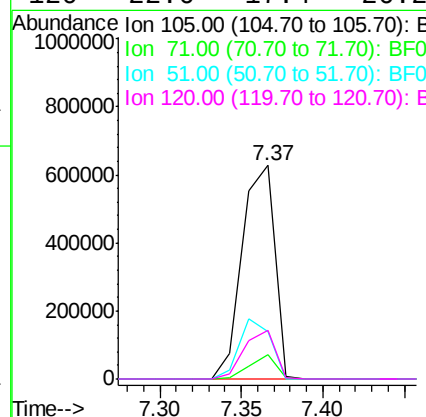
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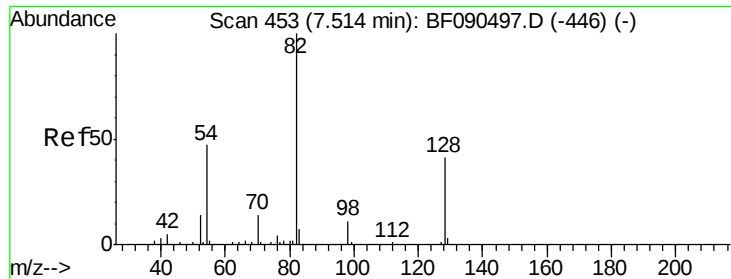
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#22
Acetophenone
Concen: 44.98 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	868475		
71	11.5		3.8	5.6#
51	22.0		28.2	42.4#
120	22.6		17.4	26.2





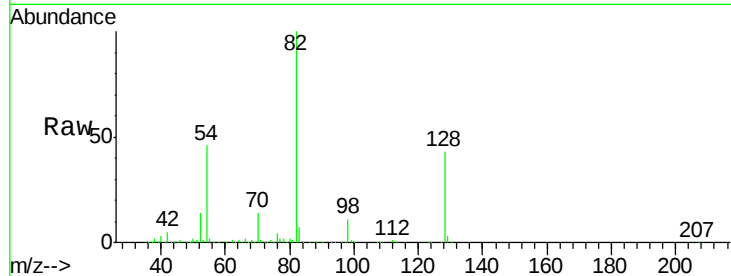
#23
Nitrobenzene-d5
Concen: 87.18 ng
RT: 7.51 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
S8-0617MS

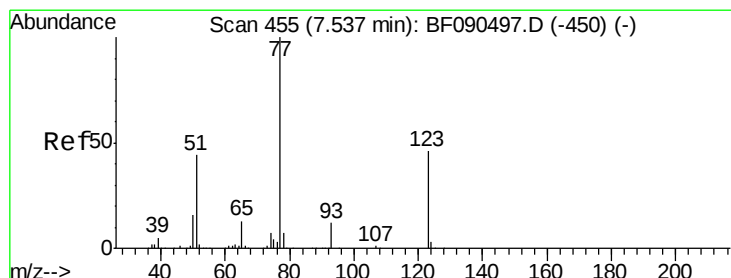
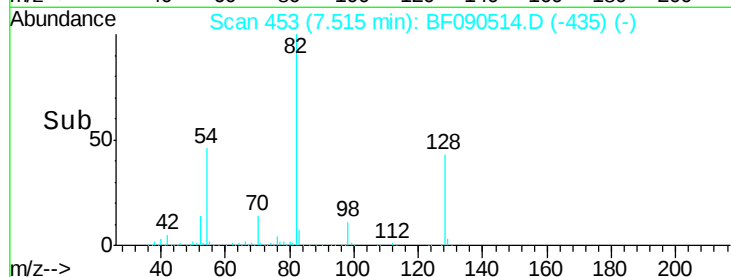
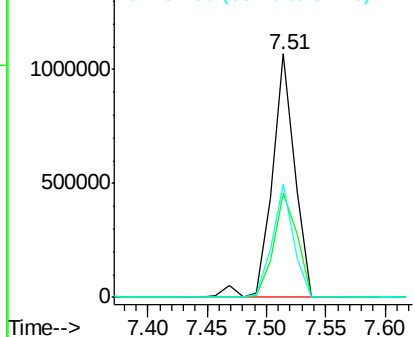
Tot Ion	82	Resp	1409749
Ion Ratio	100	Lower	Upper
128	43.0	40.0	60.0
54	46.3	42.6	64.0

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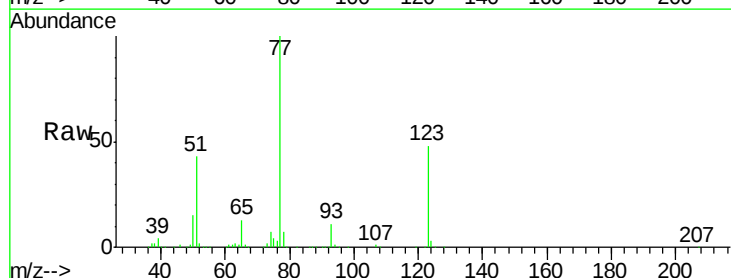


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

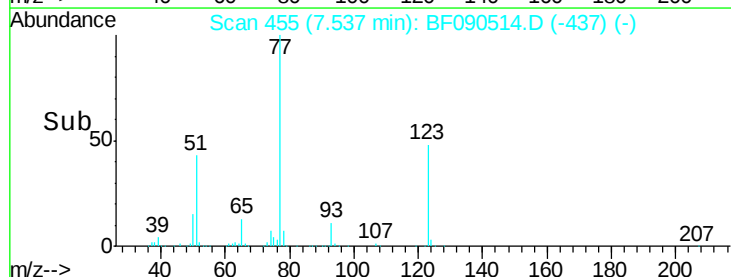
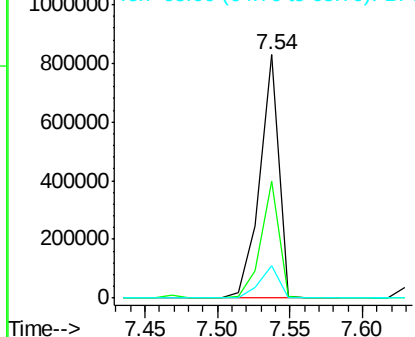


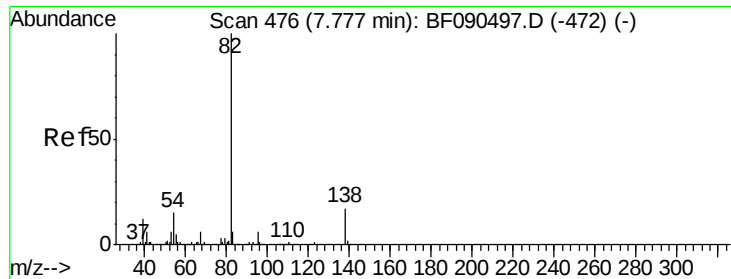
#24
Nitrobenzene
Concen: 43.45 ng
RT: 7.54 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Tgt Ion	77	Resp	753520
Ion Ratio	100	Lower	Upper
123	47.8	33.0	49.4
65	13.3	12.0	18.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.46 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Instrument :

BNA_F

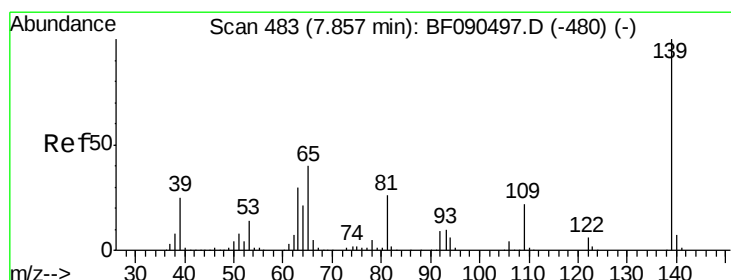
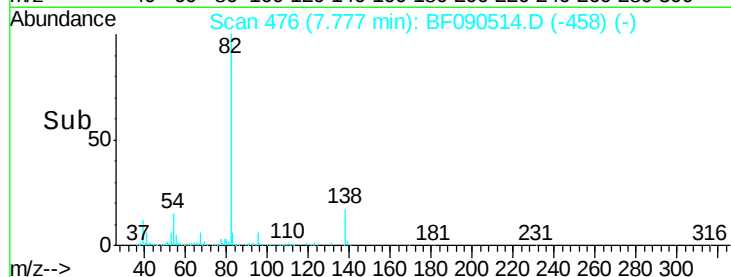
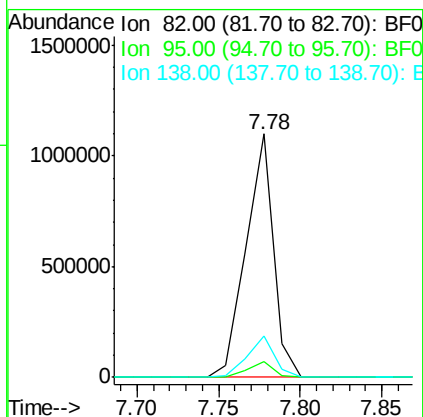
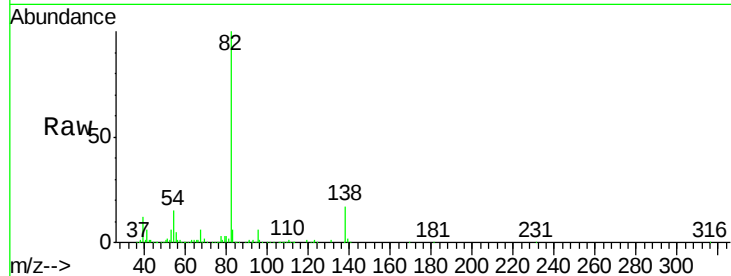
ClientSampled :

S8-0617MS

Tot Ion:	82	Resp:	1279027
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.2	7.8
138	17.0	13.0	19.4

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#26

2-Nitrophenol

Concen: 42.52 ng

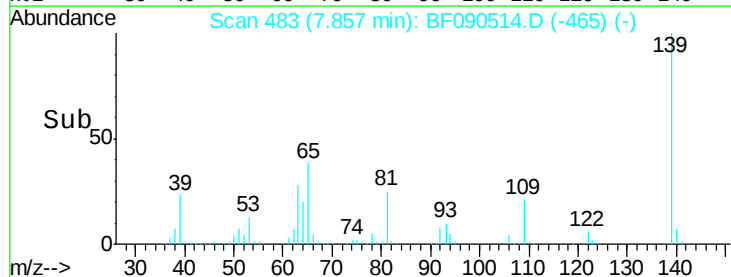
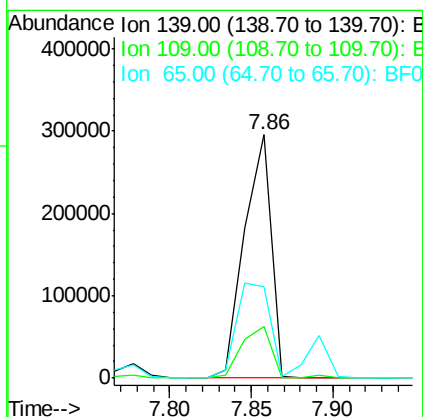
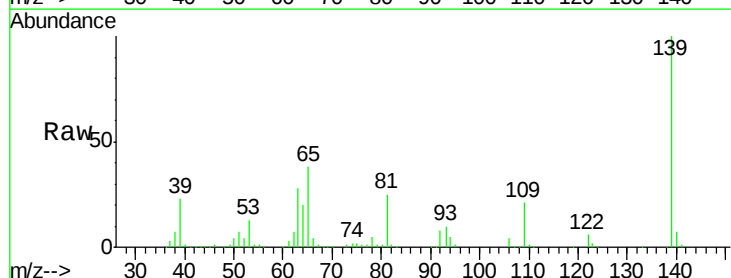
RT: 7.86 min Scan# 483

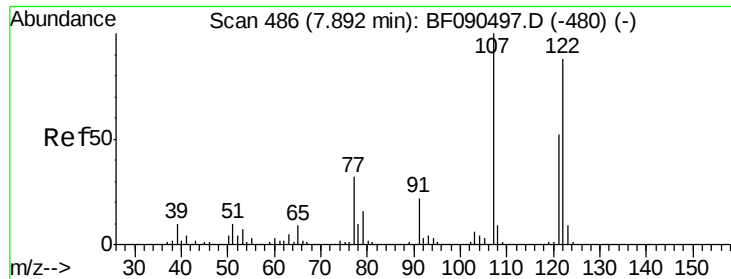
Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Tgt Ion:	139	Resp:	336421
Ion	Ratio	Lower	Upper
139	100		
109	21.4	18.9	28.3
65	37.5	31.6	47.4





#27

2,4-Dimethylphenol

Concen: 38.33 ng

RT: 7.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Instrument :

BNA_F

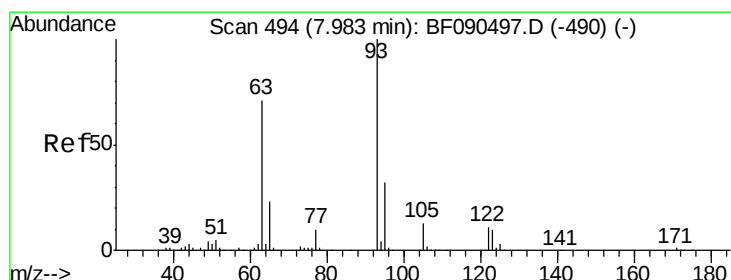
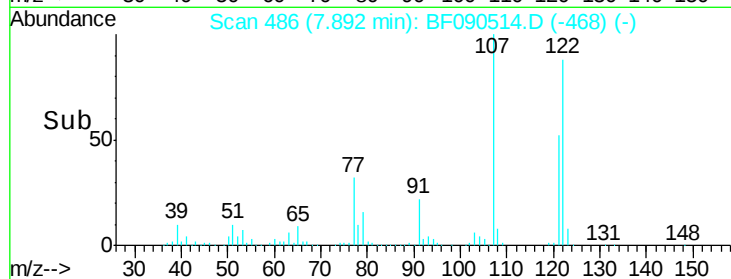
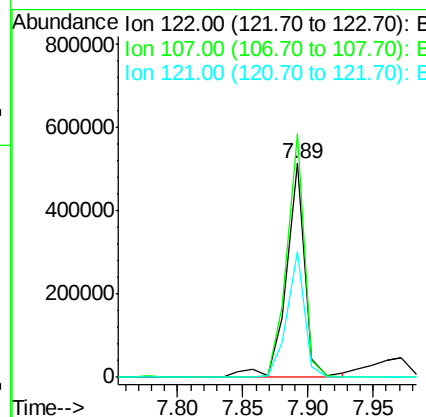
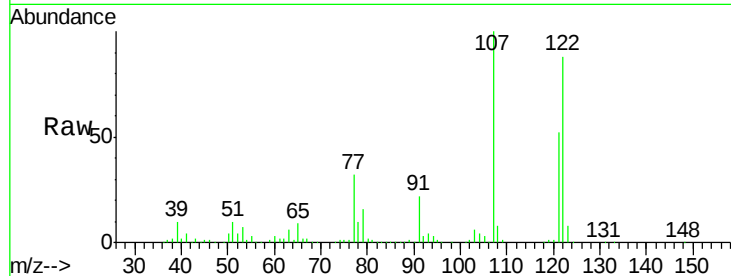
ClientSampleId :

S8-0617MS

Tot Ion:	122	Resp:	515531
Ion Ratio	Lower	Upper	
122	100		
107	114.0	88.6	132.8
121	58.8	47.5	71.3

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#28

bis(2-Chloroethoxy)methane

Concen: 42.85 ng

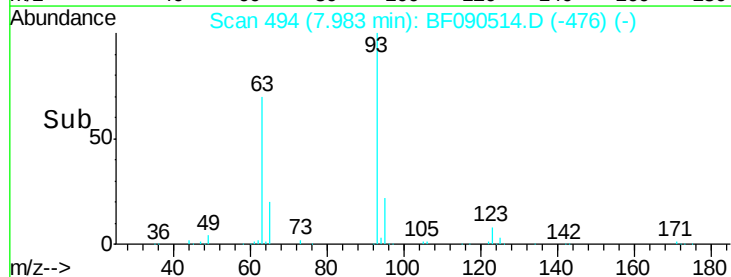
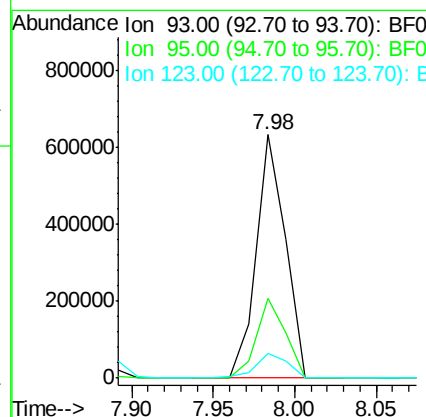
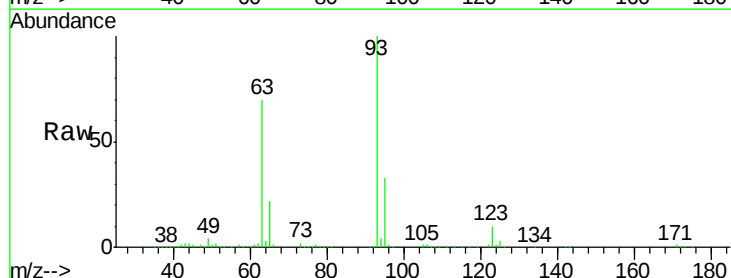
RT: 7.98 min Scan# 494

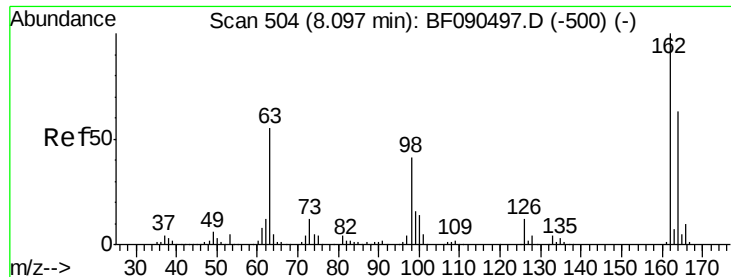
Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Tgt Ion:	93	Resp:	778710
Ion Ratio	Lower	Upper	
93	100		
95	32.6	27.0	40.4
123	10.3	11.1	16.7#





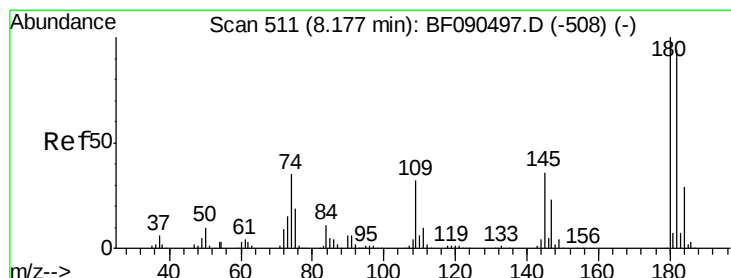
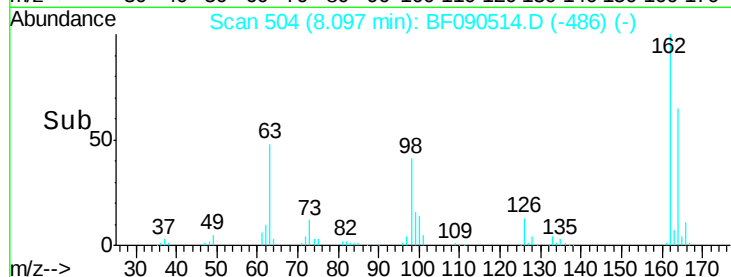
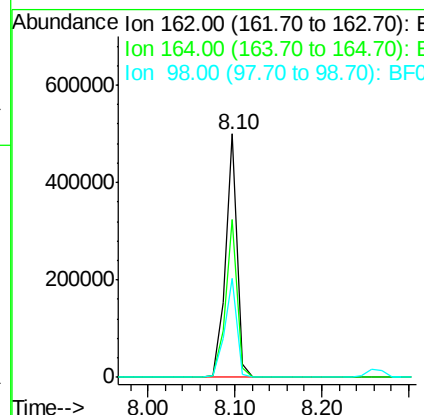
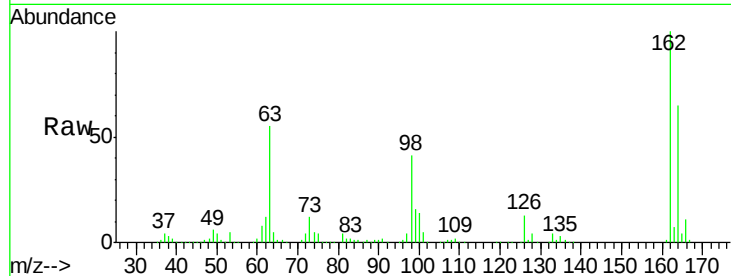
#29
 2,4-Dichlorophenol
 Concen: 42.16 ng
 RT: 8.10 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF090514.D
 Acq: 11 Oct 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	45.7	85.7
98	40.9	13.3	53.3

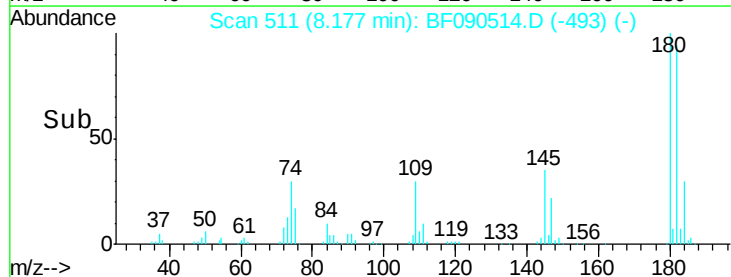
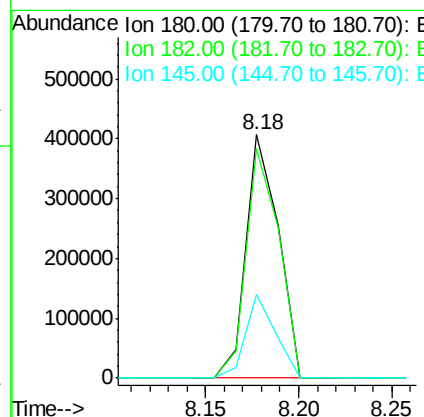
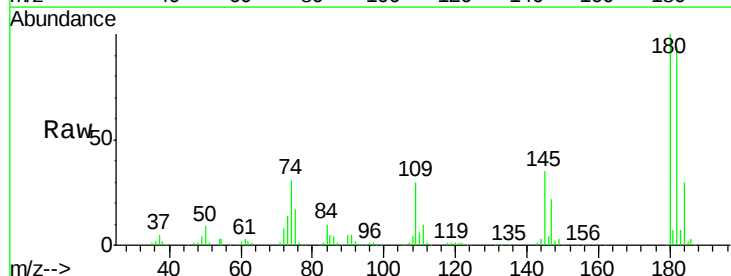
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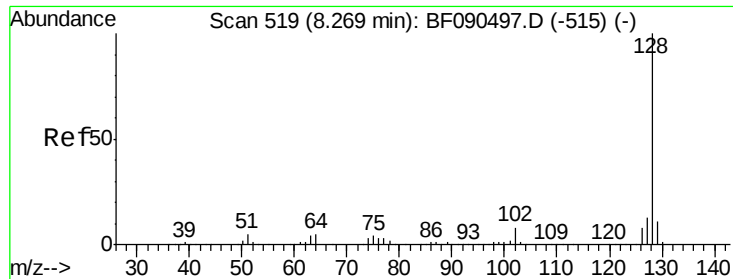
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.72 ng
 RT: 8.18 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF090514.D
 Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.3	112.9
145	34.5	27.7	41.5





