

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
 Data File : BF090540.D
 Acq On : 12 Oct 2016 17:26
 Operator : UM/SJ
 Sample : H5180-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Manual Integrations
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 10/13/2016 2:04:20 PM

Quant Time: Oct 12 19:07:54 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	230371	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	944424	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	501624	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	843908	20.00	ng	0.00
75) Chrysene-d12	14.13	240	773833	20.00	ng	0.00
86) Perylene-d12	15.61	264	500745	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1512514	102.14	ng	0.02
7) Phenol-d6	6.60	99	1944679	104.07	ng	0.01
23) Nitrobenzene-d5	7.51	82	1336402	76.75	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	694785	139.73	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2645083	88.61	ng	0.00
78) Terphenyl-d14	13.07	244	2461959	77.75	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	216172m	29.76	ng	
3) Pyridine	3.56	79	424156m	21.13	ng	
4) n-Nitrosodimethylamine	3.49	42	192897m	29.32	ng	
6) Aniline	6.63	93	425838	17.96	ng	# 81
8) 2-Chlorophenol	6.75	128	641421	40.72	ng	86
9) Benzaldehyde	6.50	77	121531	10.32	ng	97
10) Phenol	6.61	94	782886	37.14	ng	95
11) bis(2-Chloroethyl)ether	6.69	93	718234	45.52	ng	90
