

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101116\
 Data File : BF090515.D
 Acq On : 11 Oct 2016 21:19
 Operator : UM/SJ
 Sample : H5146-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MSD

Manual Integrations
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Quant Time: Oct 12 01:27:13 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	233537	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	962803	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	500240	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	888180	20.00	ng	0.01
75) Chrysene-d12	14.13	240	794885	20.00	ng	0.00
86) Perylene-d12	15.61	264	519006	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	770928	51.36	ng	0.00
7) Phenol-d6	6.58	99	607620	32.08	ng	-0.01
23) Nitrobenzene-d5	7.51	82	1477035	83.21	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	695757	140.31	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2457849	82.57	ng	0.00
78) Terphenyl-d14	13.08	244	3054590	93.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	93590	12.71	ng	# 85
3) Pyridine	3.41	79	240042m	11.80	ng	
4) n-Nitrosodimethylamine	3.34	42	103217	15.48	ng	# 48
6) Aniline	6.61	93	525999	21.89	ng	96
8) 2-Chlorophenol	6.74	128	524398	32.84	ng	94
9) Benzaldehyde	6.50	77	237706	19.92	ng	96
10) Phenol	6.59	94	246274	11.53	ng	94
11) bis(2-Chloroethyl)ether	6.68	93	584549	36.55	ng	94
12) 1,3-Dichlorobenzene	6.90	146	589714	34.23	ng	98
13) 1,4-Dichlorobenzene	6.97	146	559725	31.84	ng	98
14) 1,2-Dichlorobenzene	7.13	146	610149	38.20	ng	97
15) Benzyl Alcohol	7.09	79	374596	25.75	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	847641	36.98	ng	88
17) 2-Methylphenol	7.21	107	339416	26.13	ng	98
18) Hexachloroethane	7.47	117	219124	33.78	ng	100
19) n-Nitroso-di-n-propylamine	7.37	70	483668	40.03	ng	# 80
20) 3+4-Methylphenols	7.35	107	371142	22.57	ng	# 45
22) Acetophenone	7.37	105	910269	42.94	ng	# 84
24) Nitrobenzene	7.54	77	777550	40.84	ng	91
25) Isophorone	7.78	82	1353082	41.88	ng	99
26) 2-Nitrophenol	7.86	139	356239	41.01	ng	98
27) 2,4-Dimethylphenol	7.89	122	508296	34.42	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	822661	41.23	ng	# 96
29) 2,4-Dichlorophenol	8.10	162	489552	39.64	ng	95
30) 1,2,4-Trichlorobenzene	8.18	180	505567	35.64	ng	100
31) Naphthalene	8.27	128	1752339	36.53	ng	98
32) Benzoic acid	7.96	122	79038	6.78	ng	97
33) 4-Chloroaniline	8.30	127	502424	24.74	ng	98
34) Hexachlorobutadiene	8.38	225	272539	34.36	ng	99
35) Caprolactam	8.67	113	22513	5.62	ng	# 84
36) 4-Chloro-3-methylphenol	8.78	107	473441	32.83	ng	97
37) 2-Methylnaphthalene	8.95	142	1164307	36.16	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	596565	42.60	ng	98
40) Hexachlorocyclopentadiene	9.11	237	617330	88.81	ng	97

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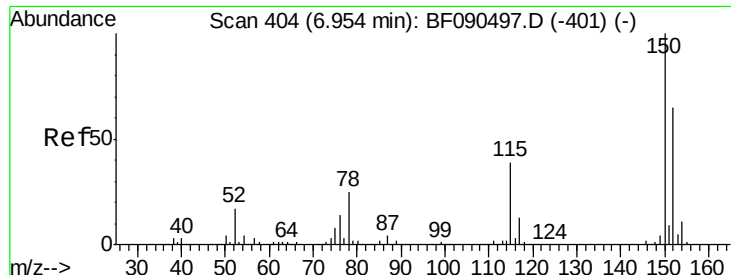
Manual Integrations
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Quant Time: Oct 12 01:27:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	365769	38.74	nq	96
43) 2,4,5-Trichlorophenol	9.27	196	375919	40.23	nq #	91
45) 1,1'-Biphenyl	9.42	154	1608307	42.10	nq	96
46) 2-Chloronaphthalene	9.45	162	1170122	41.16	nq	98
47) 2-Nitroaniline	9.54	65	407207	40.16	nq	97
48) Acenaphthylene	9.87	152	1832855	39.96	nq	97
49) Dimethylphthalate	9.72	163	1350842	40.15	nq	99
50) 2,6-Dinitrotoluene	9.78	165	304485	40.99	nq	96
51) Acenaphthene	10.04	154	1323622	43.06	nq	100
52) 3-Nitroaniline	9.95	138	246023	26.69	nq	97
53) 2,4-Dinitrophenol	10.05	184	346432	84.04	nq #	82
54) Dibenzofuran	10.21	168	1788591	43.73	nq	98
55) 4-Nitrophenol	10.11	139	218193	30.46	nq #	71
56) 2,4-Dinitrotoluene	10.19	165	502818	51.18	nq #	89
57) Fluorene	10.55	166	1429246	42.80	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	367365	47.13	nq	98
59) Diethylphthalate	10.42	149	1490487	43.56	nq #	92
60) 4-Chlorophenyl-phenylether	10.54	204	720400	46.76	nq	91
61) 4-Nitroaniline	10.57	138	340046	36.16	nq	94
62) Azobenzene	10.70	77	1660468	44.44	nq	88
64) 4,6-Dinitro-2-methylphenol	10.60	198	236377	39.85	nq #	33
65) n-Nitrosodiphenylamine	10.66	169	1132430	39.21	nq	99
66) 4-Bromophenyl-phenylether	11.03	248	462789	47.02	nq #	89
67) Hexachlorobenzene	11.10	284	492569	45.31	nq #	90
68) Atrazine	11.18	200	390184	43.65	nq	98
69) Pentachlorophenol	11.30	266	591084	91.37	nq	98
70) Phenanthrene	11.51	178	2038586	41.65	nq	99
71) Anthracene	11.56	178	1996683	40.26	nq	99
72) Carbazole	11.72	167	2043343	43.63	nq	98
73) Di-n-butylphthalate	12.05	149	2530326	44.86	nq #	98
74) Fluoranthene	12.70	202	2152461	43.08	nq	96
76) Benzidine	12.82	184	678840	27.17	nq	99
77) Pyrene	12.93	202	2073145	41.67	nq	100
79) Butylbenzylphthalate	13.55	149	1043556	44.80	nq	91
80) Benzo(a)anthracene	14.12	228	1900655	40.12	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	481810	28.26	nq #	98
82) Chrysene	14.16	228	1725884	39.14	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	1404573	41.32	nq	99
84) Di-n-octyl phthalate	14.73	149	2283323	43.37	nq #	87
85) Indeno(1,2,3-cd)pyrene	17.08	276	1163470	31.69	nq	97
87) Benzo(b)fluoranthene	15.17	252	1750851	51.13	nq #	96
88) Benzo(k)fluoranthene	15.21	252	1189136m	38.98	nq	
89) Benzo(a)pyrene	15.55	252	1354934	45.06	nq	97
90) Dibenzo(a,h)anthracene	17.10	278	1000103	39.15	nq	98
91) Benzo(g,h,i)perylene	17.53	276	933423	39.51	nq	96

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



#1

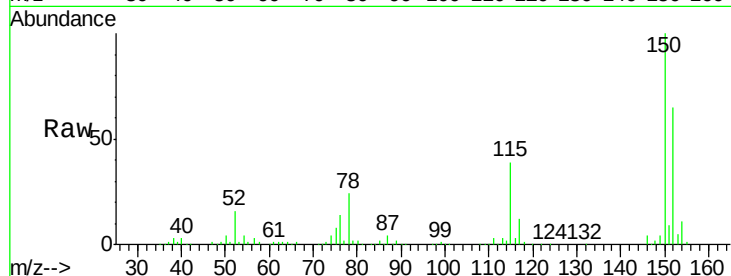
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	58.9	46.2	69.4

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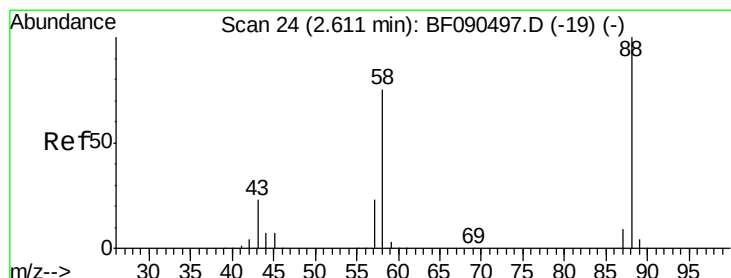
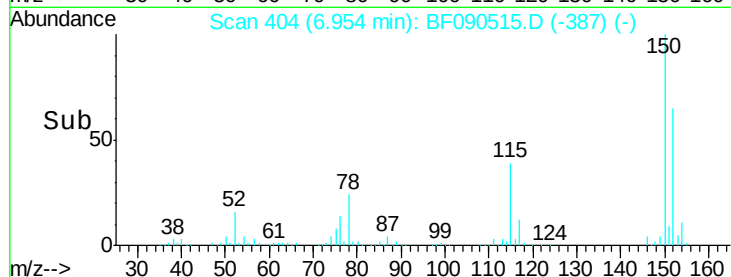
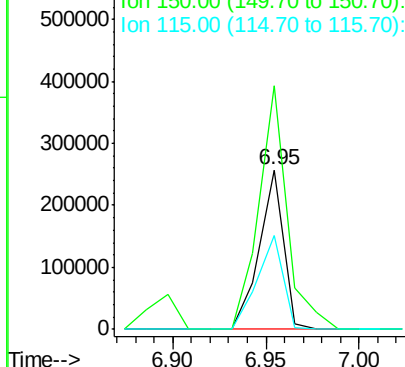


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

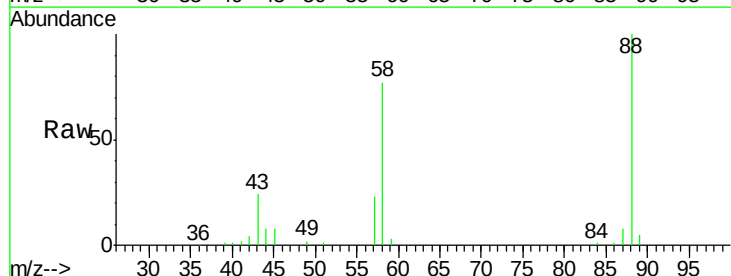
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 12.71 ng
RT: 2.66 min Scan# 28
Delta R.T. 0.05 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.8	71.2	106.8
43	24.4	29.8	44.6

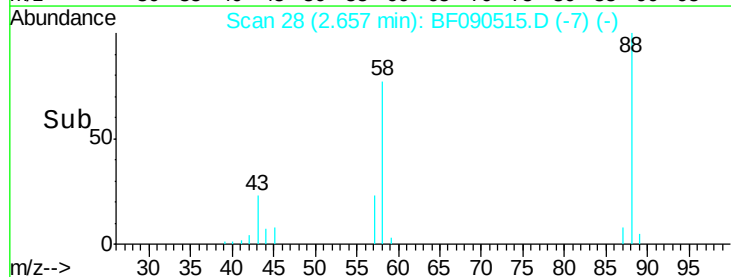
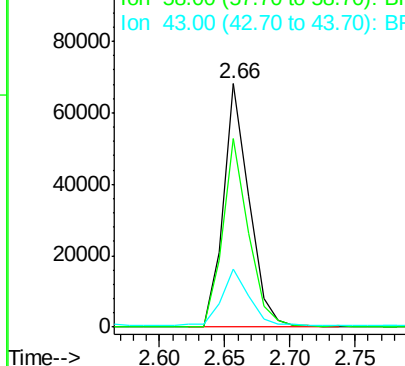


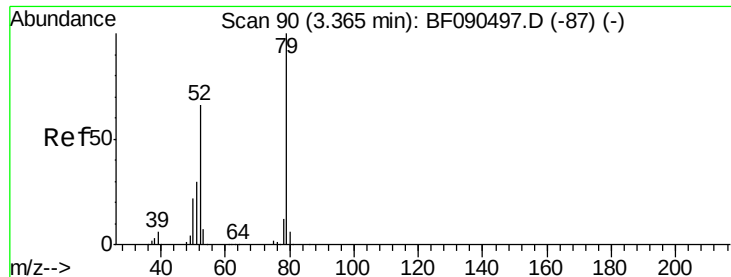
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





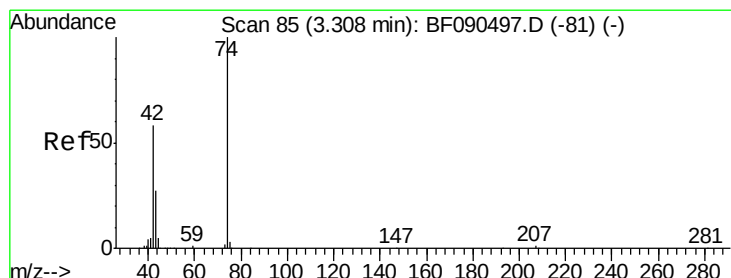
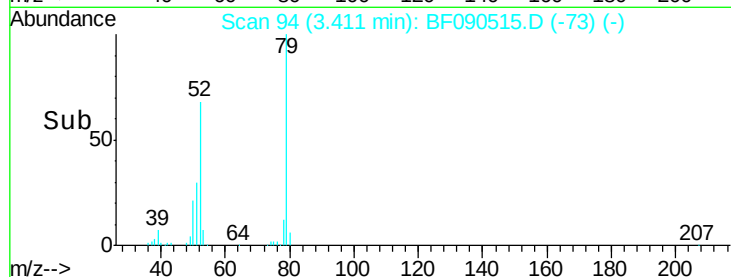
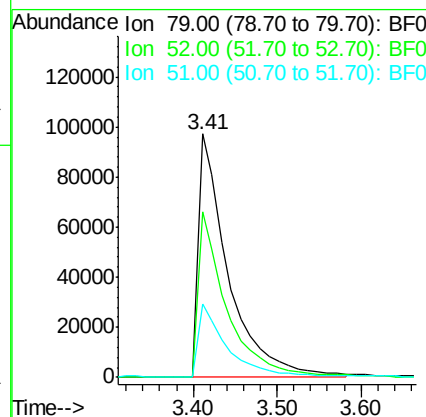
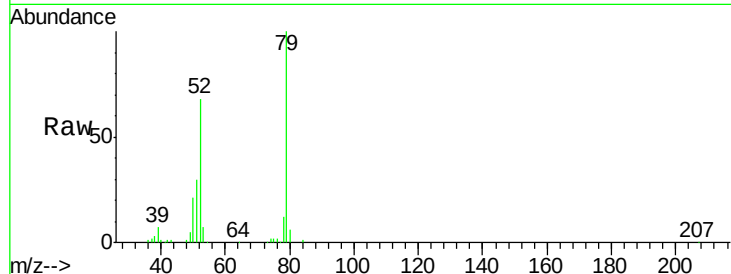
#3
Pvridine
Concen: 11.80 ng/ml
RT: 3.41 min Scan# 94
Delta R.T. 0.05 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
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ClientSampleId :
S8-0617MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	67.9	71.3	106.9#		
51	30.3	34.5	51.7#		

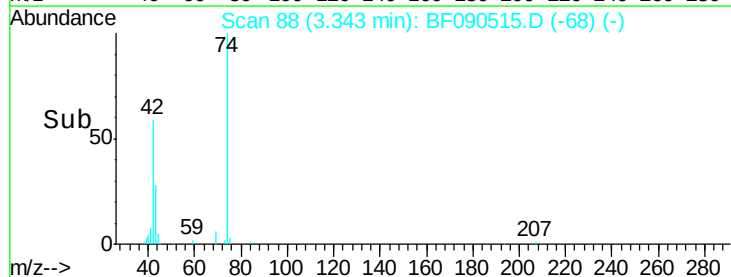
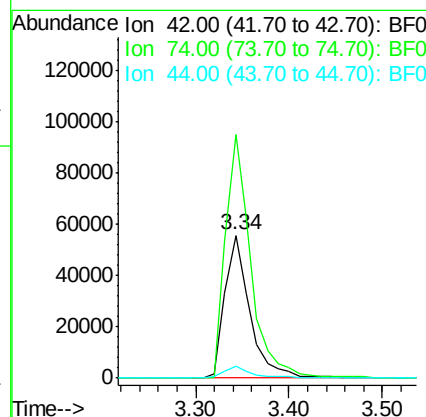
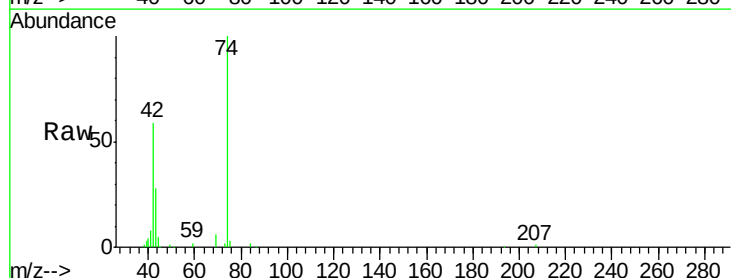
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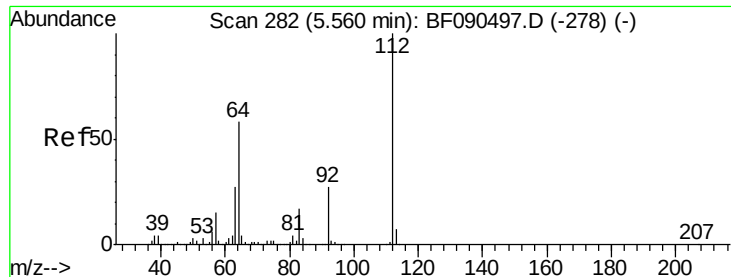
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#4
n-Nitrosodimethylamine
Concen: 15.48 ng/ml
RT: 3.34 min Scan# 88
Delta R.T. 0.03 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	170.8	88.9	133.3#		
44	8.1	6.5	9.7		





#5

2-Fluorophenol

Concen: 51.36 ng

RT: 5.56 min Scan# 282

Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Instrument :

BNA_F

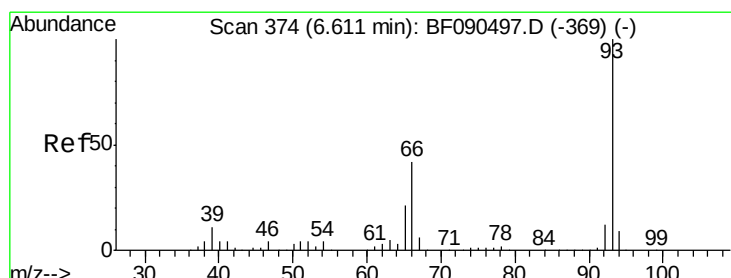
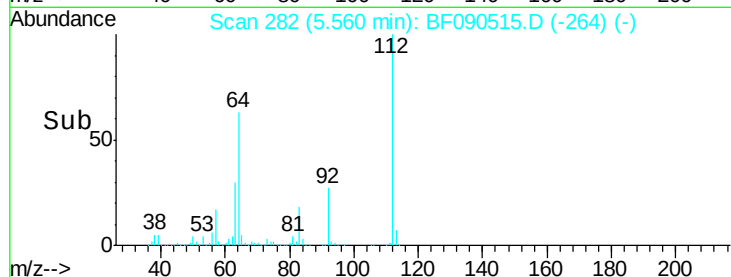
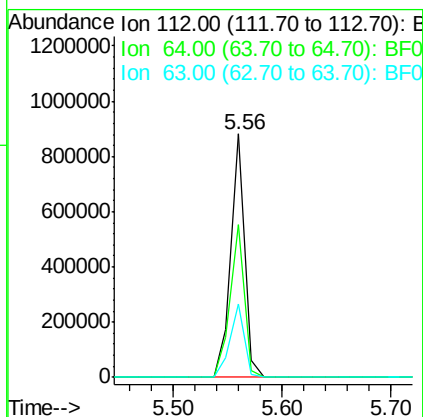
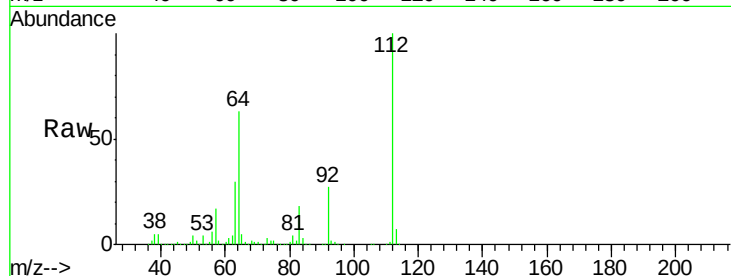
ClientSampleId :

S8-0617MSD

Tot Ion:	112	Resp:	770928
Ion Ratio	Lower	Upper	
112	100		
64	62.8	57.9	86.9
63	30.3	29.6	44.4

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#6

Aniline

Concen: 21.89 ng

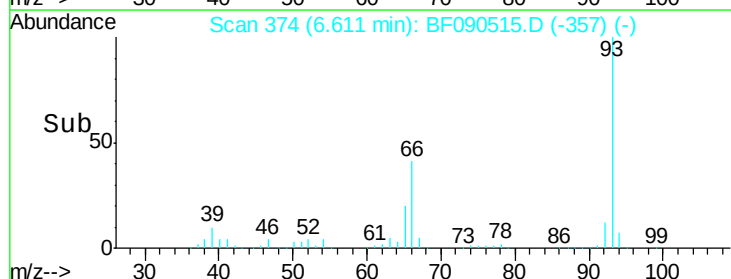
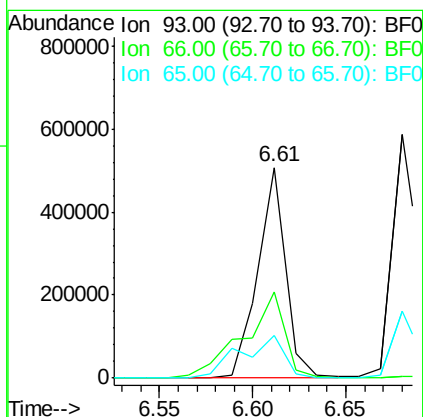
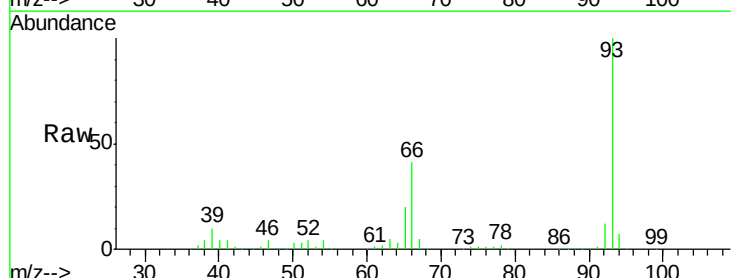
RT: 6.61 min Scan# 374

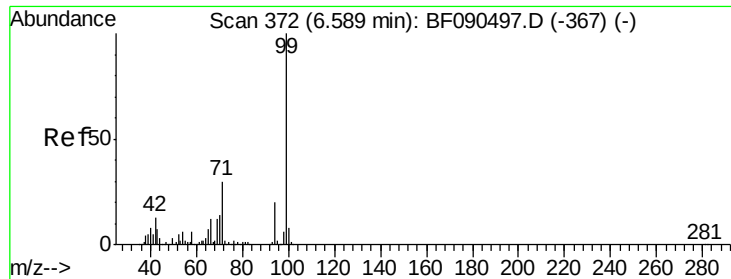
Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Tgt Ion:	93	Resp:	525999
Ion Ratio	Lower	Upper	
93	100		
66	40.6	34.5	51.7
65	20.3	18.2	27.2





#7

Phenol-d6

Concen: 32.08 ng

RT: 6.58 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Instrument :

BNA_F

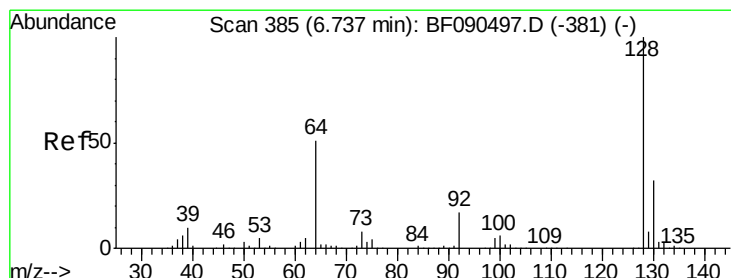
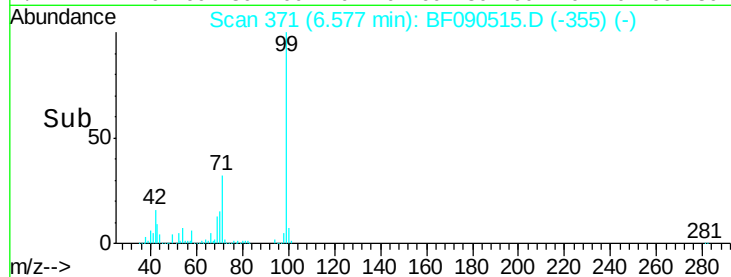
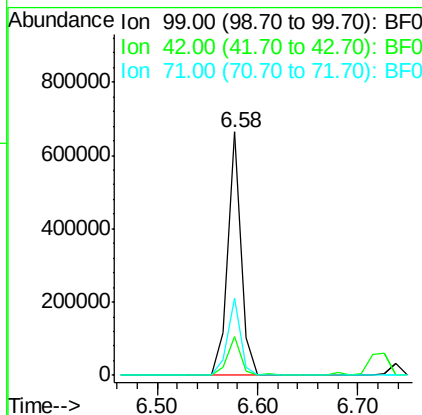
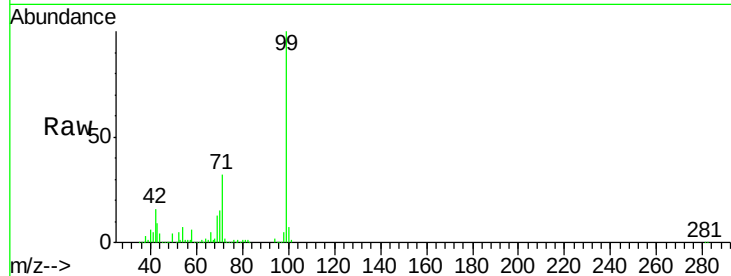
ClientSampleId :

S8-0617MSD

Tot Ion:	99	Resp:	607620
Ion Ratio	Lower	Upper	
99	100		
42	15.8	20.0	30.0#
71	32.0	27.9	41.9

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#8

2-Chlorophenol

Concen: 32.84 ng

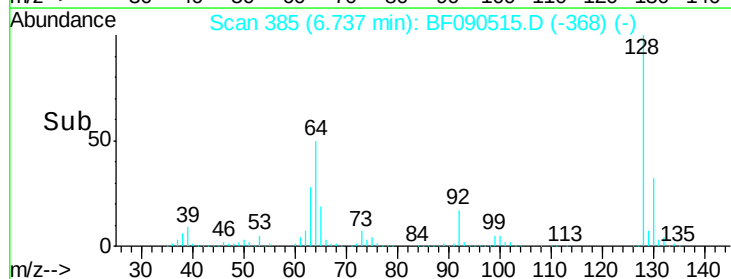
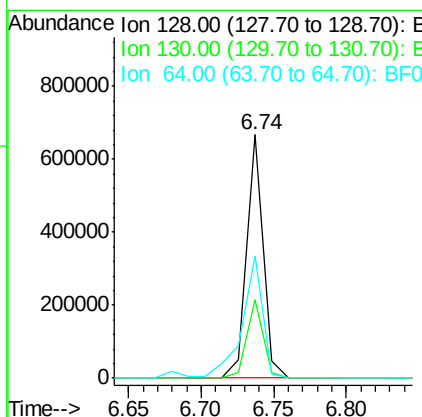
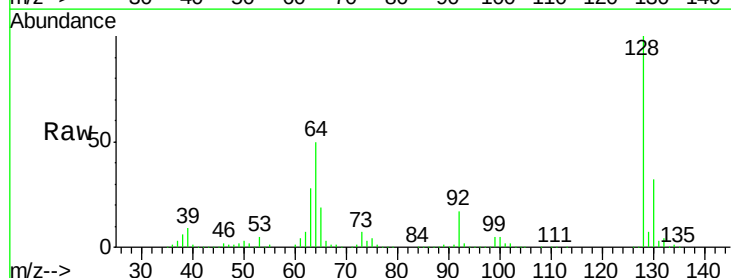
RT: 6.74 min Scan# 385

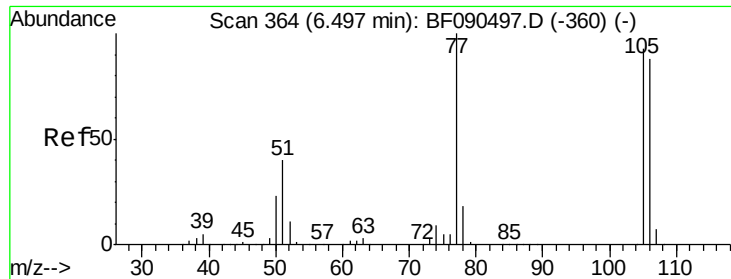
Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Tgt Ion:	128	Resp:	524398
Ion Ratio	Lower	Upper	
128	100		
130	32.3	13.3	53.3
64	50.3	36.0	76.0





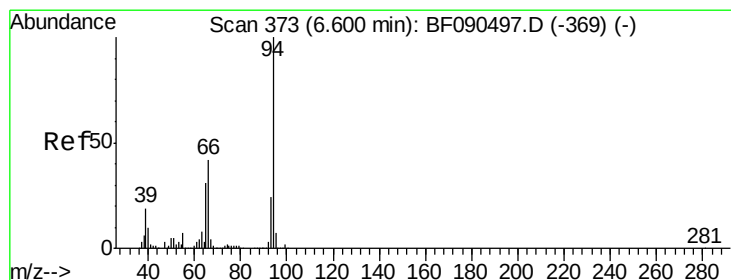
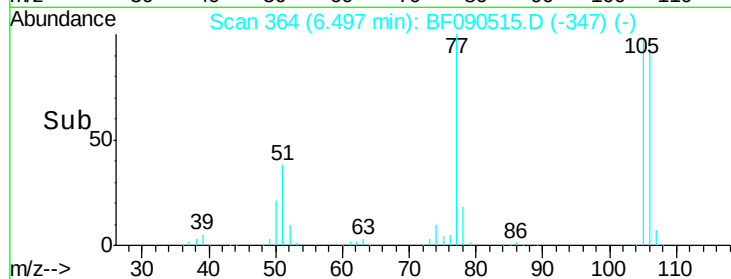
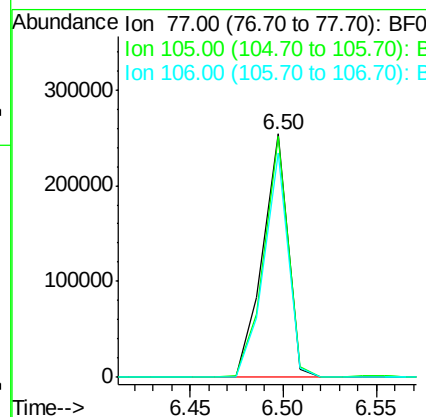
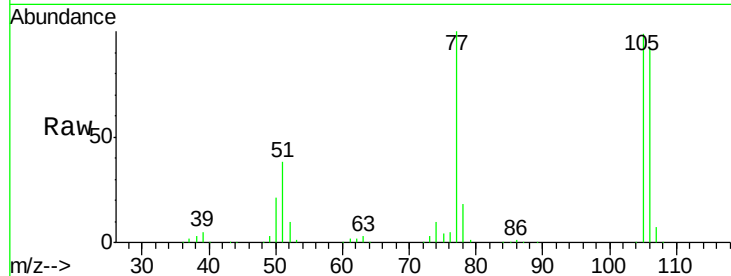
#9
Benzaldehyde
Concen: 19.92 ng
RT: 6.50 min Scan# 364
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	99.0	73.1	113.1		
106	92.4	70.2	110.2		