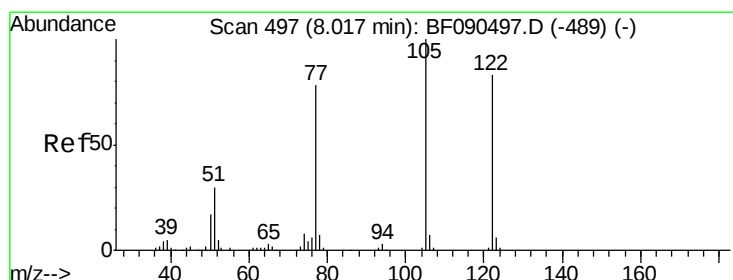
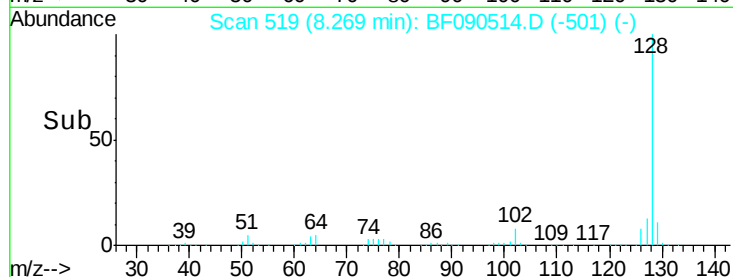
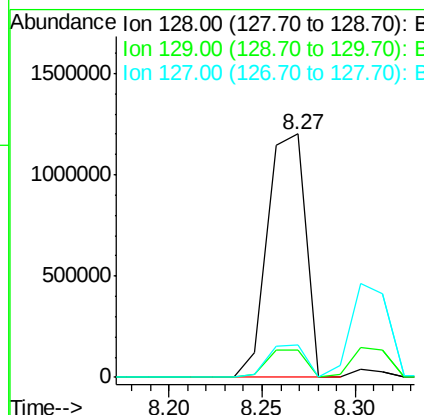
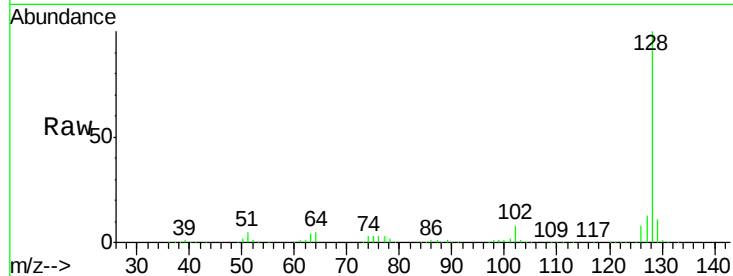
#31
Naphthalene
Concen: 38.84 ng
RT: 8.27 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
S8-0617MS

Tot Ion:128 Resp: 1697173
Ion Ratio Lower Upper
128 100
129 11.1 9.7 14.5
127 13.1 11.7 17.5

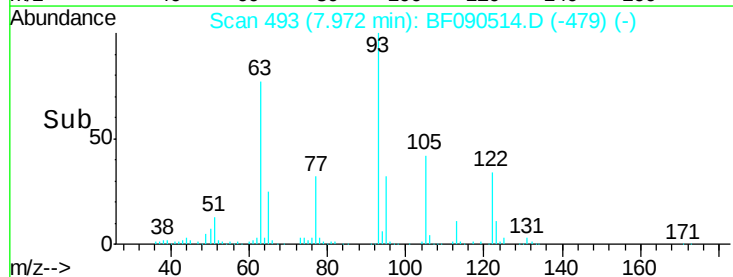
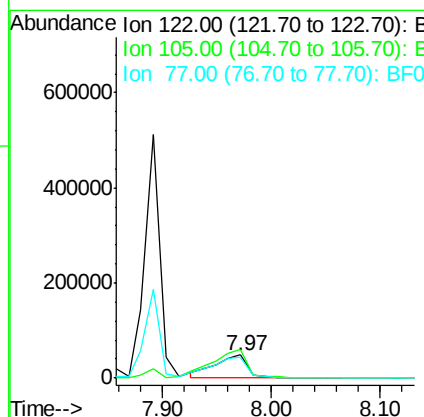
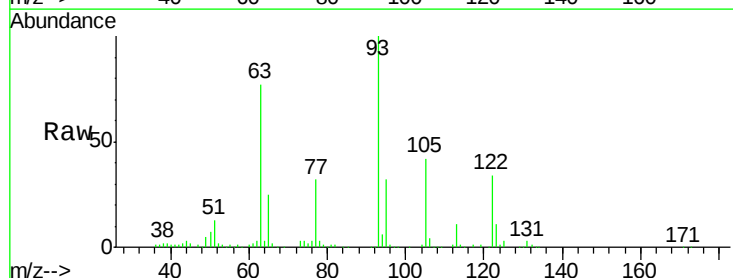
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#32
Benzoic acid
Concen: 9.52 ng
RT: 7.97 min Scan# 493
Delta R.T. -0.05 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Tgt Ion:122 Resp: 101070
Ion Ratio Lower Upper
122 100
105 122.0 103.9 143.9
77 92.7 74.6 114.6





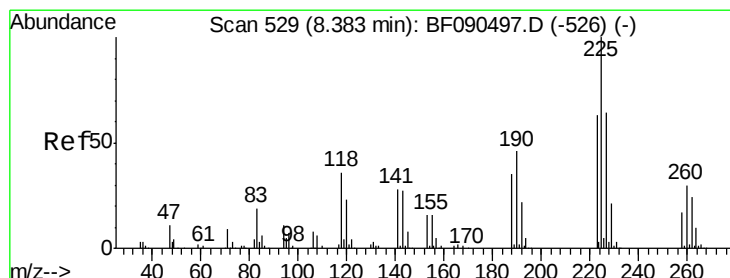
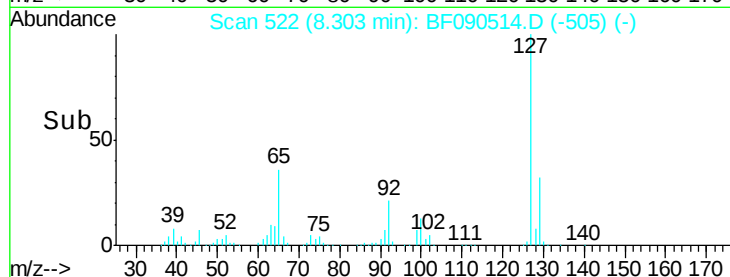
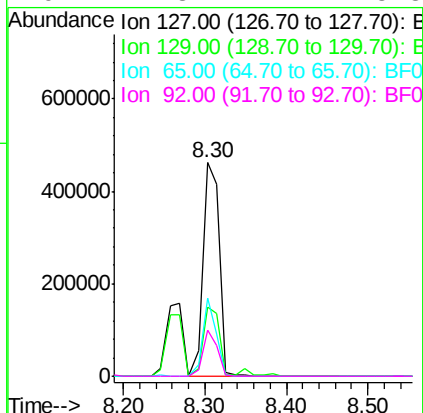
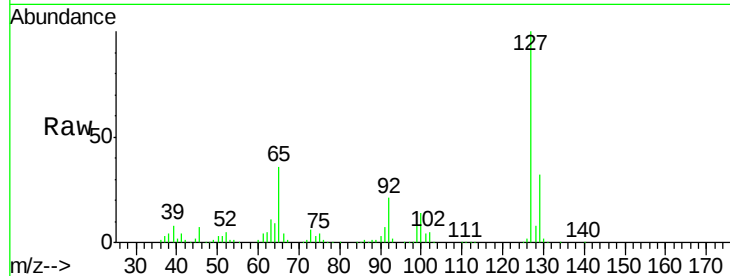
#33
4-Chloroaniline
Concen: 35.27 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
S8-0617MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.2	39.4		
65	36.3	32.5	48.7		
92	21.3	17.2	25.8		

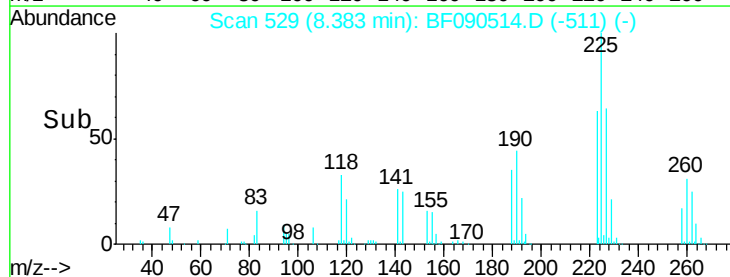
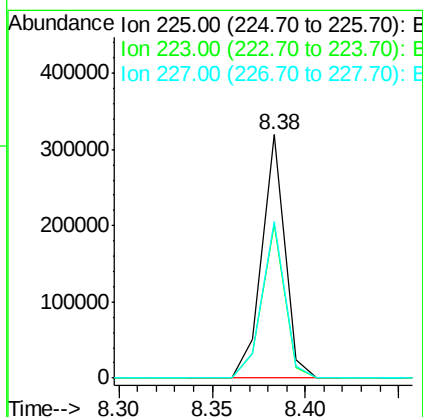
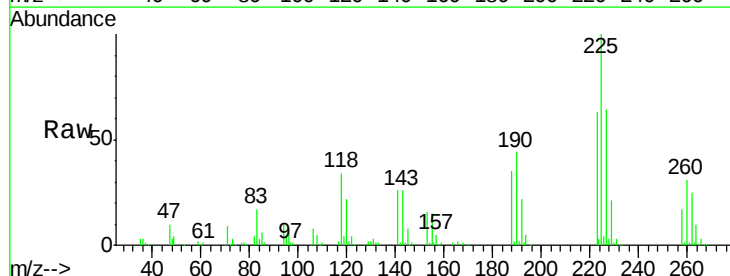
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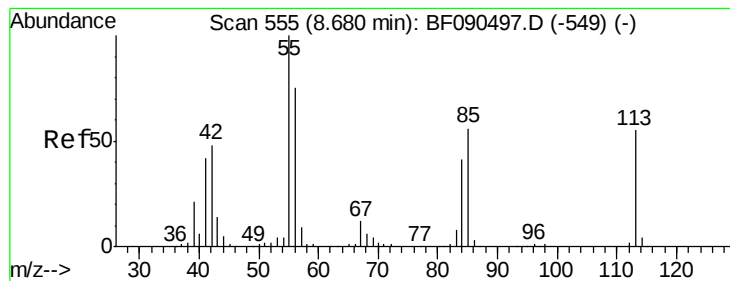
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#34
Hexachlorobutadiene
Concen: 37.50 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	51.0	76.4		
227	64.3	50.8	76.2		





#35

Caprolactam

Concen: 7.11 ng

RT: 8.68 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Instrument :

BNA_F

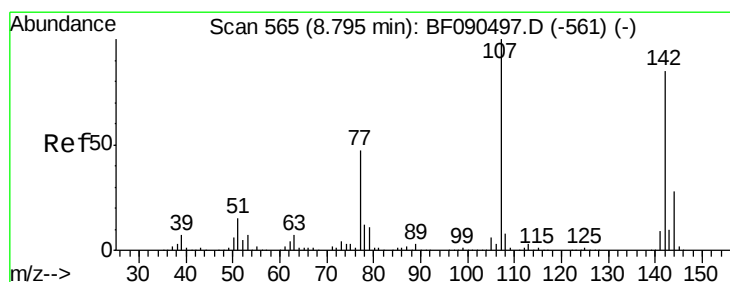
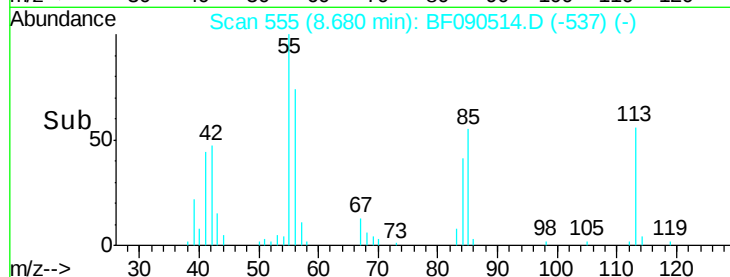
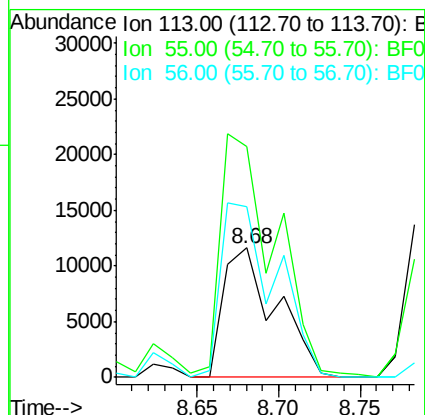
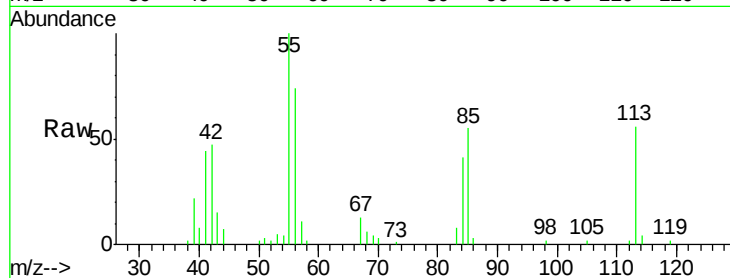
ClientSampleId :

S8-0617MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	178.9	203.3	243.3#
56	132.0	140.5	180.5#

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#36

4-Chloro-3-methylphenol

Concen: 35.80 ng

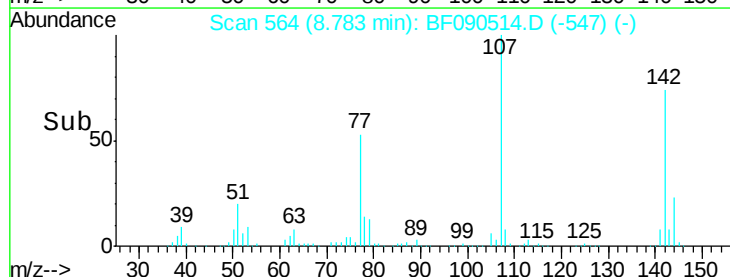
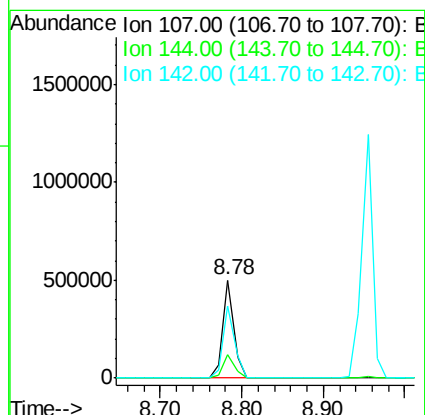
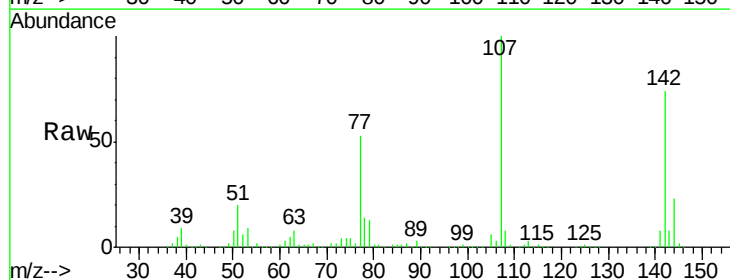
RT: 8.78 min Scan# 564

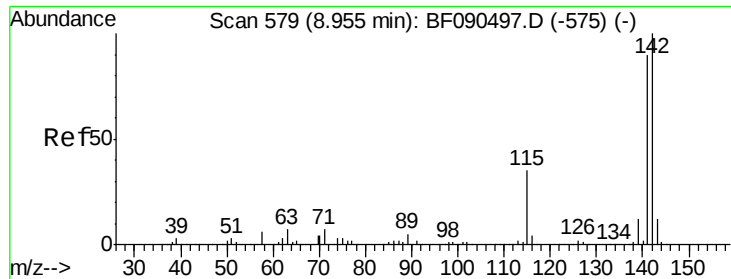
Delta R.T. -0.01 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.8	29.8
142	74.0	60.7	91.1





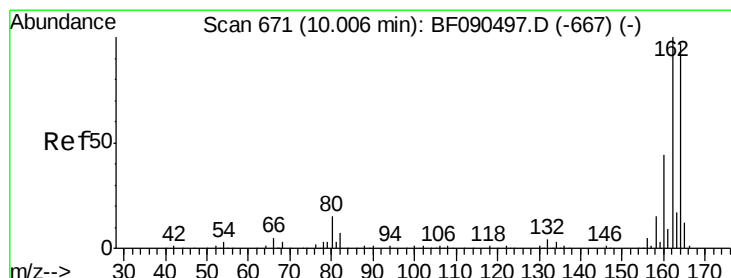
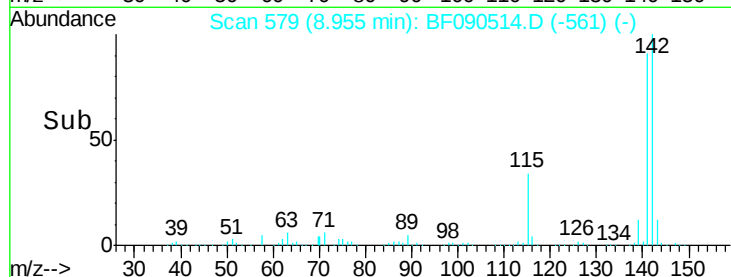
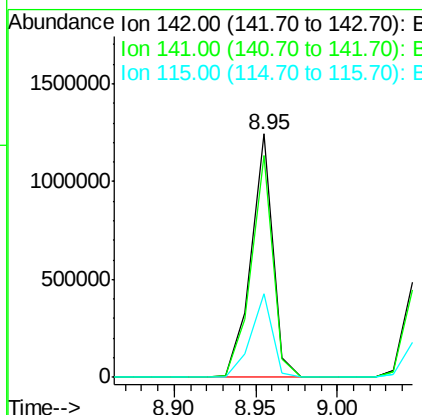
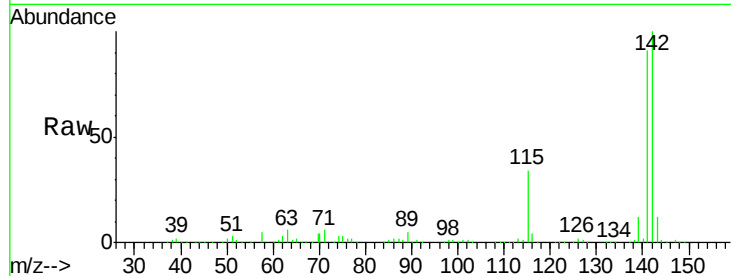
#37
2-Methylnaphthalene
Concen: 39.40 ng
RT: 8.95 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
S8-0617MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.8	107.8
115	34.3	28.8	43.2

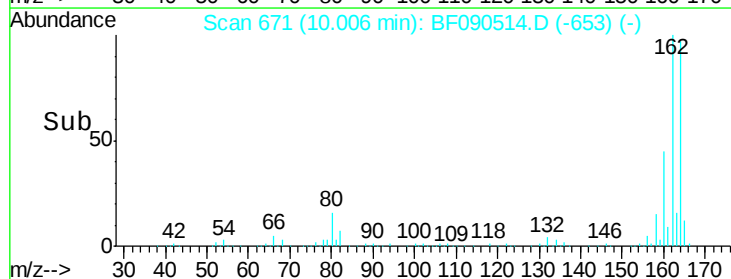
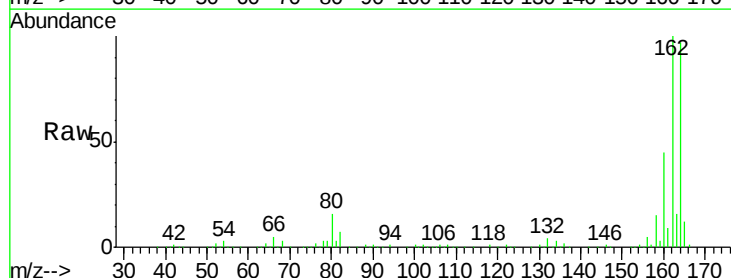
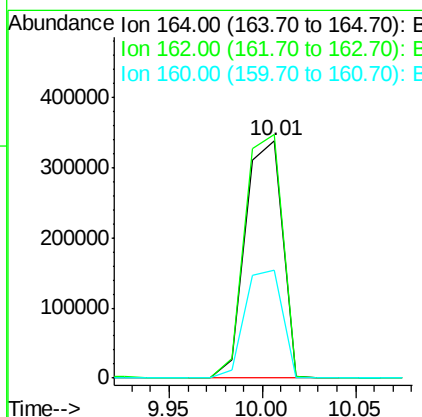
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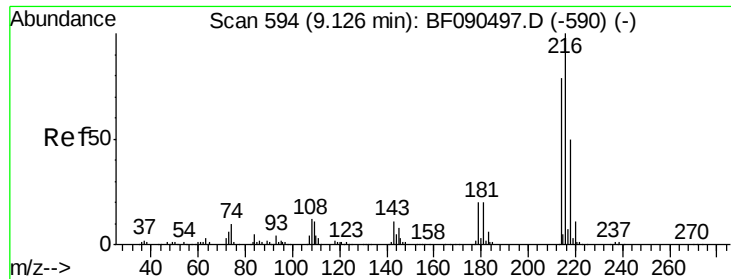
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.1	120.1
160	45.7	36.3	54.5





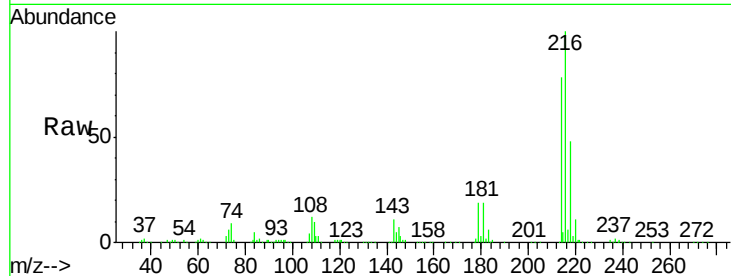
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.96 ng
 RT: 9.13 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF090514.D
 Acq: 11 Oct 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MS