12) 1,3-Dichlorobenzene	6.90	146	658869	38.77	ng	99
13) 1,4-Dichlorobenzene	6.97	146	715540	41.26	ng	99
14) 1,2-Dichlorobenzene	7.13	146	643432	40.83	ng	95
15) Benzyl Alcohol	7.10	79	542867	37.84	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	712827	31.53	ng	57
17) 2-Methylphenol	7.22	107	528069	41.22	ng	96
18) Hexachloroethane	7.46	117	250815	39.20	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	489333	41.06	ng	# 78
20) 3+4-Methylphenols	7.37	107	646781	39.87	ng	# 76
22) Acetophenone	7.37	105	925036	44.49	ng	# 90
24) Nitrobenzene	7.54	77	723249	38.73	ng	# 87
25) Isophorone	7.78	82	1279057	40.36	ng	# 94
26) 2-Nitrophenol	7.86	139	346956	40.72	ng	96
27) 2,4-Dimethylphenol	7.89	122	596377	41.17	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	824764	42.14	ng	96
29) 2,4-Dichlorophenol	8.10	162	544221	44.92	ng	92
30) 1,2,4-Trichlorobenzene	8.18	180	594083	42.69	ng	99
31) Naphthalene	8.26	128	1909656	40.59	ng	98
32) Benzoic acid	8.02	122	322575	28.22	ng	98
33) 4-Chloroaniline	8.31	127	216029	10.85	ng	# 89
34) Hexachlorobutadiene	8.37	225	316271	40.65	ng	99
35) Caprolactam	8.68	113	154505m	39.34	ng	
36) 4-Chloro-3-methylphenol	8.81	107	589140	41.64	ng	89
37) 2-Methylnaphthalene	8.95	142	1304048	41.29	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	553827	39.44	ng	99
40) Hexachlorocyclopentadiene	9.10	237	637548	91.46	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	373598	39.46	nq	97