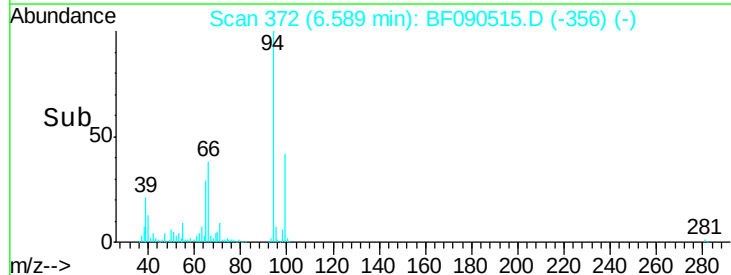
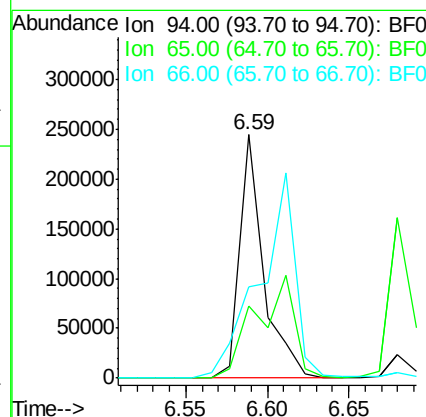
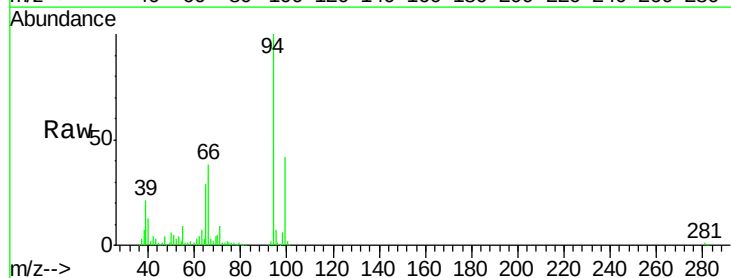
Manual Integrations
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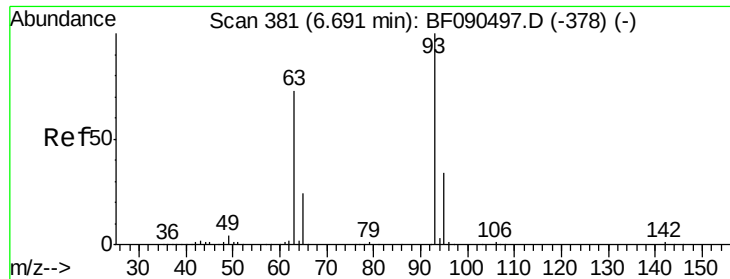
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#10
Phenol
Concen: 11.53 ng
RT: 6.59 min Scan# 372
Delta R.T. -0.01 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.4	13.3	53.3		
66	37.7	20.4	60.4		





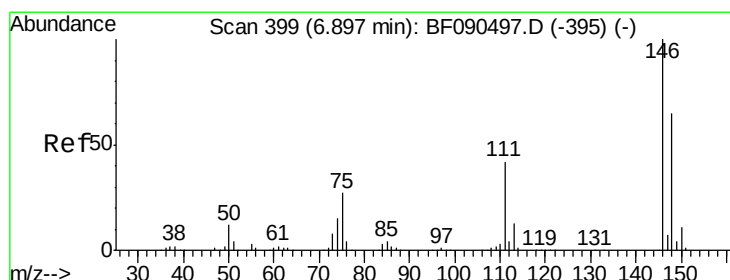
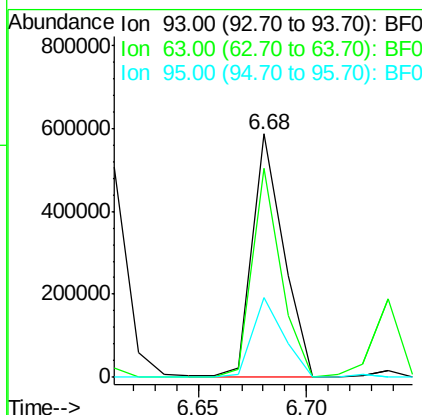
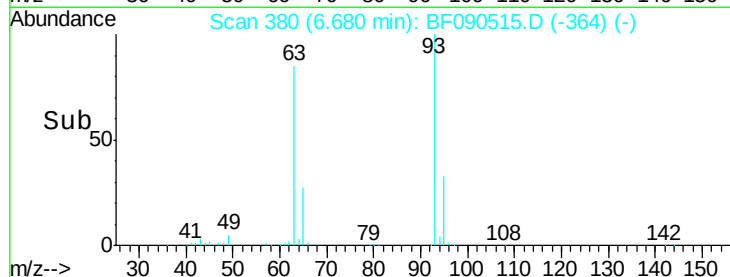
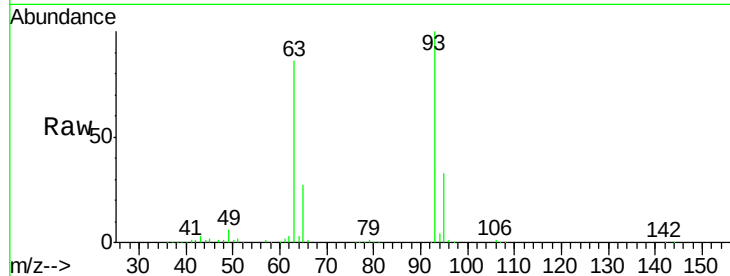
#11
bis(2-Chloroethyl)ether
Concen: 36.55 ng
RT: 6.68 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

Tot Ion:	93	Resp:	584549
Ion Ratio	Lower	Upper	
93	100		
63	86.0	59.7	99.7
95	32.6	14.0	54.0

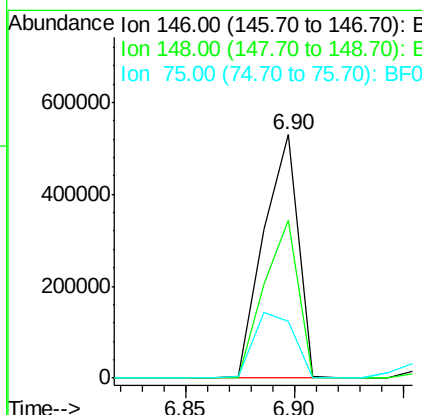
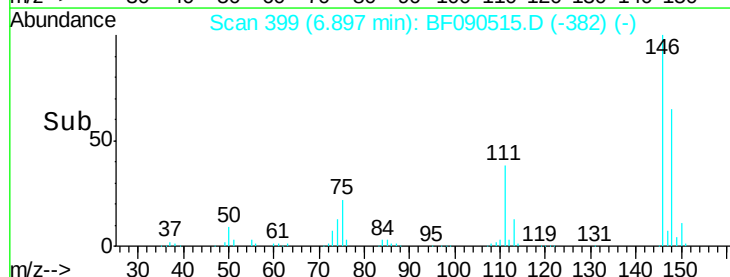
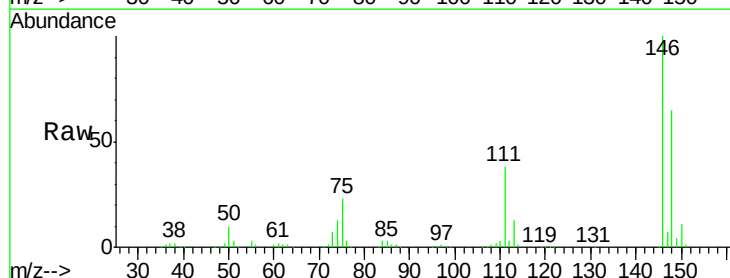
Manual Integrations
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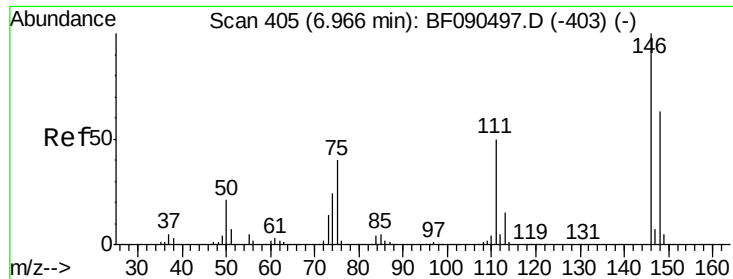
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#12
1,3-Dichlorobenzene
Concen: 34.23 ng
RT: 6.90 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion:	146	Resp:	589714
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.2	78.4
75	23.1	21.4	32.2





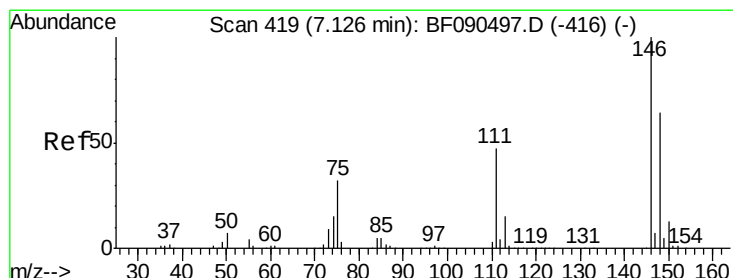
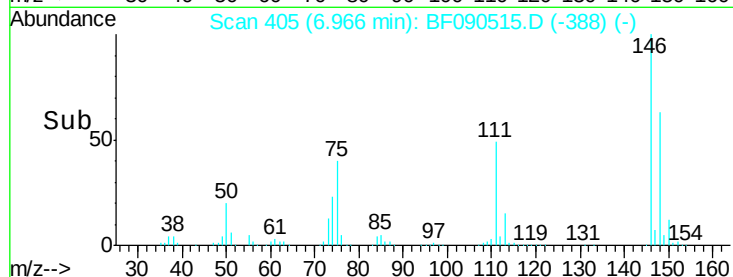
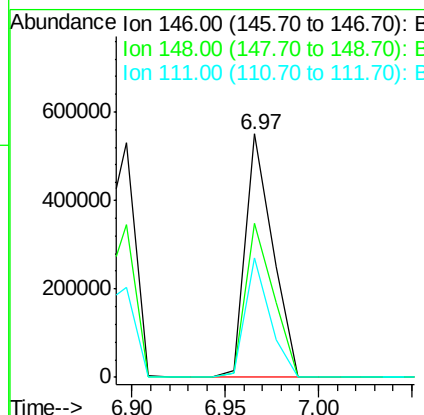
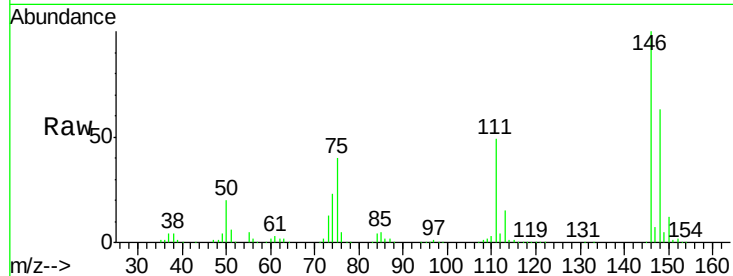
#13
1,4-Dichlorobenzene
Concen: 31.84 ng
RT: 6.97 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	49.0	37.8	56.6

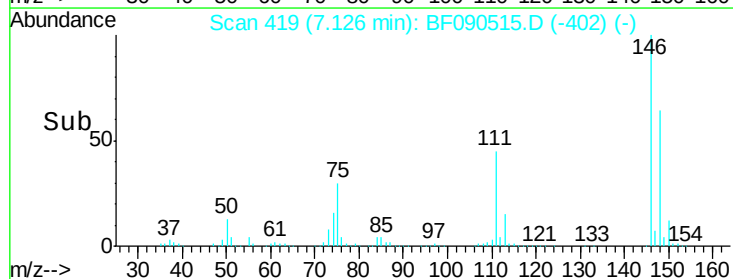
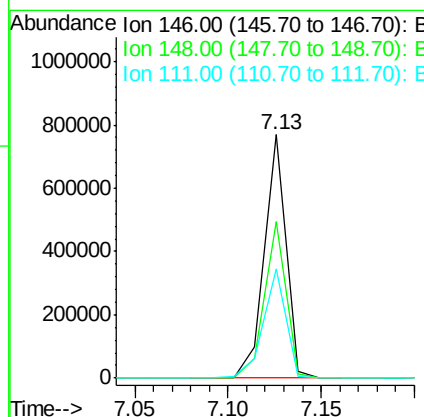
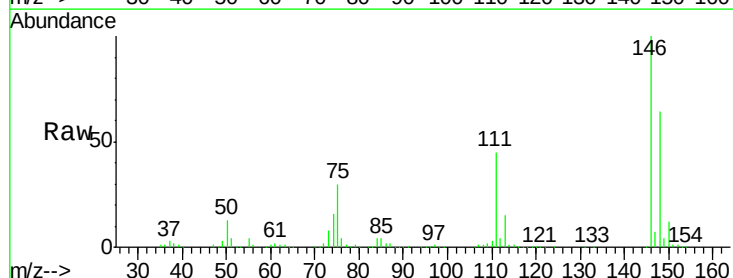
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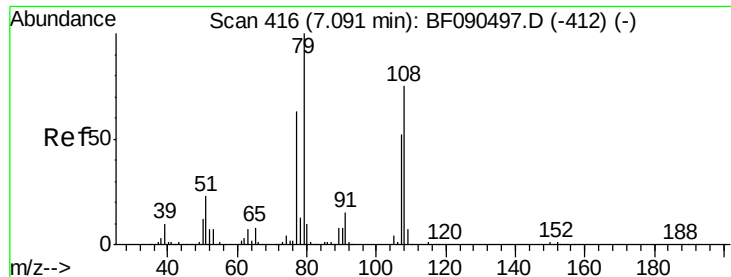
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#14
1,2-Dichlorobenzene
Concen: 38.20 ng
RT: 7.13 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.3	78.5
111	44.8	38.2	57.4





#15

Benzyl Alcohol

Concen: 25.75 ng

RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Instrument :

BNA_F

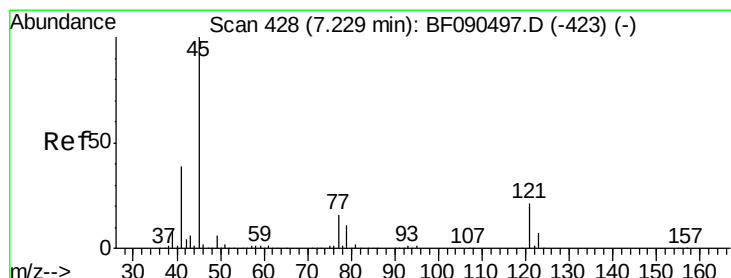
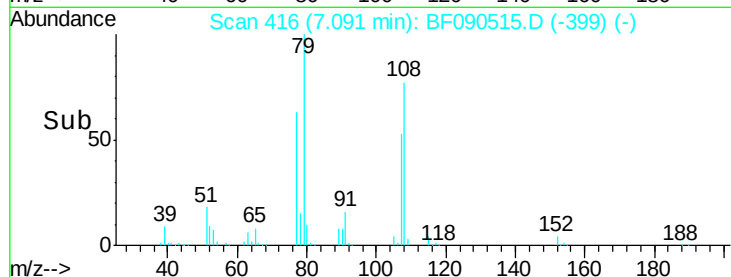
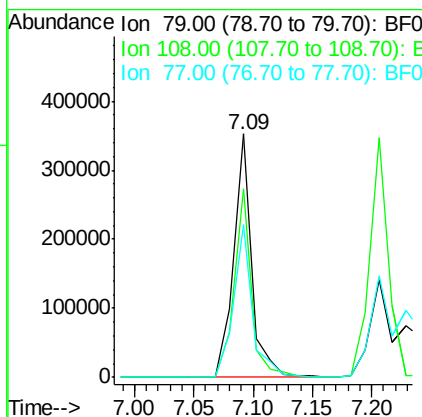
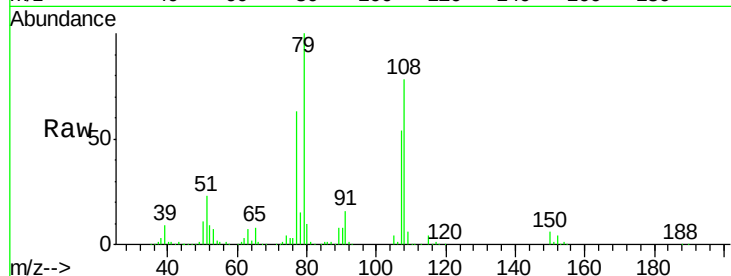
ClientSampleId :

S8-0617MSD

Tot Ion:	79	Resp:	374596
Ion Ratio	Lower	Upper	
79	100		
108	77.6	60.9	91.3
77	62.9	51.5	77.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.98 ng

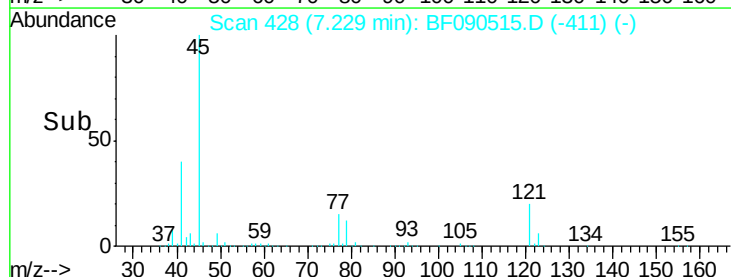
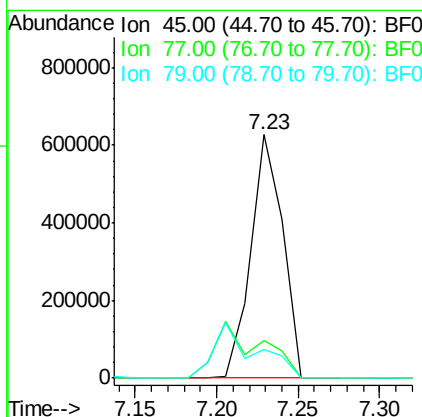
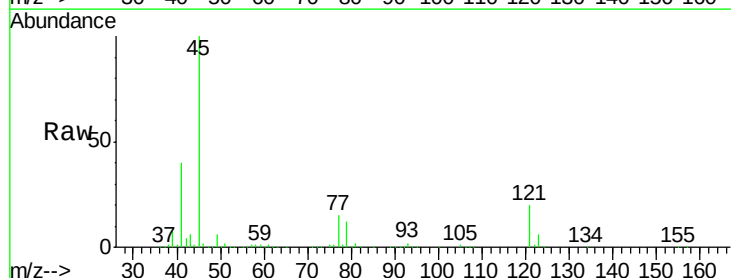
RT: 7.23 min Scan# 428

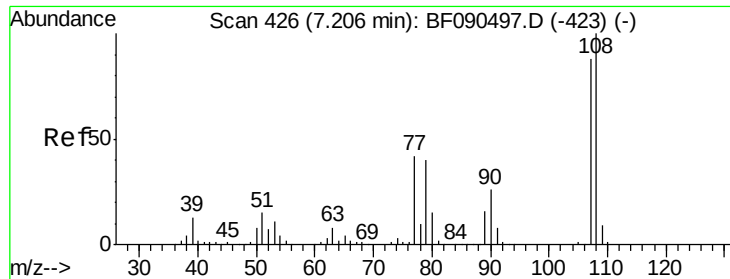
Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Tgt Ion:	45	Resp:	847641
Ion Ratio	Lower	Upper	
45	100		
77	15.5	0.0	30.8
79	11.9	0.0	28.2





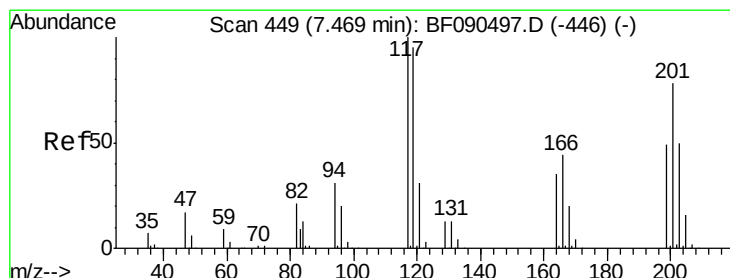
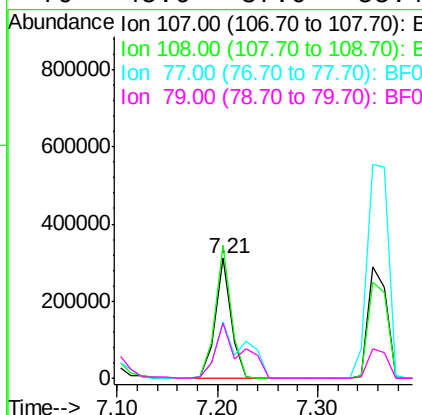
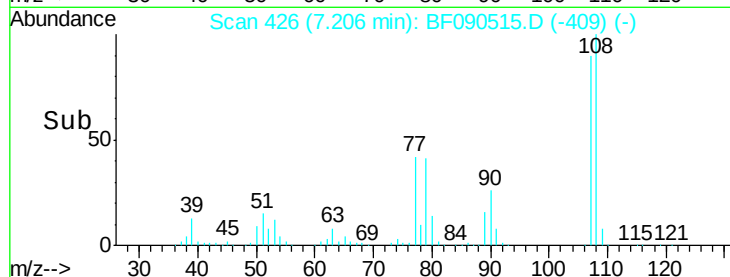
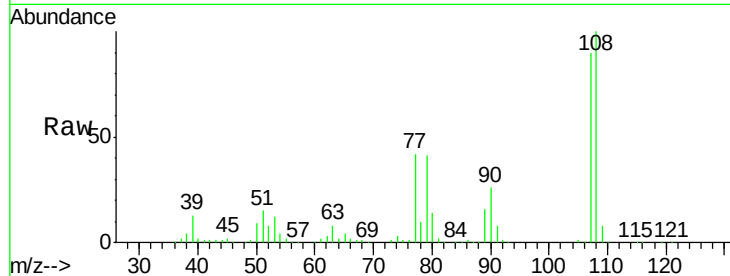
#17
2-Methylphenol
Concen: 26.13 ng
RT: 7.21 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		339416		
108	111.2	90.9	136.3		
77	47.0	38.2	57.4		
79	45.6	37.0	55.4		

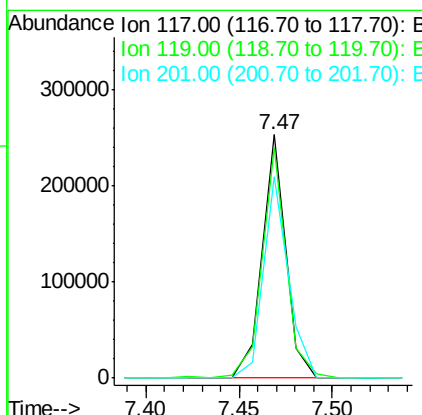
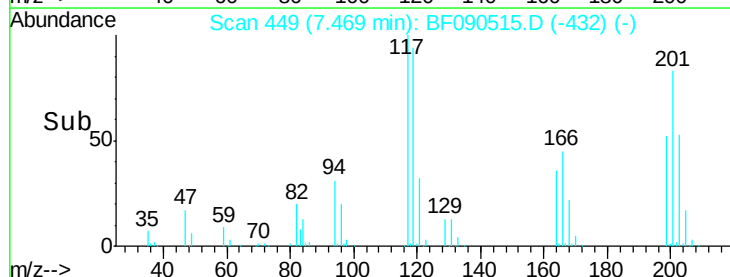
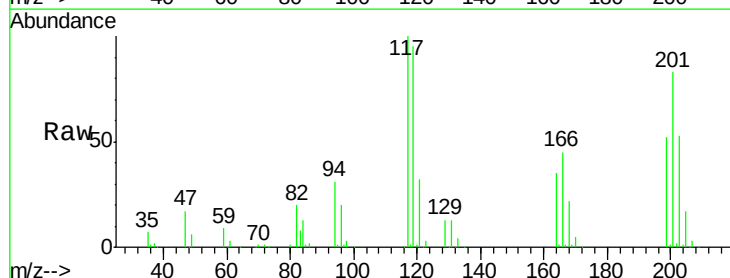
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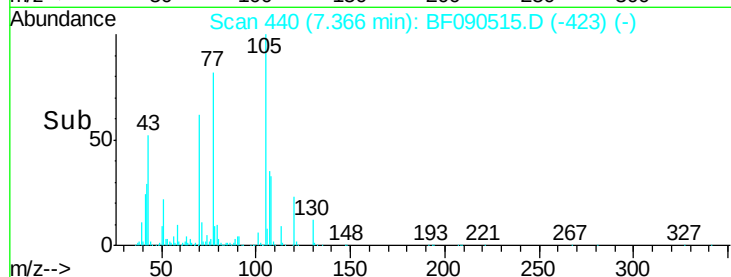
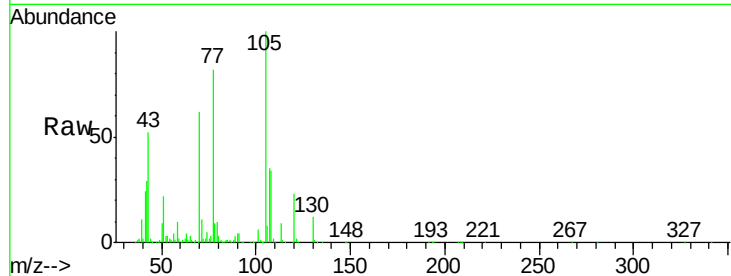
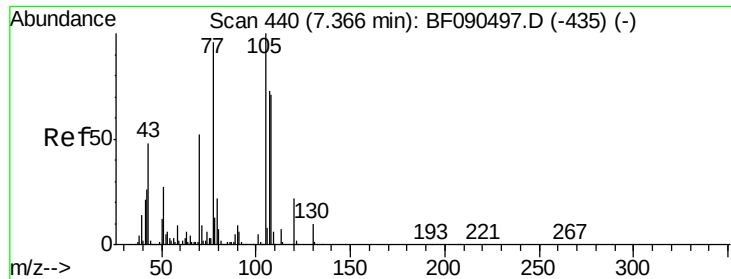
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#18
Hexachloroethane
Concen: 33.78 ng
RT: 7.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		219124		
119	95.0	75.9	113.9		
201	82.8	66.5	99.7		





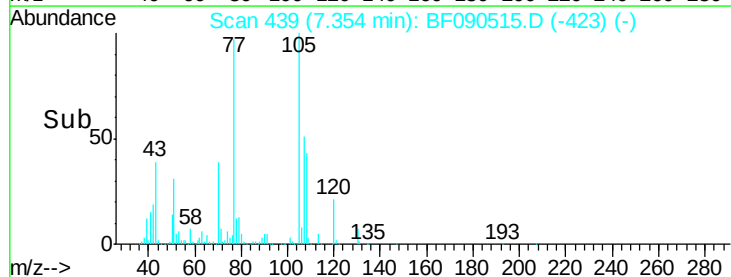
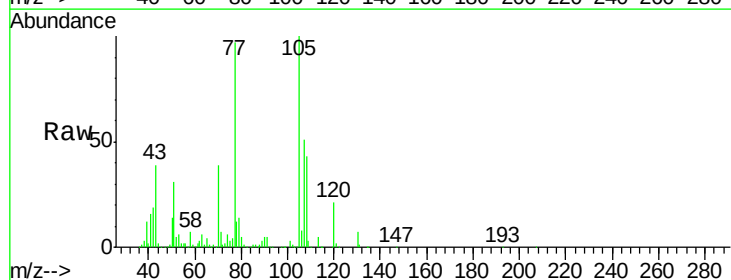
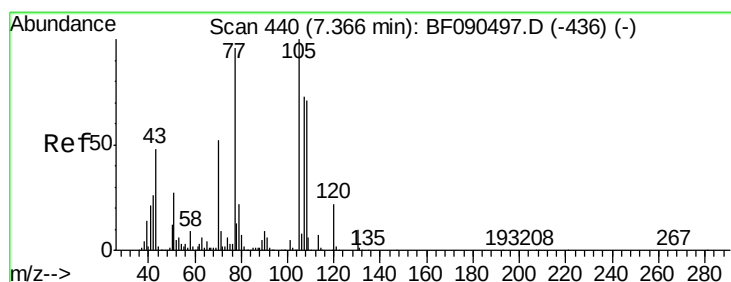
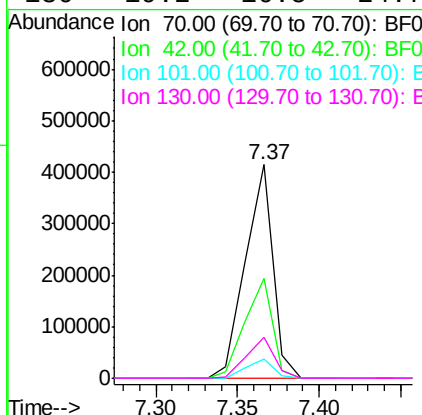
#19
n-Nitroso-di-n-propylamine
Concen: 40.03 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.7	55.4	83.2#
101	9.0	7.6	11.4
130	19.2	16.5	24.7

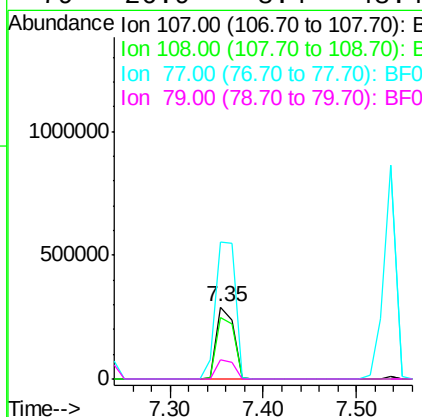
Manual Integrations
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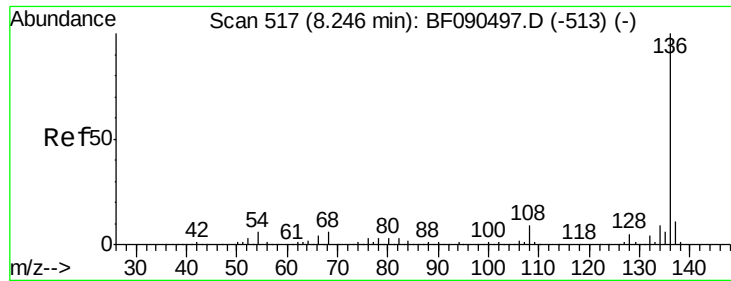
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#20
3+4-Methylphenols
Concen: 22.57 ng
RT: 7.35 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.4	66.7	106.7
77	191.2	53.7	93.7#
79	26.9	8.4	48.4