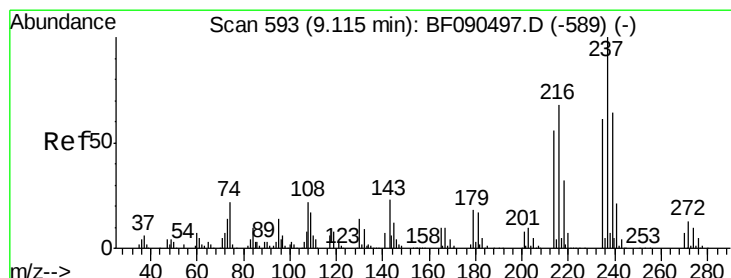
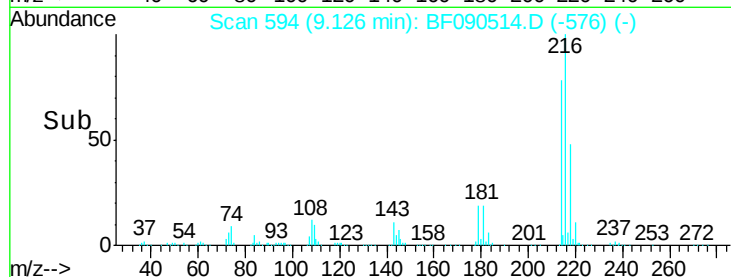
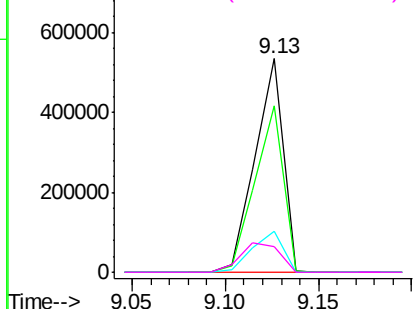
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		558632		
214	78.1	64.2	96.2		
179	21.1	18.0	27.0		
108	19.0	15.2	22.8		

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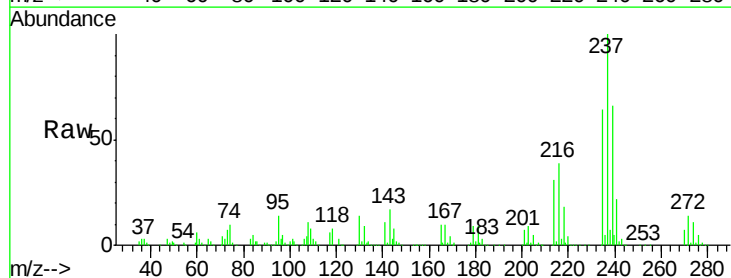


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

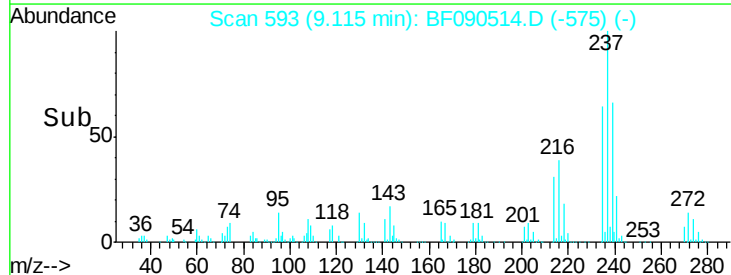
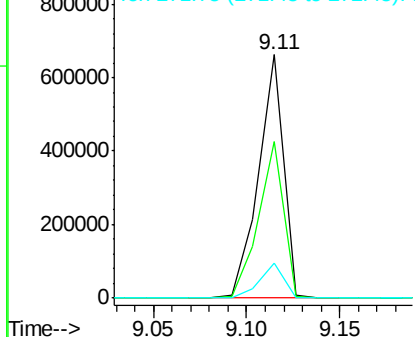


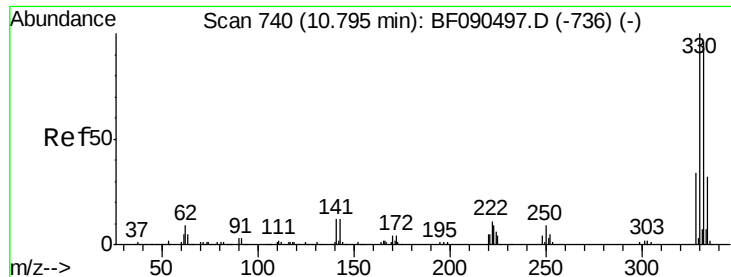
#40
 Hexachlorocyclopentadiene
 Concen: 95.11 ng
 RT: 9.11 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF090514.D
 Acq: 11 Oct 2016 20:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		613789		
235	64.2	43.6	83.6		
272	14.2	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





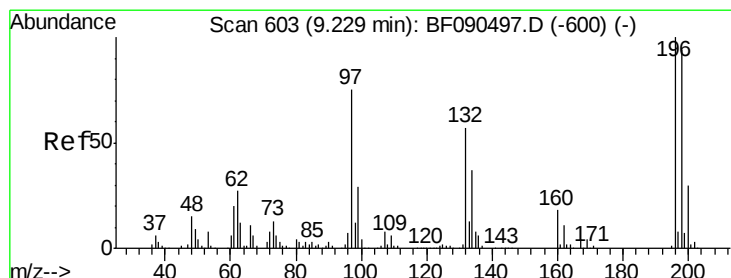
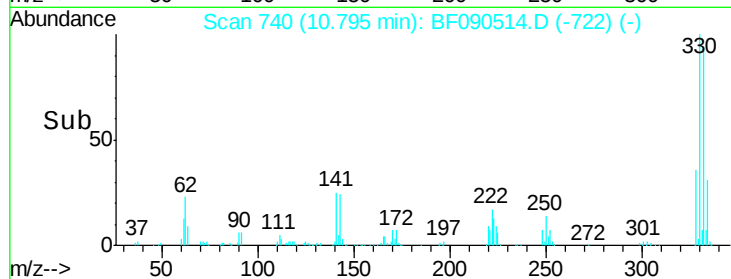
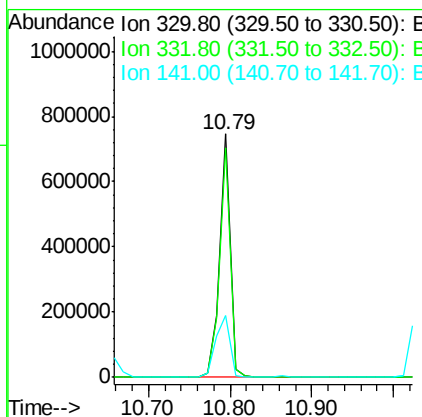
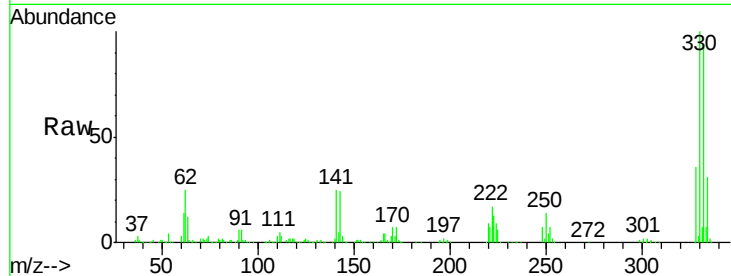
#41
 2,4,6-Tribromophenol
 Concen: 147.32 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090514.D
 Acq: 11 Oct 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	678238		
332	94.6	75.4	113.0	
141	34.1	26.9	40.3	

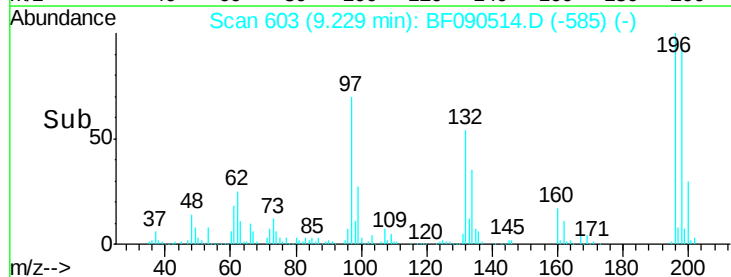
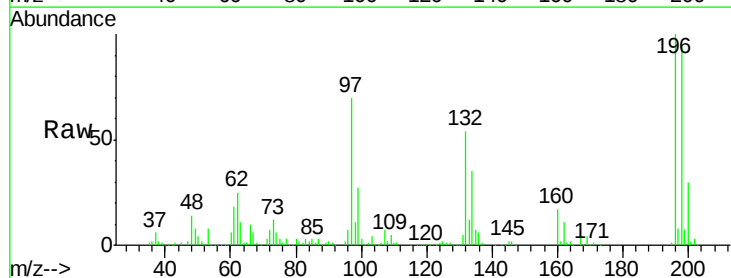
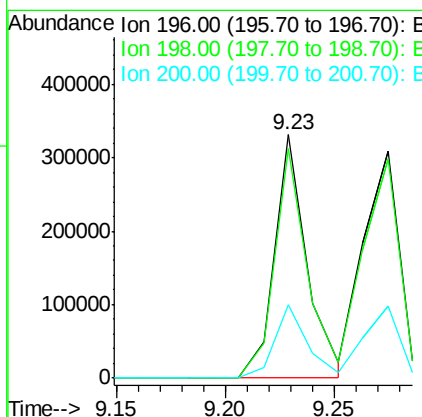
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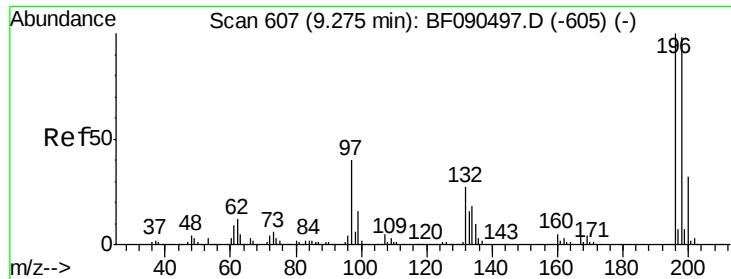
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#42
 2,4,6-Trichlorophenol
 Concen: 39.63 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090514.D
 Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	347406		
198	94.4	78.9	118.3	
200	30.4	25.4	38.2	





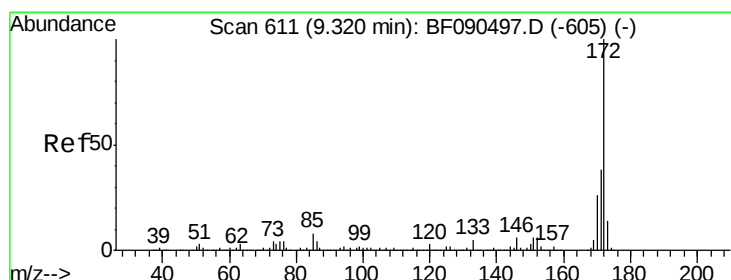
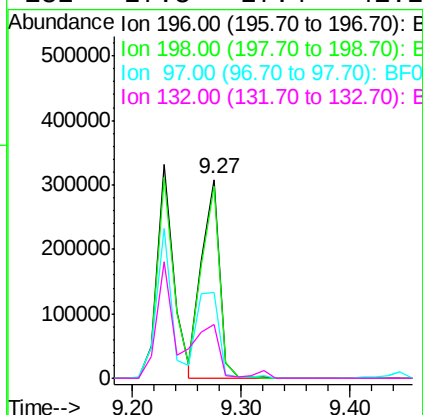
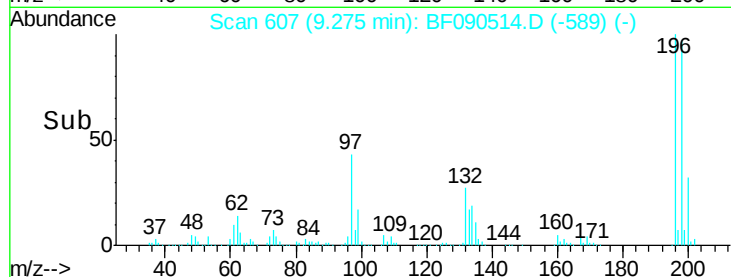
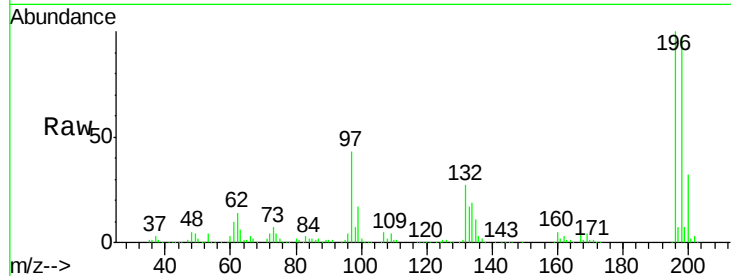
#43
 2,4,5-Trichlorophenol
 Concen: 41.20 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090514.D
 Acq: 11 Oct 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	357388		
198	96.8	78.1	117.1	
97	43.2	48.1	72.1	#
132	27.3	27.4	41.2	#

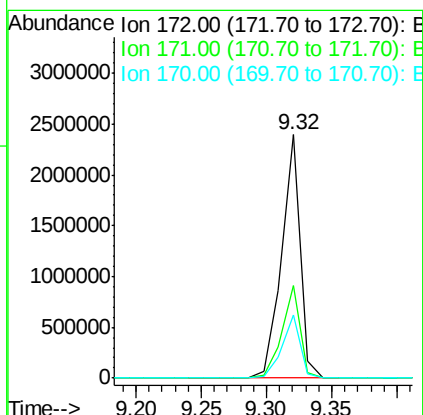
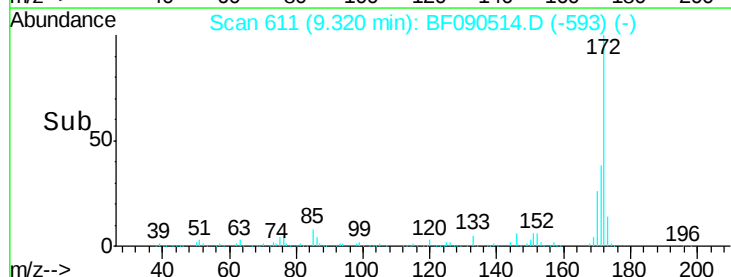
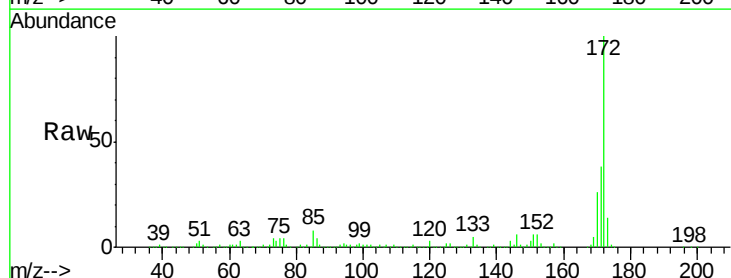
Manual Integrations
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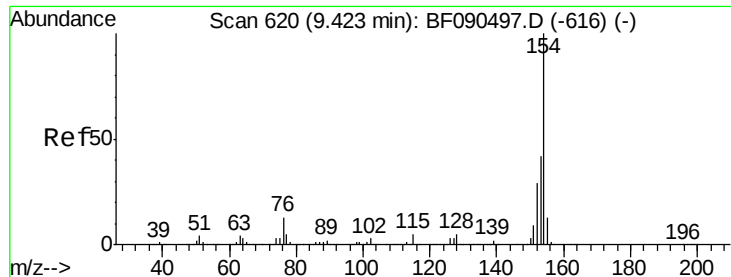
sohil
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#44
 2-Fluorobiphenyl
 Concen: 86.69 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090514.D
 Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2395844		
171	37.9	31.8	47.8	
170	25.9	21.7	32.5	





#45

1,1'-Biphenyl

Concen: 42.64 ng

RT: 9.42 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Instrument :

BNA_F

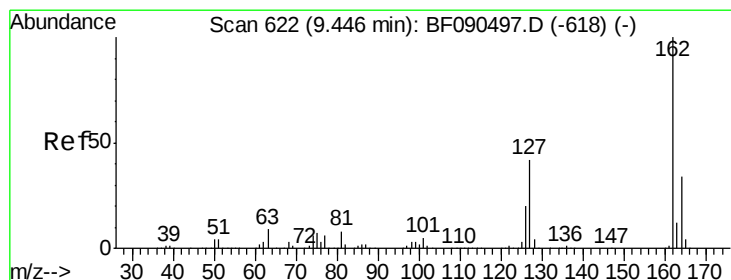
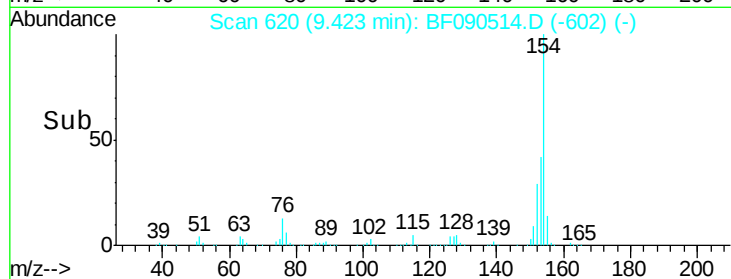
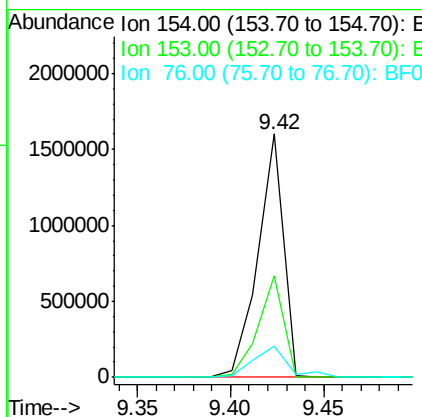
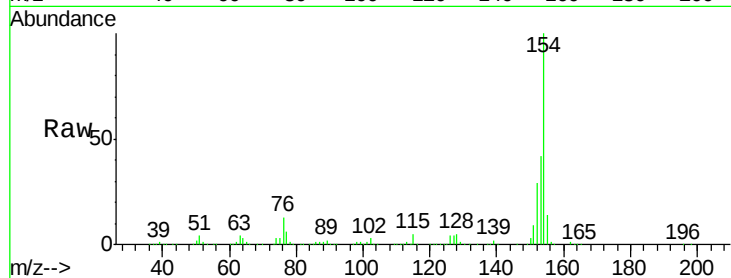
ClientSampleId :

S8-0617MS

Tot Ion:	154	Resp:	1512461
Ion	Ratio	Lower	Upper
154	100		
153	41.8	23.8	63.8
76	12.7	0.0	35.8

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 43.70 ng

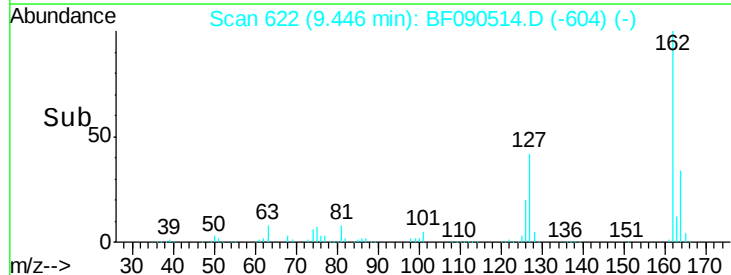
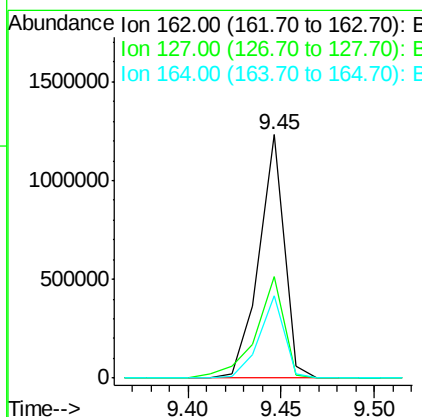
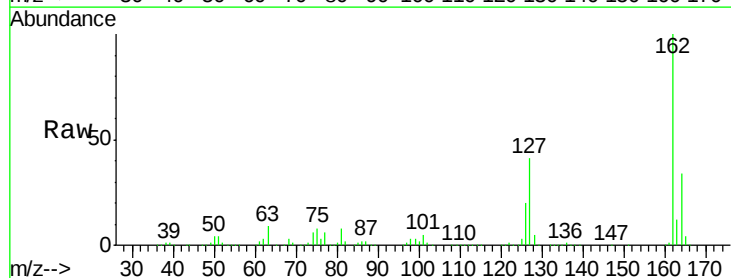
RT: 9.45 min Scan# 622

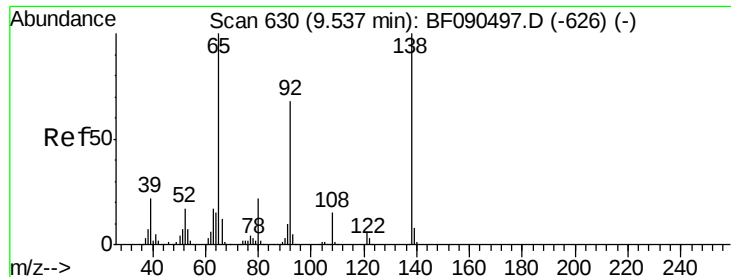
Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Tgt Ion:	162	Resp:	1153410
Ion	Ratio	Lower	Upper
162	100		
127	41.5	35.6	53.4
164	33.8	27.5	41.3





#47

2-Nitroaniline

Concen: 42.85 ng

RT: 9.54 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Instrument :

BNA_F

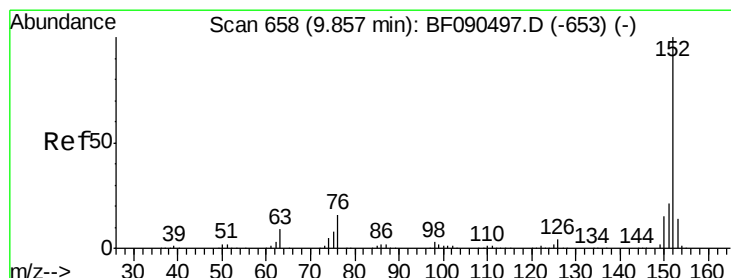
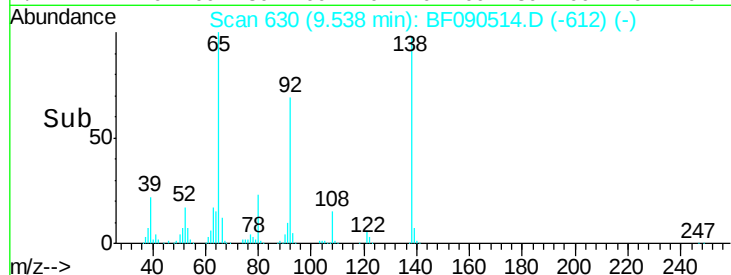
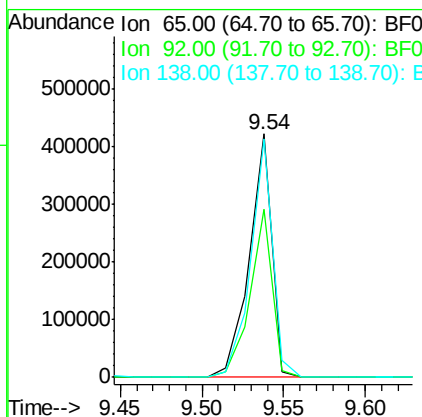
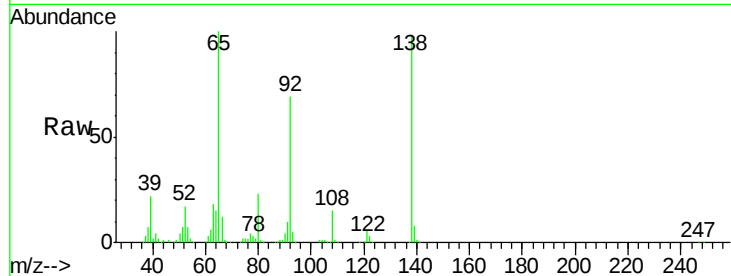
ClientSampled :