43) 2,4,5-Trichlorophenol	9.29	196	406083	43.34	nq #	88
45) 1,1'-Biphenyl	9.41	154	1498806	39.12	nq	97
46) 2-Chloronaphthalene	9.45	162	1246115	43.71	nq	94
47) 2-Nitroaniline	9.54	65	369064	36.30	nq	97
48) Acenaphthylene	9.86	152	1828797	39.77	nq	99
49) Dimethylphthalate	9.72	163	1441133	42.72	nq	99
50) 2,6-Dinitrotoluene	9.78	165	313301	42.06	nq	88
51) Acenaphthene	10.03	154	1287953	41.79	nq	99
52) 3-Nitroaniline	9.95	138	146640	15.87	nq	95
53) 2,4-Dinitrophenol	10.06	184	325053	78.64	nq #	86
54) Dibenzofuran	10.20	168	1640584	40.00	nq	94
55) 4-Nitrophenol	10.13	139	513202	71.46	nq #	80
56) 2,4-Dinitrotoluene	10.19	165	469783	47.68	nq #	76
57) Fluorene	10.54	166	1305664	39.00	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	351935	45.03	nq	99
59) Diethylphthalate	10.42	149	1388984	40.48	nq #	93
60) 4-Chlorophenyl-phenylether	10.54	204	651820	42.19	nq #	80
61) 4-Nitroaniline	10.58	138	321338	34.08	nq	89
62) Azobenzene	10.69	77	1493604	39.86	nq	89
64) 4,6-Dinitro-2-methylphenol	10.60	198	217421	38.57	nq #	45
65) n-Nitrosodiphenylamine	10.66	169	1107378	40.35	nq	99
66) 4-Bromophenyl-phenylether	11.03	248	407606	43.59	nq #	78
67) Hexachlorobenzene	11.09	284	425361	41.18	nq #	88
68) Atrazine	11.18	200	313970	36.97	nq	97
69) Pentachlorophenol	11.30	266	513417	83.53	nq	99
70) Phenanthrene	11.51	178	2061113	44.32	nq	97
71) Anthracene	11.56	178	1862413	39.53	nq	99