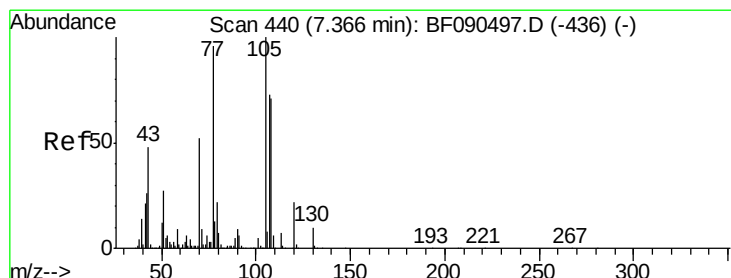
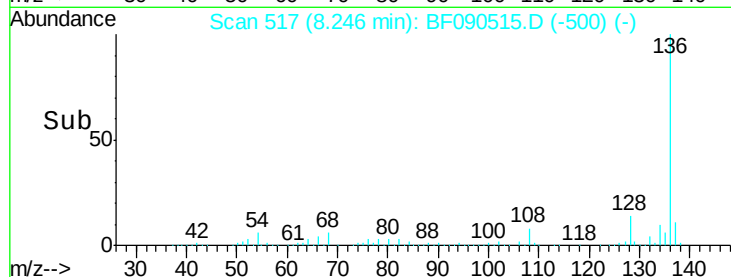
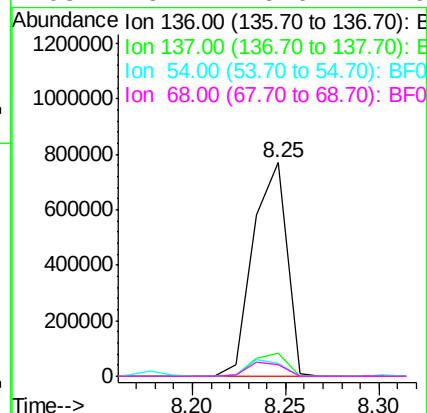
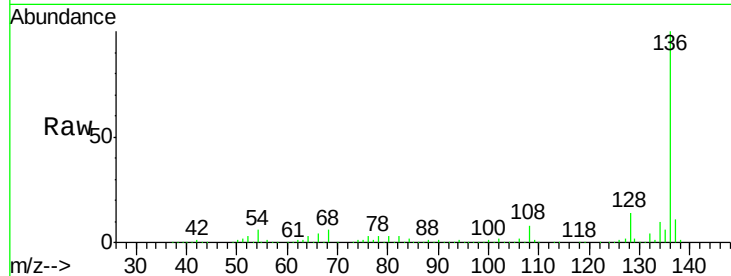
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.8		9.0	13.6	
54	5.9		6.6	10.0	
68	5.7		5.0	7.6	

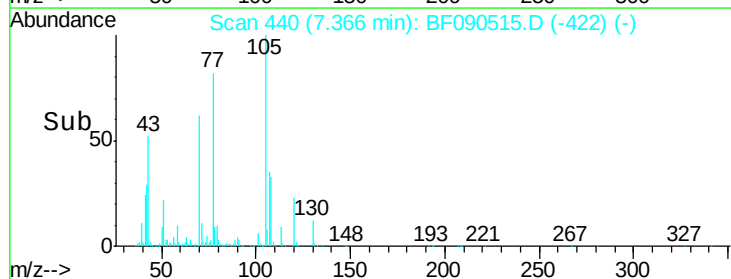
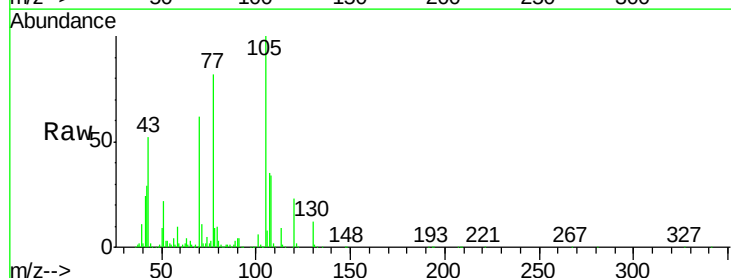
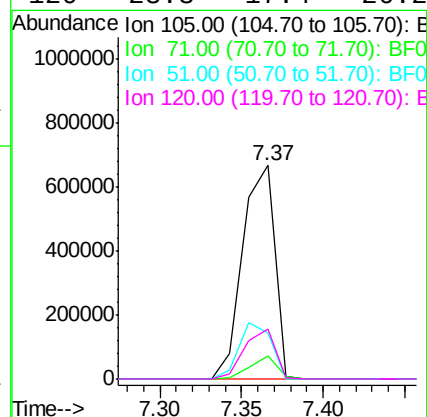
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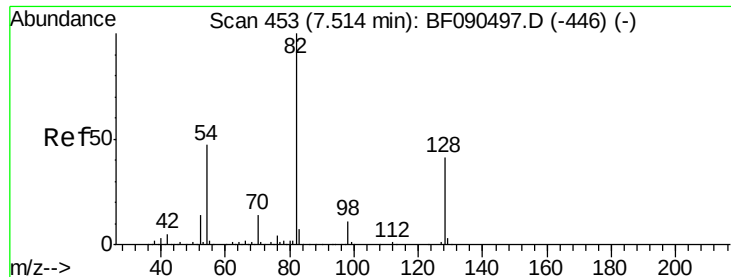
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#22
Acetophenone
Concen: 42.94 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	10.6		3.8	5.6	
51	21.8		28.2	42.4	
120	23.3		17.4	26.2	





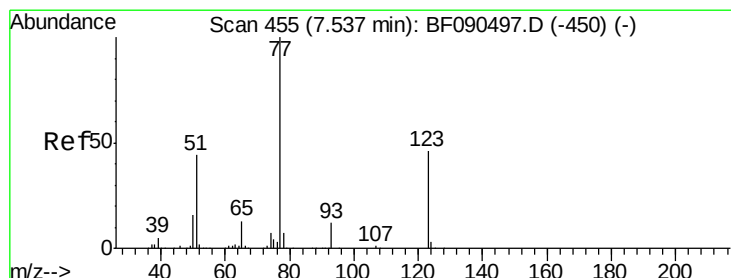
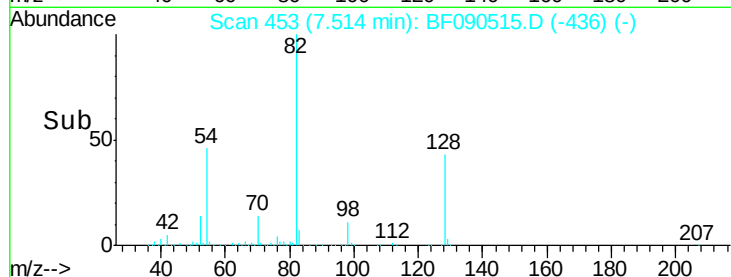
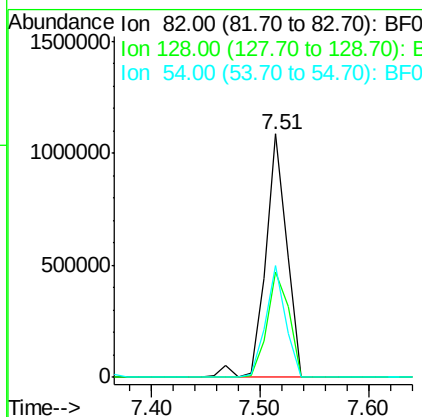
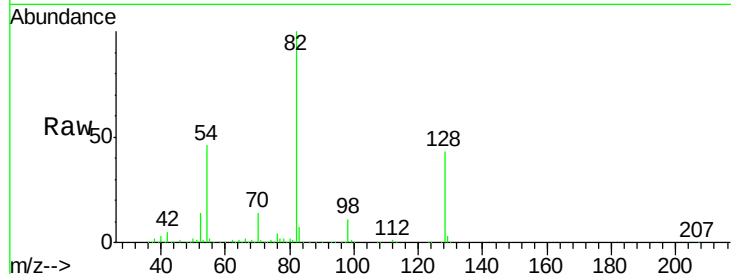
#23
 Nitrobenzene-d5
 Concen: 83.21 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090515.D
 Acq: 11 Oct 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	40.0	60.0
54	46.0	42.6	64.0

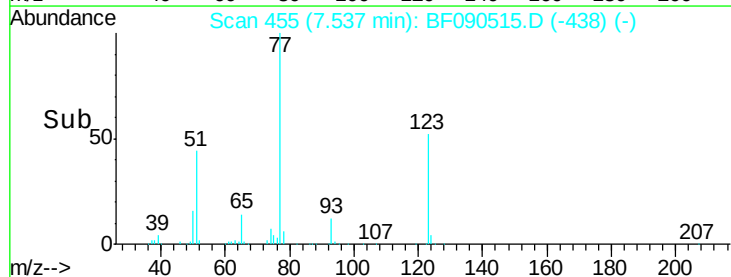
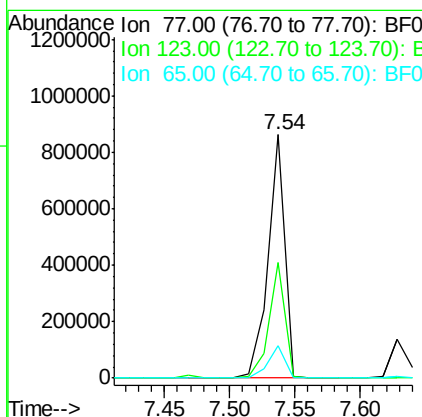
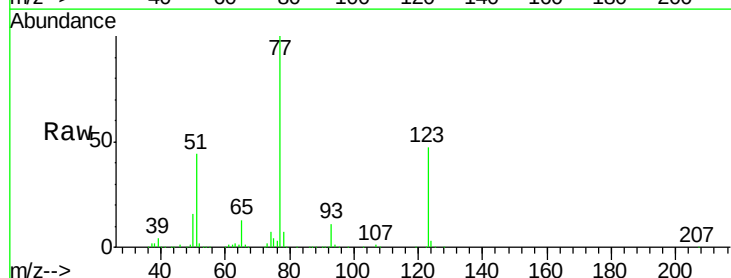
Manual Integrations
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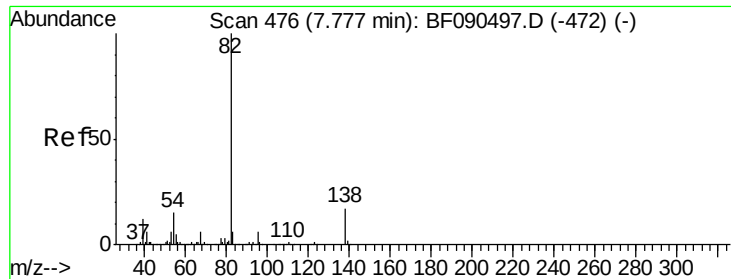
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#24
 Nitrobenzene
 Concen: 40.84 ng
 RT: 7.54 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF090515.D
 Acq: 11 Oct 2016 21:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	33.0	49.4
65	13.1	12.0	18.0





#25

Isophorone

Concen: 41.88 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Instrument :

BNA_F

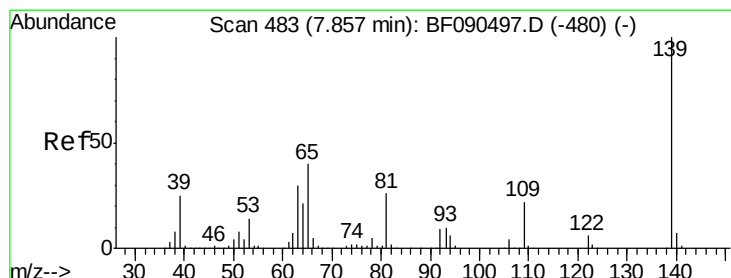
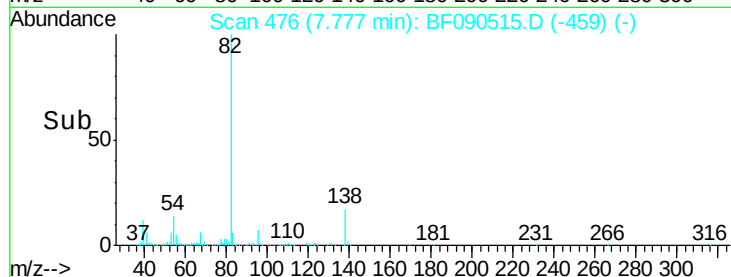
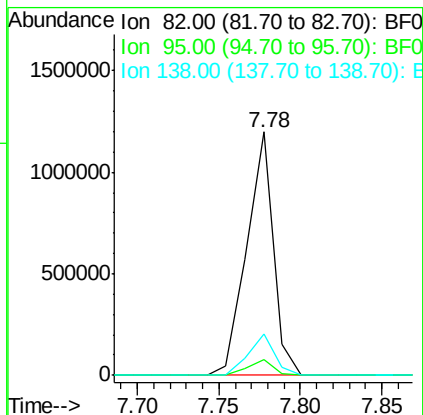
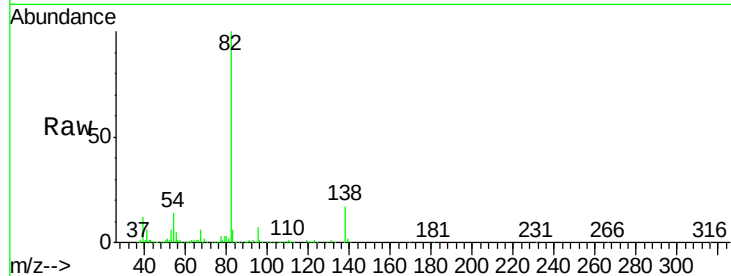
ClientSampleId :

S8-0617MSD

Tot Ion	82	Resp	1353082
Ion Ratio	100	Lower	Upper
82	100		
95	6.5	5.2	7.8
138	16.9	13.0	19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.01 ng

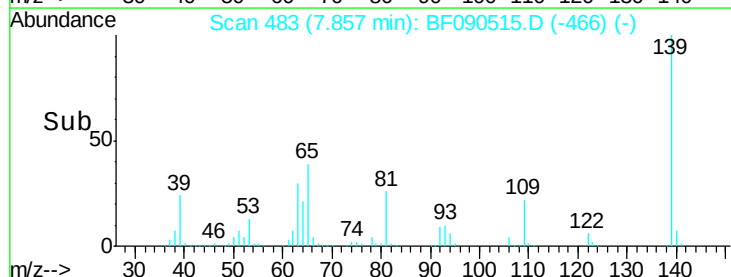
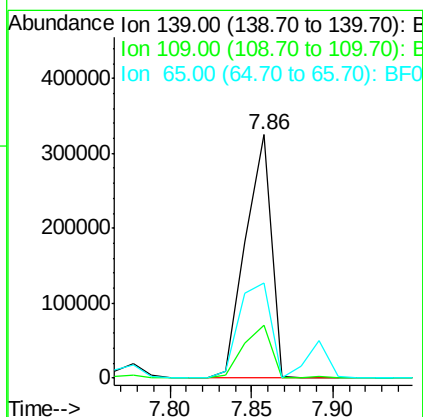
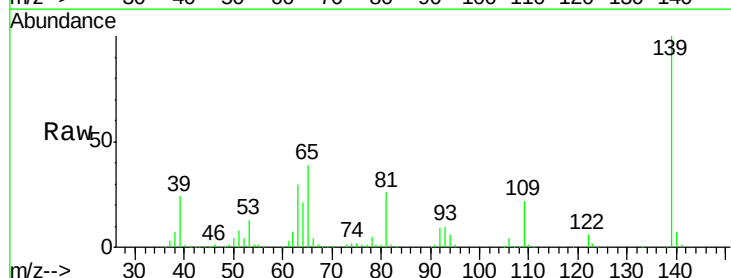
RT: 7.86 min Scan# 483

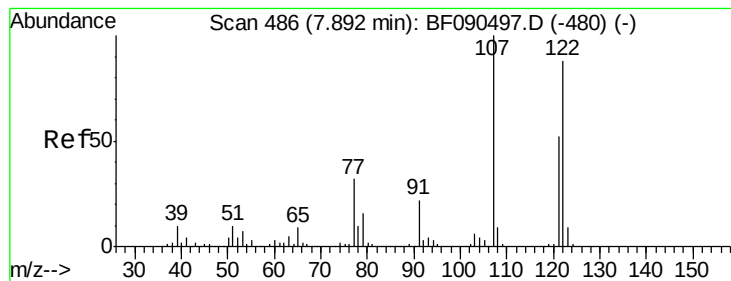
Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Tgt Ion	139	Resp	356239
Ion Ratio	100	Lower	Upper
139	100		
109	21.7	18.9	28.3
65	38.9	31.6	47.4





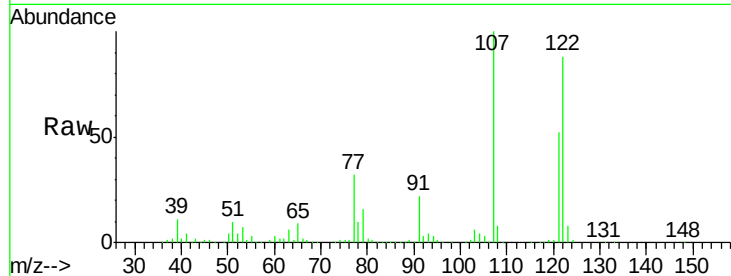
#27
 2,4-Dimethylphenol
 Concen: 34.42 ng
 RT: 7.89 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090515.D
 Acq: 11 Oct 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MSD

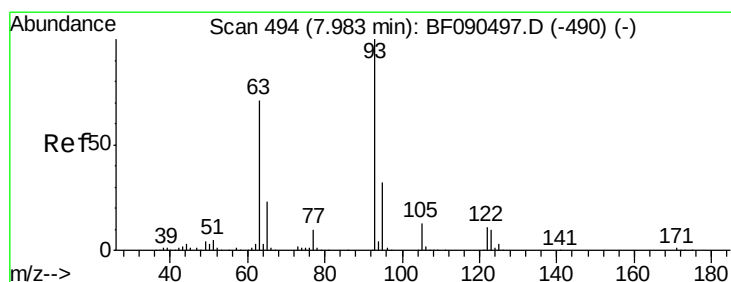
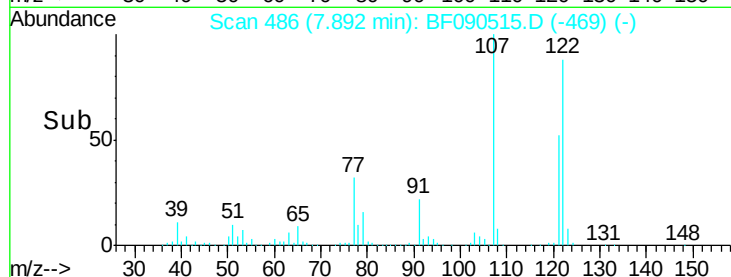
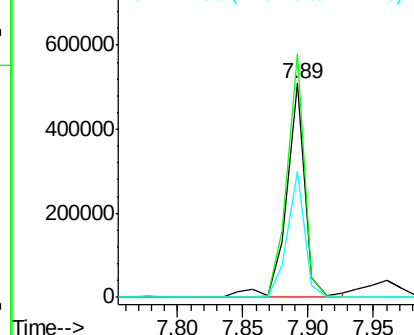
Tot Ion	Ratio	Resp	Lower	Upper
122	100	508296		
107	113.7		88.6	132.8
121	58.7		47.5	71.3

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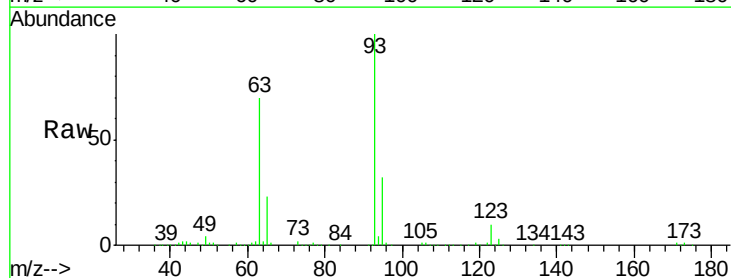


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

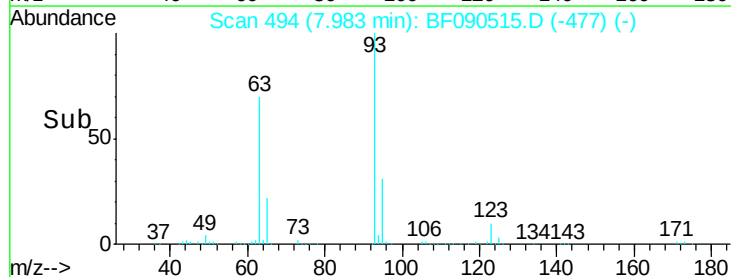
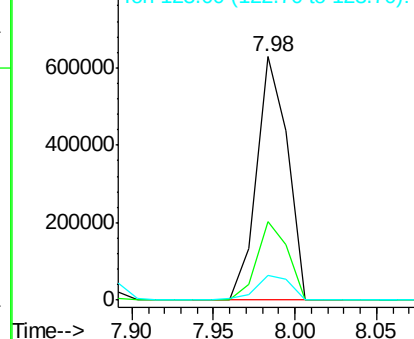


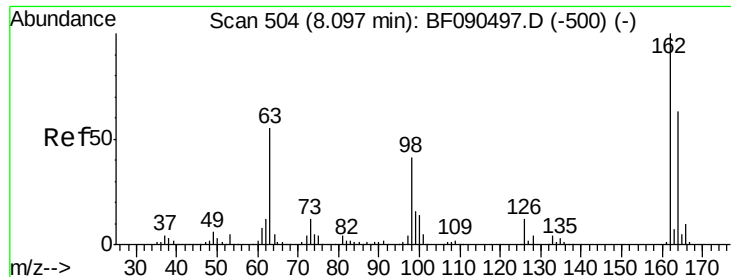
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.23 ng
 RT: 7.98 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF090515.D
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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	822661		
95	32.3		27.0	40.4
123	10.3		11.1	16.7#



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





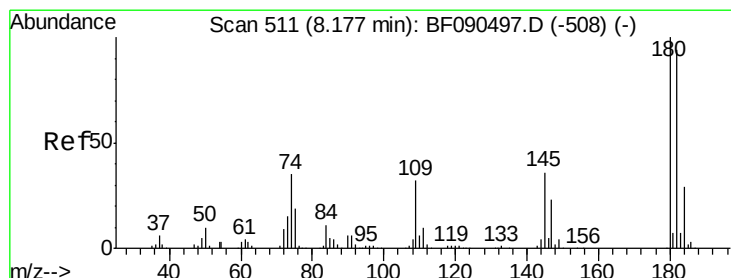
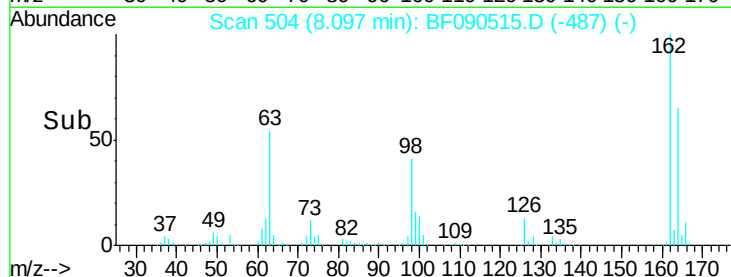
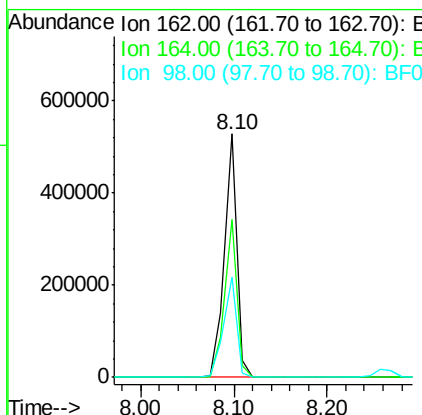
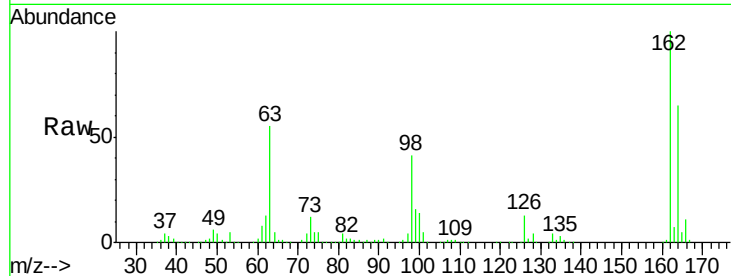
#29
 2,4-Dichlorophenol
 Concen: 39.64 ng
 RT: 8.10 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF090515.D
 Acq: 11 Oct 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	489552		
164	65.0		45.7	85.7
98	41.2		13.3	53.3

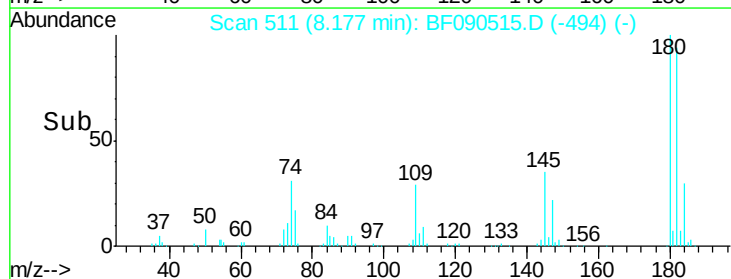
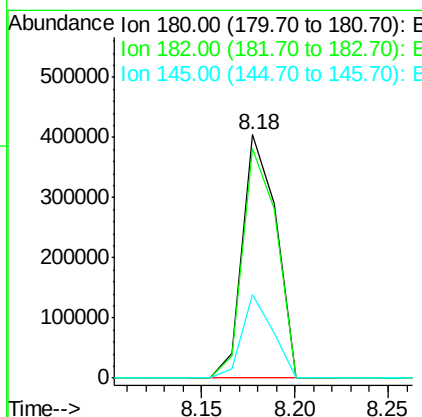
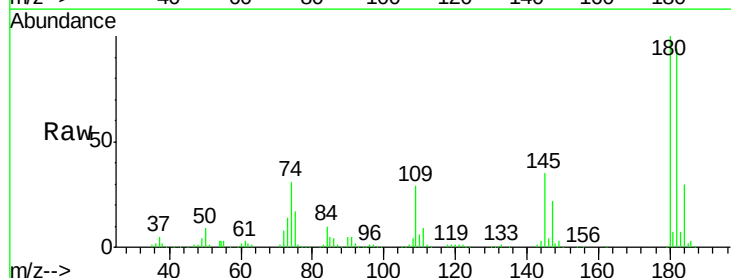
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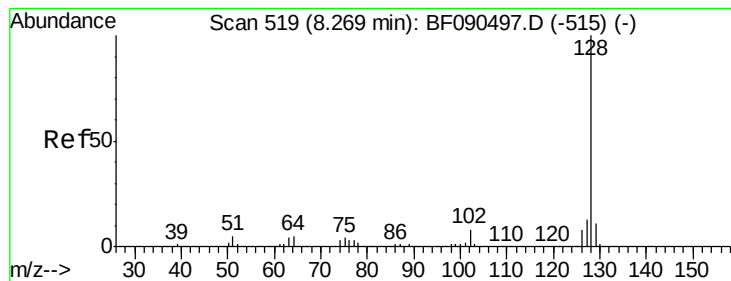
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.64 ng
 RT: 8.18 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF090515.D
 Acq: 11 Oct 2016 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	505567		
182	94.5		75.3	112.9
145	34.5		27.7	41.5





#31

Naphthalene

Concen: 36.53 ng

RT: 8.27 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Instrument :

BNA_F

ClientSampleId :

S8-0617MSD

Tot Ion:128 Resp: 1752339

Ion Ratio Lower Upper

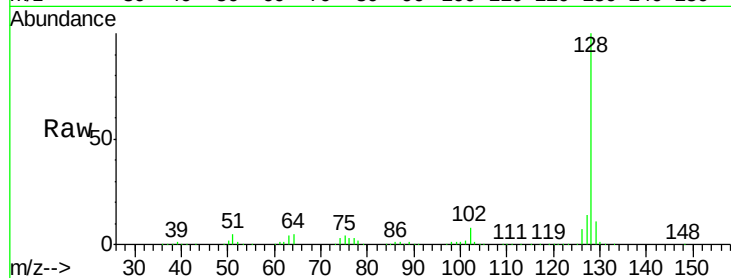
128 100

129 11.1 9.7 14.5

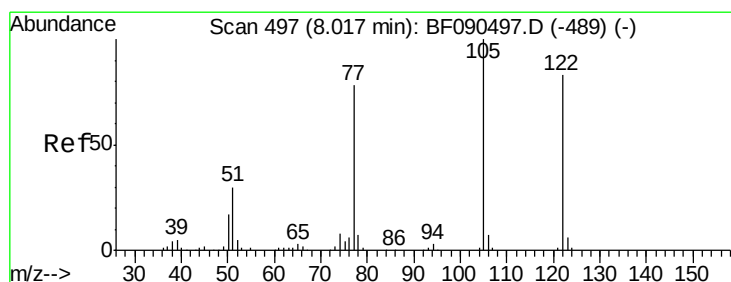
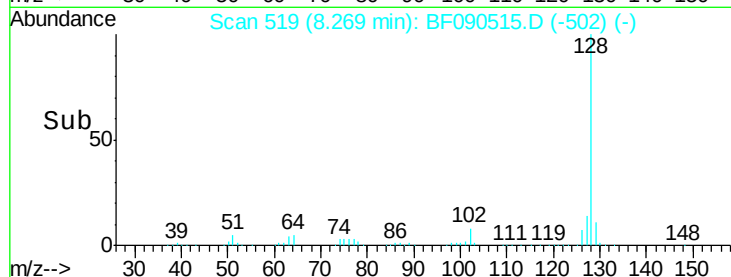
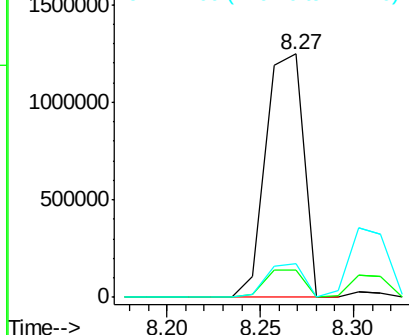
127 13.6 11.7 17.5

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



#32

Benzoic acid

Concen: 6.78 ng

RT: 7.96 min Scan# 492

Delta R.T. -0.06 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

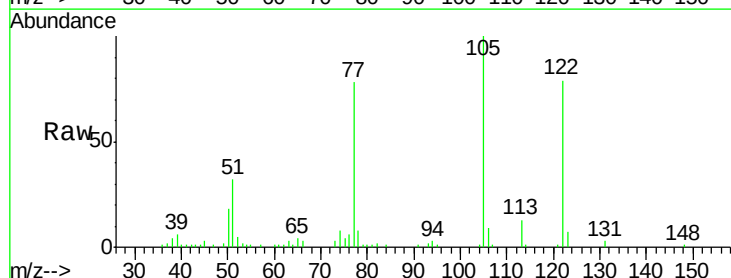
Tgt Ion:122 Resp: 79038

Ion Ratio Lower Upper

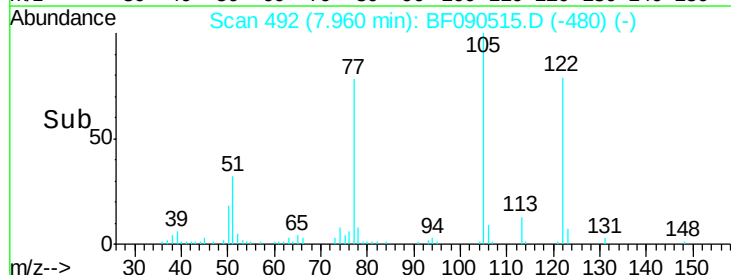
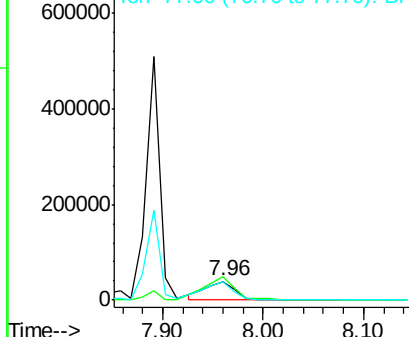
122 100