S8-0617MS

Tot Ion:	65	Resp:	403416
Ion Ratio	Lower	Upper	
65	100		
92	69.0	51.7	77.5
138	98.2	79.0	118.4

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#48

Acenaphthylene

Concen: 40.61 ng

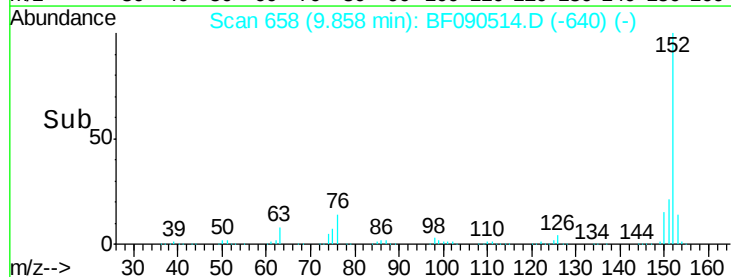
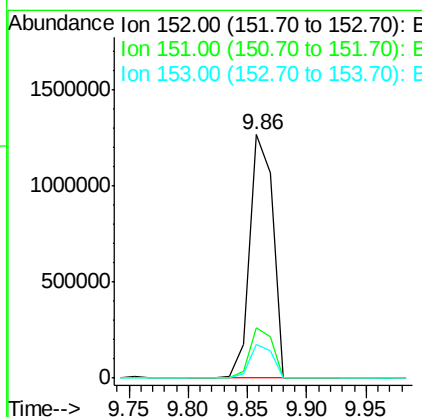
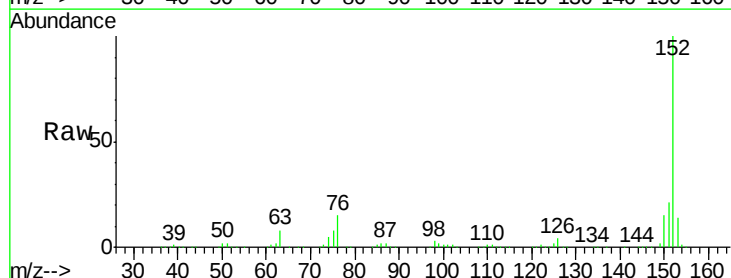
RT: 9.86 min Scan# 658

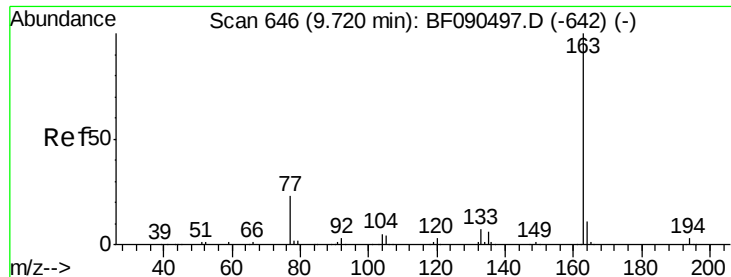
Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Tgt Ion:	152	Resp:	1729125
Ion Ratio	Lower	Upper	
152	100		
151	20.7	17.4	26.0
153	14.0	11.6	17.4





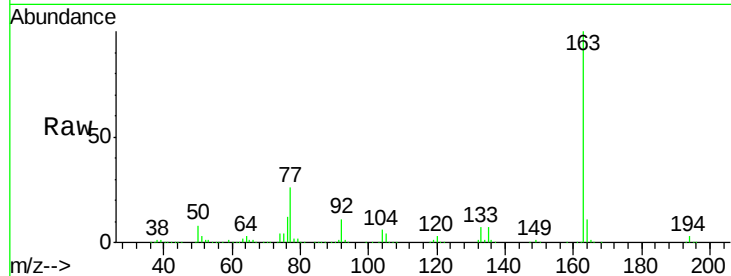
#49
Dimethylphthalate
Concen: 40.89 ng
RT: 9.72 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
S8-0617MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	11.2	9.0	13.4

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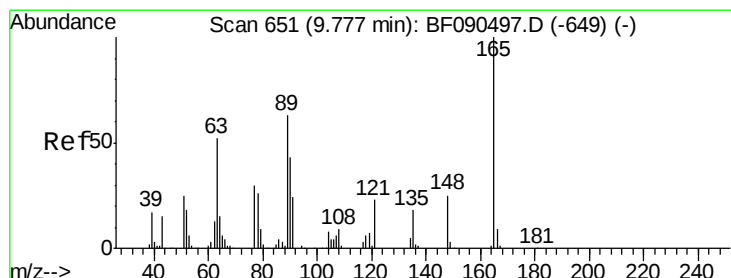
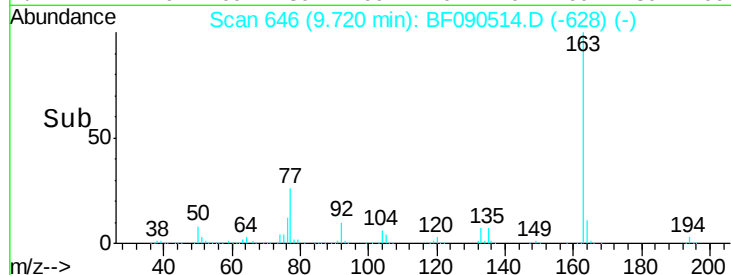
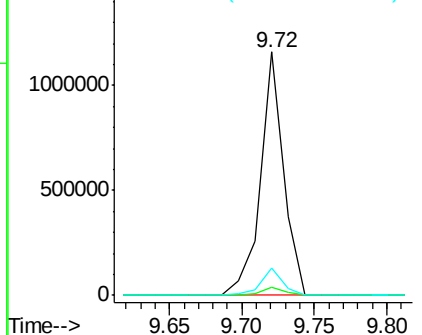


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 40.96 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

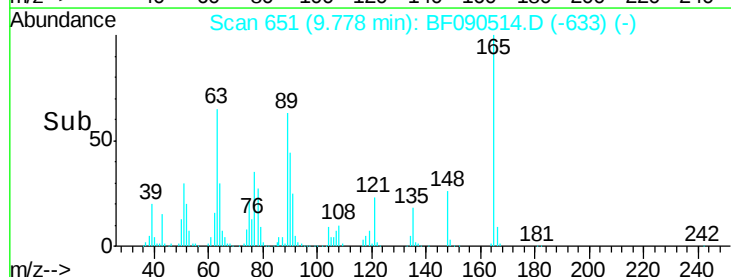
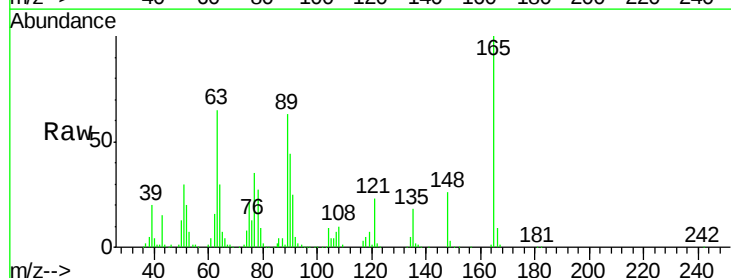
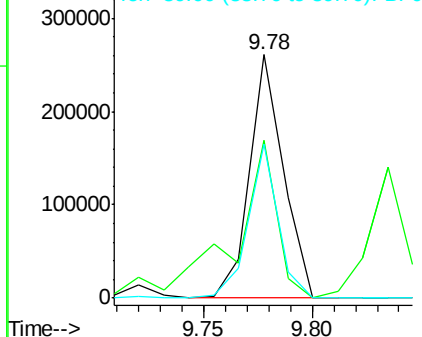
Tgt Ion	Ratio	Lower	Upper
165	100		
63	64.7	58.0	87.0
89	63.5	51.2	76.8

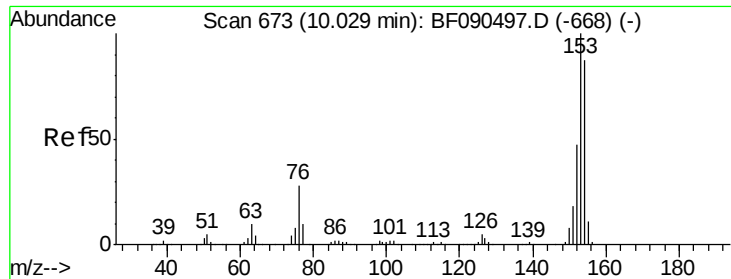
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.54 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

S8-0617MS

Tot Ion:154 Resp: 1214095

Ion Ratio Lower Upper

154 100

153 112.8 88.6 133.0

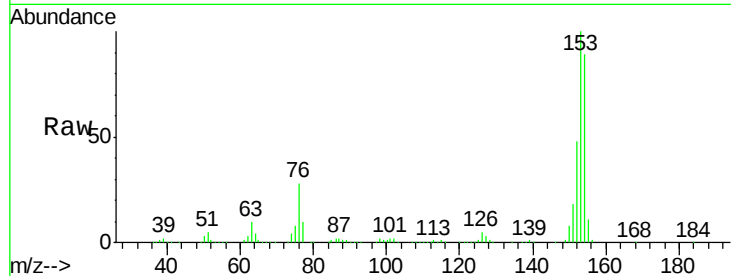
152 53.6 42.6 64.0

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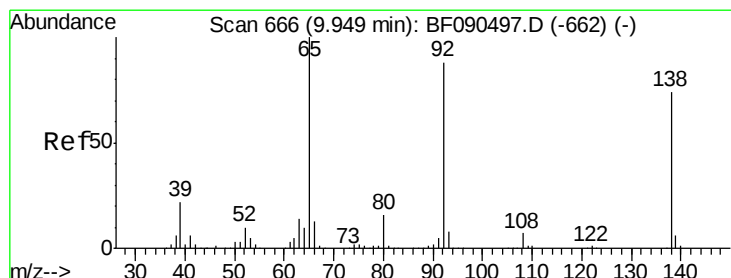
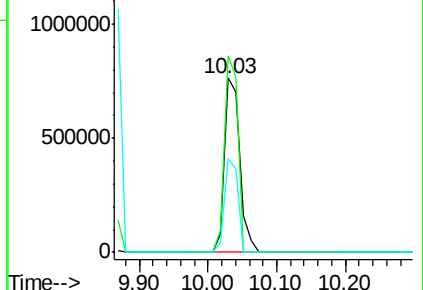
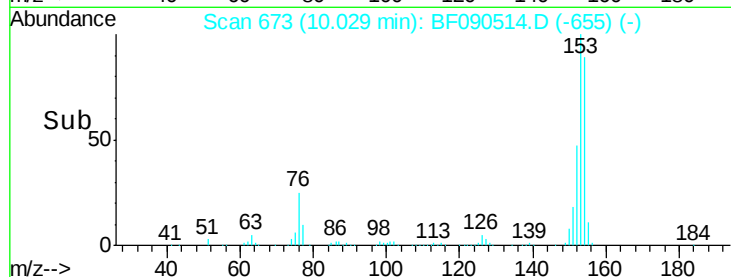
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.68 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

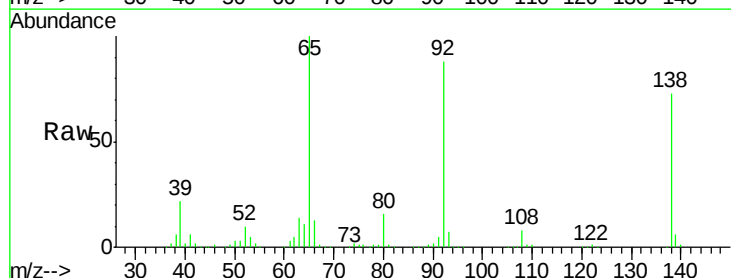
Tgt Ion:138 Resp: 296766

Ion Ratio Lower Upper

138 100

108 10.3 9.7 14.5

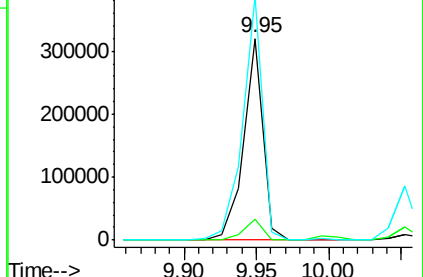
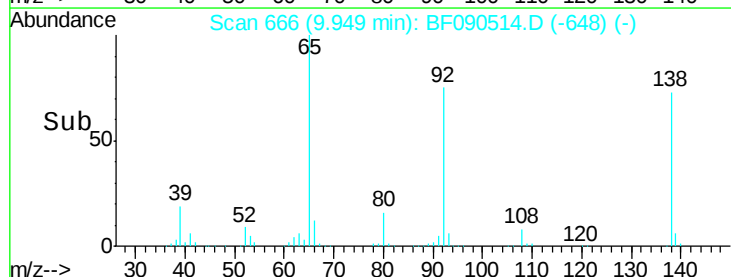
92 120.6 97.1 145.7

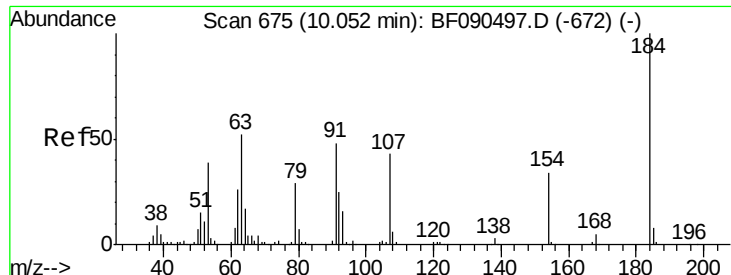


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





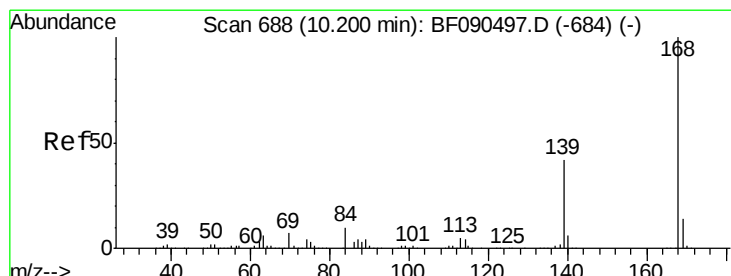
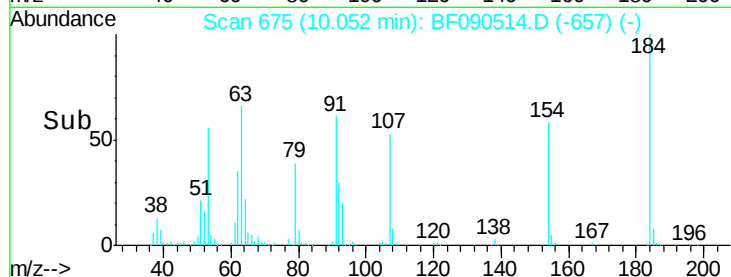
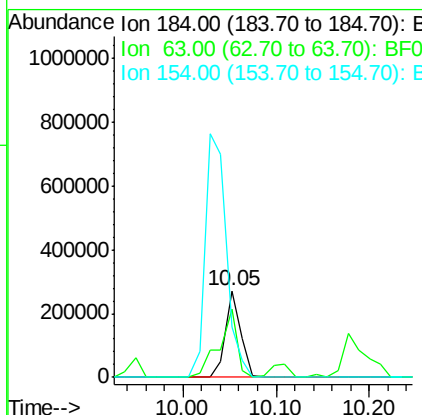
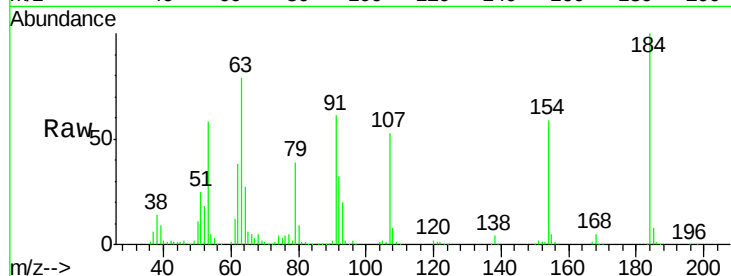
#53
2,4-Dinitrophenol
Concen: 81.69 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
S8-0617MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	79.3	41.9	62.9#
154	58.7	48.9	73.3

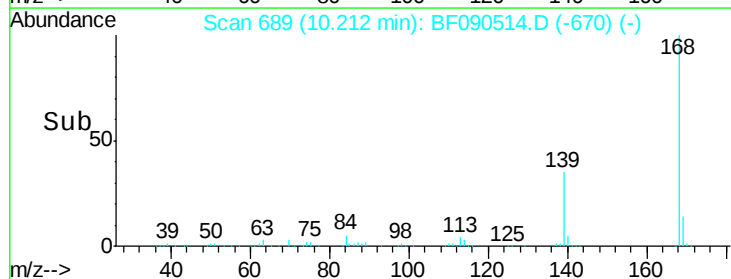
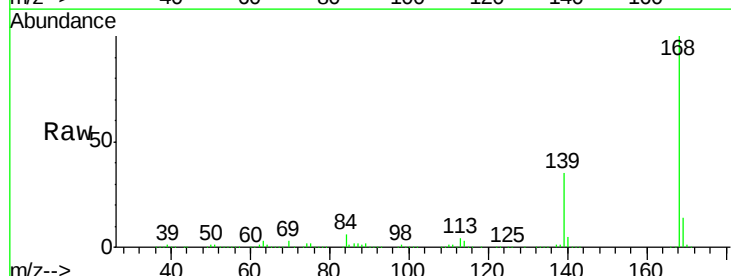
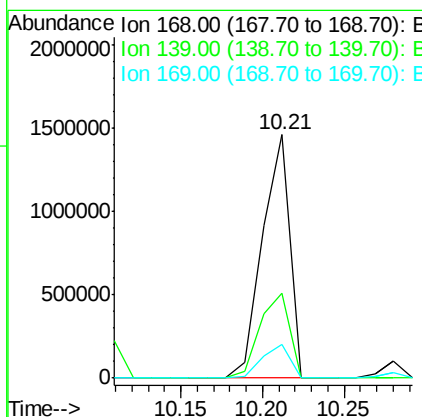
Manual Integrations
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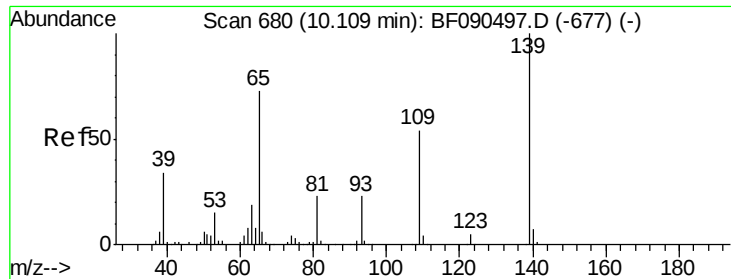
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#54
Dibenzofuran
Concen: 44.87 ng
RT: 10.21 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.0	29.6	44.4
169	13.7	11.3	16.9





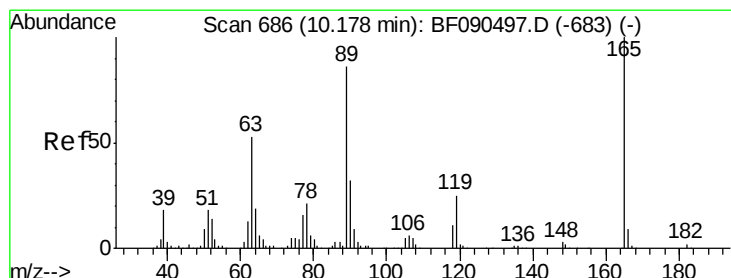
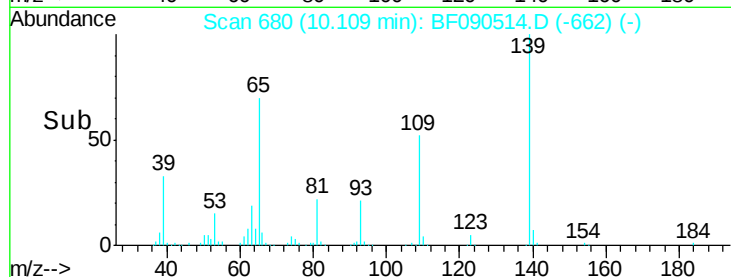
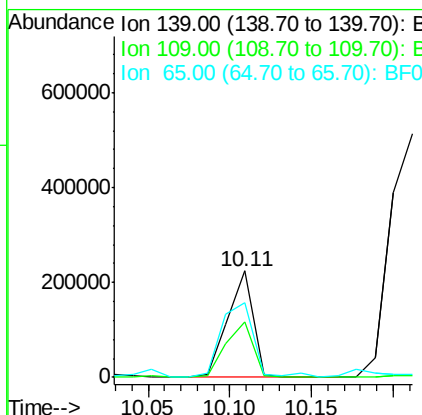
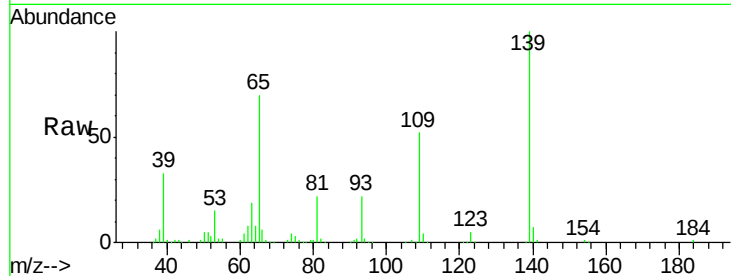
#55
4-Nitrophenol
Concen: 36.38 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
S8-0617MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	241926		
109	52.4	43.6	83.6	
65	69.6	87.5	127.5	

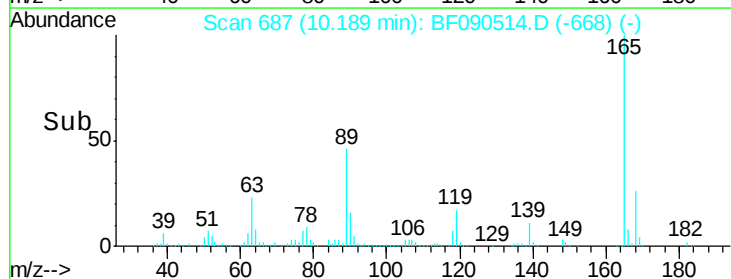
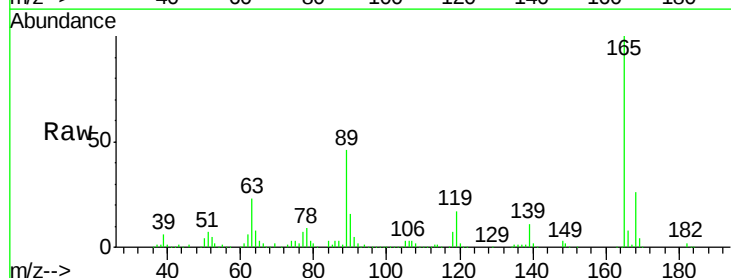
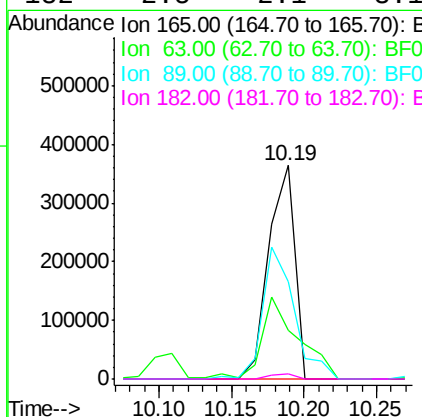
Manual Integrations
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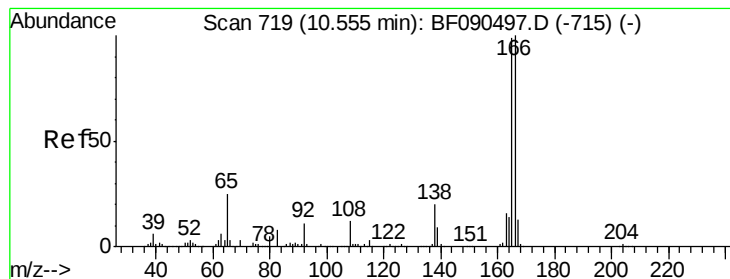
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#56
2,4-Dinitrotoluene
Concen: 49.79 ng
RT: 10.19 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	454191		
63	23.0	17.8	26.6	
89	45.9	33.2	49.8	
182	2.5	2.1	3.1	