72) Carbazole	11.72	167	1799280	40.43	nq	98
73) Di-n-butylphthalate	12.04	149	2104331	39.26	nq	98
74) Fluoranthene	12.70	202	2075472	43.72	nq	90
76) Benzidine	12.82	184	53961	2.22	nq	99
77) Pyrene	12.93	202	2117860	43.72	nq	100
79) Butylbenzylphthalate	13.55	149	1016096	44.81	nq	96
80) Benzo(a)anthracene	14.12	228	1791427	38.85	nq	98
81) 3,3'-Dichlorobenzidine	14.09	252	249609	15.04	nq #	99
82) Chrysene	14.16	228	1567966m	36.52	nq	
83) Bis(2-ethylhexyl)phthalate	14.11	149	1353017	40.89	nq #	95
84) Di-n-octyl phthalate	14.72	149	2062257	40.24	nq #	84
85) Indeno(1,2,3-cd)pyrene	17.08	276	1218803	34.10	nq	98
87) Benzo(b)fluoranthene	15.17	252	1421407	43.02	nq #	97
88) Benzo(k)fluoranthene	15.21	252	1488421m	50.58	nq	
89) Benzo(a)pyrene	15.54	252	1285040	44.29	nq #	97
90) Dibenzo(a,h)anthracene	17.09	278	1047267	42.49	nq #	96
91) Benzo(g,h,i)perylene	17.53	276	972782	42.68	nq	99

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

```

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Misc      :
ALS Vial  : 15      Sample Multiplier: 1

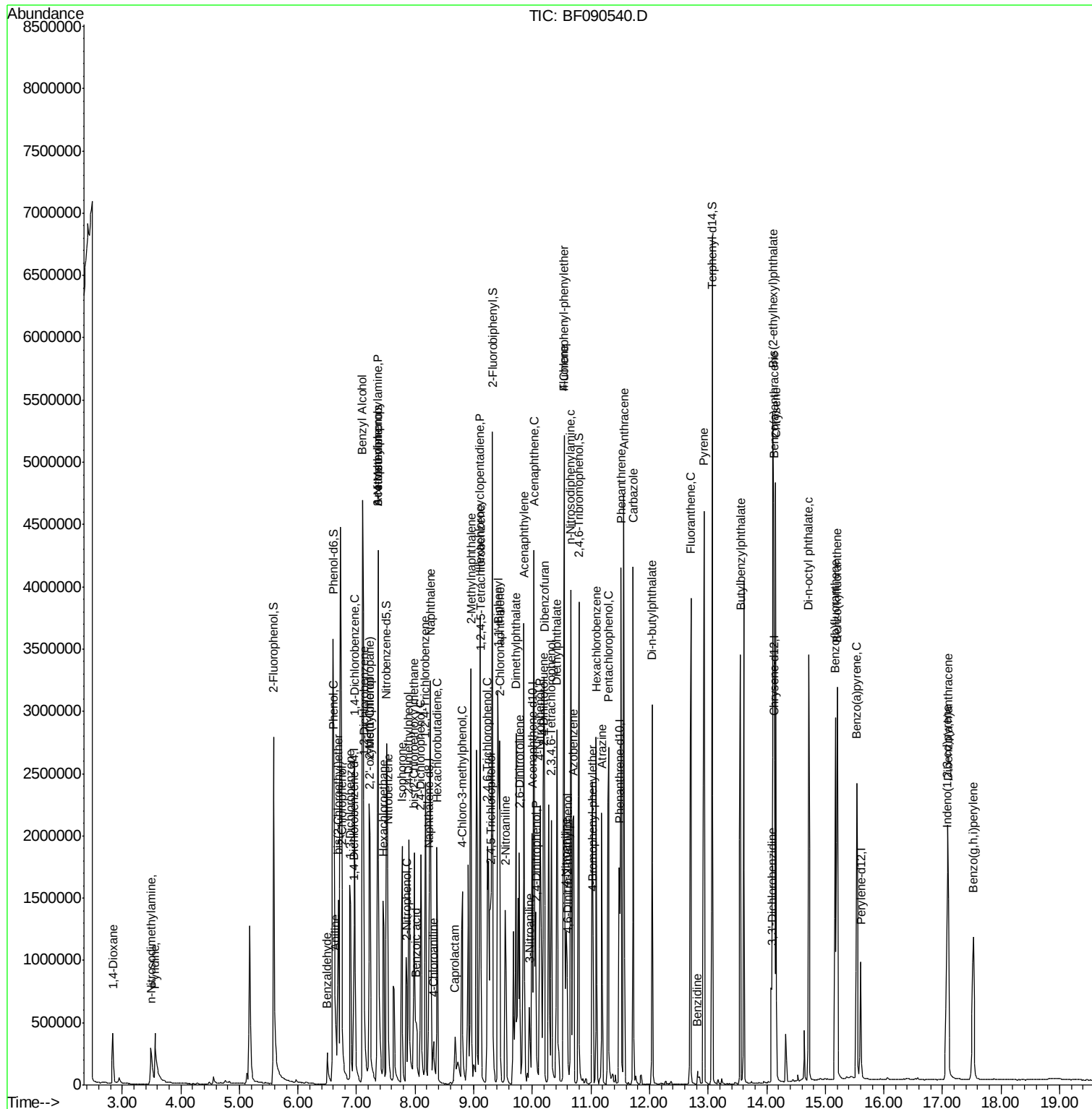
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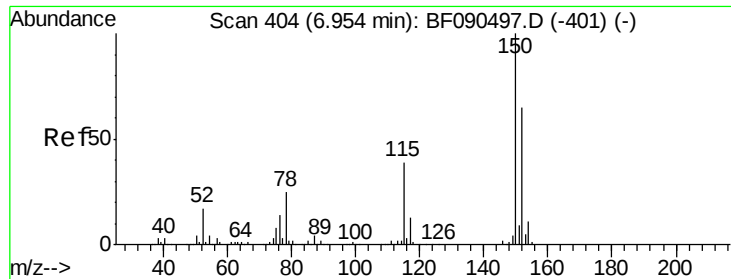
Instrument :
BNA_F
ClientSampleId :
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#1

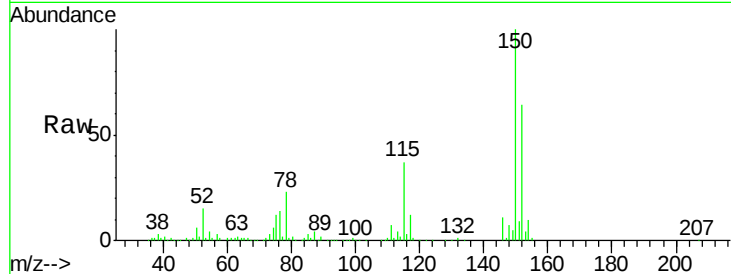
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