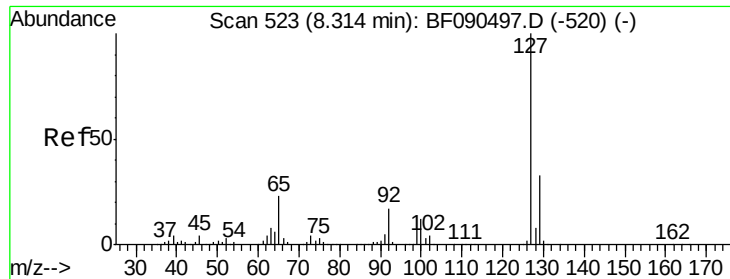
105 126.6 103.9 143.9

77 98.2 74.6 114.6



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





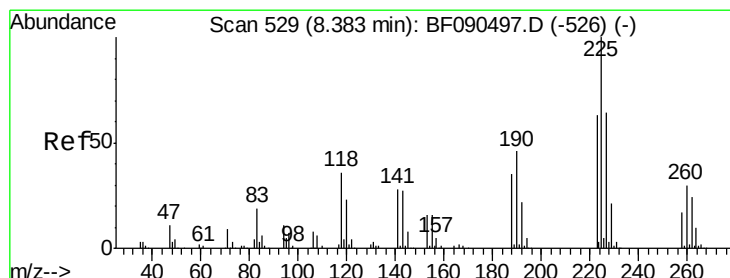
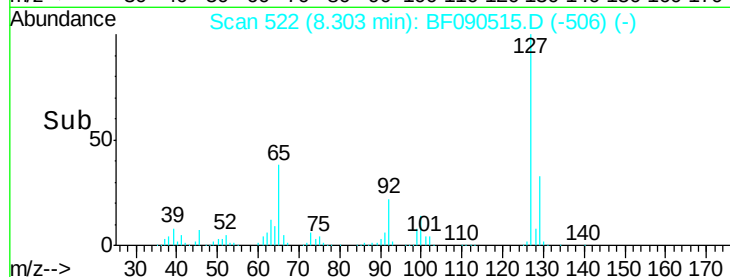
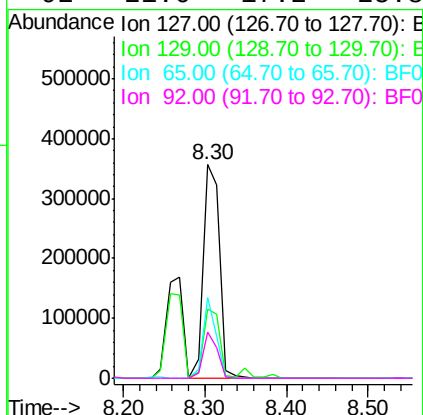
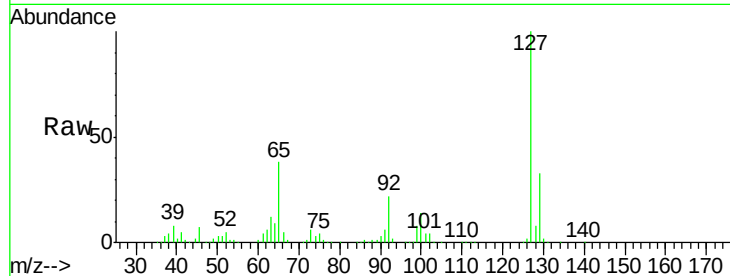
#33
4-Chloroaniline
Concen: 24.74 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.2	39.4		
65	37.7	32.5	48.7		
92	21.6	17.2	25.8		

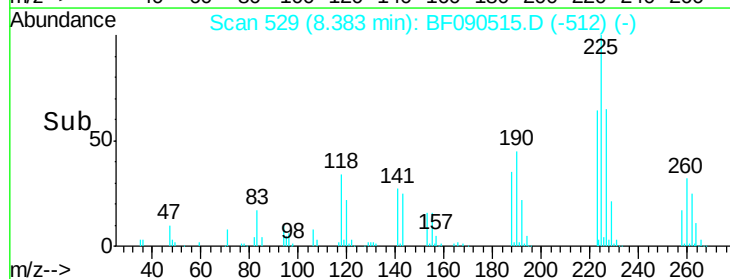
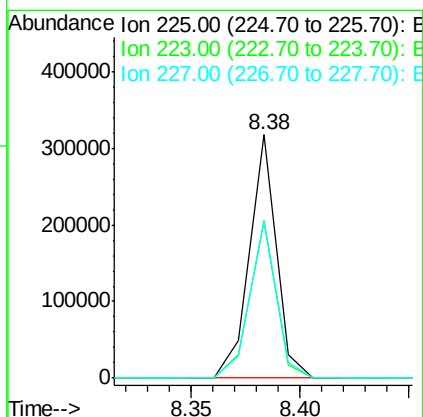
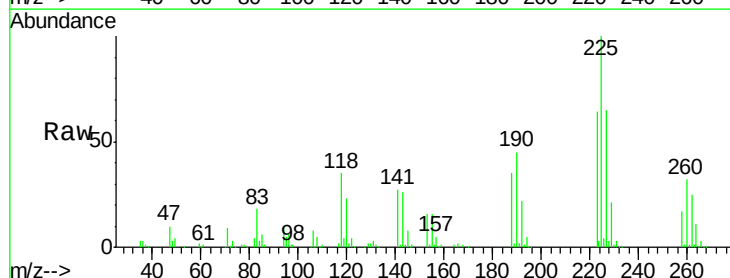
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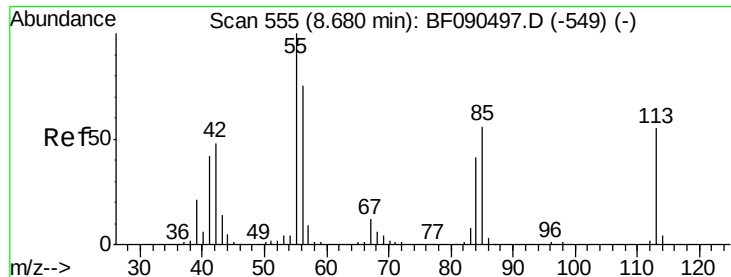
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#34
Hexachlorobutadiene
Concen: 34.36 ng
RT: 8.38 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	51.0	76.4		
227	64.9	50.8	76.2		





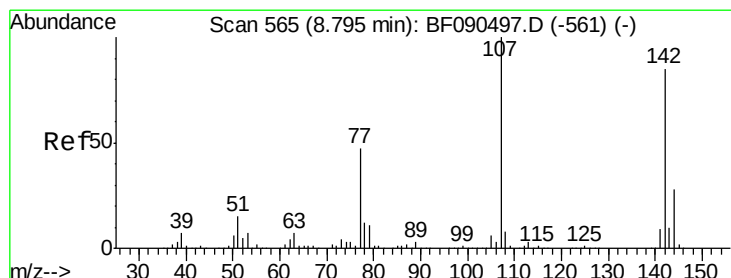
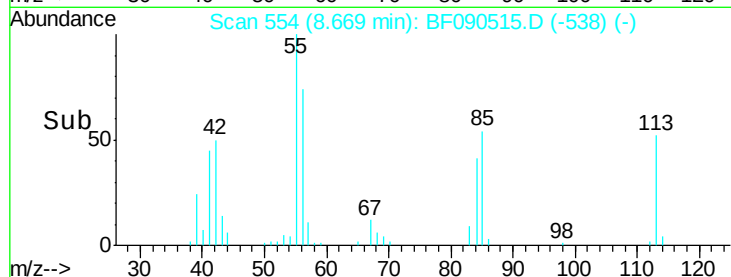
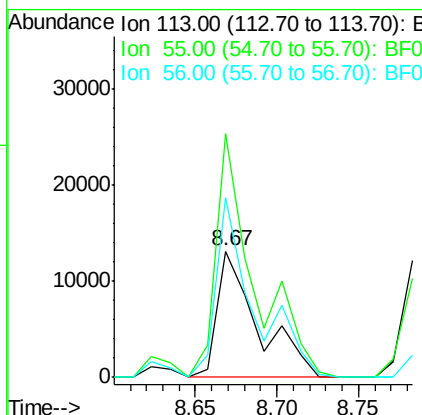
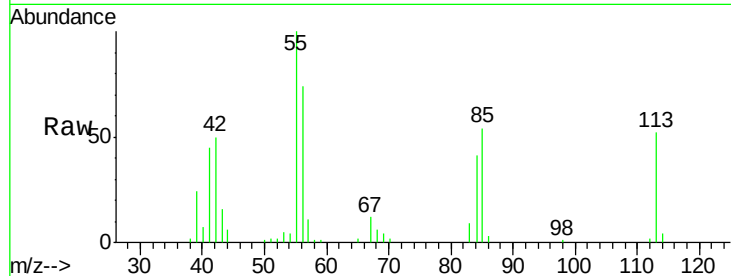
#35
Caprolactam
Concen: 5.62 ng
RT: 8.67 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

Tot Ion:113 Resp: 22513
Ion Ratio Lower Upper
113 100
55 193.3 203.3 243.3#
56 142.7 140.5 180.5

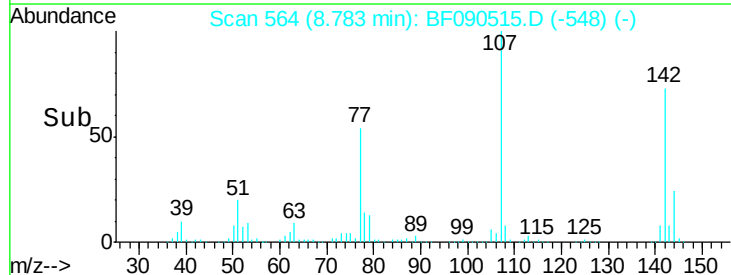
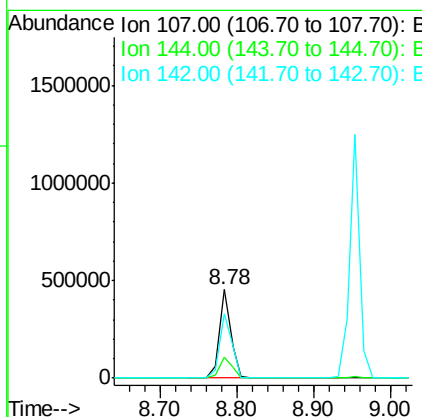
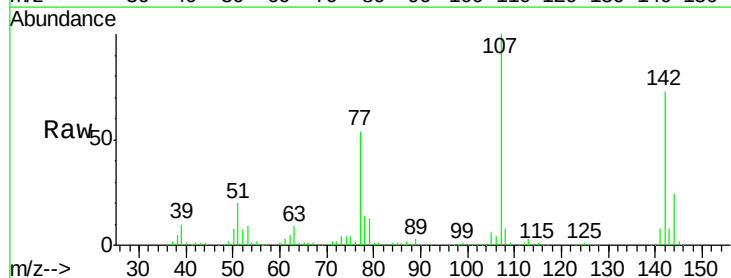
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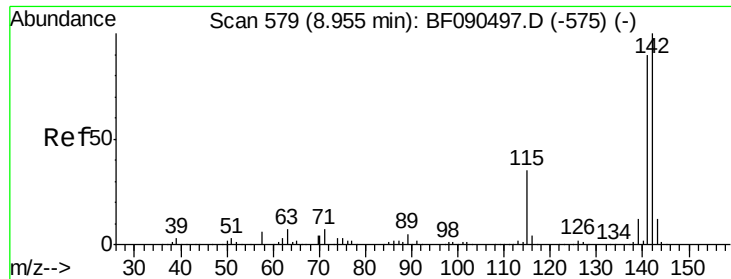
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#36
4-Chloro-3-methylphenol
Concen: 32.83 ng
RT: 8.78 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion:107 Resp: 473441
Ion Ratio Lower Upper
107 100
144 23.8 19.8 29.8
142 72.7 60.7 91.1





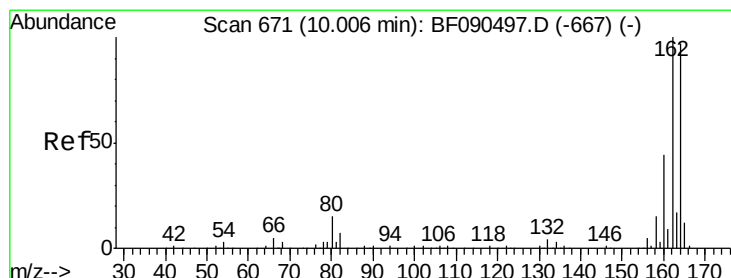
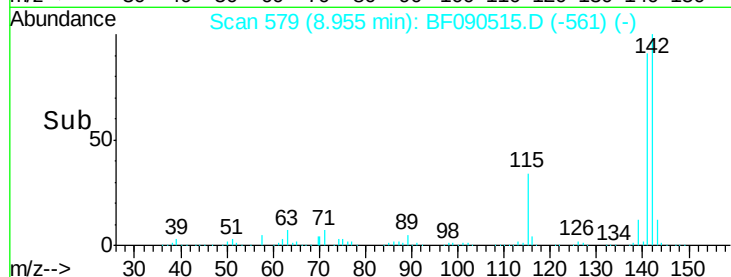
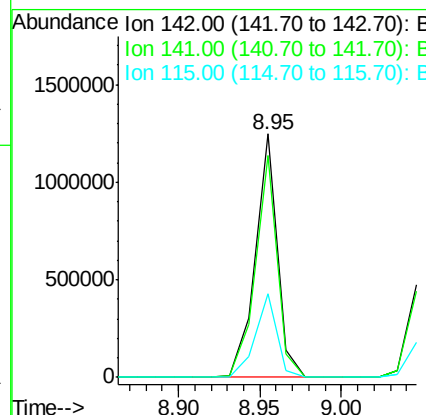
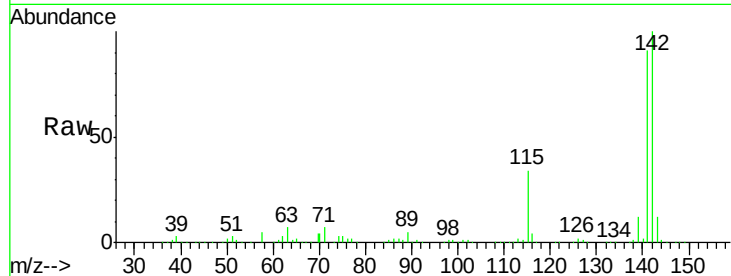
#37
2-Methylnaphthalene
Concen: 36.16 ng
RT: 8.95 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

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

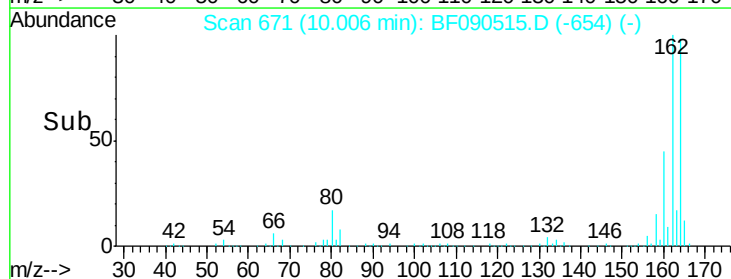
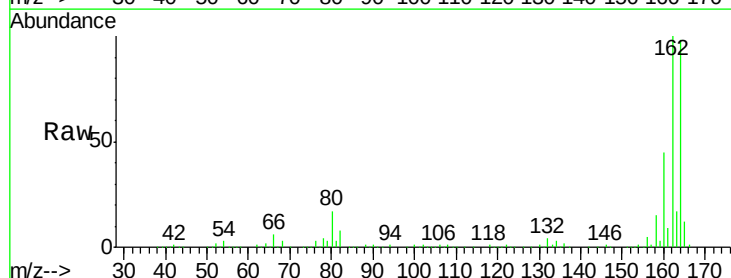
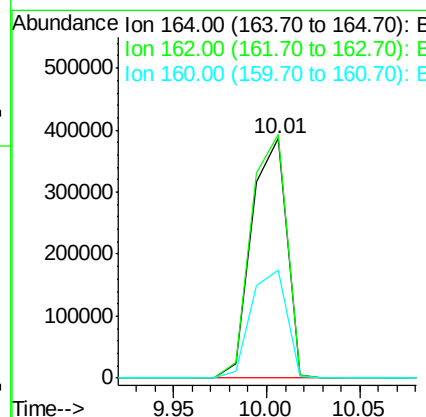
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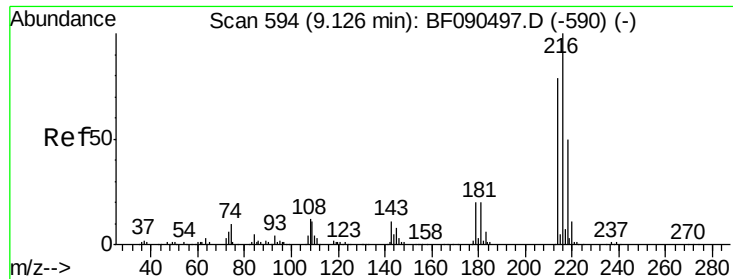
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.1	120.1
160	45.3	36.3	54.5





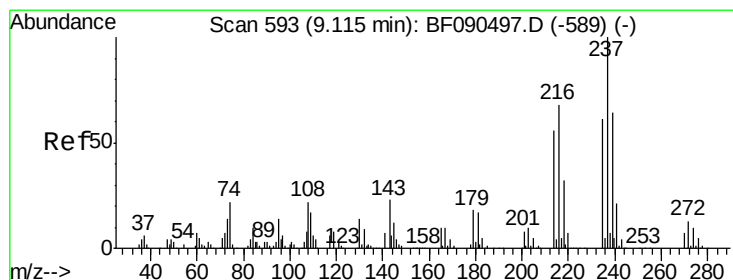
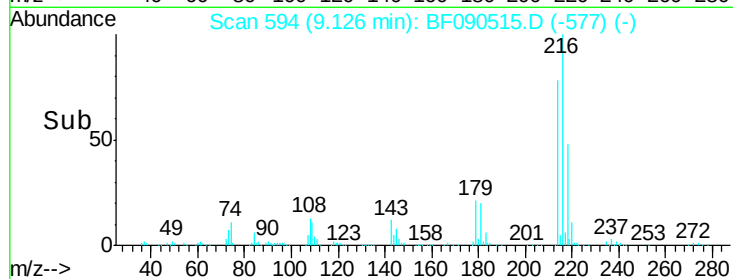
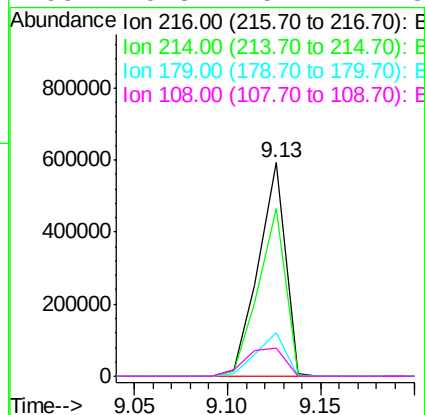
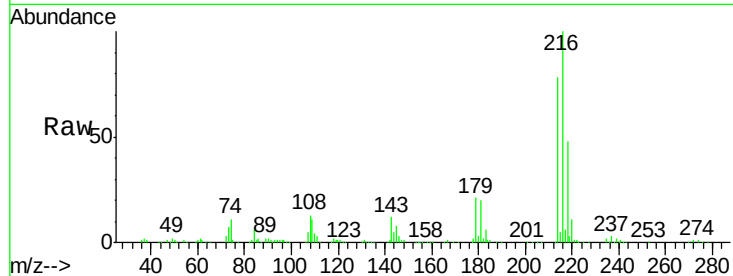
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.60 ng
 RT: 9.13 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF090515.D
 Acq: 11 Oct 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.7	64.2	96.2
179	21.6	18.0	27.0
108	19.3	15.2	22.8

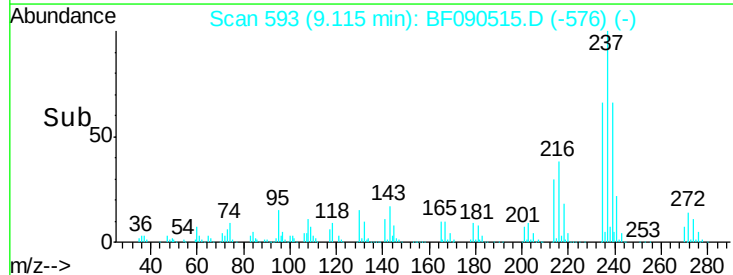
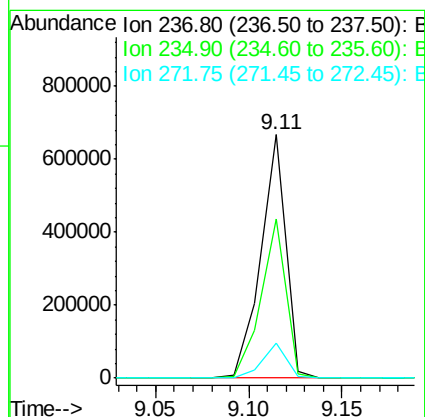
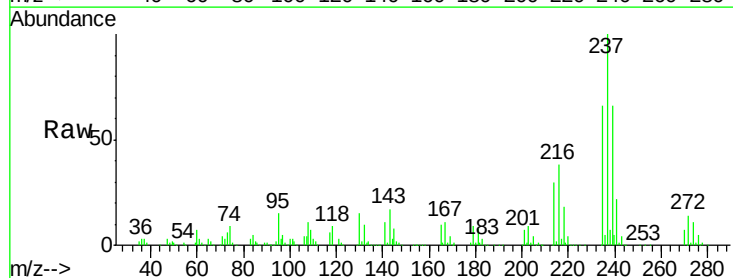
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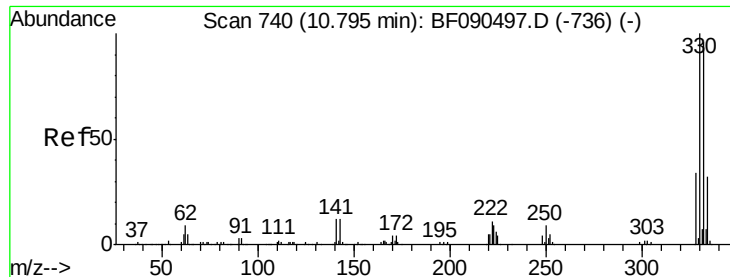
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#40
 Hexachlorocyclopentadiene
 Concen: 88.81 ng
 RT: 9.11 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF090515.D
 Acq: 11 Oct 2016 21:19

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	65.6	43.6	83.6
272	14.2	0.0	32.7





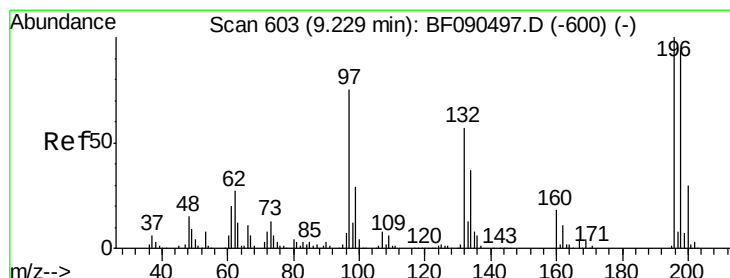
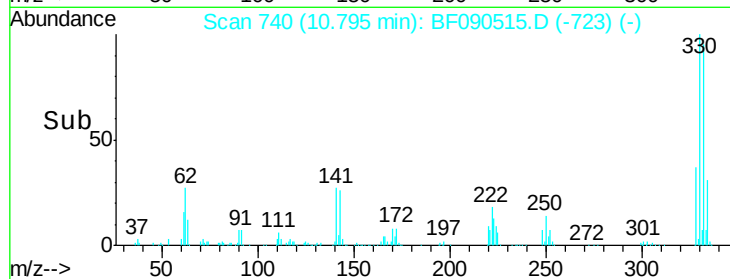
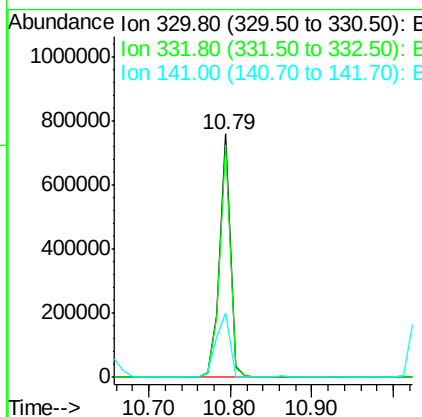
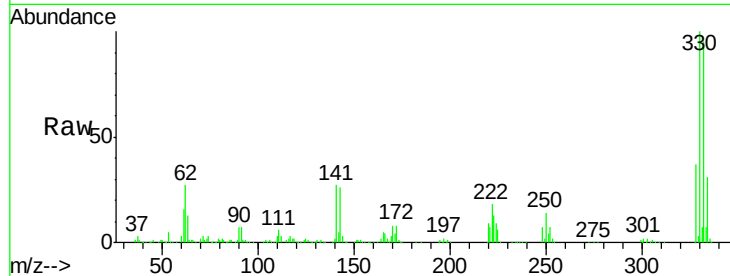
#41
 2,4,6-Tribromophenol
 Concen: 140.31 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090515.D
 Acq: 11 Oct 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	695757		
332	95.1		75.4	113.0
141	34.7		26.9	40.3

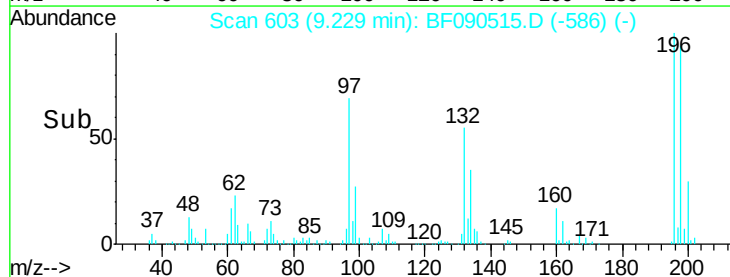
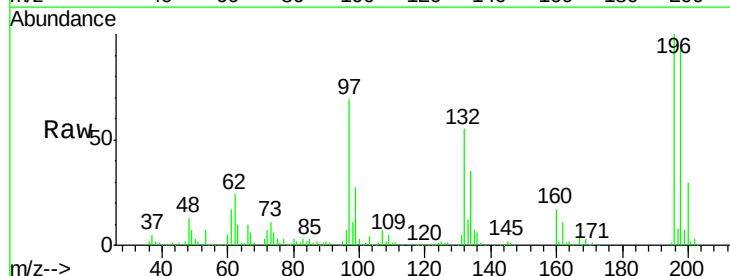
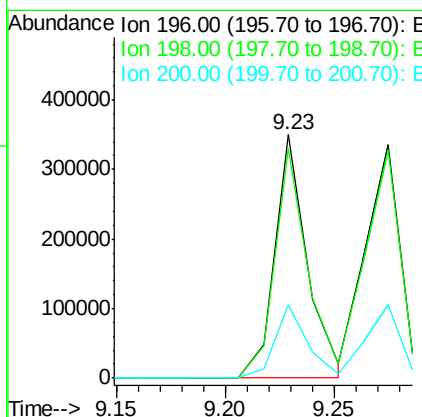
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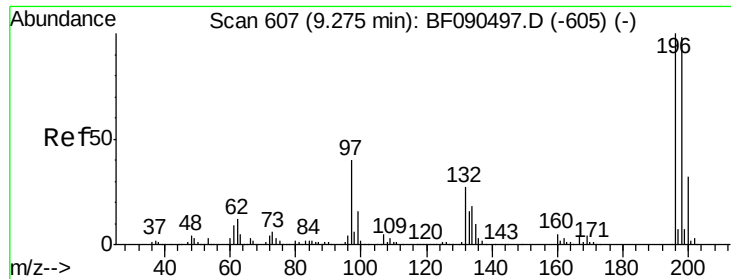
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#42
 2,4,6-Trichlorophenol
 Concen: 38.74 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090515.D
 Acq: 11 Oct 2016 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	365769		
198	94.1		78.9	118.3
200	30.3		25.4	38.2





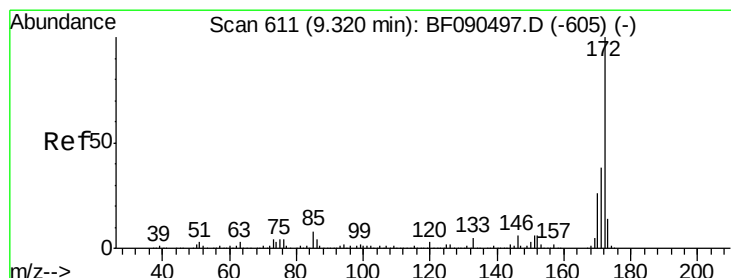
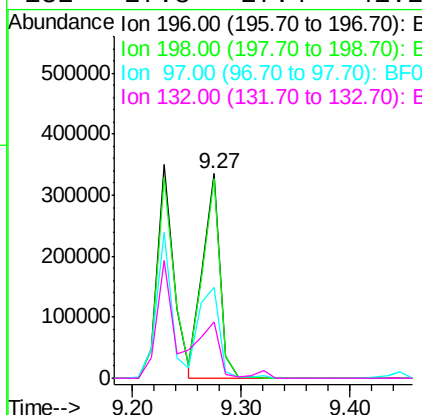
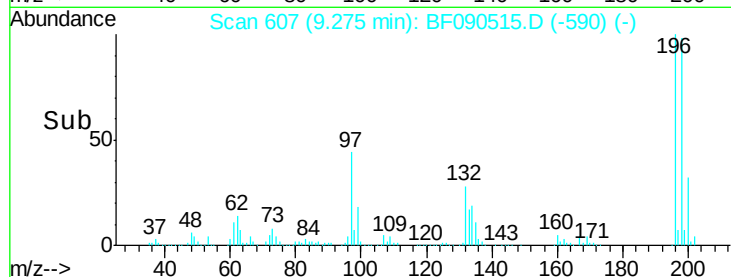
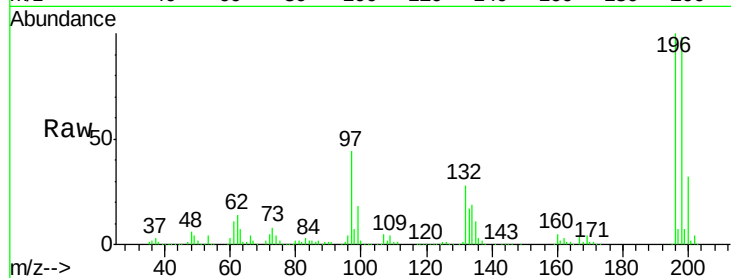
#43
 2,4,5-Trichlorophenol
 Concen: 40.23 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090515.D
 Acq: 11 Oct 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	375919		
198	97.8	78.1	117.1	
97	44.4	48.1	72.1	
132	27.8	27.4	41.2	