#57

Fluorene

Concen: 42.83 ng

RT: 10.55 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

S8-0617MS

Tot Ion:166 Resp: 1327791

Ion Ratio Lower Upper

166 100

165 99.6 79.2 118.8

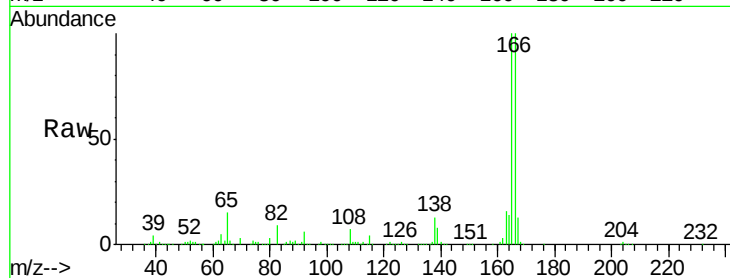
167 13.3 11.1 16.7

Manual Integrations

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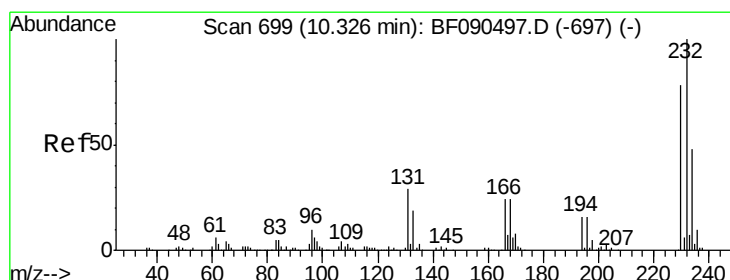
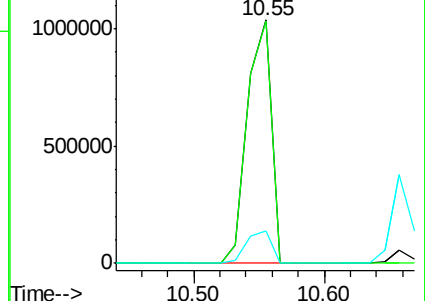
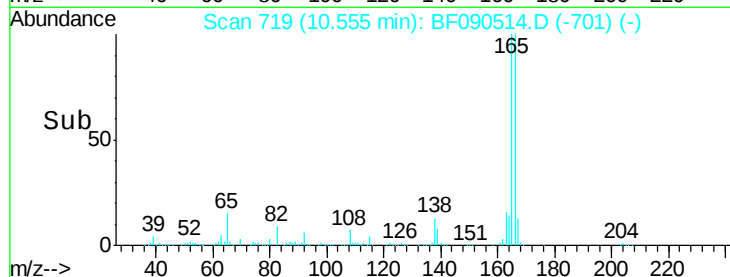
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.46 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Tgt Ion:232 Resp: 343435

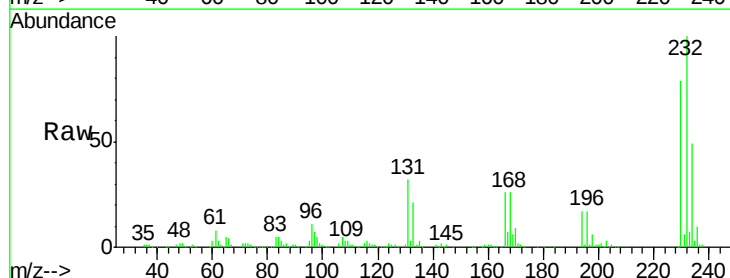
Ion Ratio Lower Upper

232 100

131 44.9 34.5 51.7

130 2.0 1.6 2.4

166 31.4 23.8 35.8

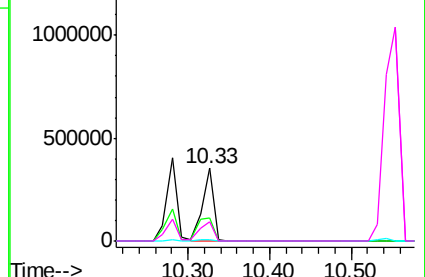
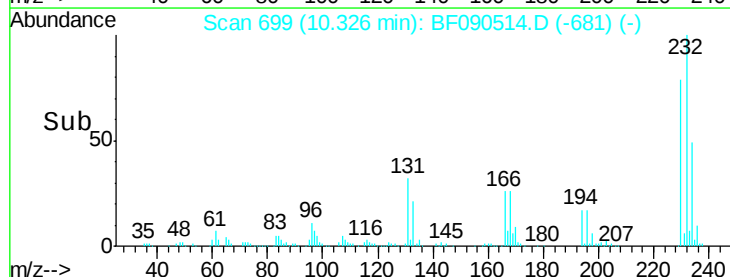


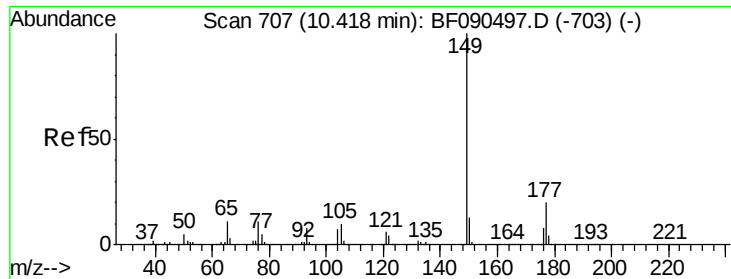
Abundance Ion 232.00 (231.70 to 232.70): E

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





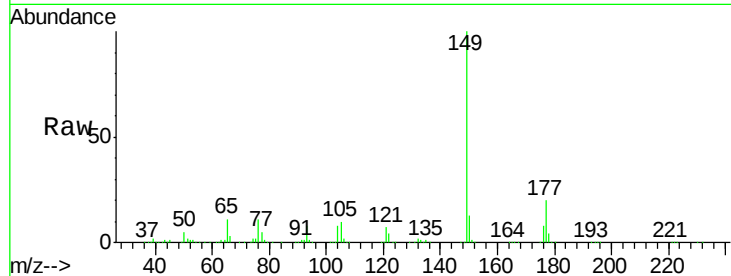
#59
Diethylphthalate
Concen: 44.55 ng
RT: 10.42 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
S8-0617MS

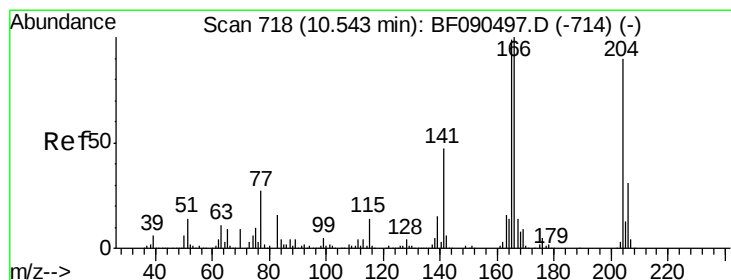
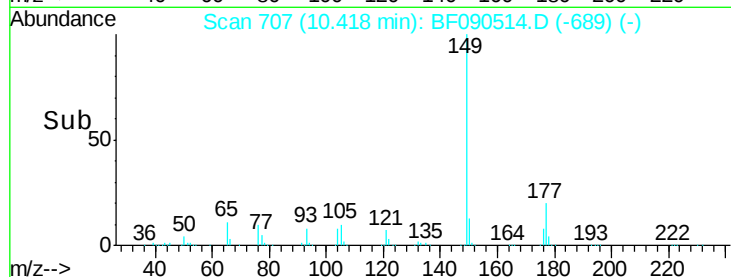
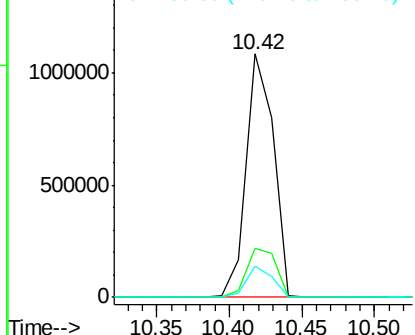
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.1	21.1	31.7#
150	12.9	10.2	15.2

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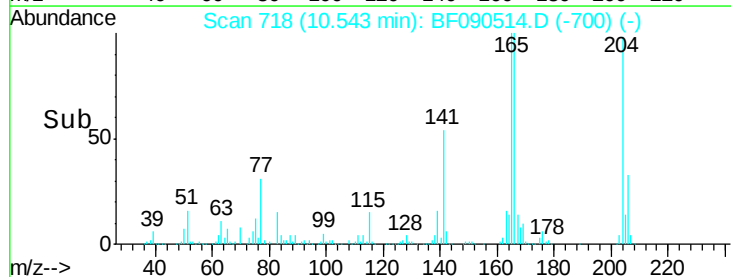
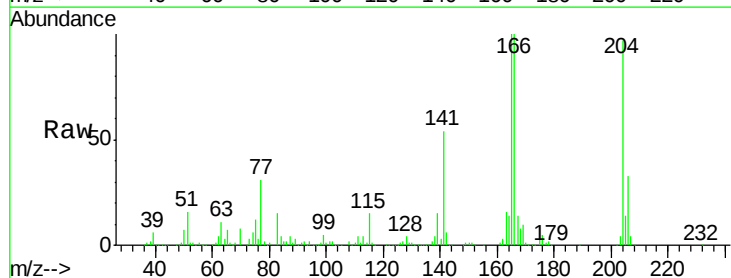
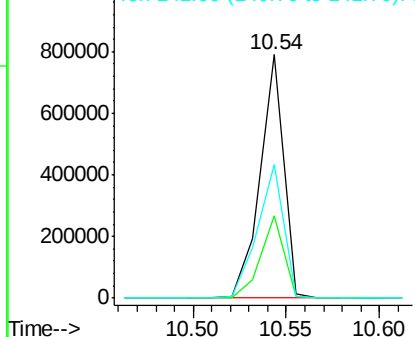
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

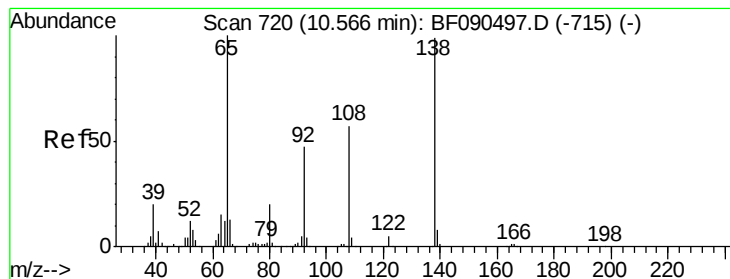


#60
4-Chlorophenyl-phenylether
Concen: 47.92 ng
RT: 10.54 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.7	40.1
141	54.9	51.7	77.5

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





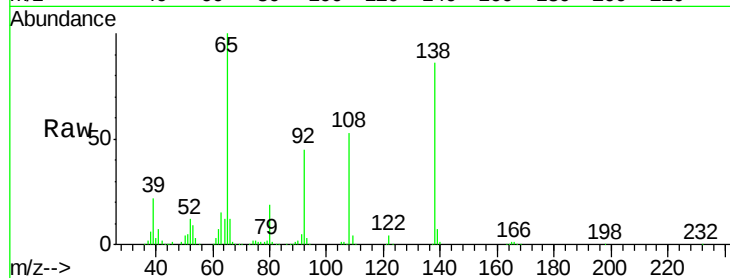
#61
4-Nitroaniline
Concen: 38.07 ng
RT: 10.57 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
S8-0617MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.1	33.2	73.2
108	61.2	48.5	88.5

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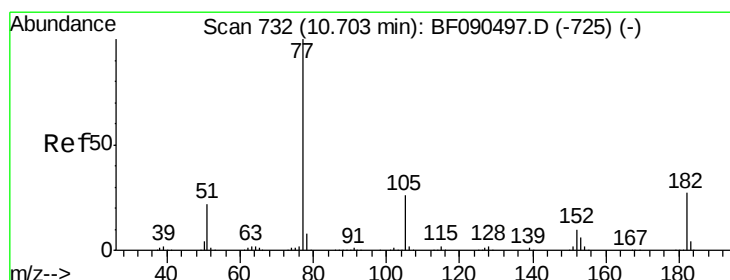
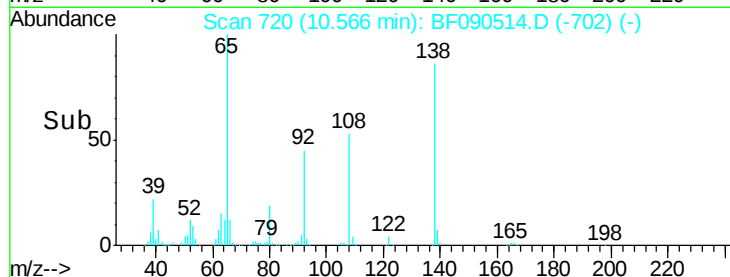
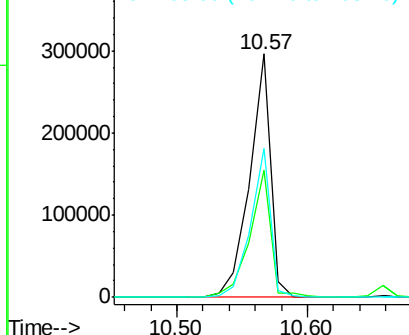


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 46.74 ng
RT: 10.70 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.9	3.2	43.2
105	25.5	2.9	42.9
51	22.8	14.2	54.2

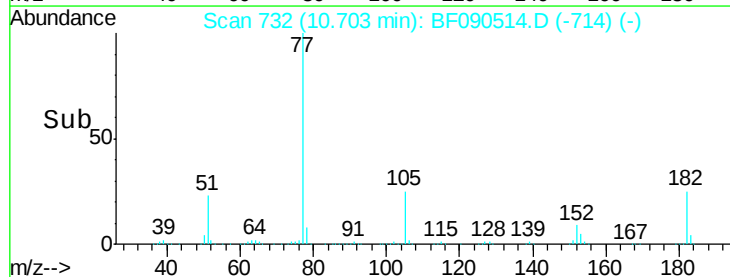
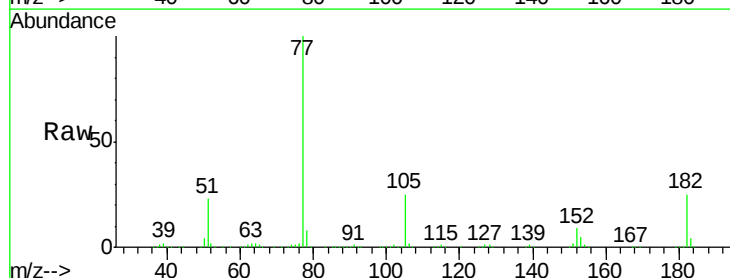
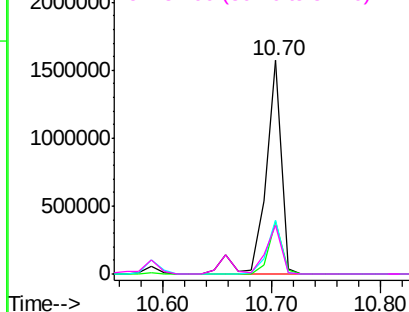
Abundance

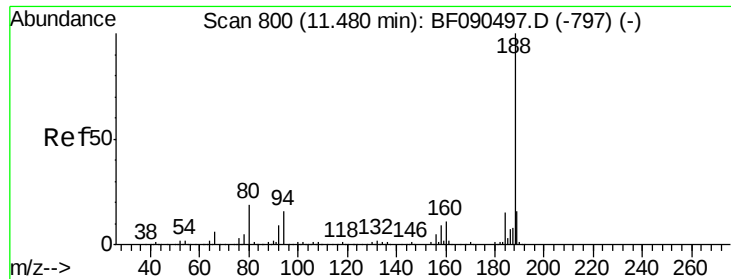
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





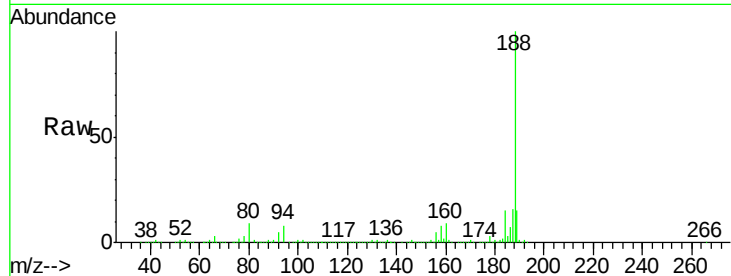
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
S8-0617MS

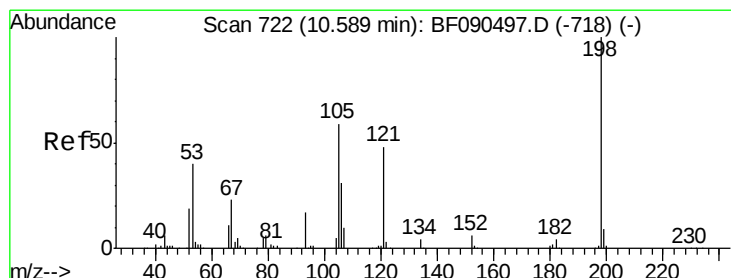
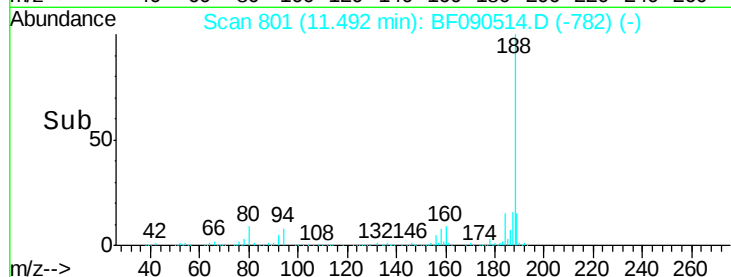
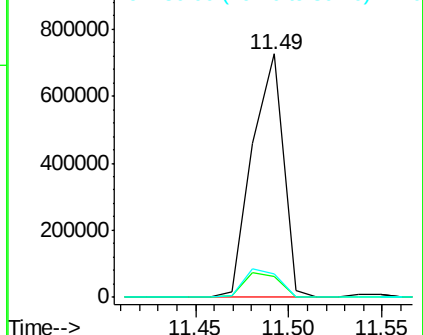
Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.4	8.2	12.2
80	9.4	8.8	13.2

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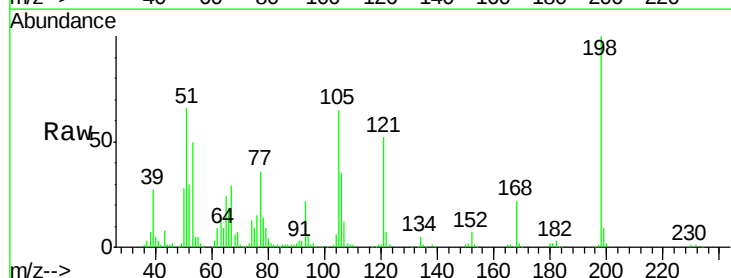


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

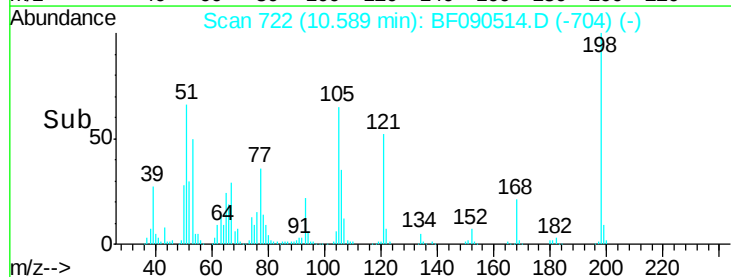
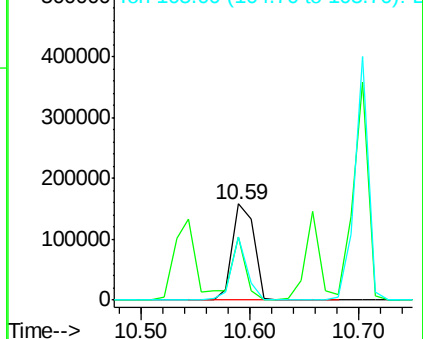


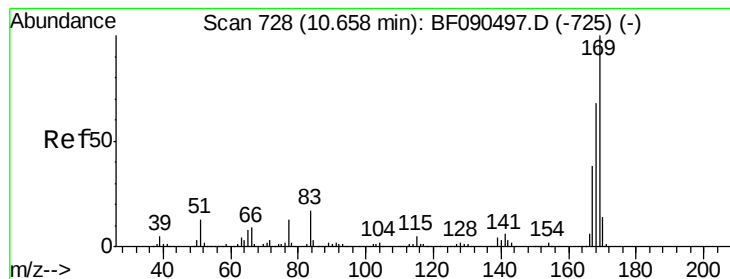
#64
4,6-Dinitro-2-methylphenol
Concen: 38.35 ng
RT: 10.59 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	65.7	67.3	107.3#
105	65.4	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





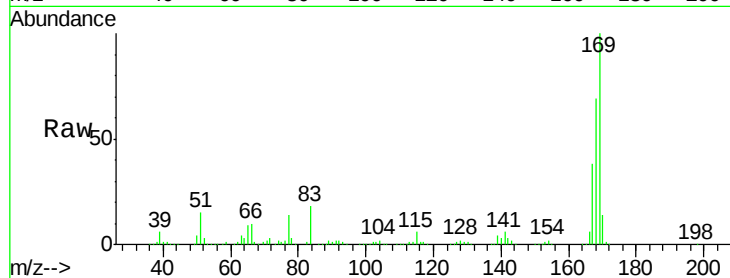
#65
n-Nitrosodiphenylamine
Concen: 38.72 ng
RT: 10.66 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampled :
S8-0617MS

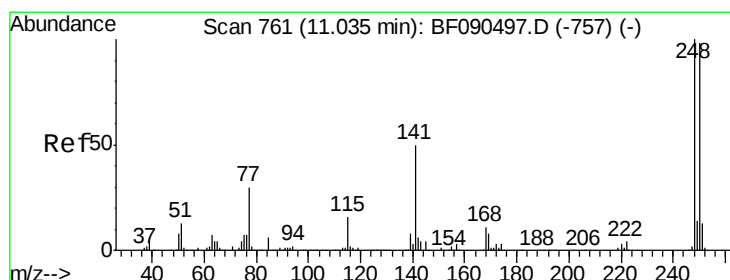
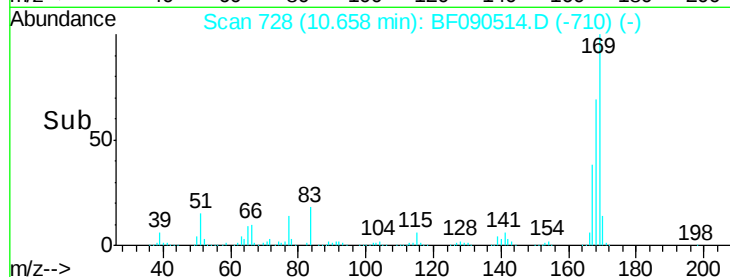
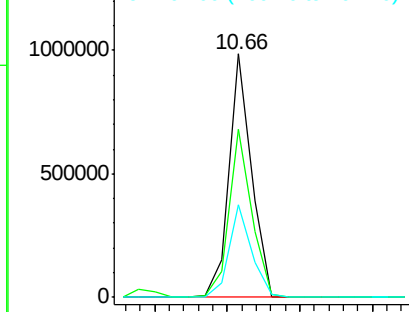
Tot Ion:169 Resp: 1057052
Ion Ratio Lower Upper
169 100
168 68.9 53.8 80.6
167 38.2 29.8 44.8

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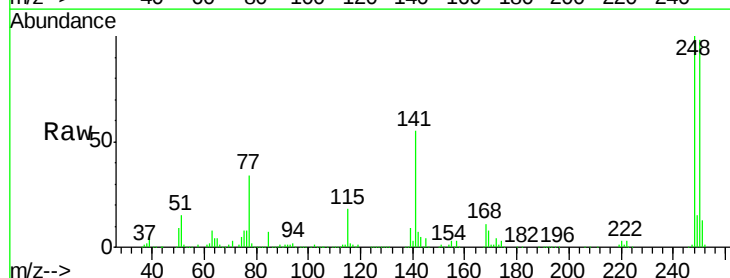


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

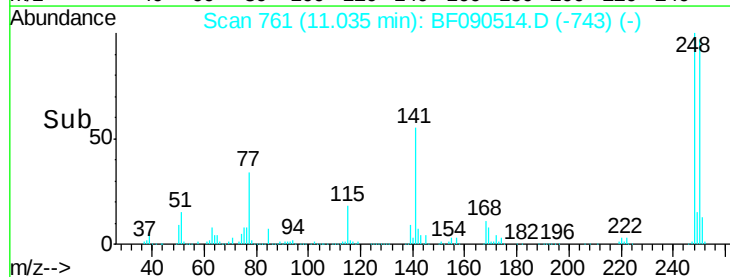
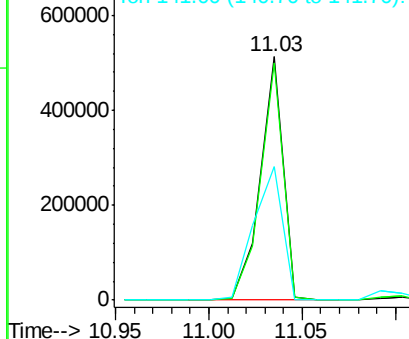


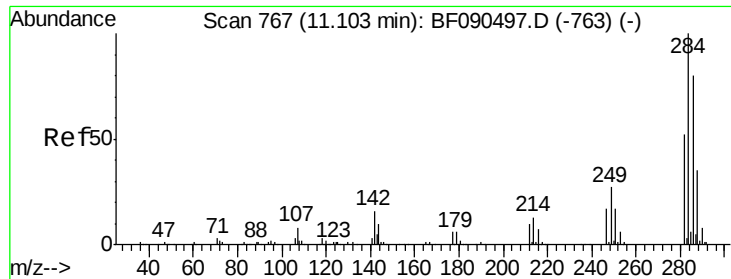
#66
4-Bromophenyl-phenylether
Concen: 47.34 ng
RT: 11.03 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Tgt Ion:248 Resp: 440379
Ion Ratio Lower Upper
248 100
250 97.5 76.5 114.7
141 55.1 59.8 89.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.99 ng

RT: 11.10 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Instrument :

BNA_F

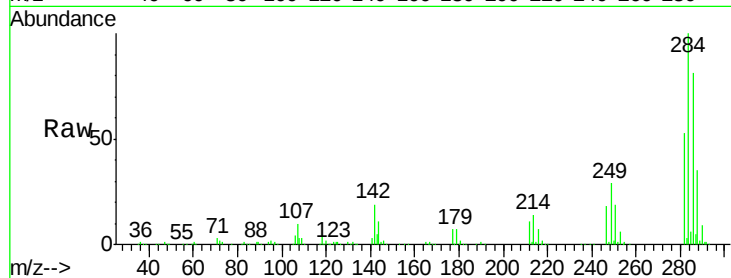
ClientSampleId :

S8-0617MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	452107		
142	19.2	23.1	34.7#	
249	28.9	26.3	39.5	

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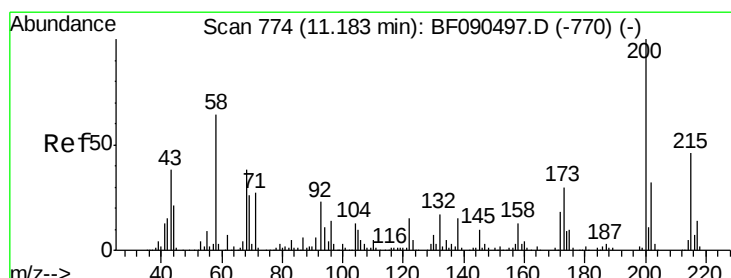
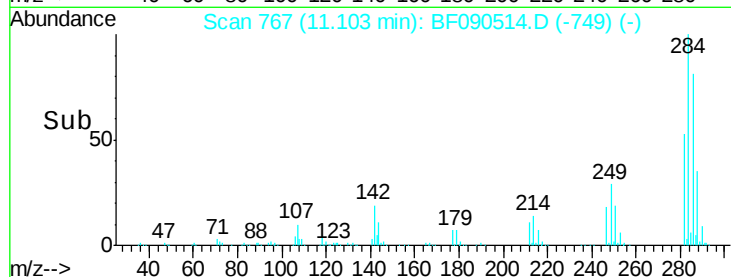
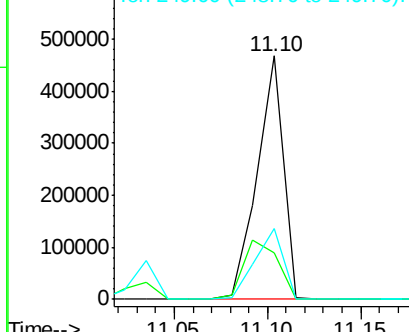


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.64 ng

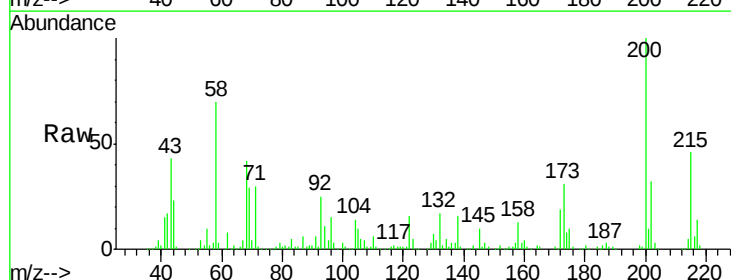
RT: 11.18 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	343400		
173	30.5	9.0	49.0	
215	45.8	24.8	64.8	

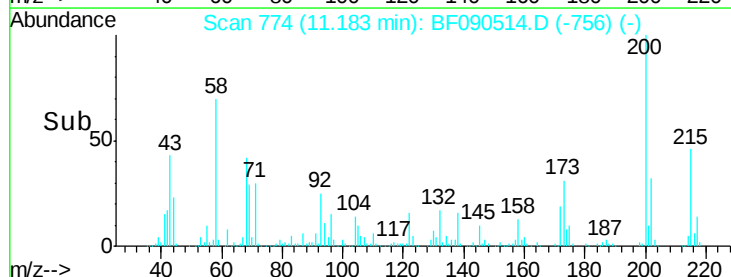
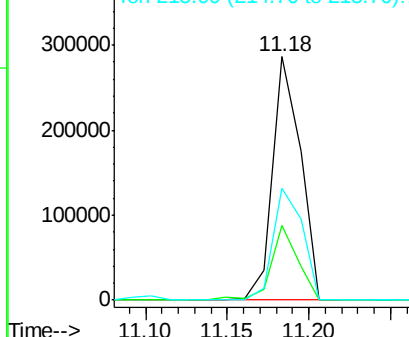


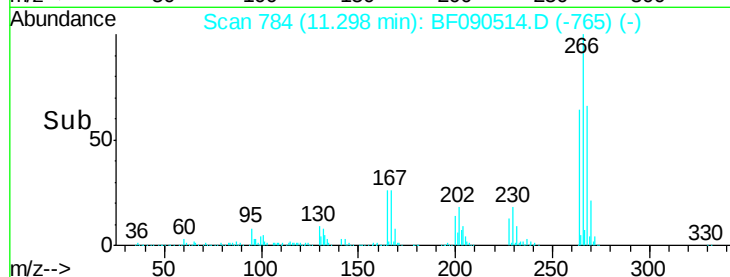
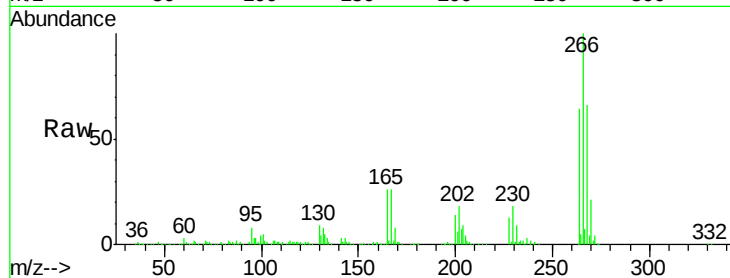
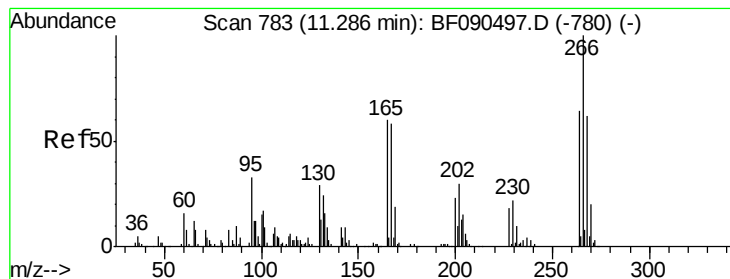
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 89.98 ng

RT: 11.30 min Scan# 784

Delta R.T. 0.01 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Tot Ion:	266	Resp:	550280
Ion Ratio		Lower	Upper
266	100		
268	65.9	50.9	76.3
264	63.6	51.5	77.3

Instrument :

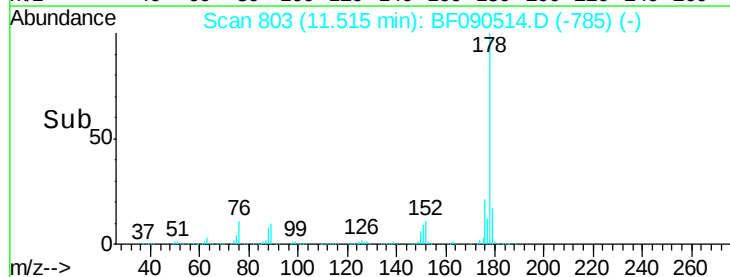
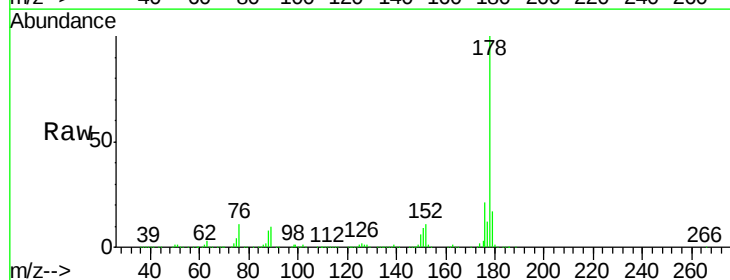
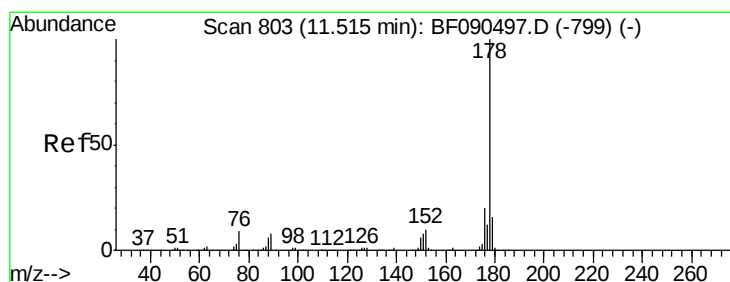
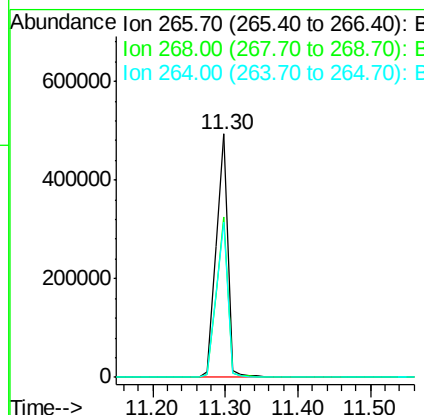
BNA_F

ClientSampleId :

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#70

Phenanthrene

Concen: 42.15 ng

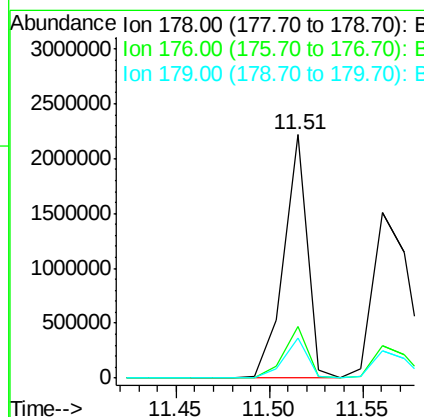
RT: 11.51 min Scan# 803

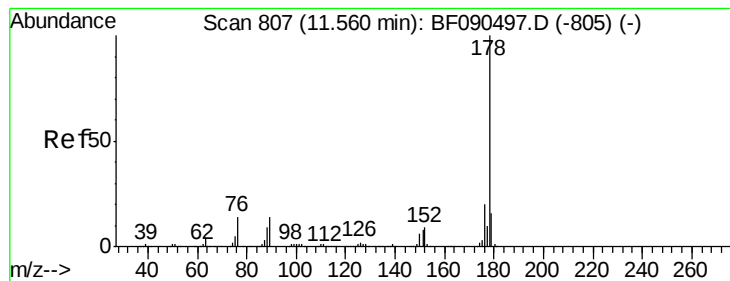
Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Tgt Ion:	178	Resp:	1950300
Ion Ratio		Lower	Upper
178	100		
176	21.2	17.3	25.9
179	16.7	13.8	20.6





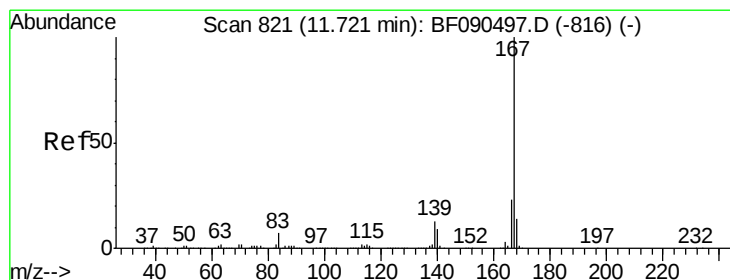
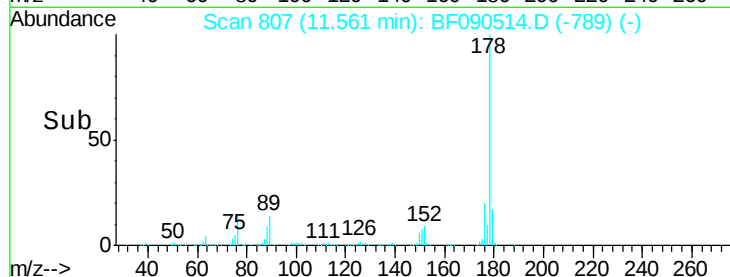
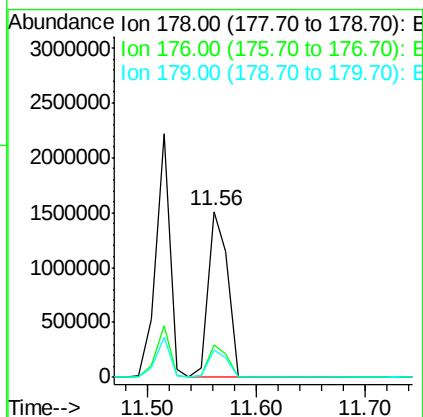
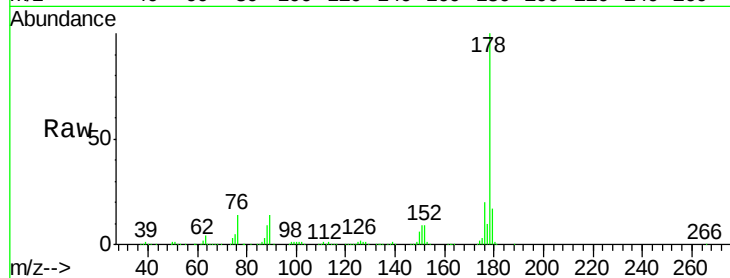
#71
 Anthracene
 Concen: 40.30 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090514.D
 Acq: 11 Oct 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MS

Tot Ion:178 Resp: 1889139
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.8 25.2
 179 16.5 13.4 20.2

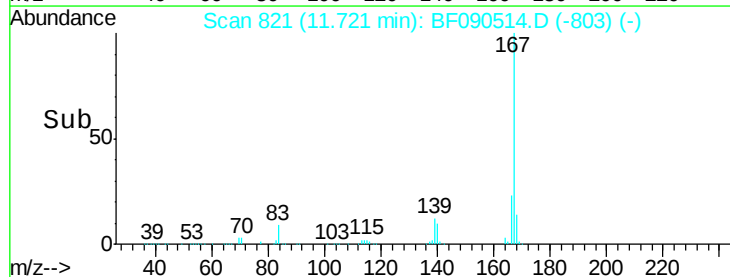
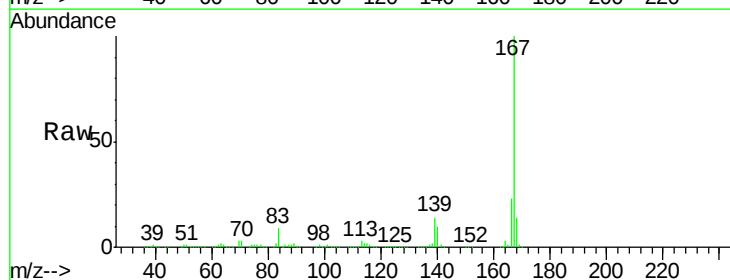
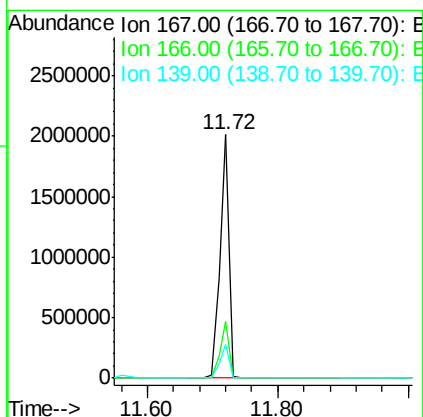
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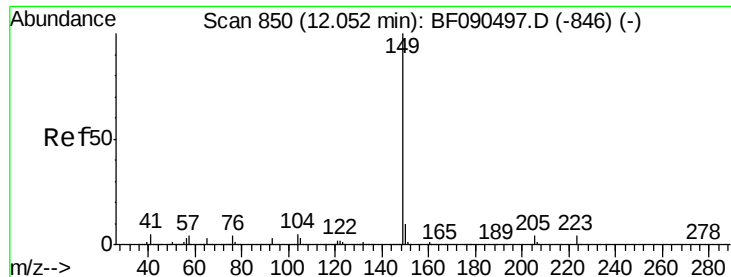
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#72
 Carbazole
 Concen: 44.90 ng
 RT: 11.72 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF090514.D
 Acq: 11 Oct 2016 20:52

Tgt Ion:167 Resp: 1987790
 Ion Ratio Lower Upper
 167 100
 166 23.2 19.1 28.7
 139 13.6 12.1 18.1





#73

Di-n-butylphthalate

Concen: 45.31 ng

RT: 12.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

S8-0617MS

Tot Ion:149 Resp: 2416075

Ion Ratio Lower Upper

149 100

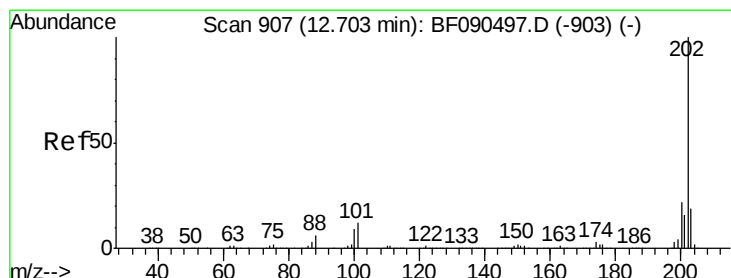
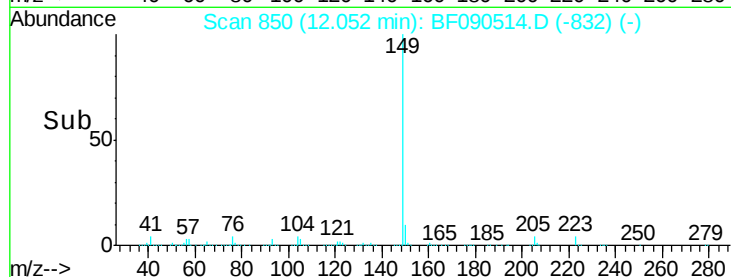
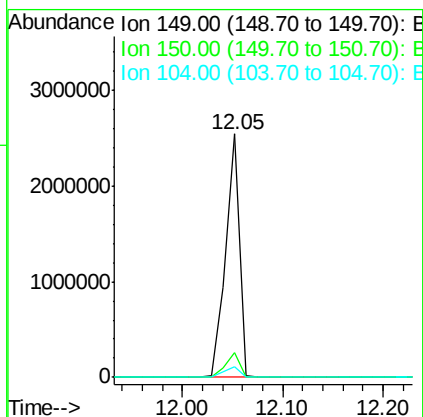
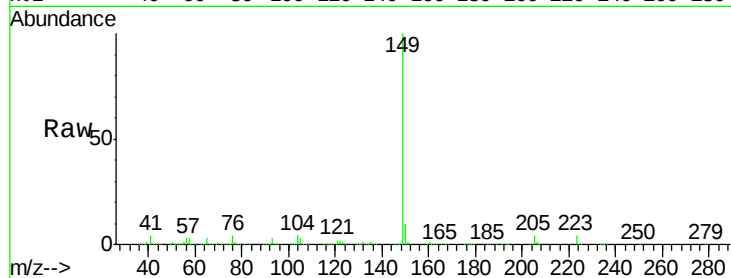
150 10.1 8.6 12.8