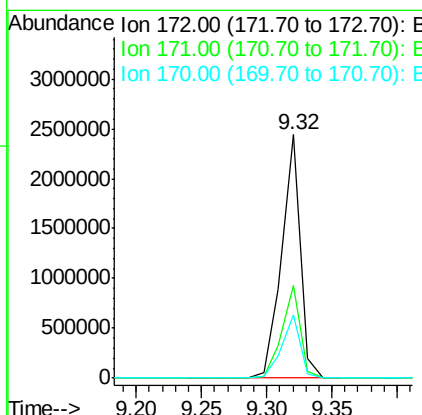
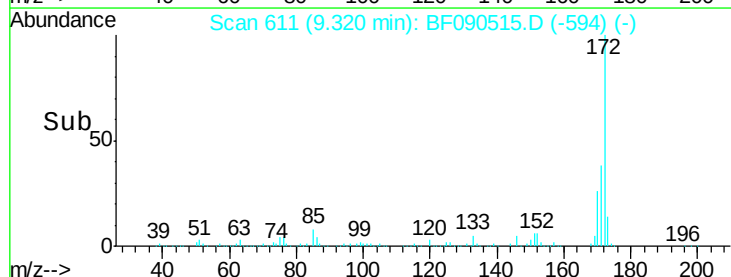
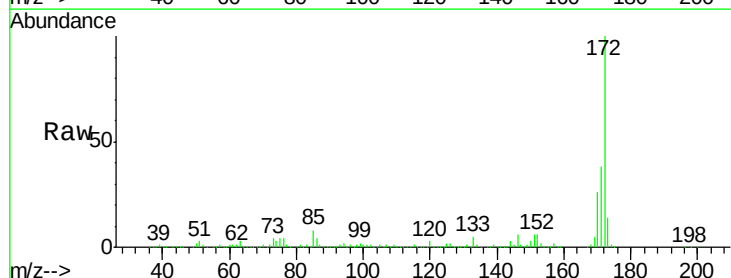
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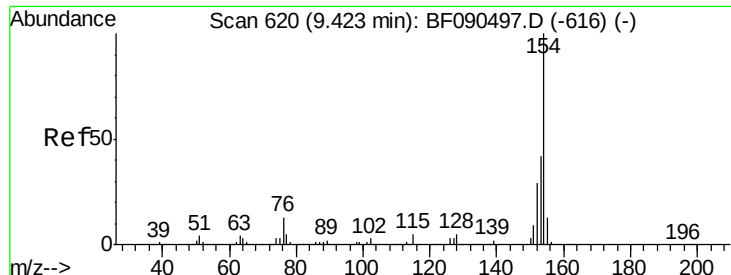
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#44
 2-Fluorobiphenyl
 Concen: 82.57 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090515.D
 Acq: 11 Oct 2016 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2457849		
171	38.1	31.8	47.8	
170	25.7	21.7	32.5	





#45

1,1'-Biphenyl

Concen: 42.10 ng

RT: 9.42 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Instrument :

BNA_F

ClientSampleId :

S8-0617MSD

Tot Ion:154 Resp: 1608307

Ion Ratio Lower Upper

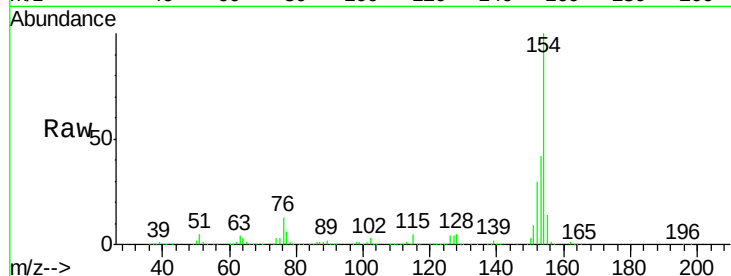
154 100

153 41.9 23.8 63.8

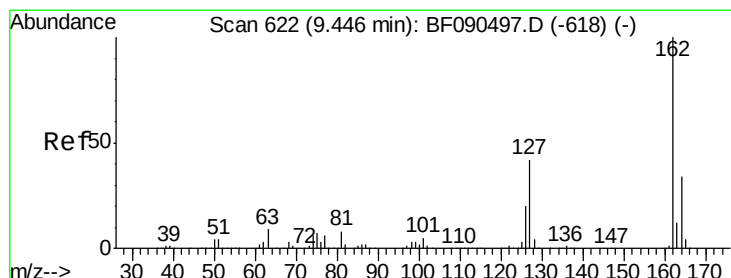
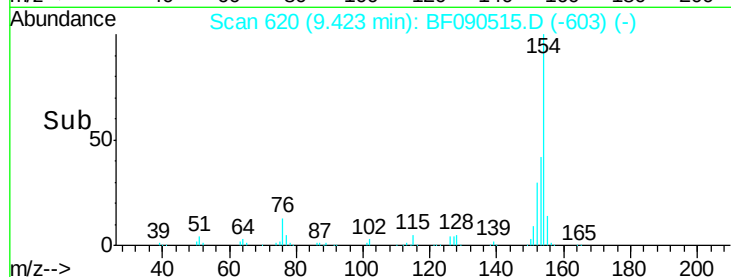
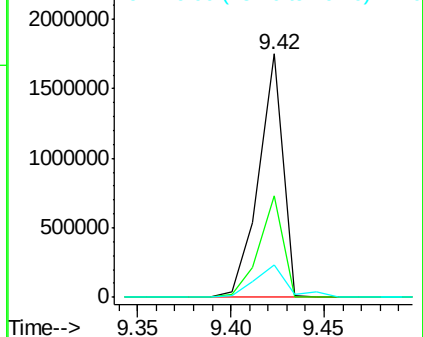
76 13.1 0.0 35.8

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



#46

2-Chloronaphthalene

Concen: 41.16 ng

RT: 9.45 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

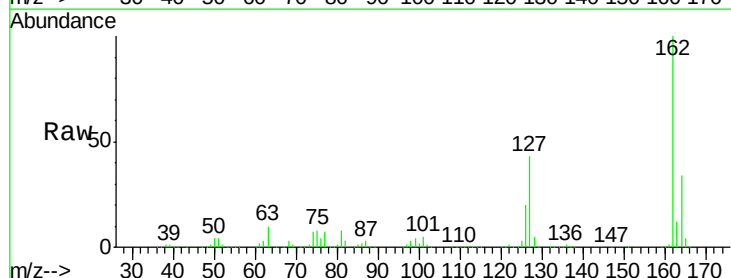
Tgt Ion:162 Resp: 1170122

Ion Ratio Lower Upper

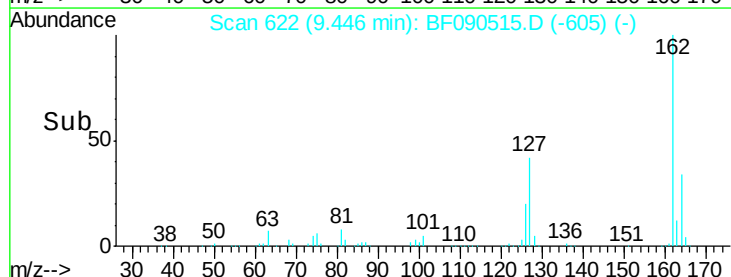
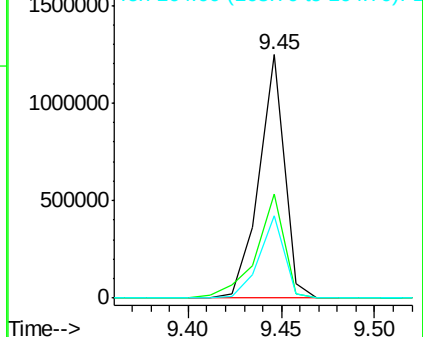
162 100

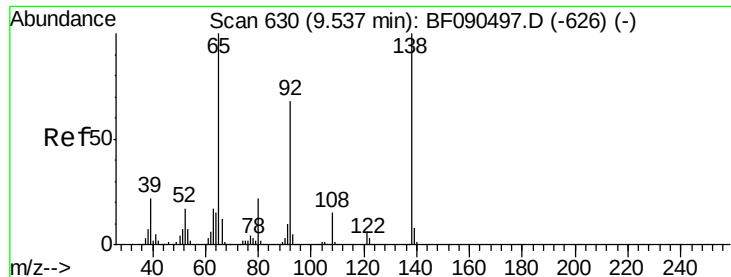
127 42.8 35.6 53.4

164 33.9 27.5 41.3



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





#47

2-Nitroaniline

Concen: 40.16 ng

RT: 9.54 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Instrument :

BNA_F

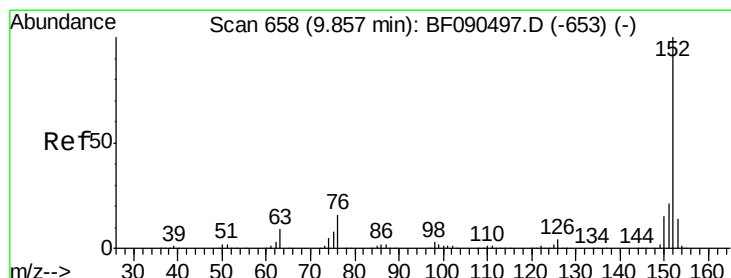
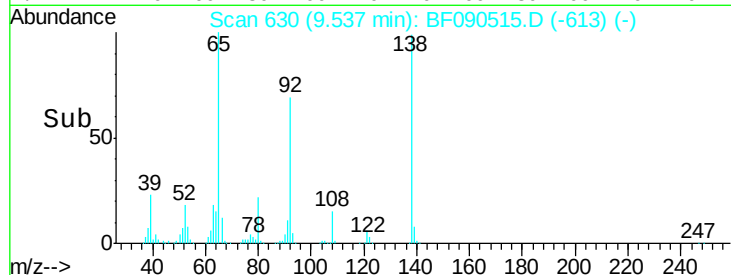
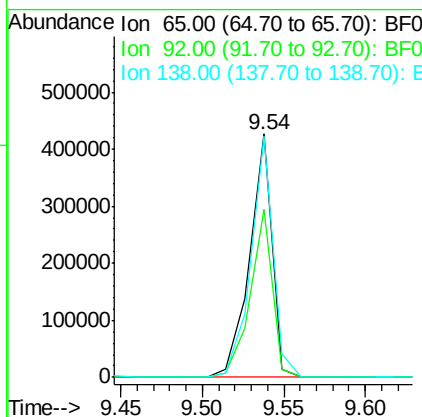
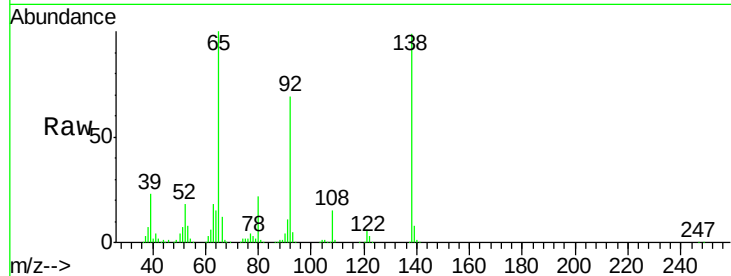
ClientSampled :

S8-0617MSD

Tot Ion:	65	Resp:	407207
Ion Ratio	Lower	Upper	
65	100		
92	69.1	51.7	77.5
138	99.2	79.0	118.4

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#48

Acenaphthylene

Concen: 39.96 ng

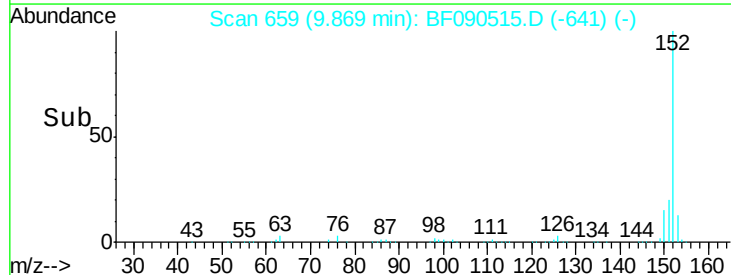
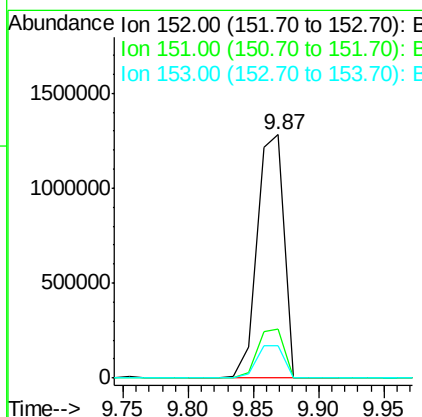
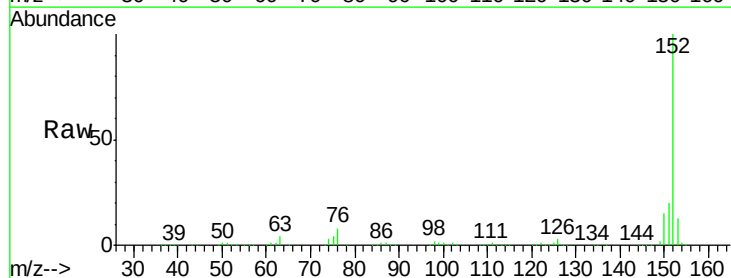
RT: 9.87 min Scan# 659

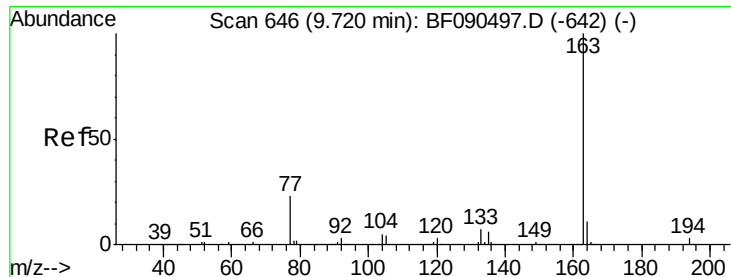
Delta R.T. 0.01 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Tgt Ion:	152	Resp:	1832855
Ion Ratio	Lower	Upper	
152	100		
151	20.4	17.4	26.0
153	13.2	11.6	17.4





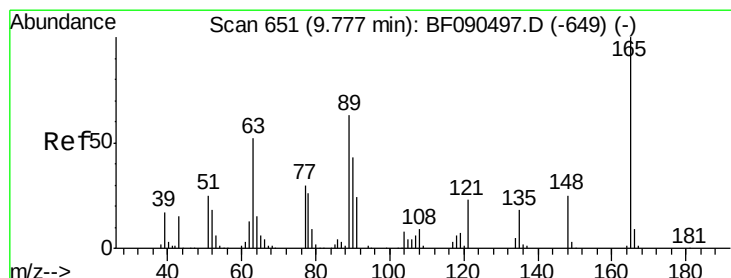
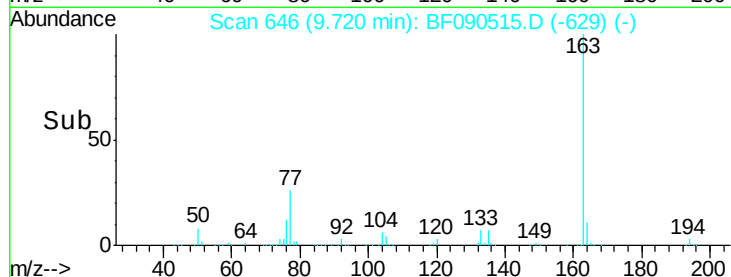
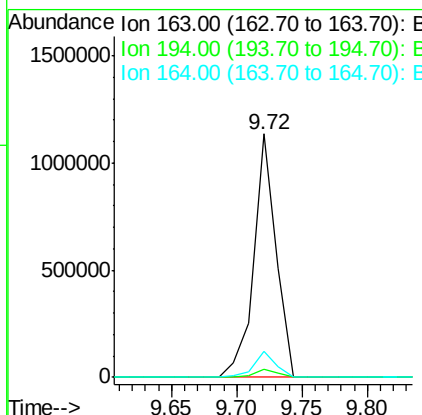
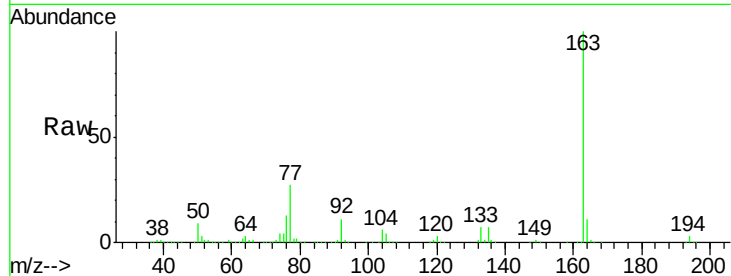
#49
Dimethylphthalate
Concen: 40.15 ng
RT: 9.72 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.8	9.0	13.4

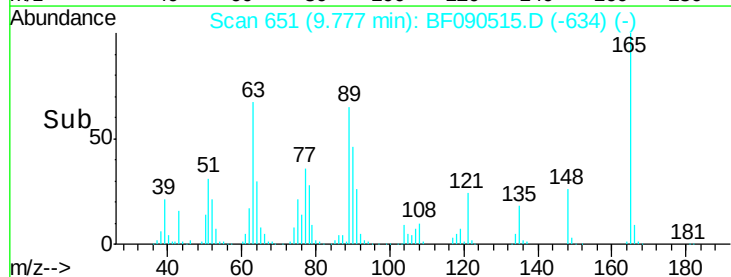
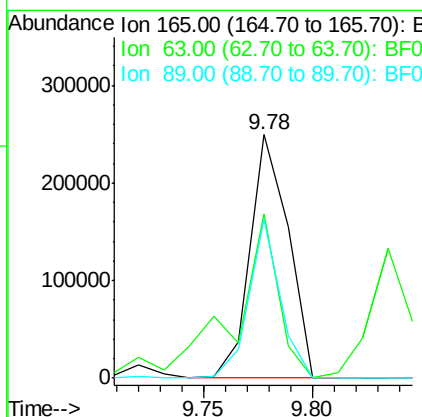
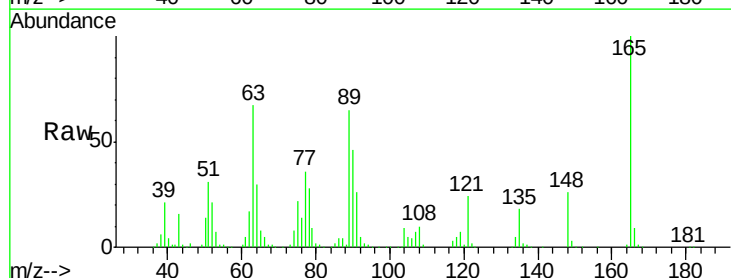
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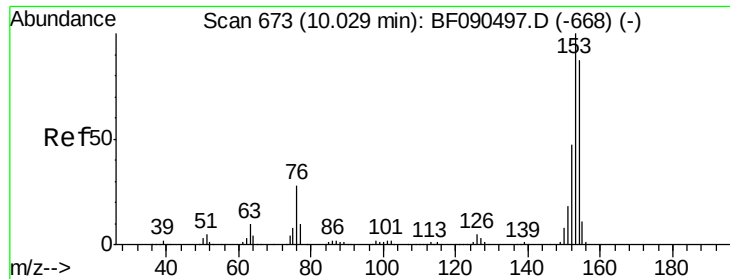
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#50
2,6-Dinitrotoluene
Concen: 40.99 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.4	58.0	87.0
89	65.3	51.2	76.8





#51

Acenaphthene

Concen: 43.06 ng

RT: 10.04 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Instrument :

BNA_F

ClientSampleId :

S8-0617MSD

Tot Ion:154 Resp: 1323622

Ion Ratio Lower Upper

154 100

153 110.9 88.6 133.0

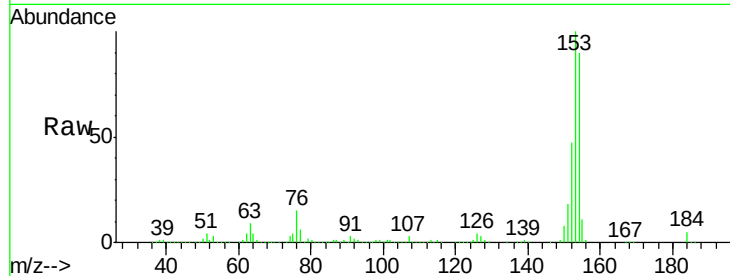
152 52.5 42.6 64.0

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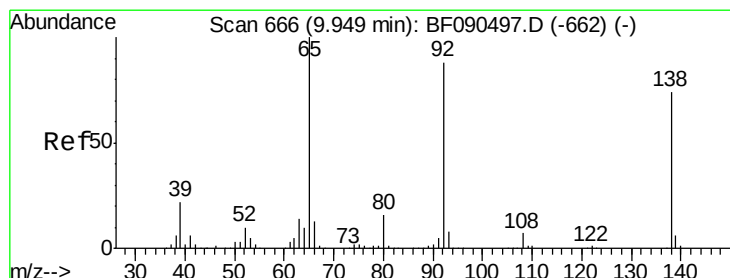
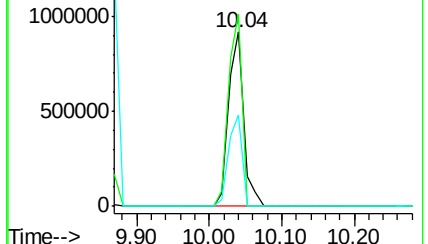
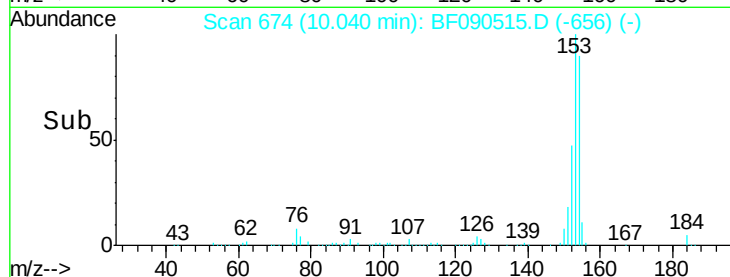
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.69 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

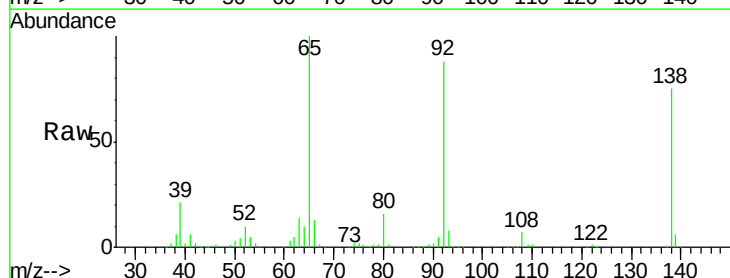
Tgt Ion:138 Resp: 246023

Ion Ratio Lower Upper

138 100

108 10.0 9.7 14.5

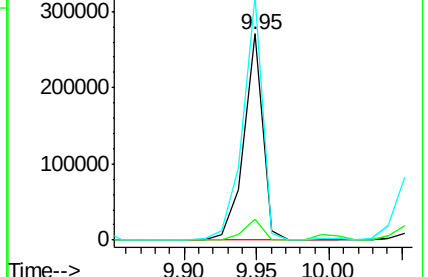
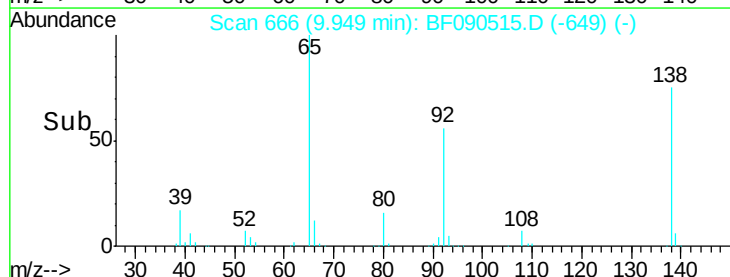
92 118.1 97.1 145.7

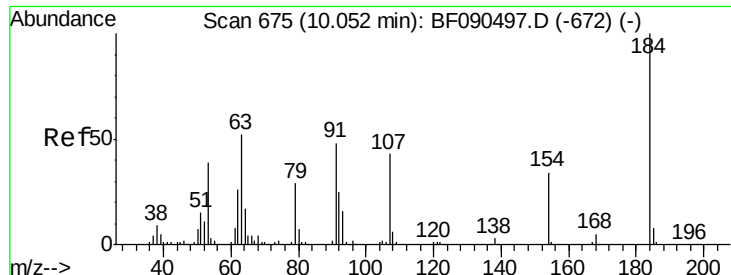


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





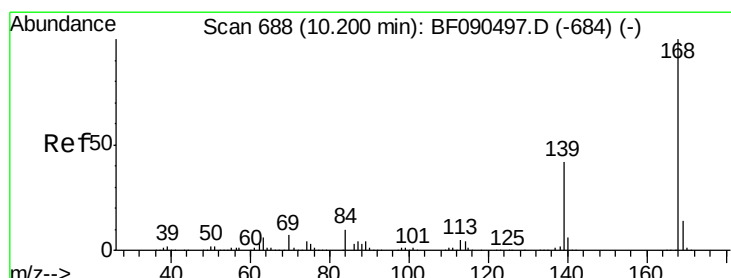
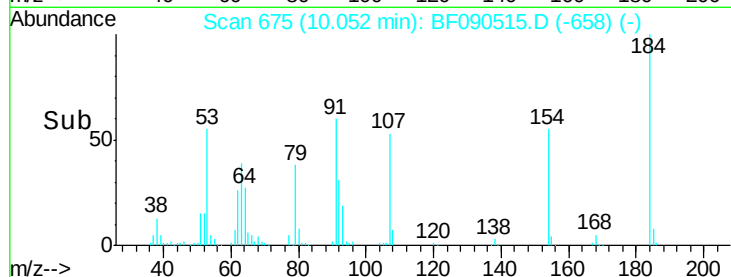
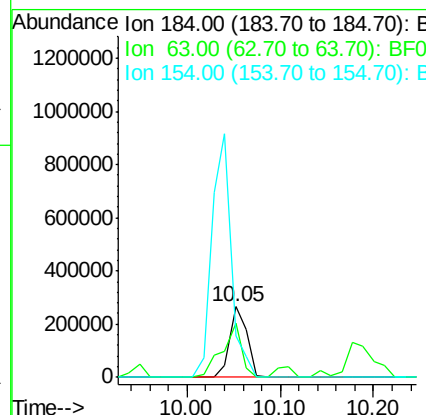
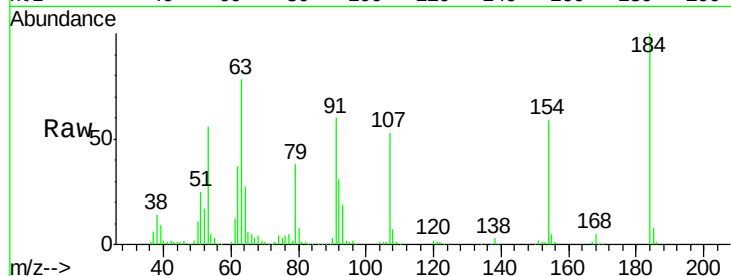
#53
2,4-Dinitrophenol
Concen: 84.04 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	346432		
63	78.0	41.9	62.9#	
154	58.8	48.9	73.3	

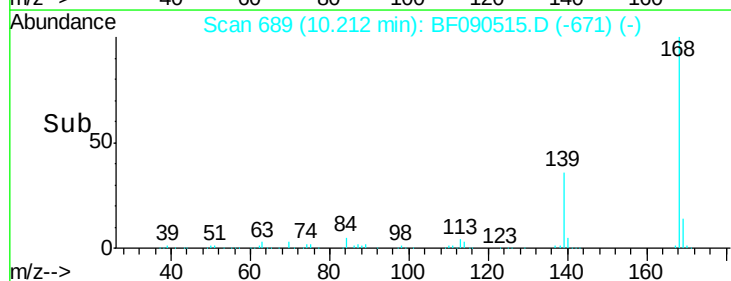
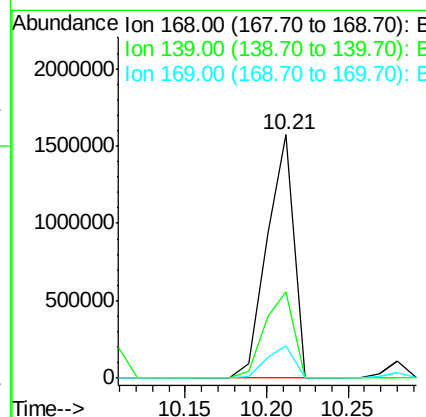
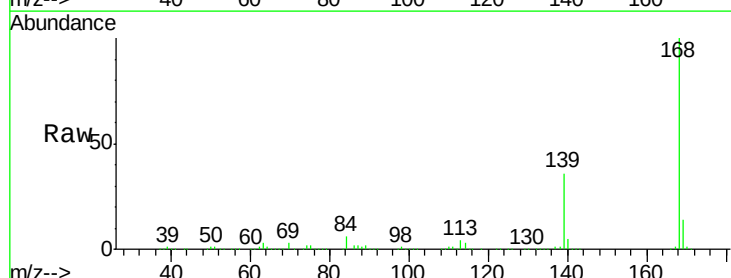
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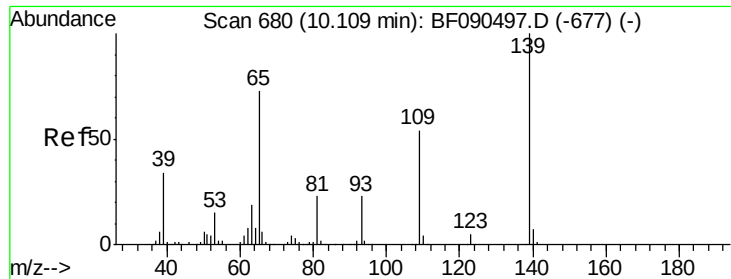
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#54
Dibenzofuran
Concen: 43.73 ng
RT: 10.21 min Scan# 689
Delta R.T. 0.01 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1788591		
139	35.6	29.6	44.4	
169	13.5	11.3	16.9	





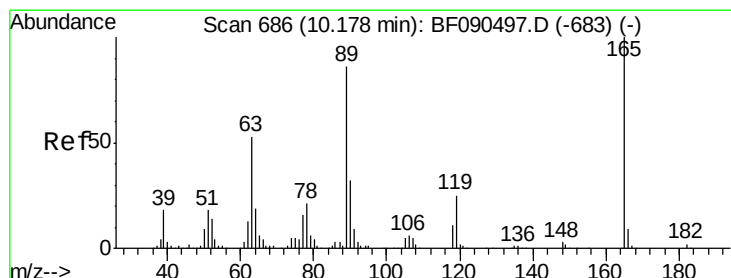
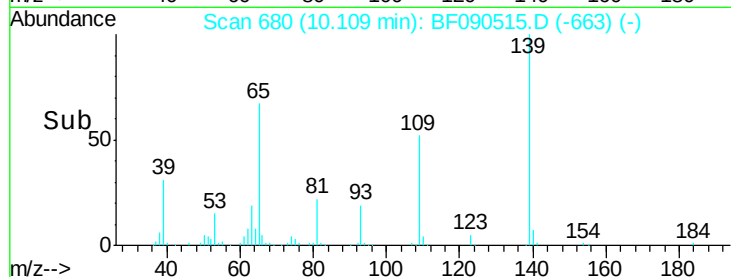
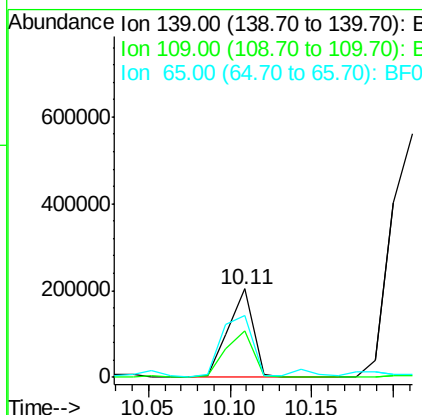
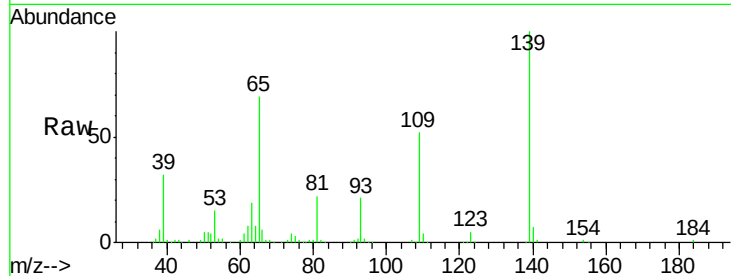
#55
4-Nitrophenol
Concen: 30.46 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	52.1	43.6	83.6	
65	69.3	87.5	127.5	