104 4.4 4.7 7.1#

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#74

Fluoranthene

Concen: 44.16 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

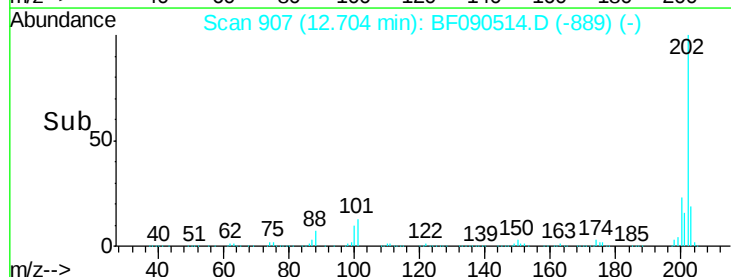
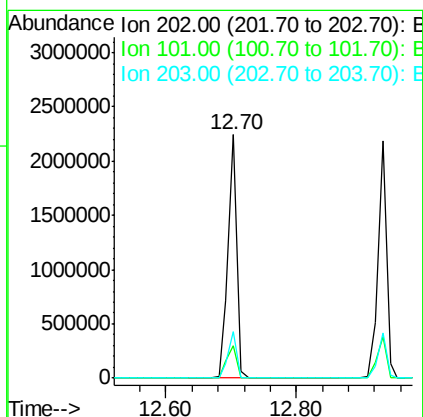
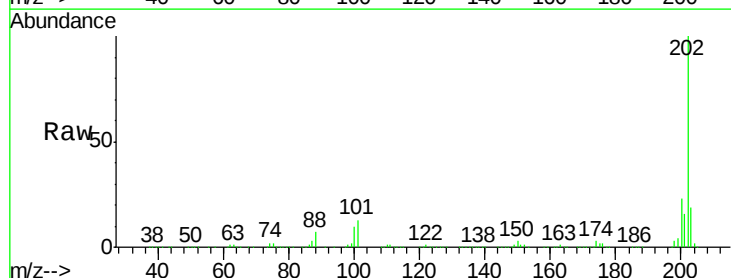
Tgt Ion:202 Resp: 2085928

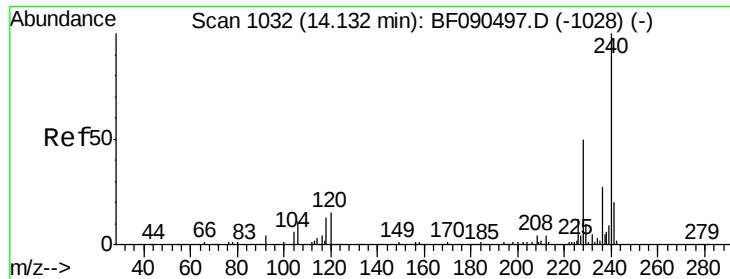
Ion Ratio Lower Upper

202 100

101 13.2 0.0 37.2

203 19.1 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: BF090514.D

Acq: 11 Oct 2016 20:52

Instrument :

BNA_F

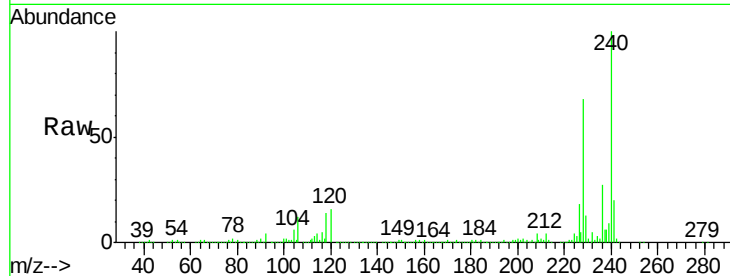
ClientSampleId :

S8-0617MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.0	8.6	13.0
236	27.1	21.6	32.4

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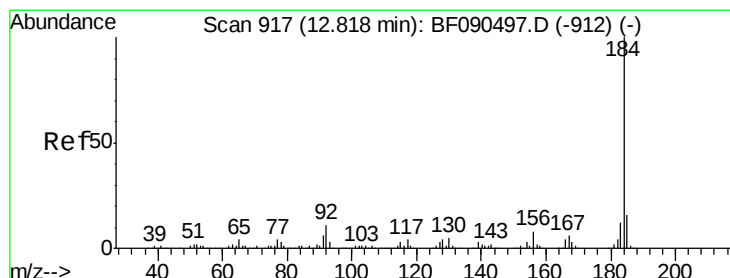
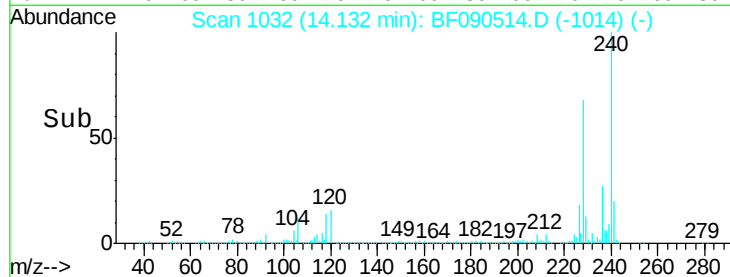
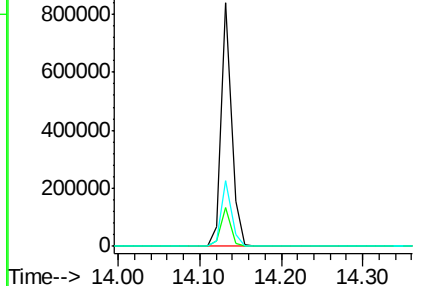
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 46.48 ng

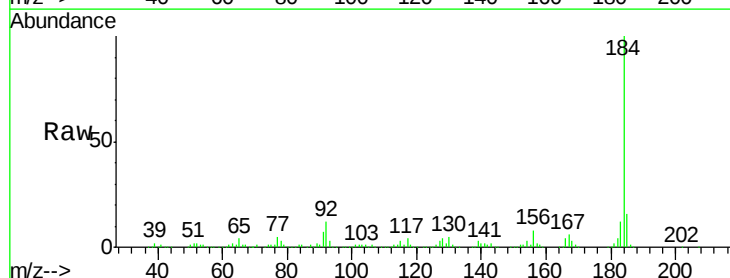
RT: 12.82 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

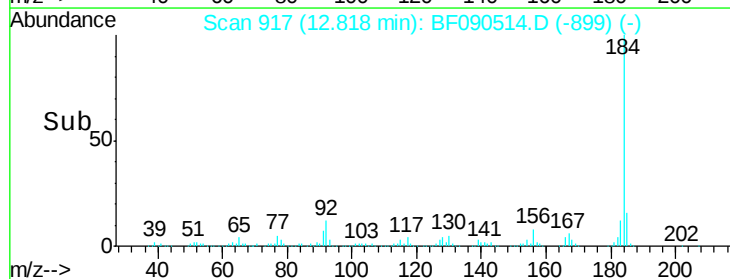
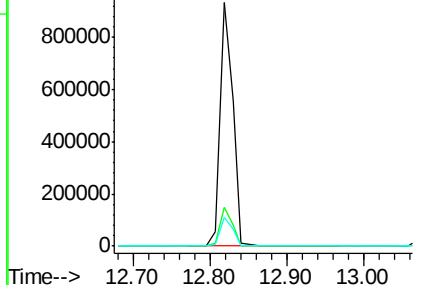
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.8	17.8
183	11.9	9.6	14.4

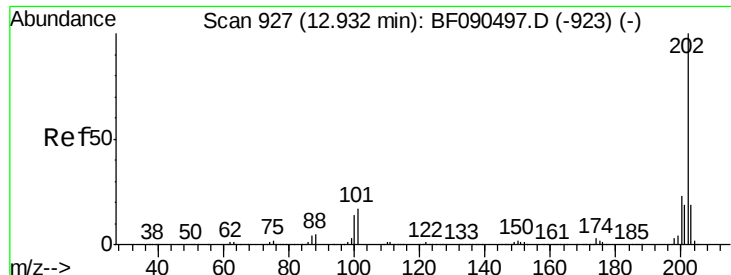


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.26 ng

RT: 12.93 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Instrument :

BNA_F

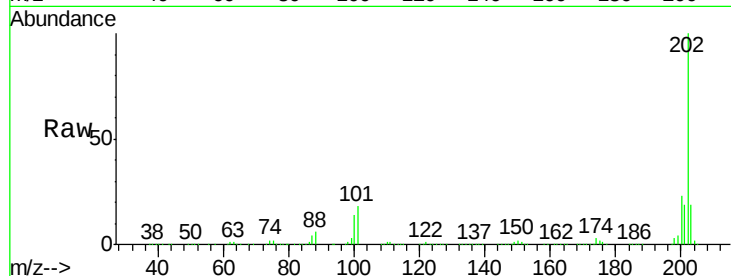
ClientSampleId :

S8-0617MS

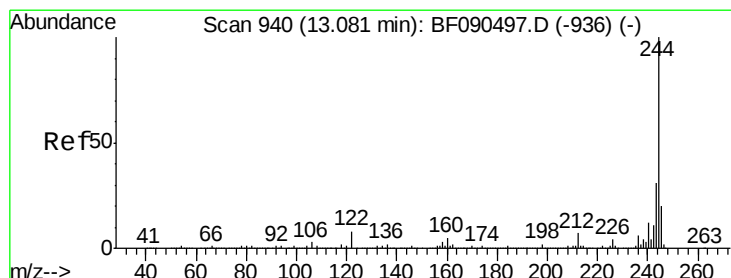
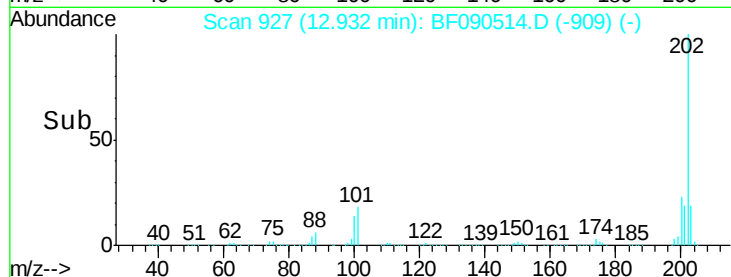
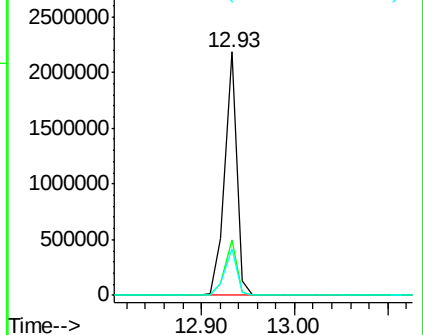
Tot Ion:	202	Resp:	1957117
Ion	Ratio	Lower	Upper
202	100		
200	23.0	18.5	27.7
203	19.0	15.0	22.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.93 ng

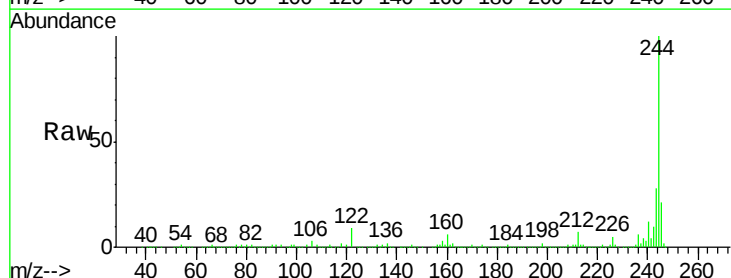
RT: 13.08 min Scan# 940

Delta R.T. 0.00 min

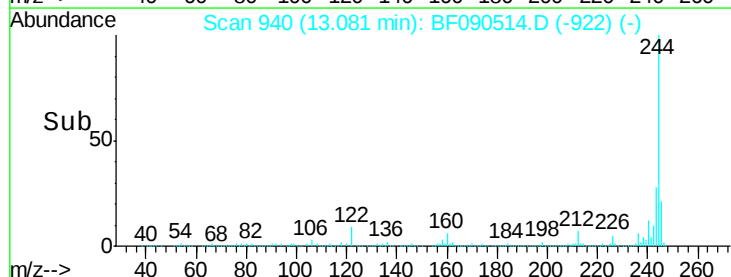
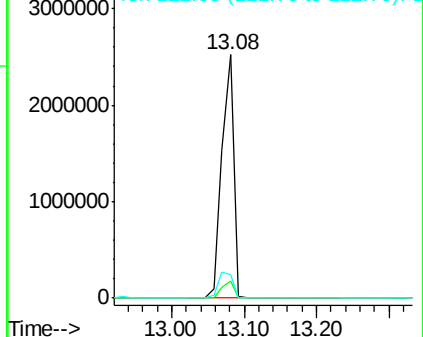
Lab File: BF090514.D

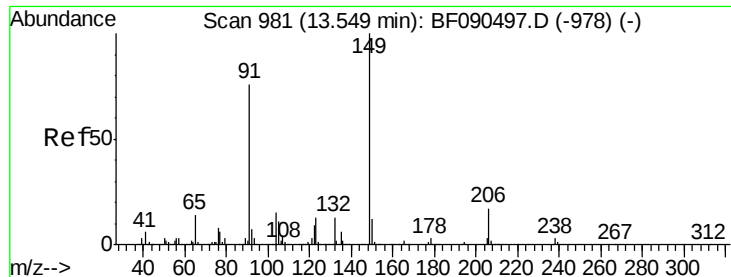
Acq: 11 Oct 2016 20:52

Tgt Ion:	244	Resp:	2873828
Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.8	10.2
122	9.4	13.3	19.9#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





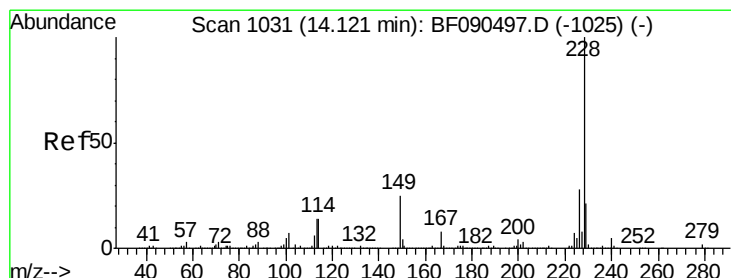
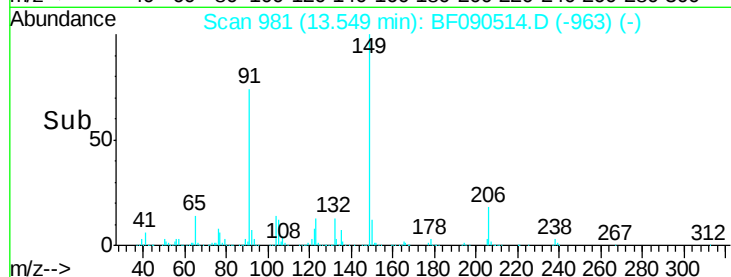
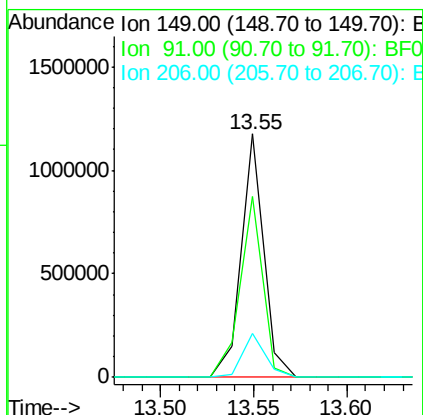
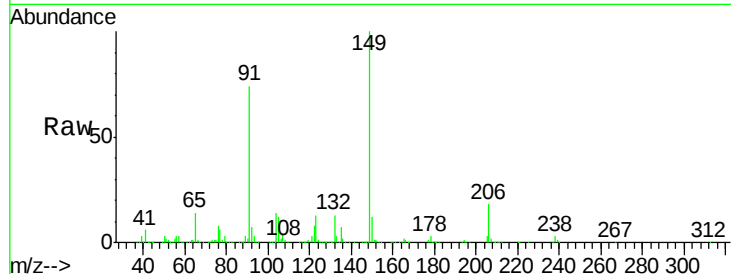
#79
Butylbenzylphthalate
Concen: 46.02 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
S8-0617MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.4	51.8	77.8
206	18.1	18.0	27.0

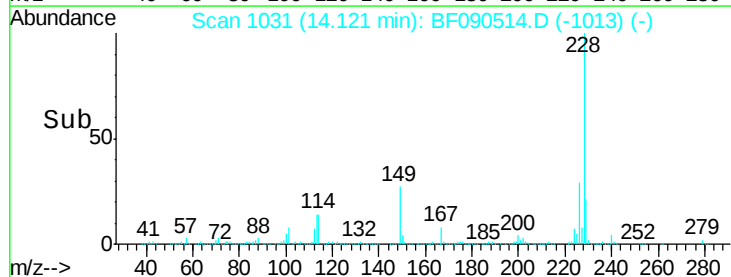
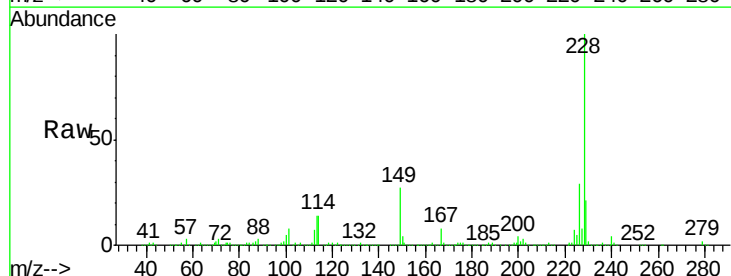
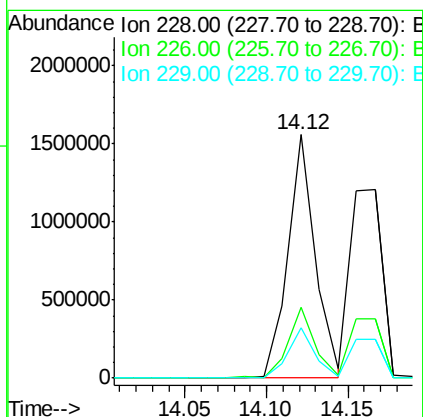
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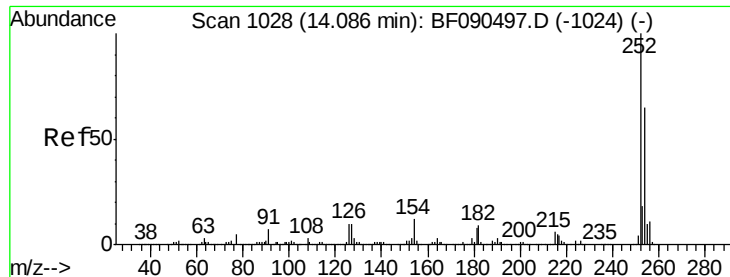
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#80
Benzo(a)anthracene
Concen: 41.41 ng
RT: 14.12 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.6	35.4
229	20.8	16.6	25.0





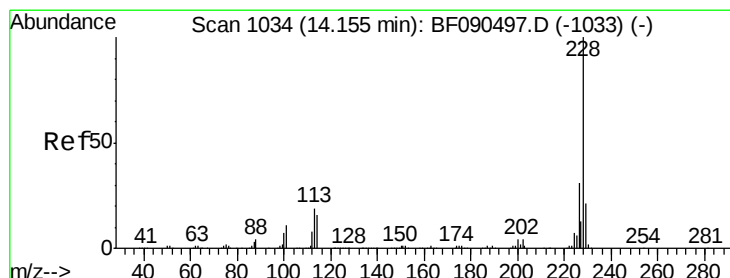
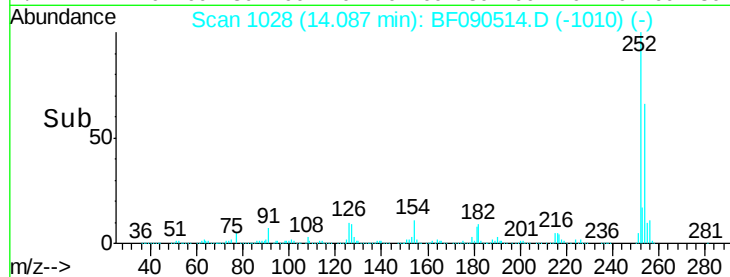
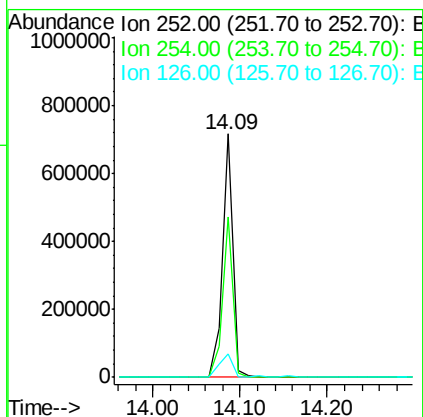
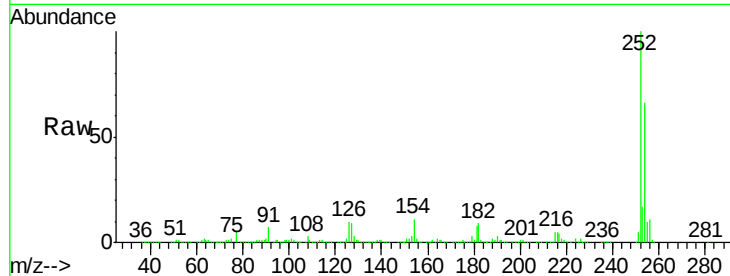
#81
 3,3'-Dichlorobenzidine
 Concen: 38.38 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF090514.D
 Acq: 11 Oct 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.1	78.1
126	9.8	4.2	6.4

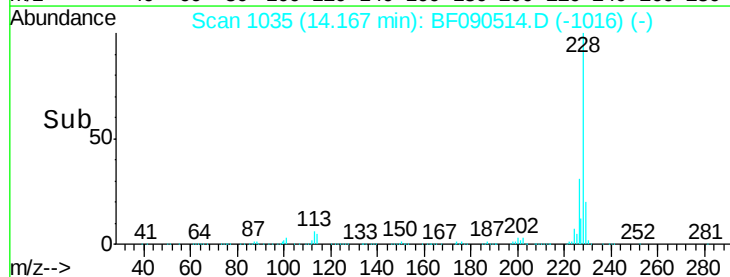
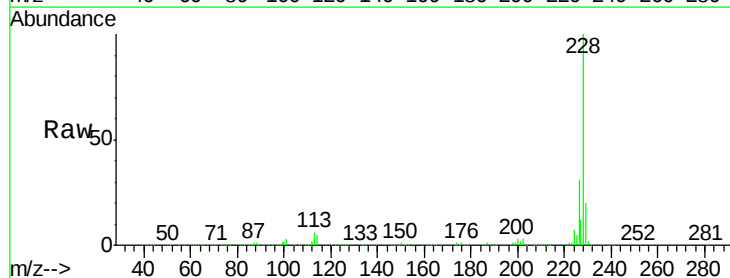
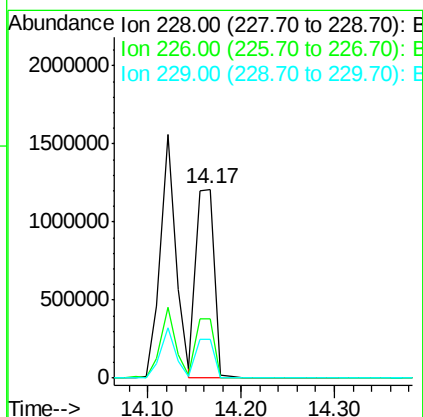
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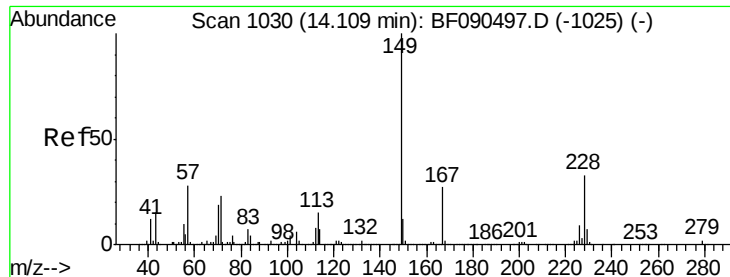
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#82
 Chrysene
 Concen: 41.04 ng
 RT: 14.17 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: BF090514.D
 Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.8	38.6
229	20.3	16.9	25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.64 ng