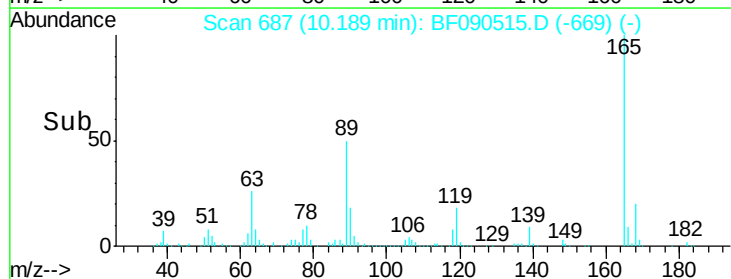
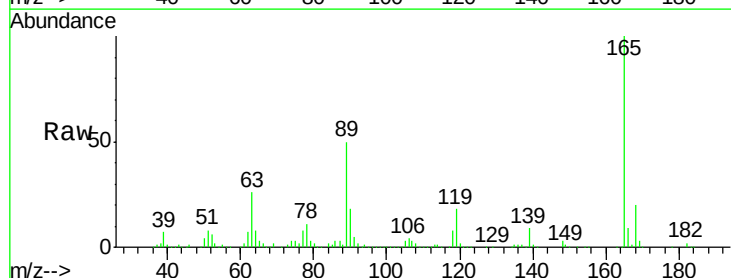
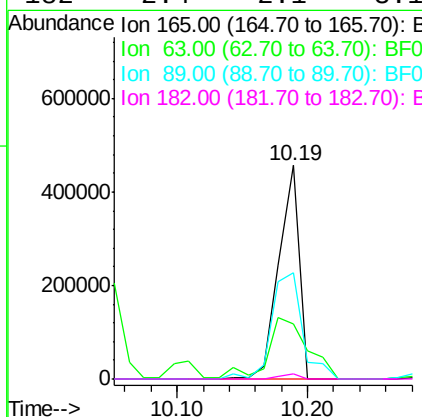
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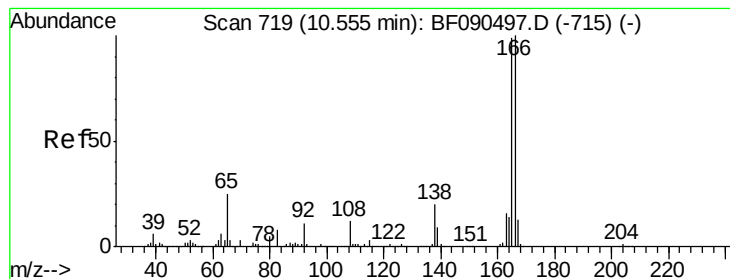
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#56
2,4-Dinitrotoluene
Concen: 51.18 ng
RT: 10.19 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	25.6	17.8	26.6	
89	50.0	33.2	49.8	
182	2.4	2.1	3.1	





#57

Fluorene

Concen: 42.80 ng

RT: 10.55 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Instrument :

BNA_F

ClientSampleId :

S8-0617MSD

Tot Ion:166 Resp: 1429246

Ion Ratio Lower Upper

166 100

165 98.9 79.2 118.8

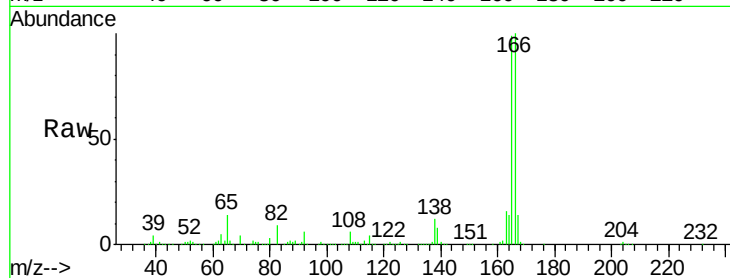
167 13.5 11.1 16.7

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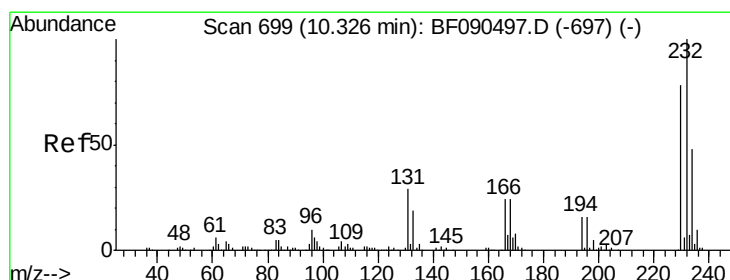
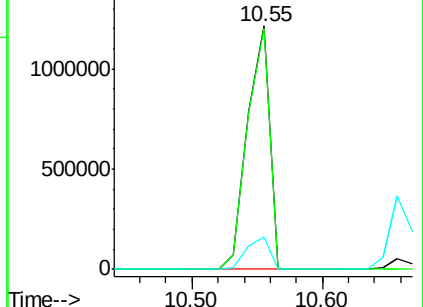
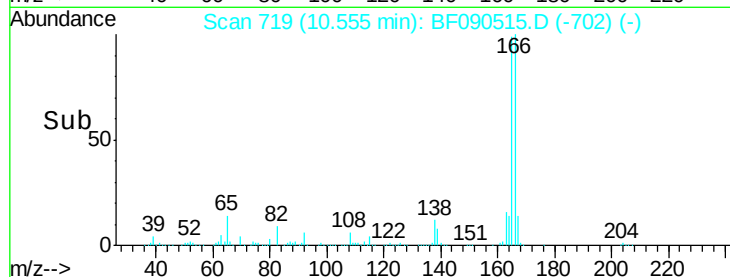
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 47.13 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Tgt Ion:232 Resp: 367365

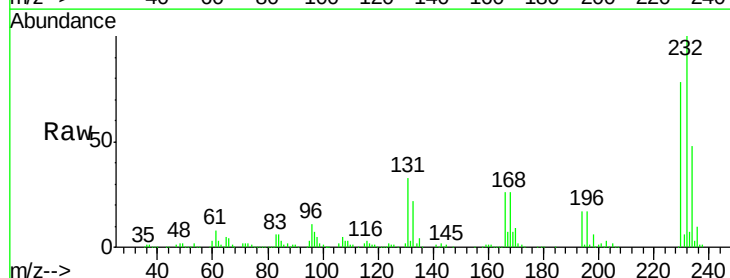
Ion Ratio Lower Upper

232 100

131 44.0 34.5 51.7

130 2.0 1.6 2.4

166 31.0 23.8 35.8

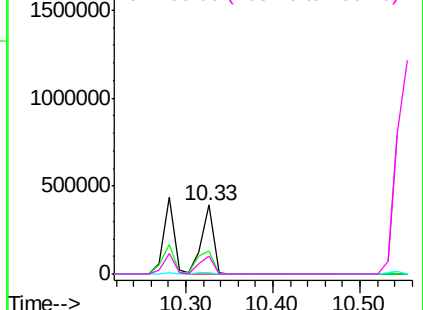
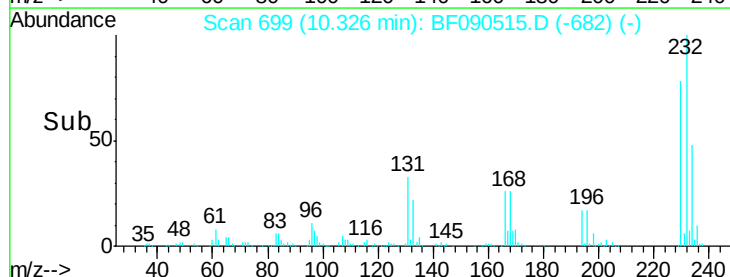


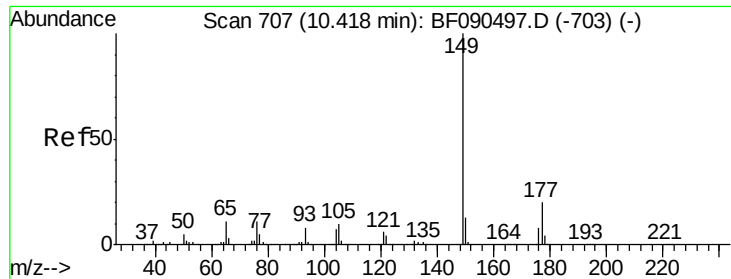
Abundance Ion 232.00 (231.70 to 232.70): E

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





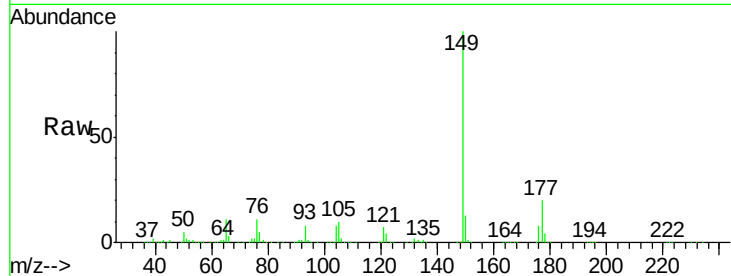
#59
Diethylphthalate
Concen: 43.56 ng
RT: 10.42 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

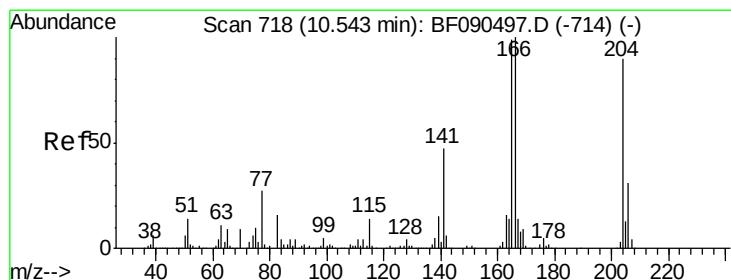
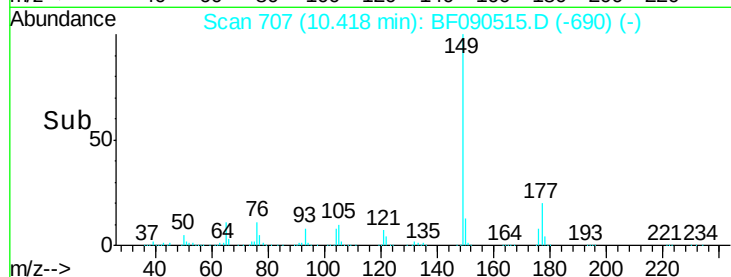
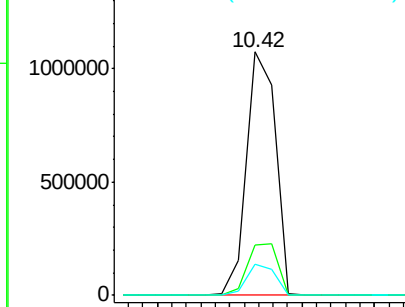
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.5	21.1	31.7#
150	13.0	10.2	15.2

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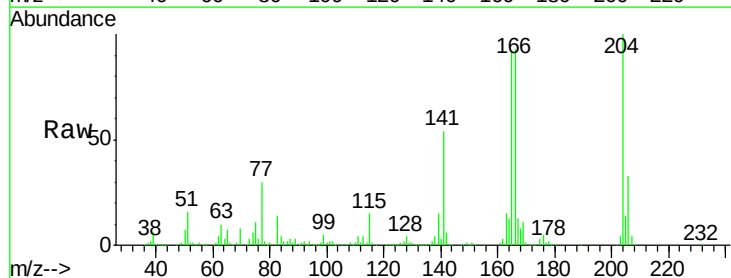


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

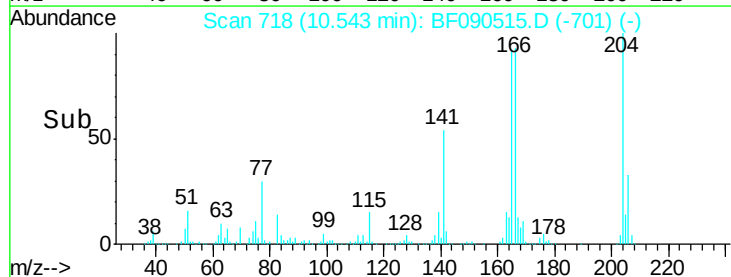
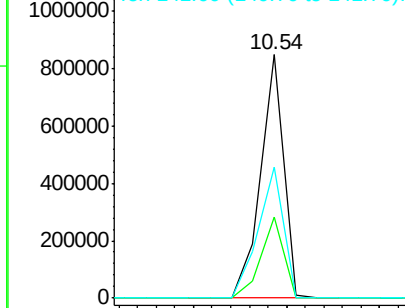


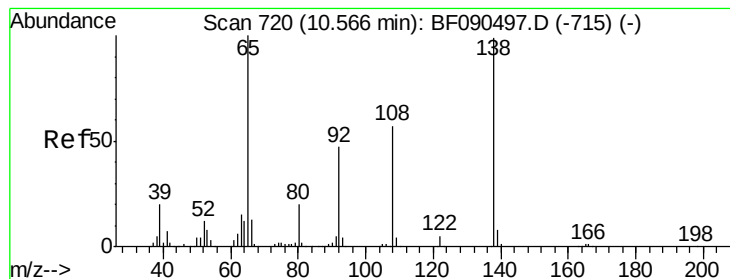
#60
4-Chlorophenyl-phenylether
Concen: 46.76 ng
RT: 10.54 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.7	40.1
141	53.7	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: 36.16 ng

RT: 10.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Instrument :

BNA_F

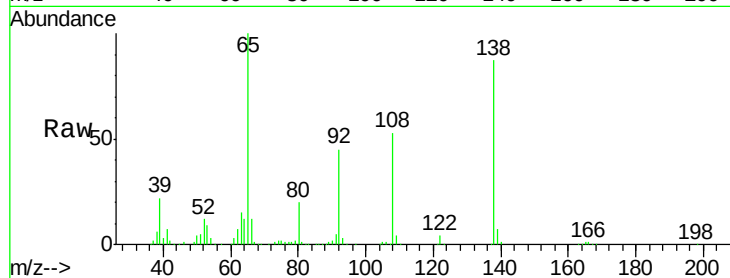
ClientSampled :

S8-0617MSD

Tot Ion:	138	Resp:	340046
Ion Ratio	Lower	Upper	
138	100		
92	52.0	33.2	73.2
108	60.9	48.5	88.5

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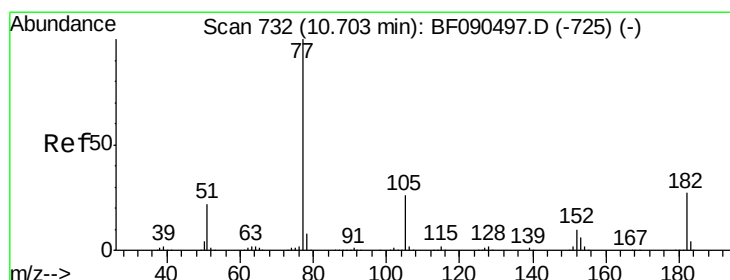
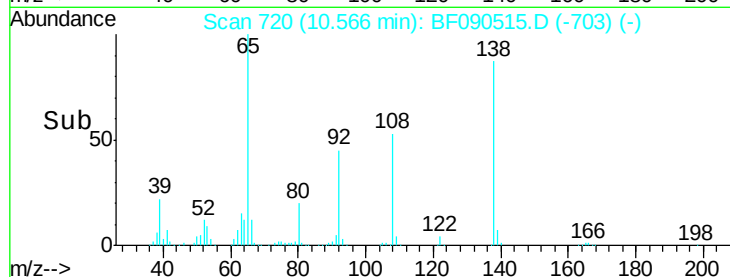
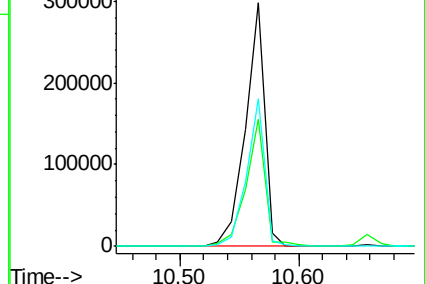
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.44 ng

RT: 10.70 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

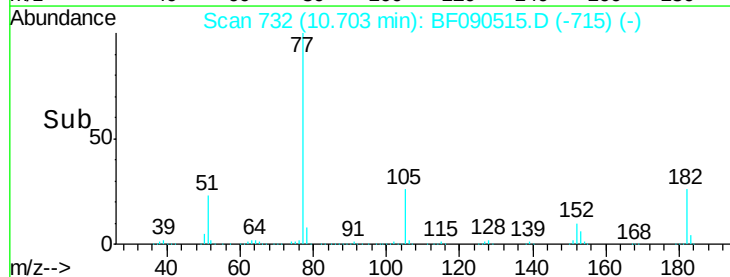
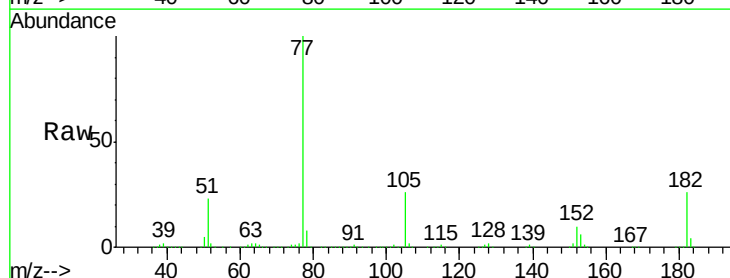
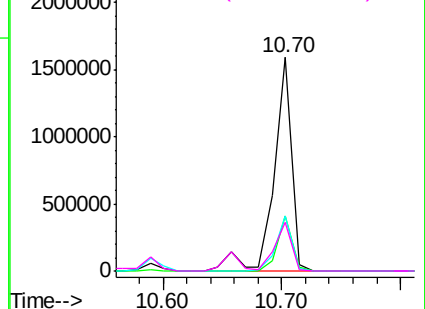
Tgt Ion:	77	Resp:	1660468
Ion Ratio	Lower	Upper	
77	100		
182	26.0	3.2	43.2
105	25.6	2.9	42.9
51	22.9	14.2	54.2

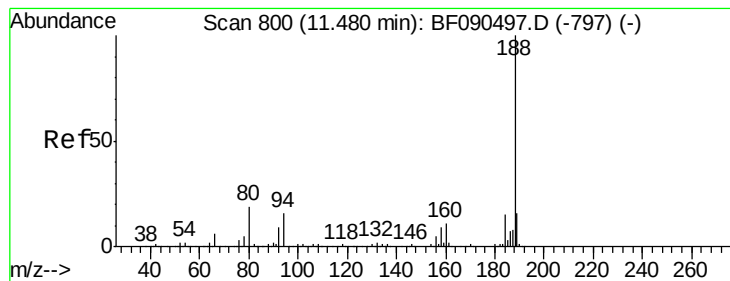
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF090515.D

Acq: 11 Oct 2016 21:19

Instrument :

BNA_F

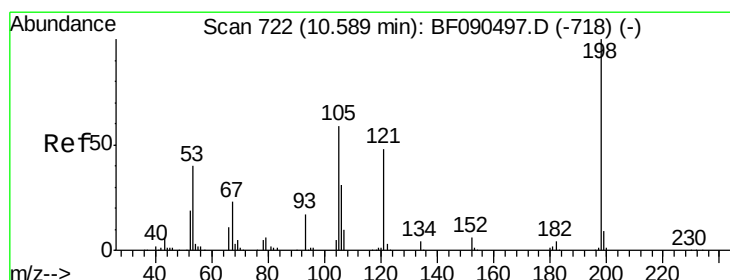
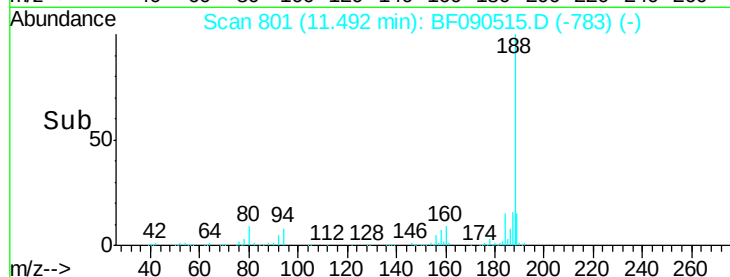
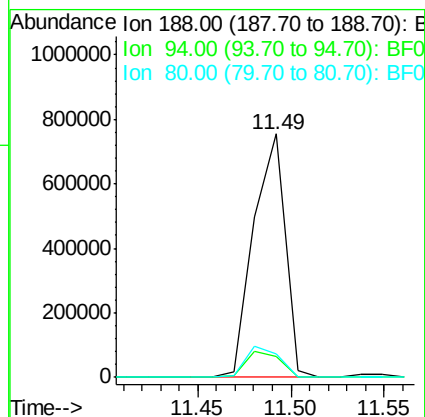
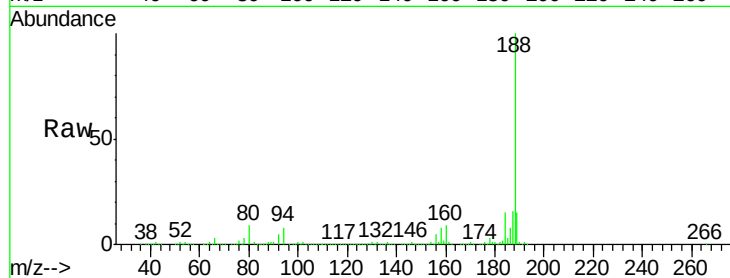
ClientSampleId :

S8-0617MSD

Tot Ion:	188	Resp:	888180
Ion Ratio	Lower	Upper	
188	100		
94	8.5	8.2	12.2
80	9.4	8.8	13.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.85 ng

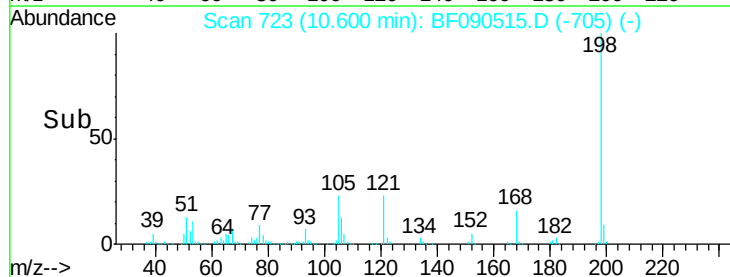
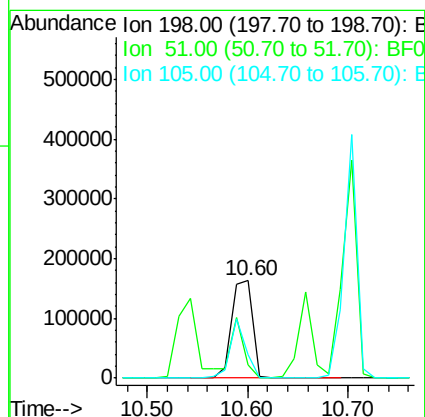
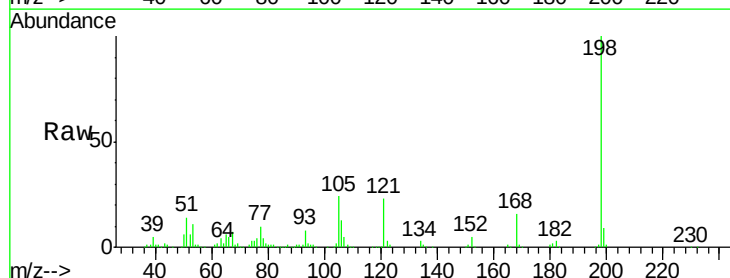
RT: 10.60 min Scan# 723

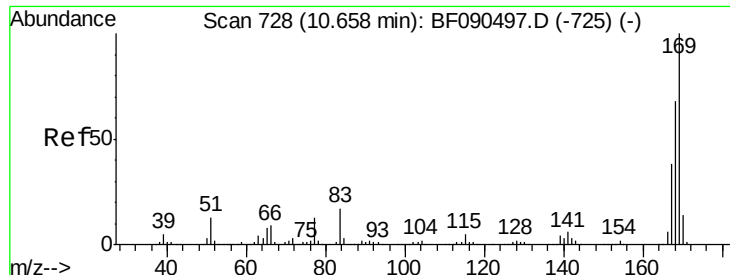
Delta R.T. 0.01 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Tgt Ion:	198	Resp:	236377
Ion Ratio	Lower	Upper	
198	100		
51	13.7	67.3	107.3#
105	24.2	42.6	82.6#





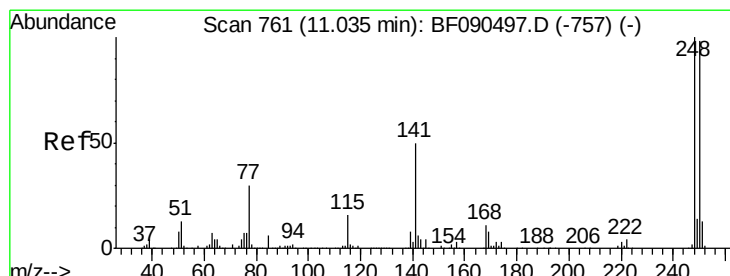
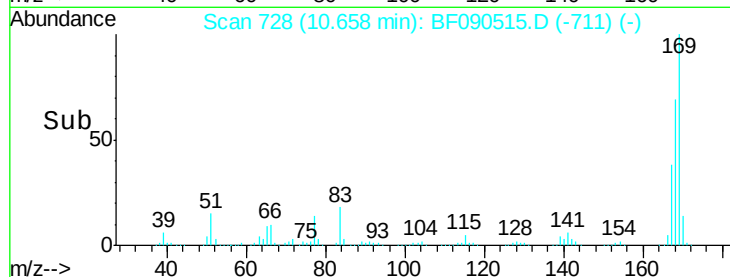
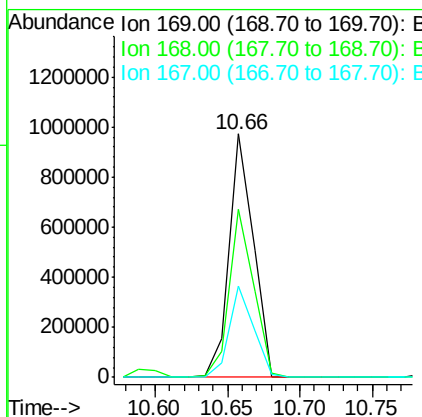
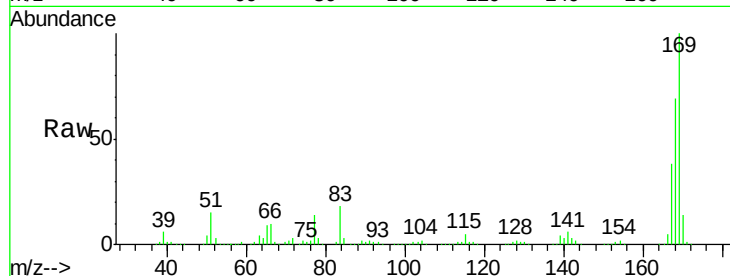
#65
n-Nitrosodiphenylamine
Concen: 39.21 ng
RT: 10.66 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	68.8	53.8	80.6	
167	37.5	29.8	44.8	

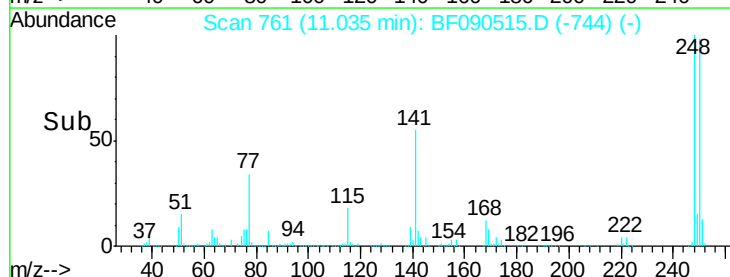
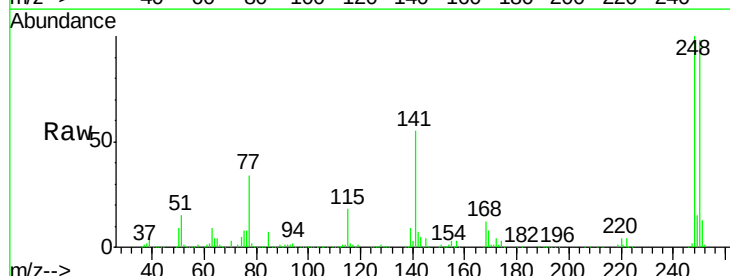
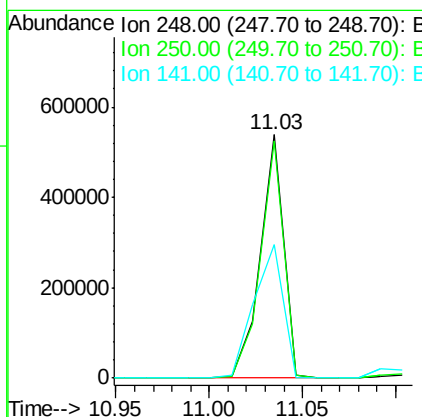
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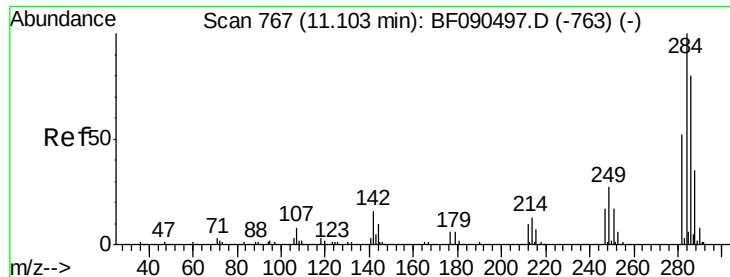
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#66
4-Bromophenyl-phenylether
Concen: 47.02 ng
RT: 11.03 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	97.6	76.5	114.7	
141	54.7	59.8	89.6	





#67

Hexachlorobenzene

Concen: 45.31 ng

RT: 11.10 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Instrument :

BNA_F

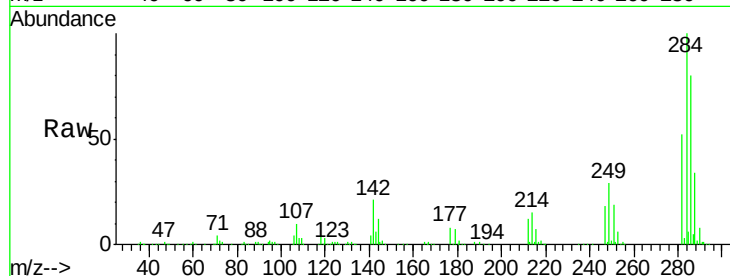
ClientSampleId :

S8-0617MSD

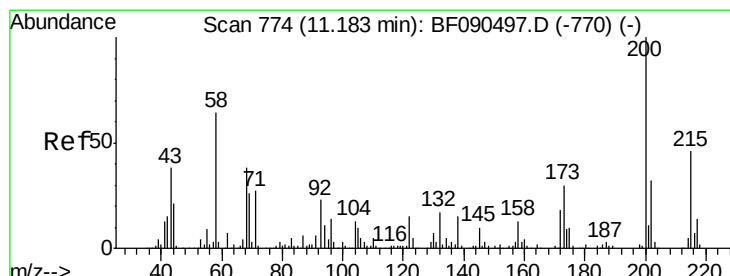
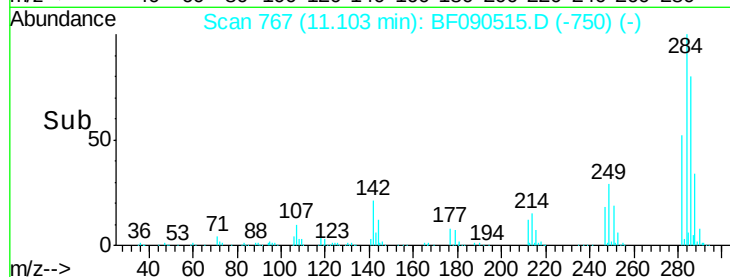
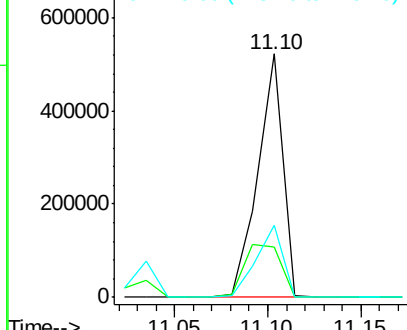
Tot Ion	Ratio	Resp	Lower	Upper
284	100	492569		
142	20.7	23.1	34.7#	
249	29.4	26.3	39.5	

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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: 43.65 ng

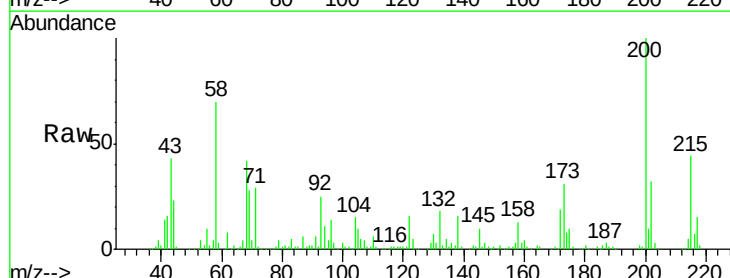
RT: 11.18 min Scan# 774

Delta R.T. 0.00 min

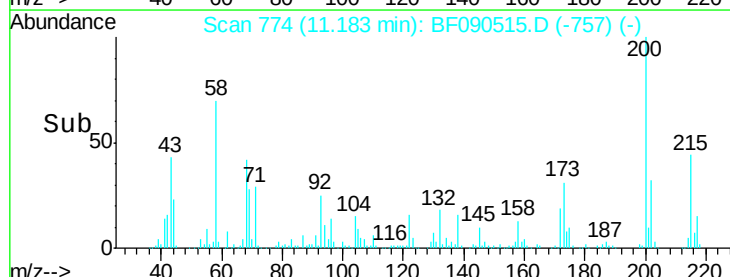
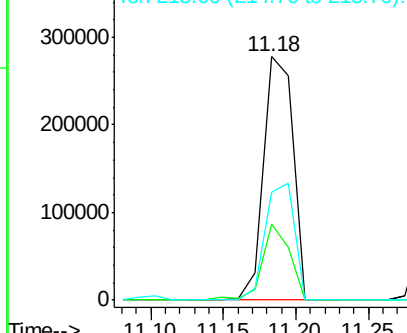
Lab File: BF090515.D

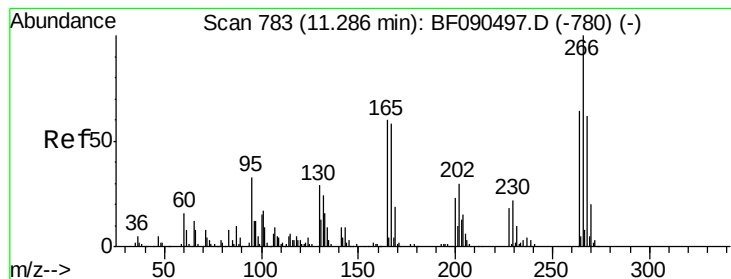
Acq: 11 Oct 2016 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	390184		
173	31.0	9.0	49.0	
215	44.3	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: 91.37 ng

RT: 11.30 min Scan# 784

Delta R.T. 0.01 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Instrument :

BNA_F

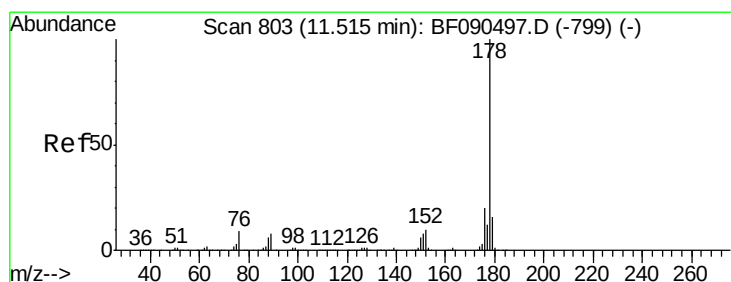
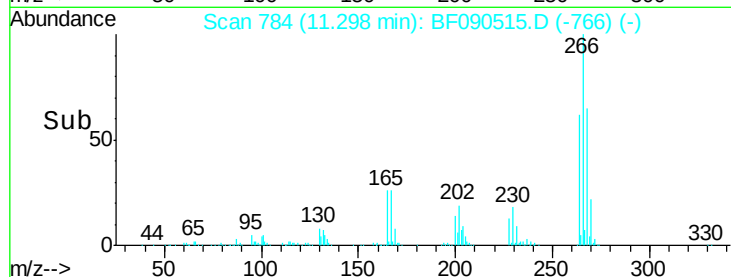
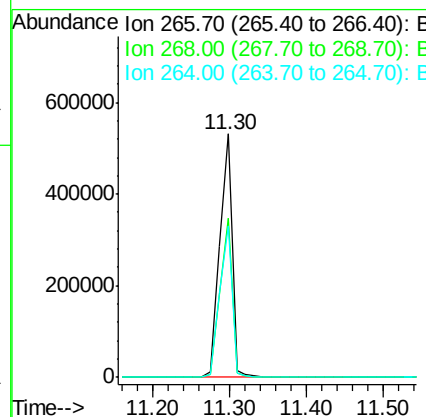
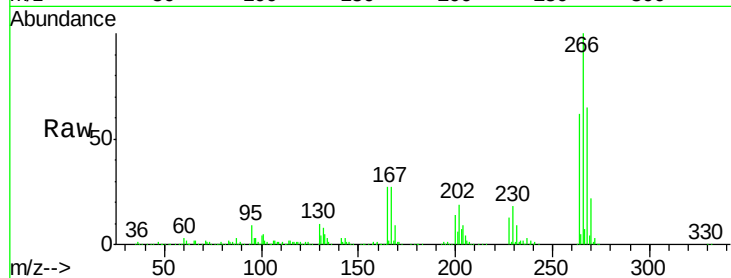
ClientSampleId :

S8-0617MSD

Tot Ion:	266	Resp:	591084
Ion Ratio		Lower	Upper
266	100		
268	65.2	50.9	76.3
264	62.4	51.5	77.3

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#70

Phenanthrene

Concen: 41.65 ng

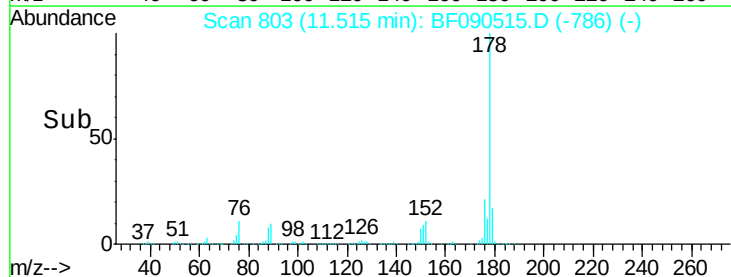
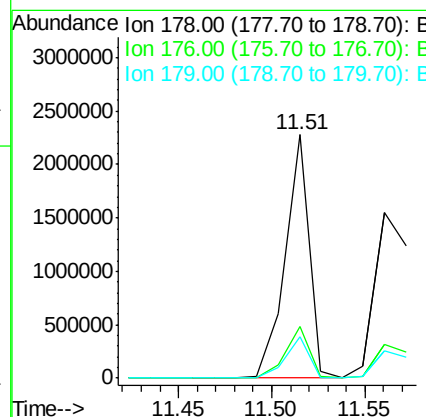
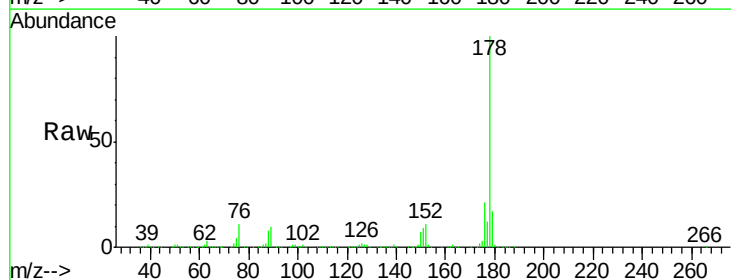
RT: 11.51 min Scan# 803

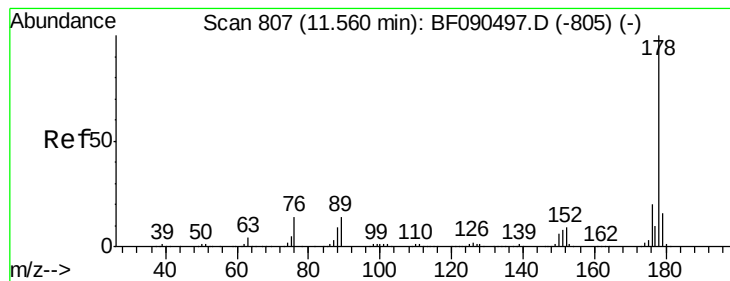
Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Tgt Ion:	178	Resp:	2038586
Ion Ratio		Lower	Upper
178	100		
176	21.4	17.3	25.9
179	16.8	13.8	20.6





#71
 Anthracene
 Concen: 40.26 ng
 RT: 11.56 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF090515.D
 Acq: 11 Oct 2016 21:19

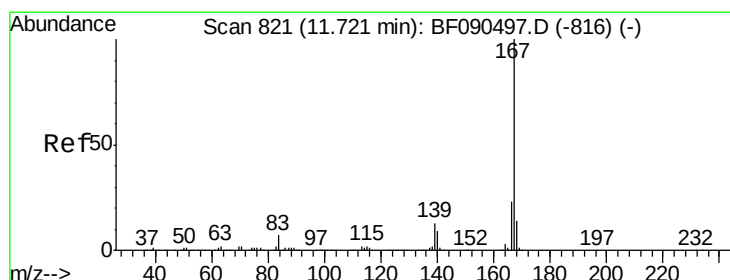
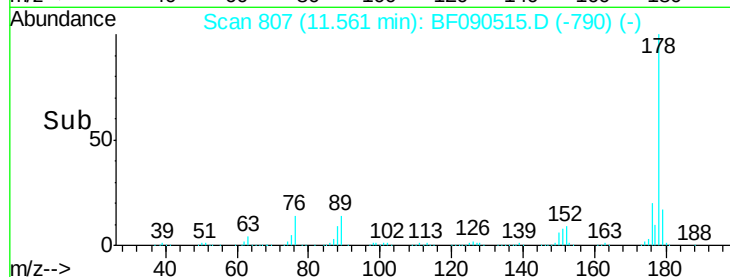
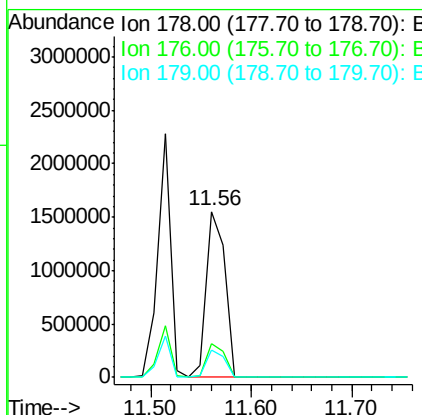
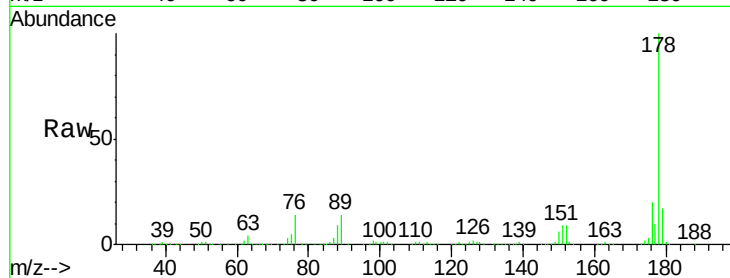
Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MSD

Tot Ion:178 Resp: 1996683

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.8	25.2
179	16.7	13.4	20.2

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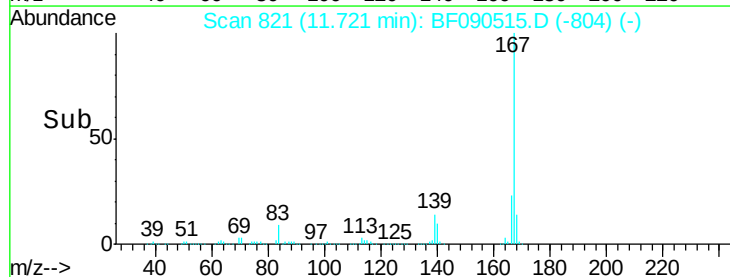
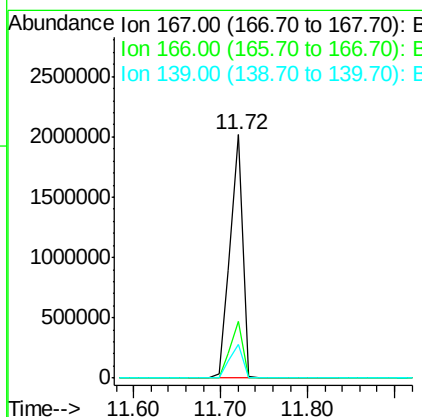
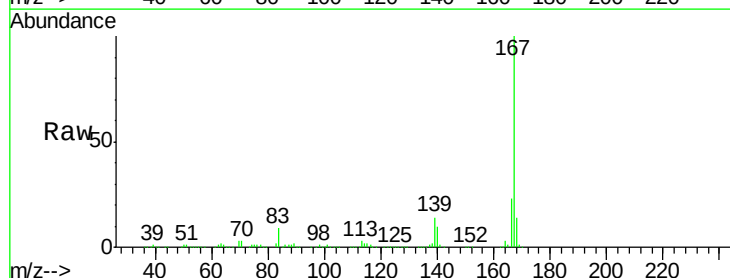
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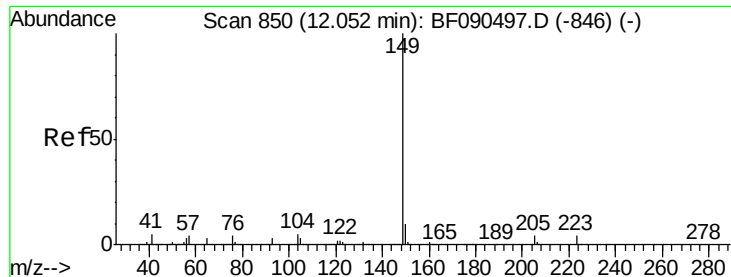


#72
 Carbazole
 Concen: 43.63 ng
 RT: 11.72 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF090515.D
 Acq: 11 Oct 2016 21:19

Tgt Ion:167 Resp: 2043343

Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.1	28.7
139	13.8	12.1	18.1





#73

Di-n-butylphthalate

Concen: 44.86 ng

RT: 12.05 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Instrument :

BNA_F

ClientSampleId :

S8-0617MSD

Tot Ion:149 Resp: 2530326

Ion Ratio Lower Upper

149 100

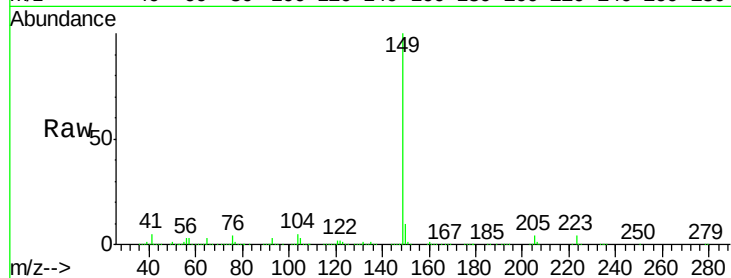
150 10.2 8.6 12.8

104 4.6 4.7 7.1#

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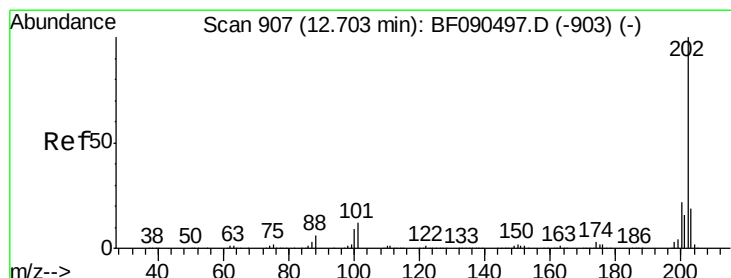
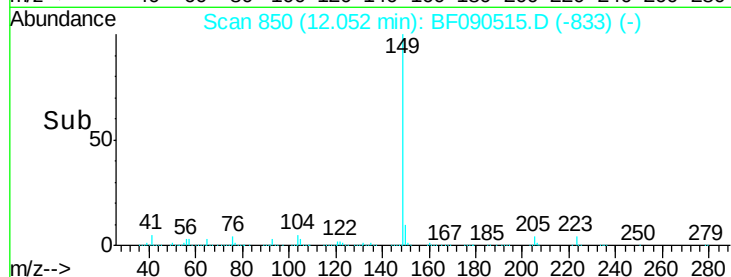
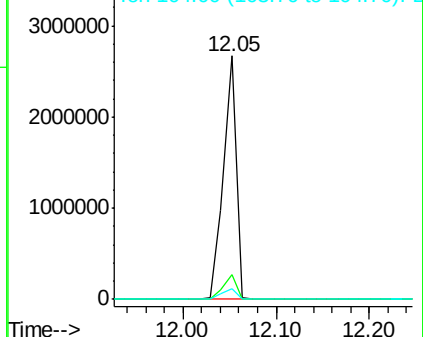
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.08 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

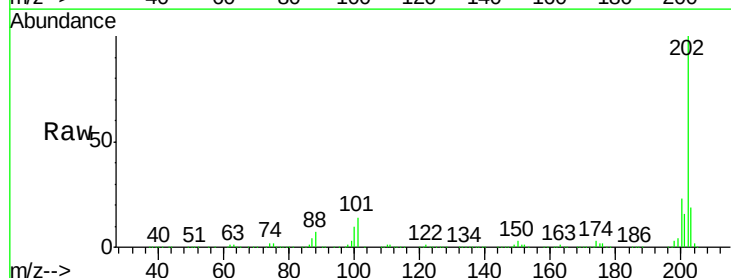
Tgt Ion:202 Resp: 2152461

Ion Ratio Lower Upper

202 100

101 13.8 0.0 37.2

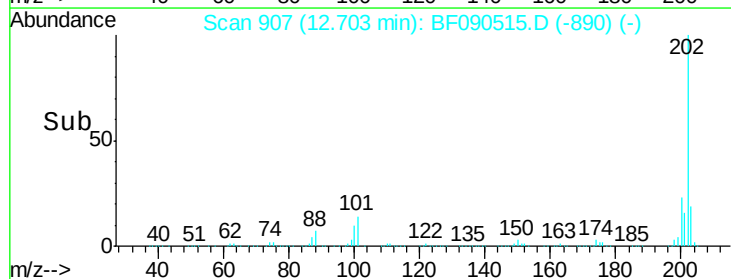
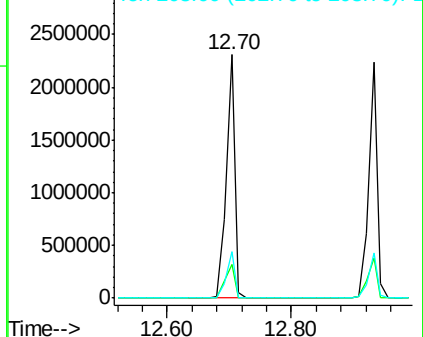
203 18.9 0.0 39.3

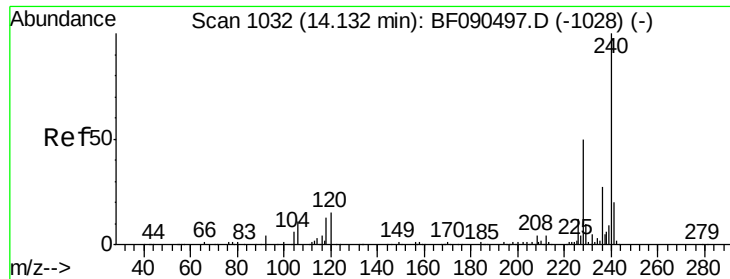


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Instrument :

BNA_F

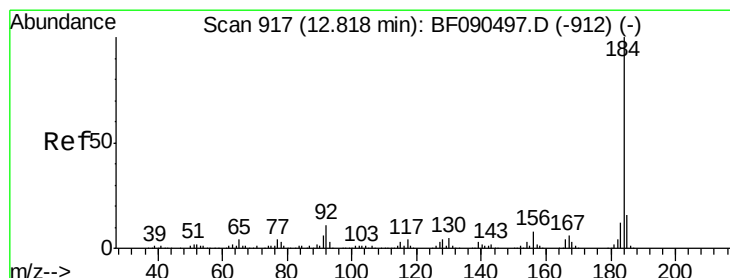
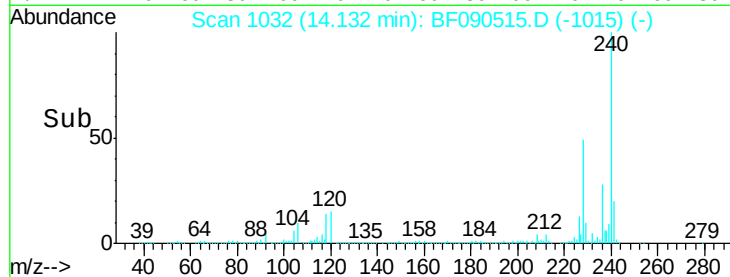
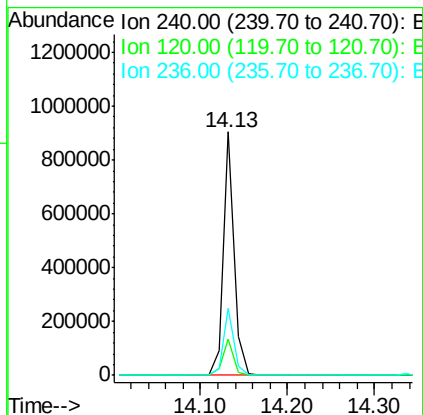
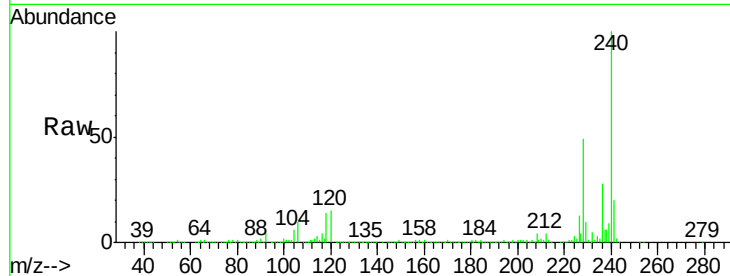
ClientSampleId :

S8-0617MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.6	8.6	13.0
236	27.6	21.6	32.4

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#76

Benzidine

Concen: 27.17 ng

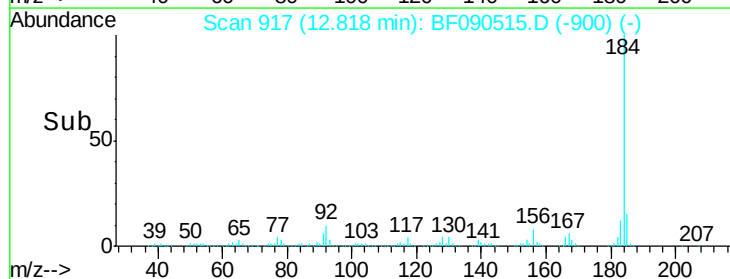
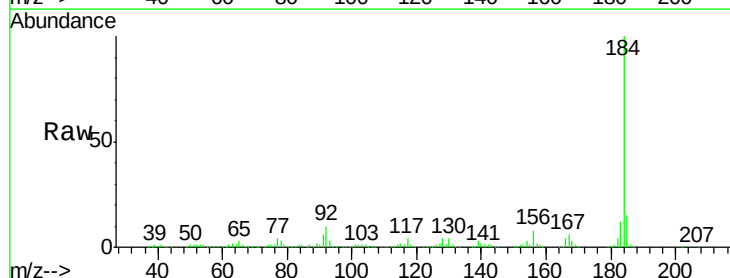
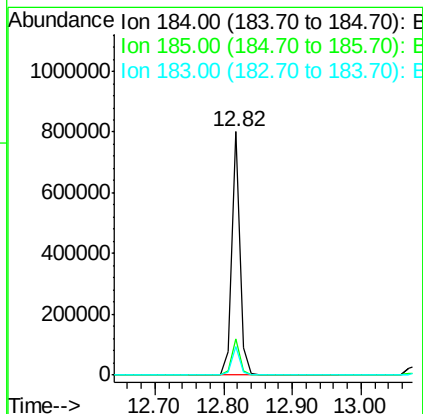
RT: 12.82 min Scan# 917

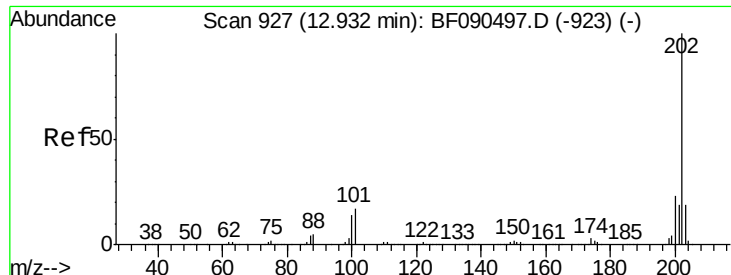
Delta R.T. 0.00 min

Lab File: BF090515.D

Acq: 11 Oct 2016 21:19

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.8	17.8
183	11.9	9.6	14.4





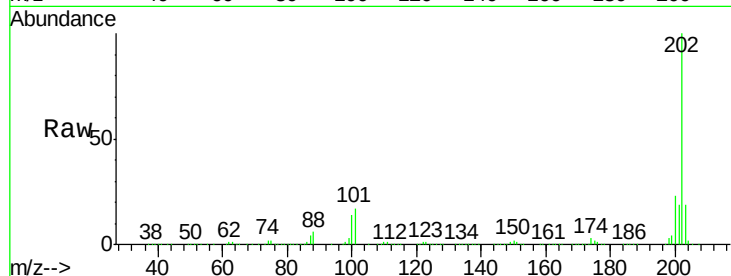
#77
Pvrene
Concen: 41.67 ng
RT: 12.93 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

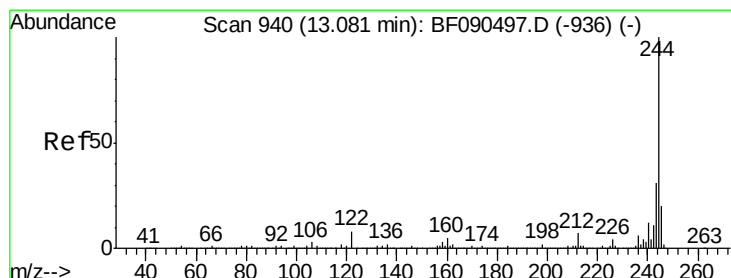
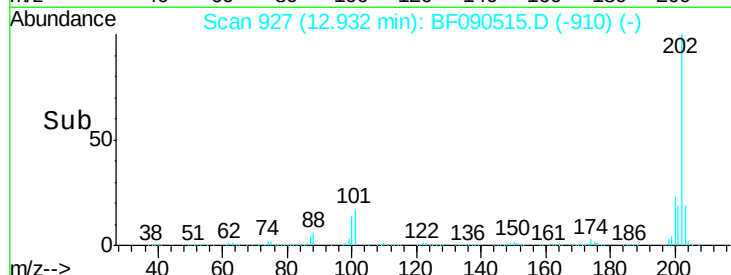
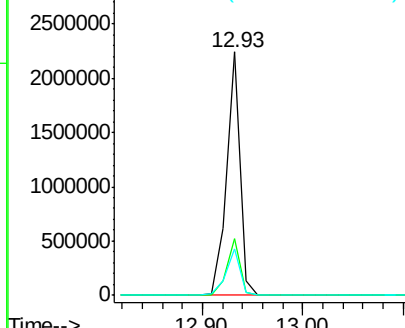
Tot Ion	Ratio	Lower	Upper
202	100		
200	23.3	18.5	27.7
203	18.9	15.0	22.6

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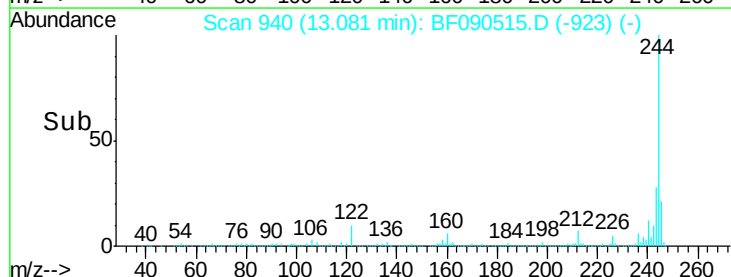
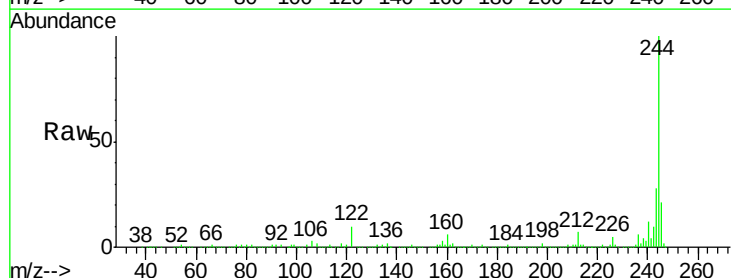
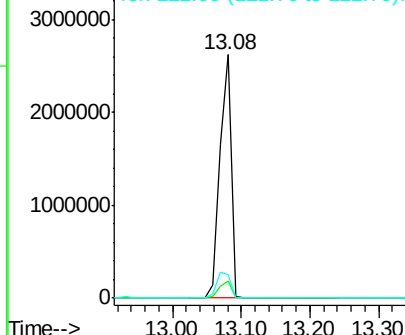
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

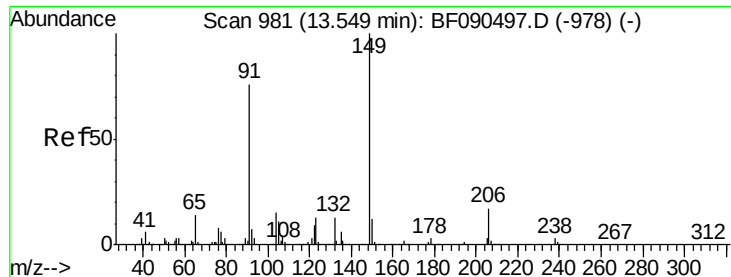


#78
Terphenyl-d14
Concen: 93.91 ng
RT: 13.08 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.8	10.2
122	9.7	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