RT: 14.11 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

Instrument :

BNA_F

ClientSampleId :

S8-0617MS

Tot Ion:149 Resp: 1349018

Ion Ratio Lower Upper

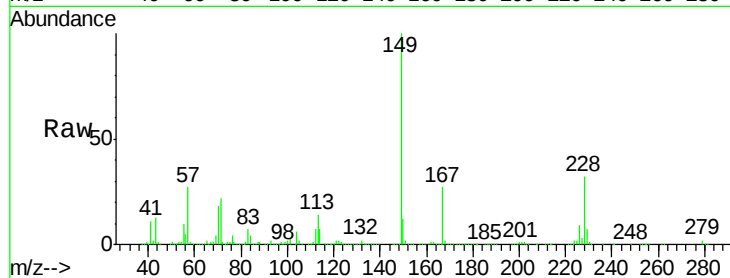
149 100

167 26.8 21.5 32.3

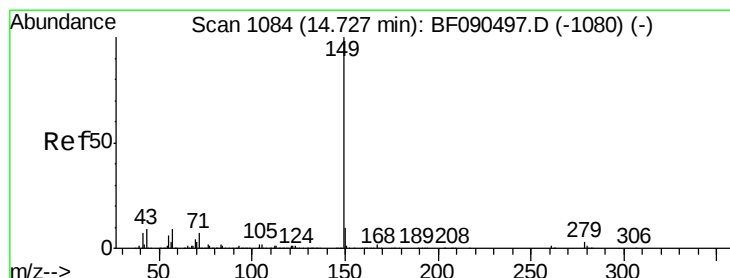
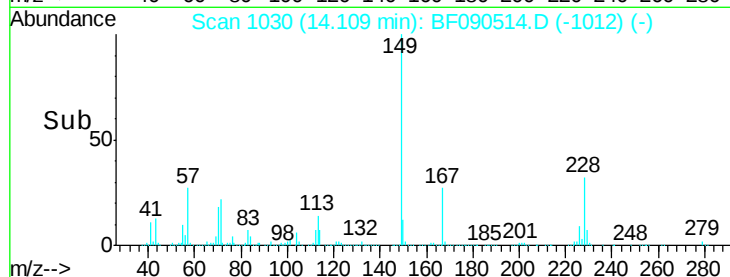
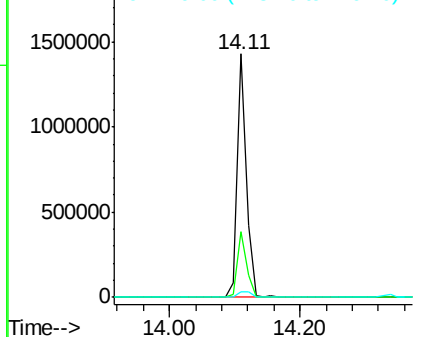
279 2.5 2.6 3.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.93 ng

RT: 14.73 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF090514.D

Acq: 11 Oct 2016 20:52

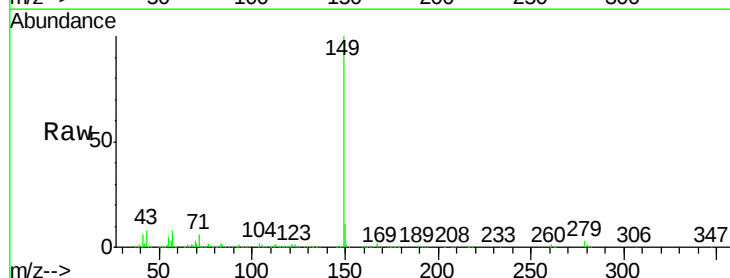
Tgt Ion:149 Resp: 2201444

Ion Ratio Lower Upper

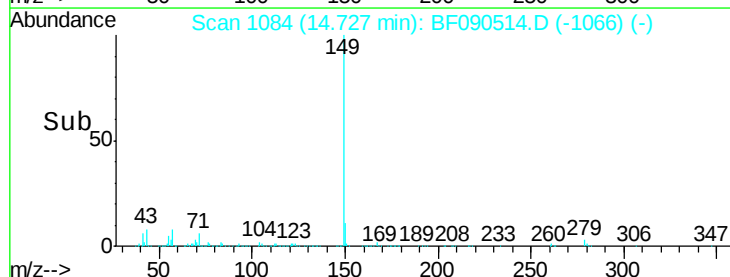
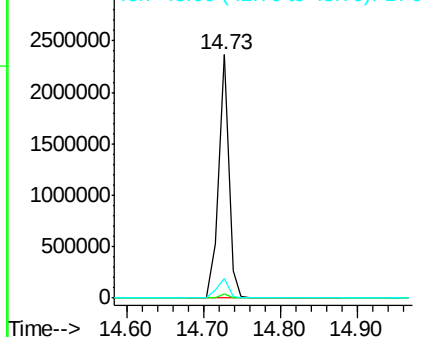
149 100

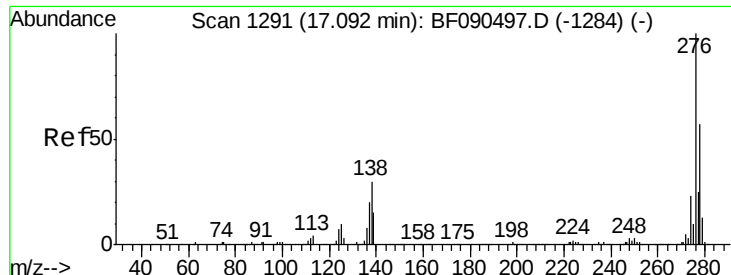
167 1.6 1.3 1.9

43 8.7 11.8 17.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





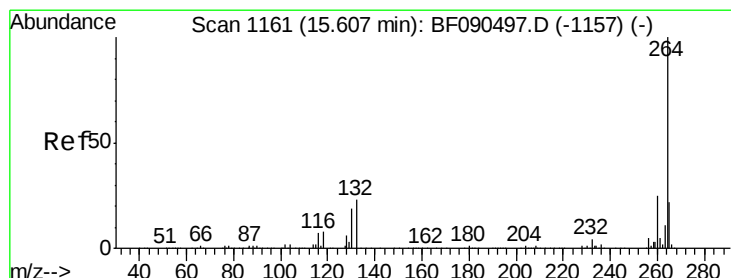
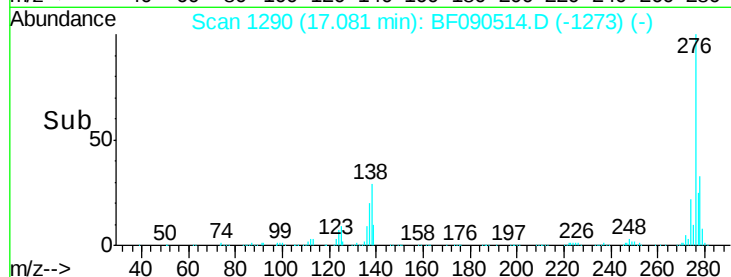
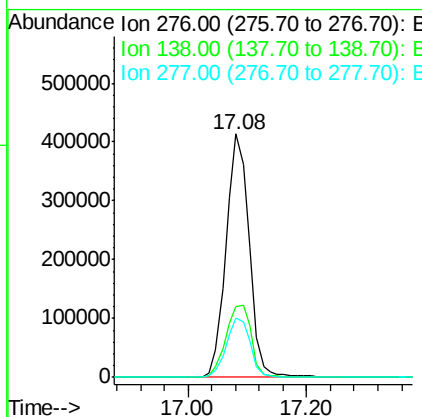
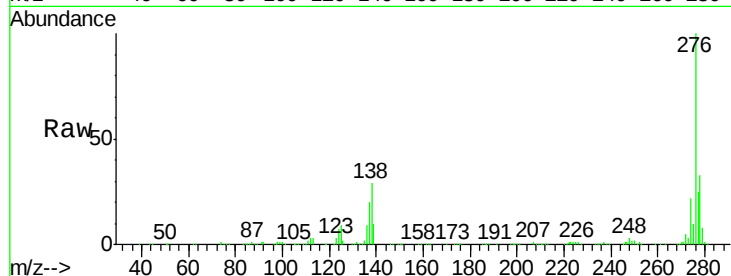
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.70 ng
RT: 17.08 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
S8-0617MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.8	23.8	35.8
277	25.2	20.4	30.6

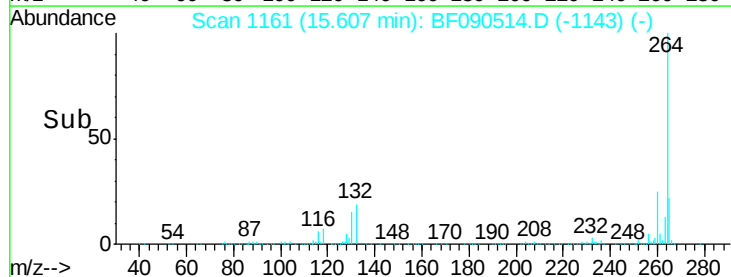
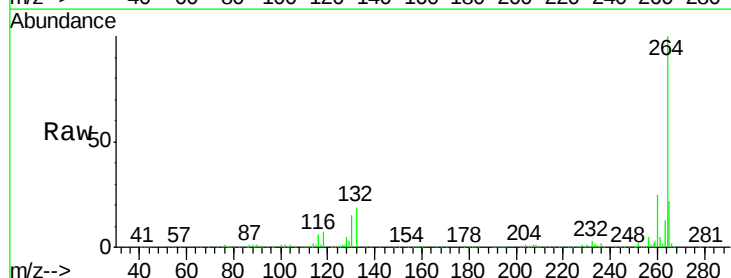
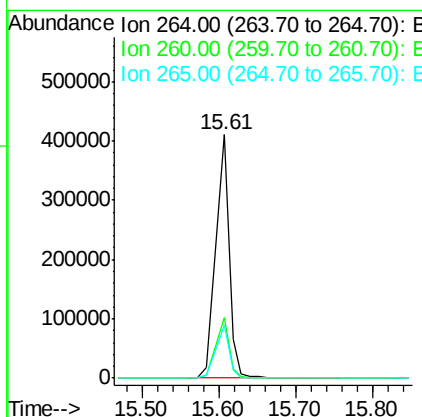
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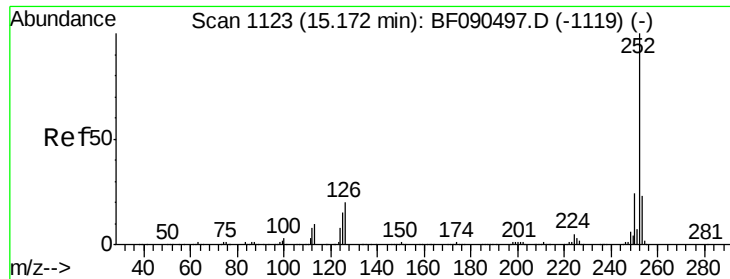
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.6	17.4	26.0





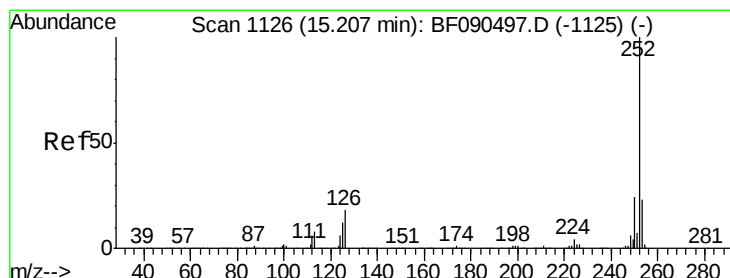
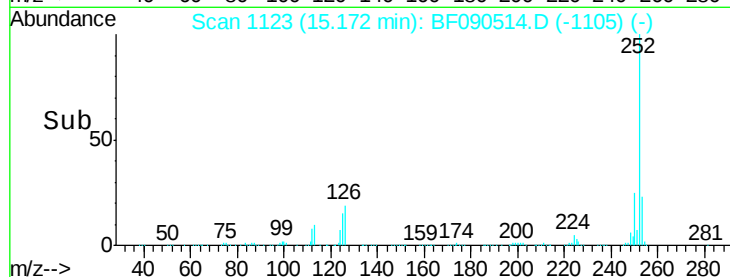
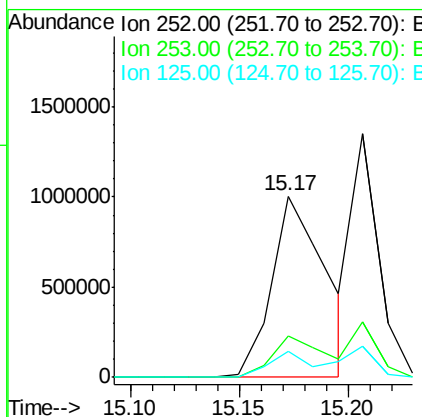
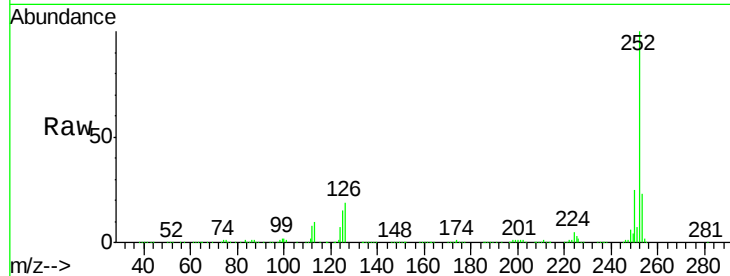
#87
Benzo(b)fluoranthene
Concen: 52.46 ng
RT: 15.17 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampleId :
S8-0617MS

Tot Ion:252 Resp: 1727569
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 14.6 7.0 10.4#

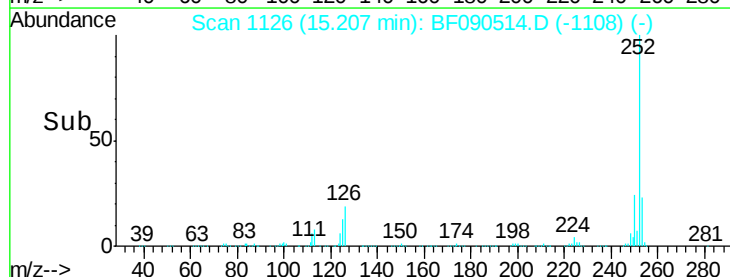
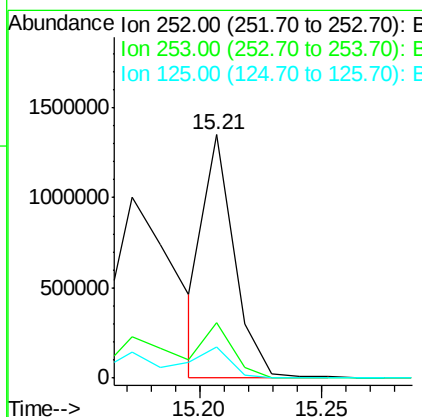
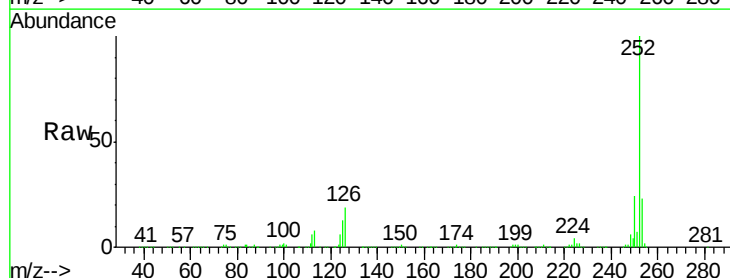
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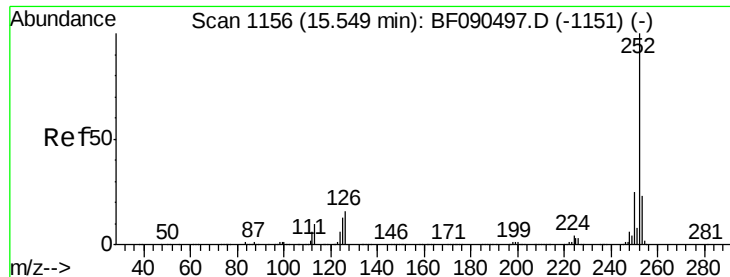
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#88
Benzo(k)fluoranthene
Concen: 39.60 ng m
RT: 15.21 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Tgt Ion:252 Resp: 1161664
Ion Ratio Lower Upper
252 100
253 22.5 18.6 27.8
125 13.0 11.7 17.5





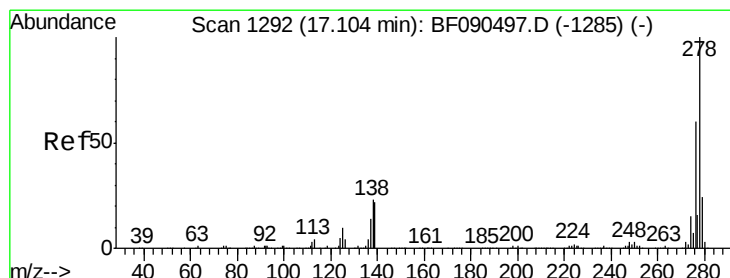
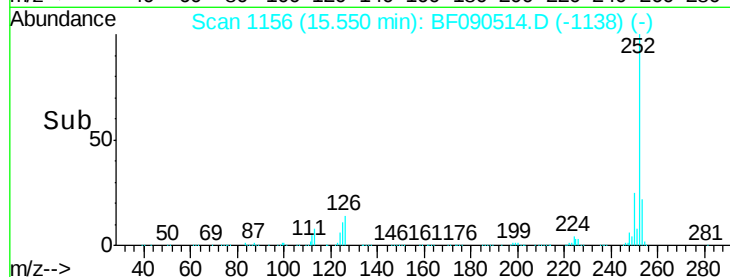
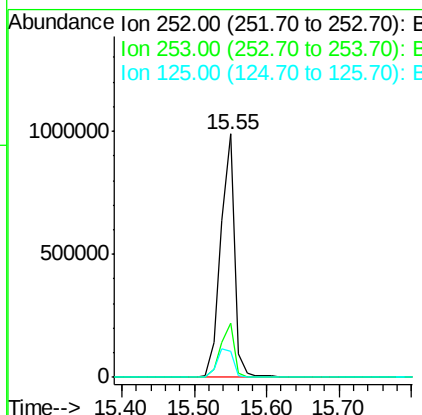
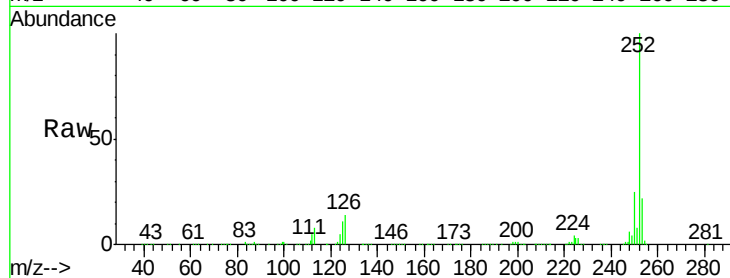
#89
Benzo(a)pyrene
Concen: 45.37 ng
RT: 15.55 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Instrument :
BNA_F
ClientSampled :
S8-0617MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.9	9.8	14.8

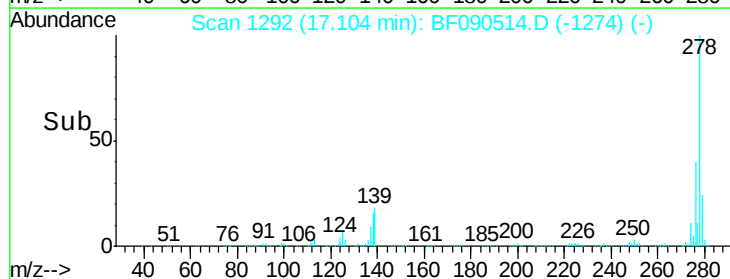
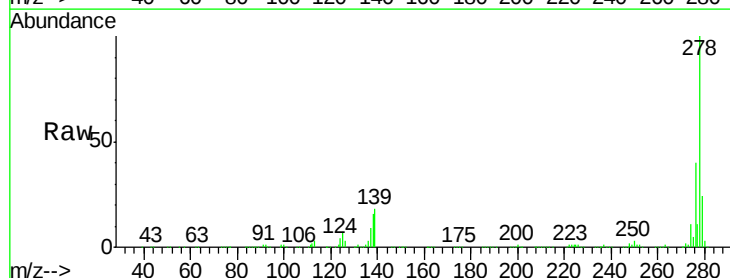
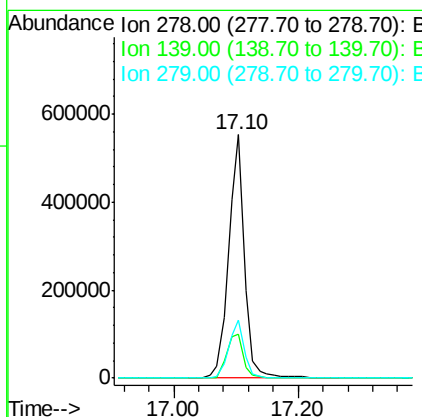
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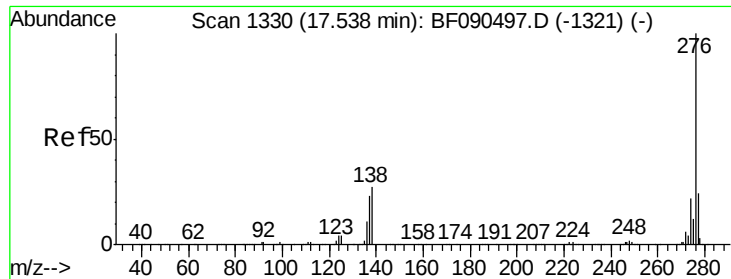
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#90
Dibenzo(a,h)anthracene
Concen: 39.64 ng
RT: 17.10 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF090514.D
Acq: 11 Oct 2016 20:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	12.8	19.2
279	23.8	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.23 ng
 RT: 17.53 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF090514.D
 Acq: 11 Oct 2016 20:52

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MS

Tot Ion:	276	Resp:	891411
Ion Ratio		Lower	Upper
276	100		
277	24.0	19.4	29.0
138	28.9	20.8	31.2

Manual Integrations
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