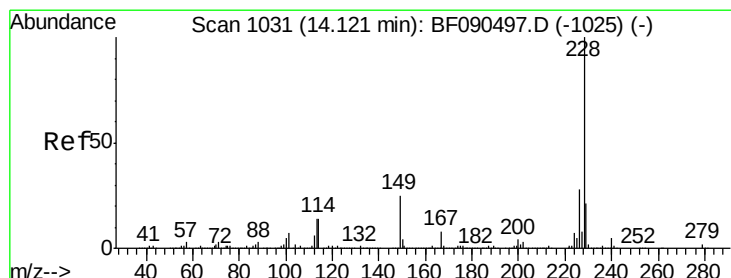
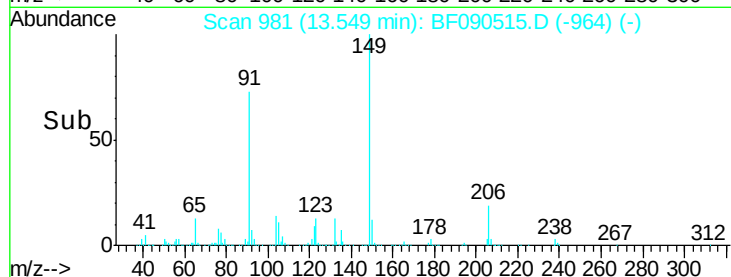
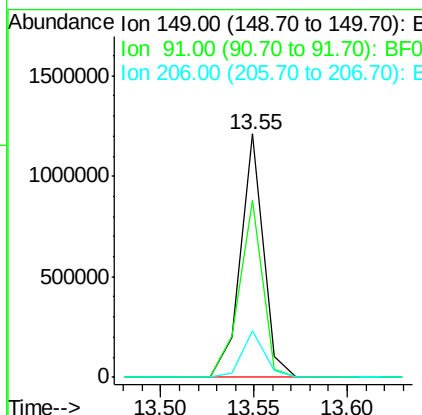
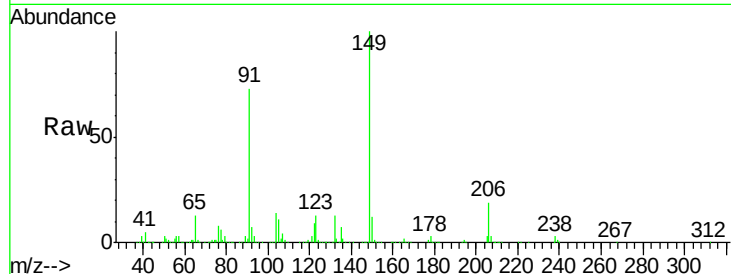
#79
Butylbenzylphthalate
Concen: 44.80 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
91	72.7	51.8	77.8	
206	18.9	18.0	27.0	

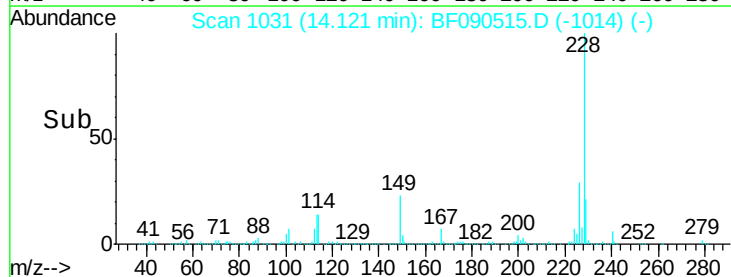
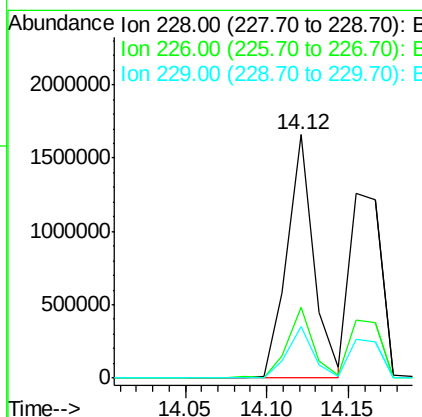
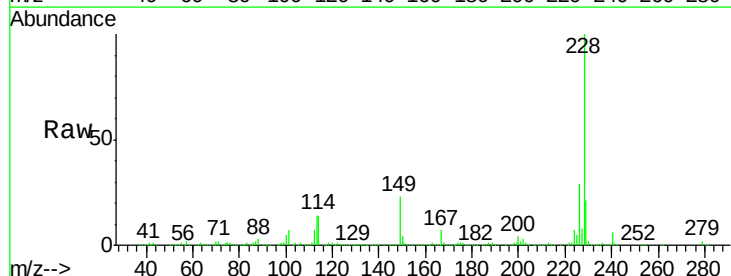
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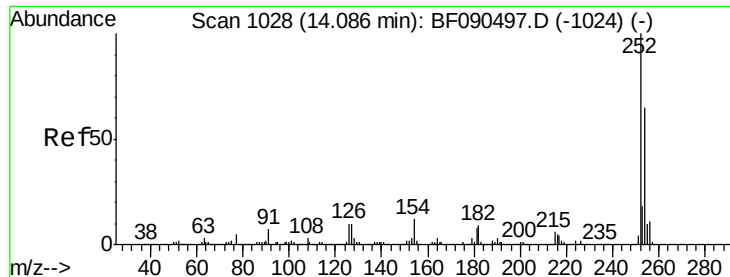
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#80
Benzo(a)anthracene
Concen: 40.12 ng
RT: 14.12 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	29.0	23.6	35.4	
229	21.0	16.6	25.0	





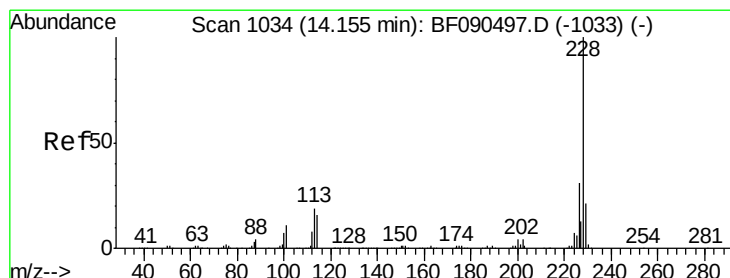
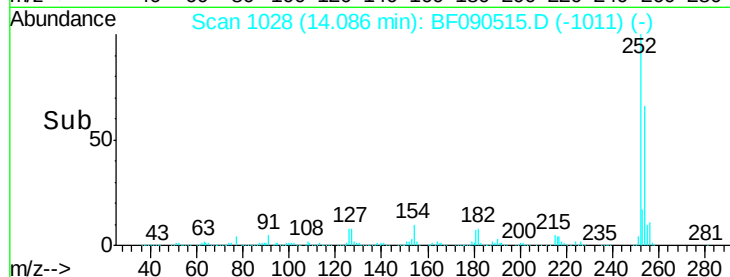
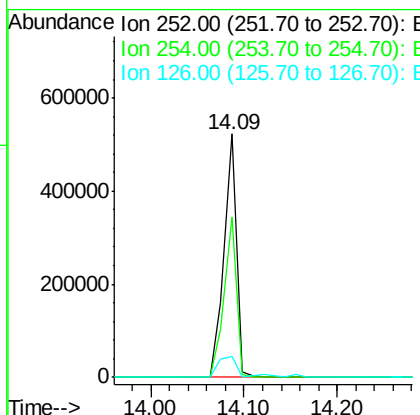
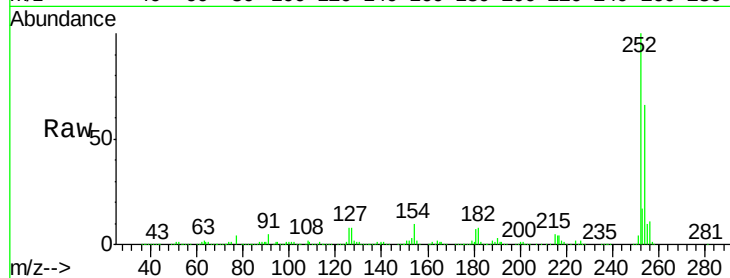
#81
 3,3'-Dichlorobenzidine
 Concen: 28.26 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF090515.D
 Acq: 11 Oct 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.1	78.1
126	8.5	4.2	6.4

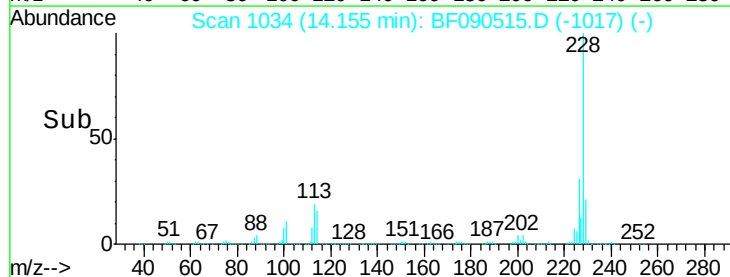
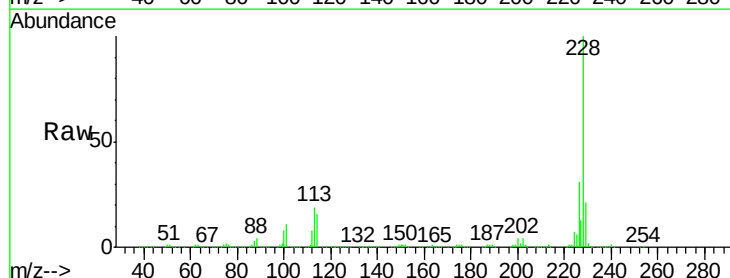
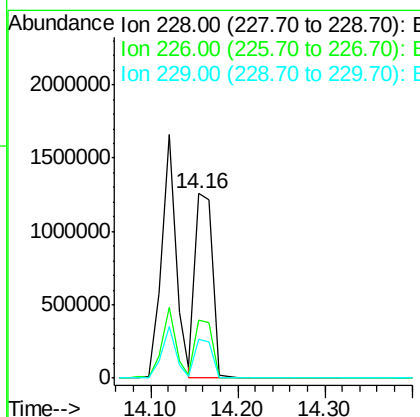
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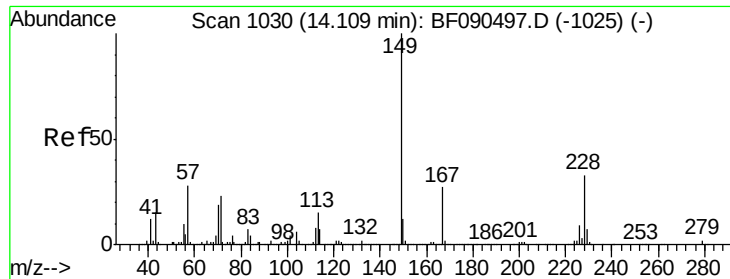
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#82
 Chrysene
 Concen: 39.14 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF090515.D
 Acq: 11 Oct 2016 21:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.8	38.6
229	20.9	16.9	25.3





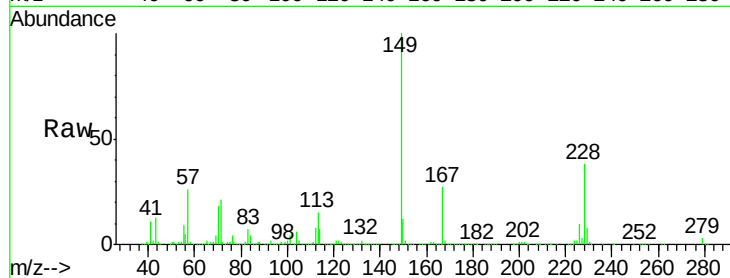
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.32 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF090515.D
 Acq: 11 Oct 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MSD

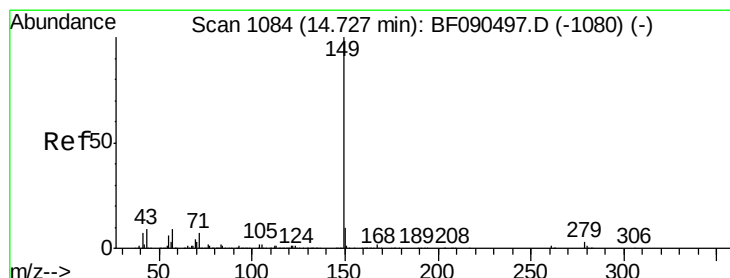
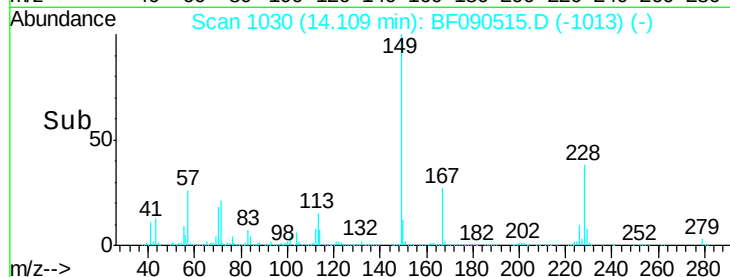
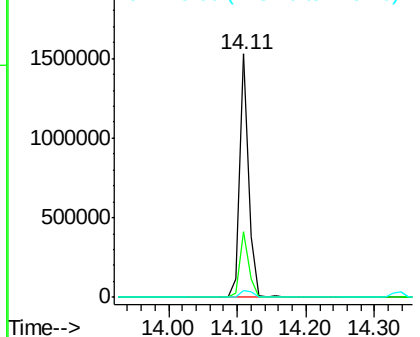
Tot Ion:149 Resp: 1404573
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.5 32.3
 279 2.6 2.6 3.8

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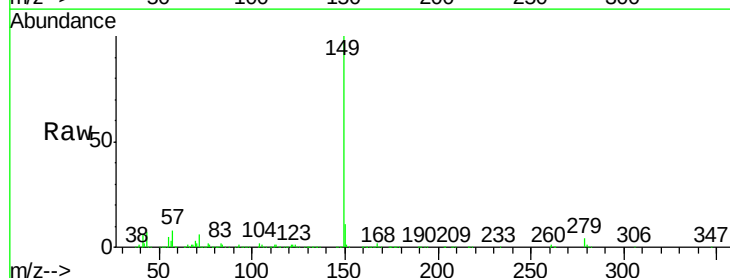


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

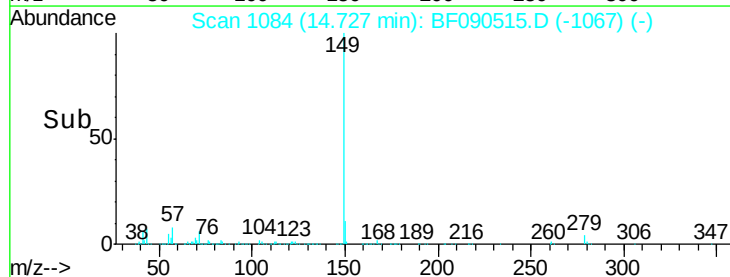
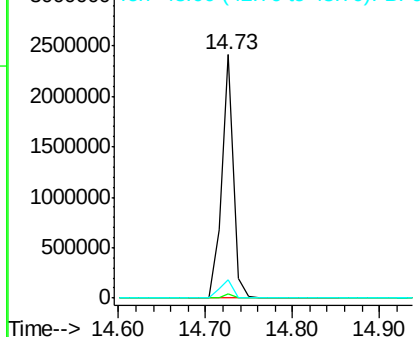


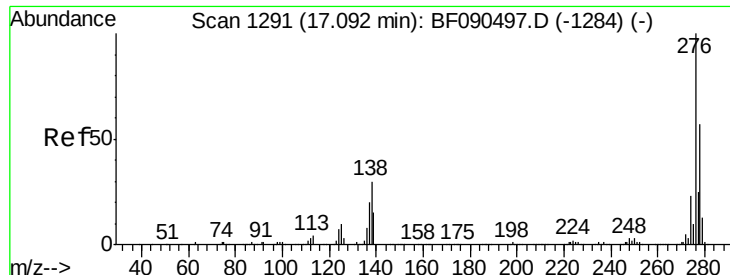
#84
 Di-n-octyl phthalate
 Concen: 43.37 ng
 RT: 14.73 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF090515.D
 Acq: 11 Oct 2016 21:19

Tgt Ion:149 Resp: 2283323
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 8.8 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





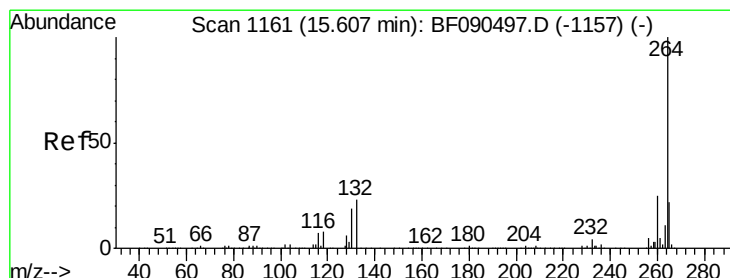
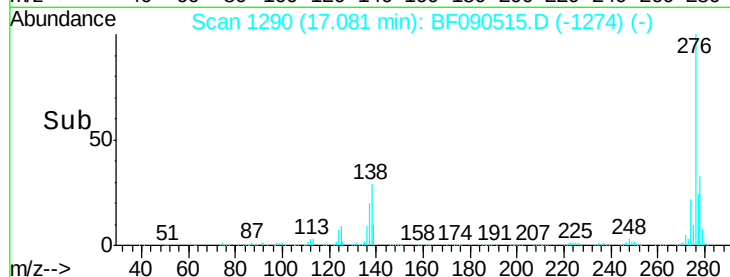
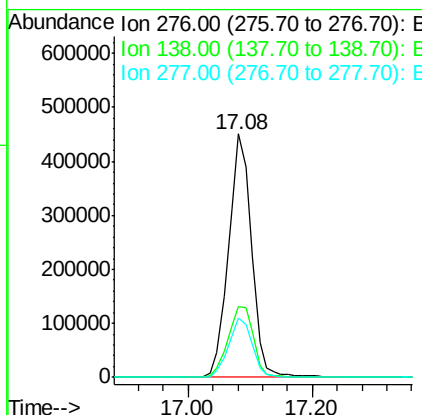
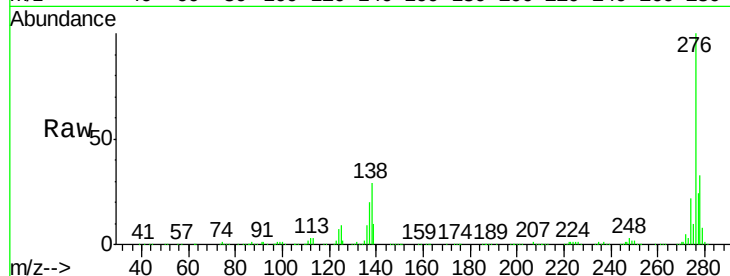
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.69 ng
RT: 17.08 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.5	23.8	35.8
277	25.1	20.4	30.6

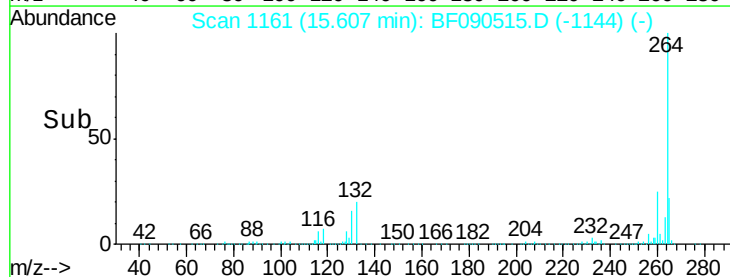
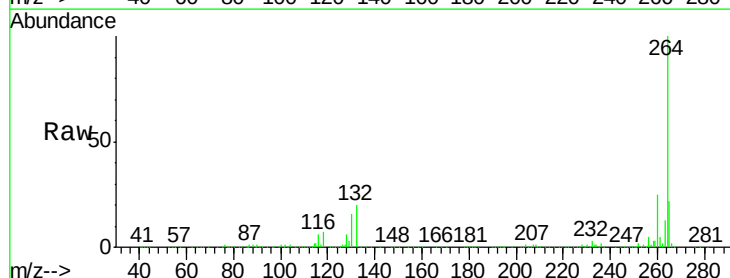
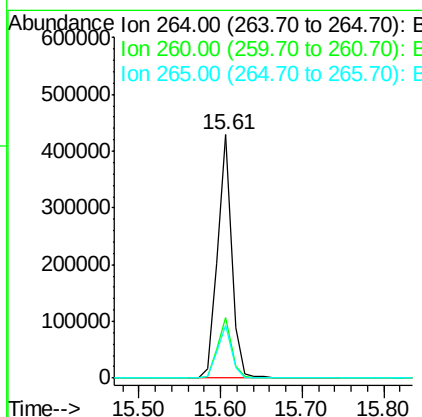
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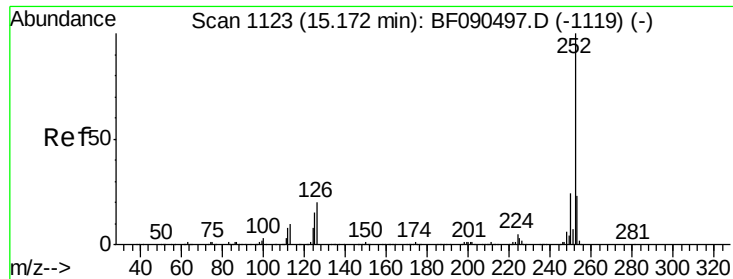
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	21.6	17.4	26.0





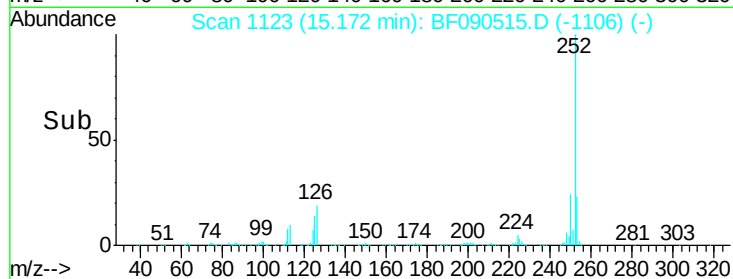
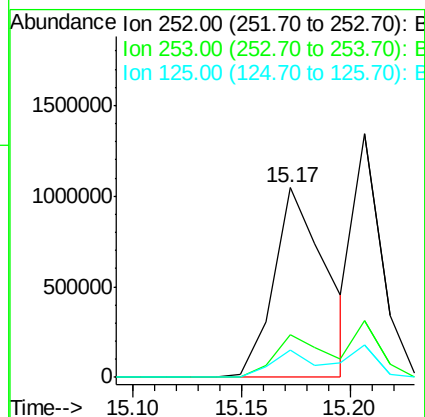
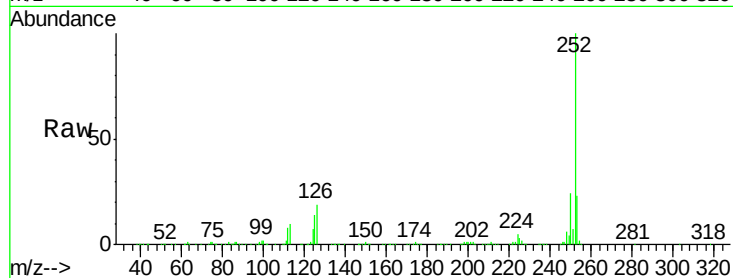
#87
Benzo(b)fluoranthene
Concen: 51.13 ng
RT: 15.17 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

Tot Ion:252 Resp: 1750851
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 14.2 7.0 10.4#

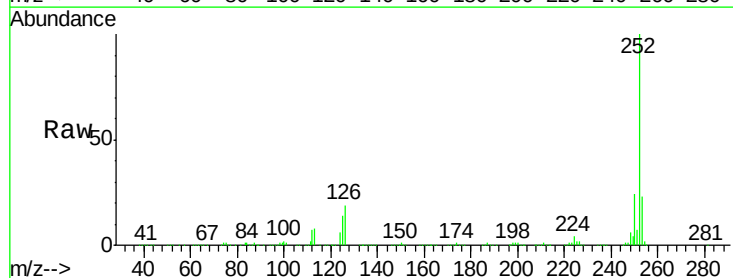
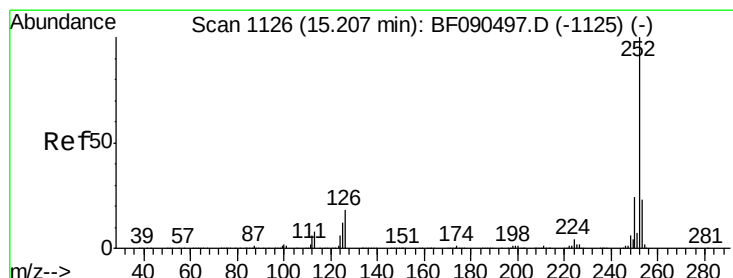
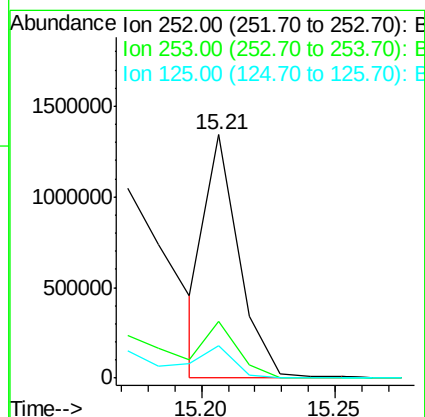
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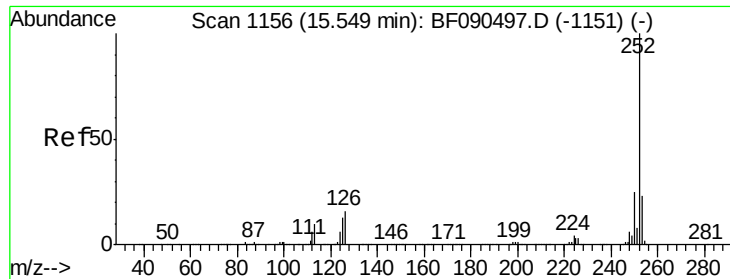
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#88
Benzo(k)fluoranthene
Concen: 38.98 ng m
RT: 15.21 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion:252 Resp: 1189136
Ion Ratio Lower Upper
252 100
253 23.3 18.6 27.8
125 13.5 11.7 17.5





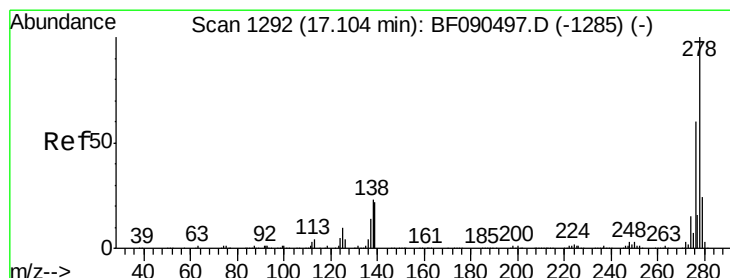
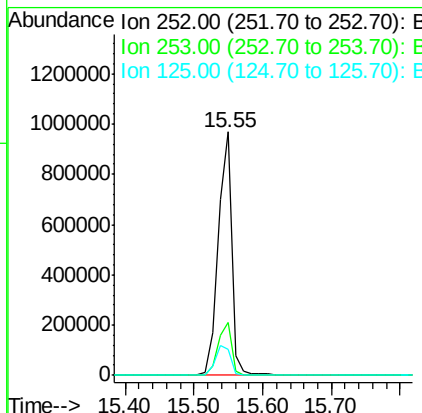
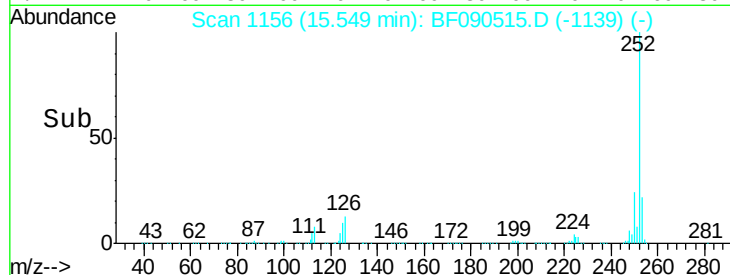
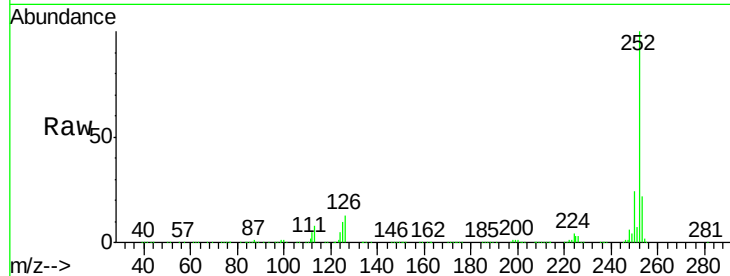
#89
Benzo(a)pyrene
Concen: 45.06 ng
RT: 15.55 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Instrument :
BNA_F
ClientSampleId :
S8-0617MSD

Tot Ion:	252	Resp:	1354934
Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	10.5	9.8	14.8

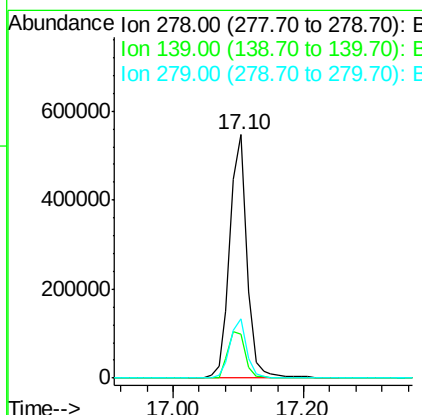
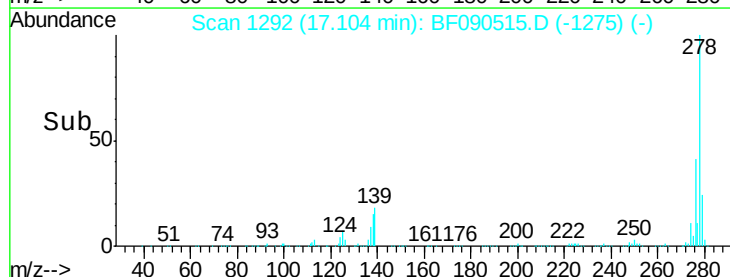
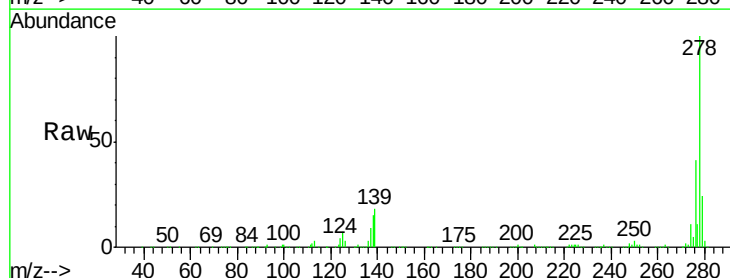
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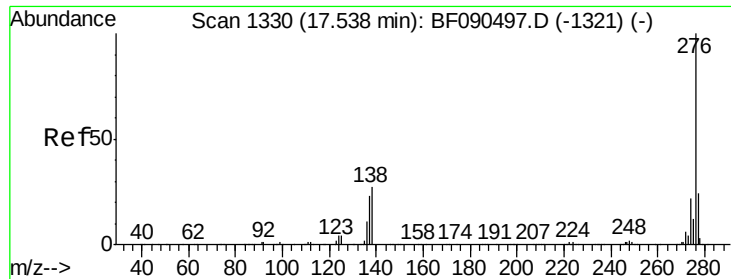
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#90
Dibenzo(a,h)anthracene
Concen: 39.15 ng
RT: 17.10 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF090515.D
Acq: 11 Oct 2016 21:19

Tgt Ion:	278	Resp:	1000103
Ion	Ratio	Lower	Upper
278	100		
139	17.8	12.8	19.2
279	24.4	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.51 ng
 RT: 17.53 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF090515.D
 Acq: 11 Oct 2016 21:19

Instrument :
 BNA_F
 ClientSampleId :
 S8-0617MSD

Tot Ion:	276	Resp:	933423
Ion Ratio		Lower	Upper
276	100		
277	24.2	19.4	29.0
138	29.7	20.8	31.2

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