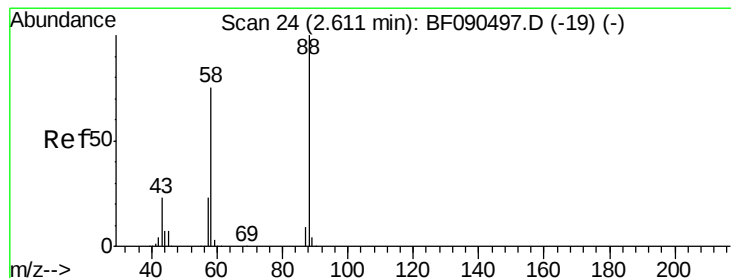
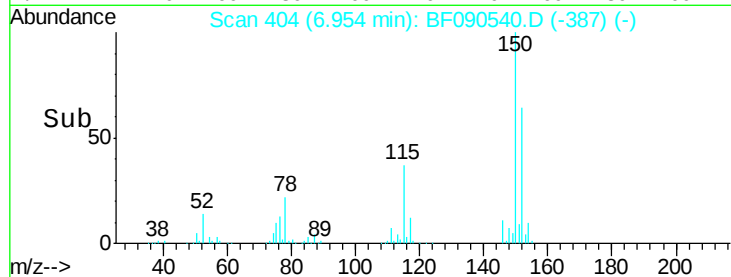
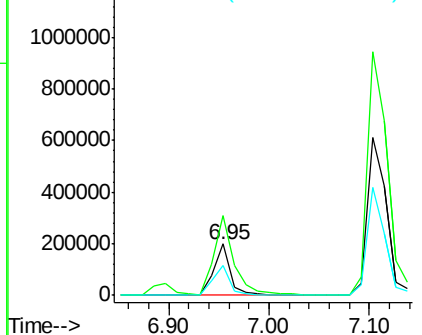
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	57.9	46.2	69.4

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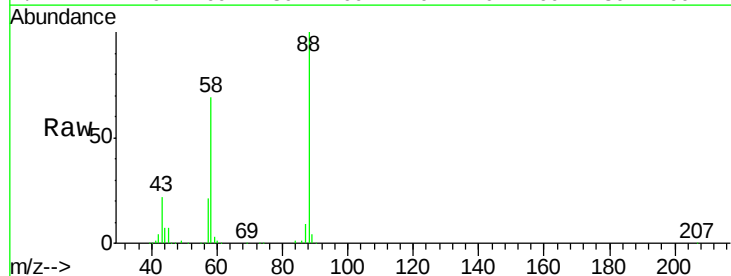
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



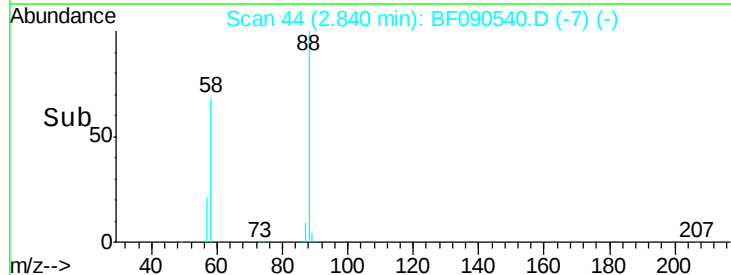
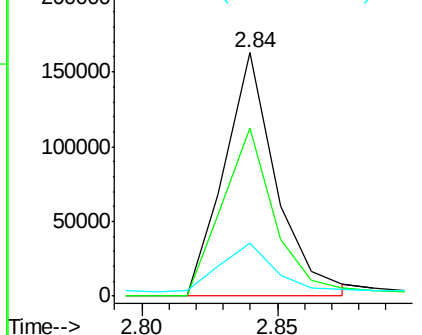
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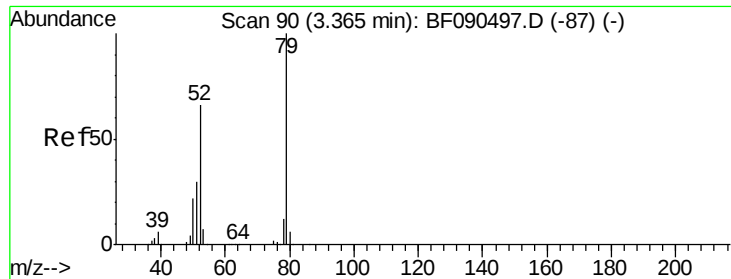
1,4-Dioxane
Concen: 29.76 ng m
RT: 2.84 min Scan# 44
Delta R.T. 0.23 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	71.2	106.8#
43	0.0	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: 21.13 ng/ml

RT: 3.56 min Scan# 107

Delta R.T. 0.19 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

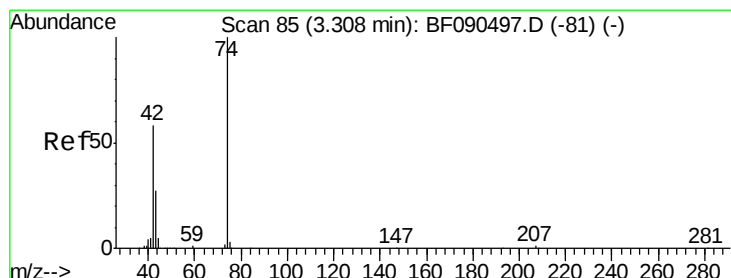
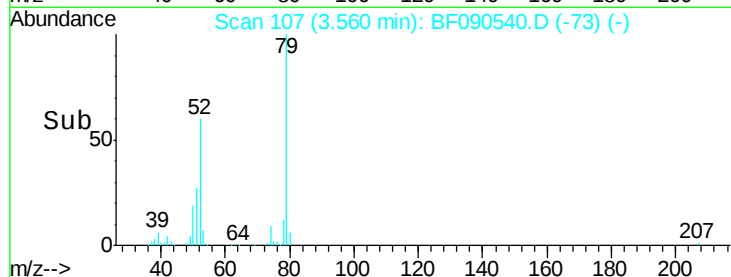
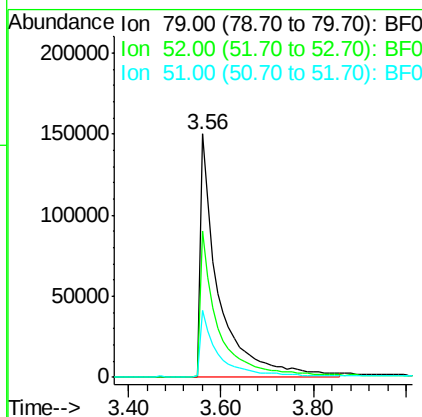
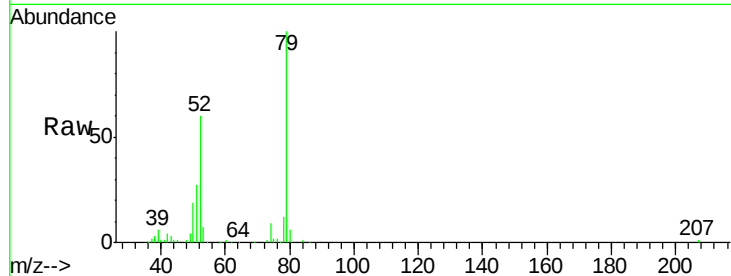
ClientSampleId :

WC-1MS

Tot Ion:	79	Resp:	424156
Ion	Ratio	Lower	Upper
79	100		
52	60.0	71.3	106.9#
51	27.4	34.5	51.7#

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#4

n-Nitrosodimethylamine

Concen: 29.32 ng/ml

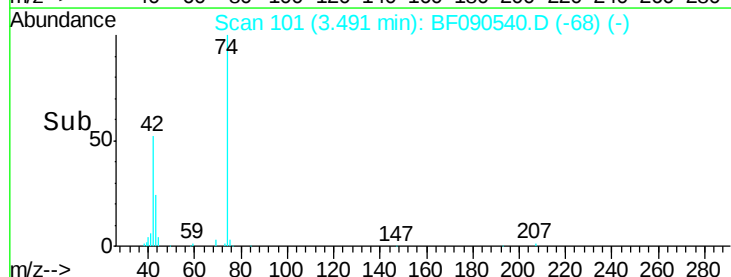
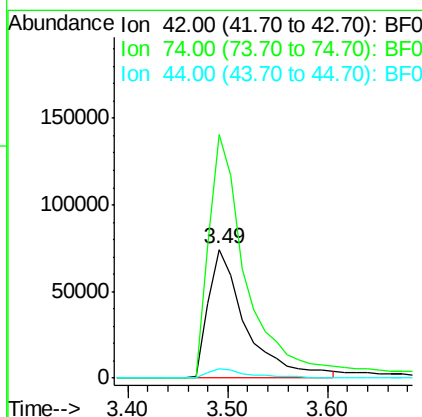
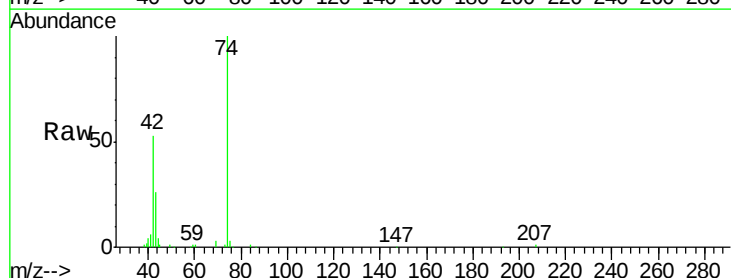
RT: 3.49 min Scan# 101

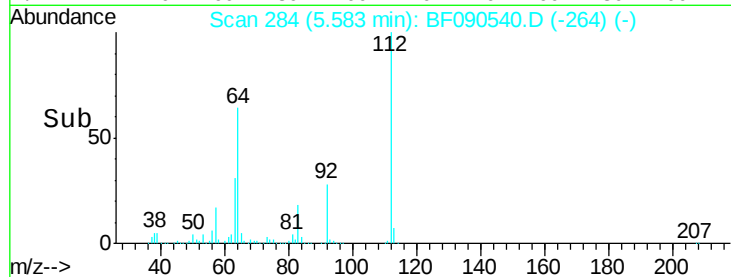
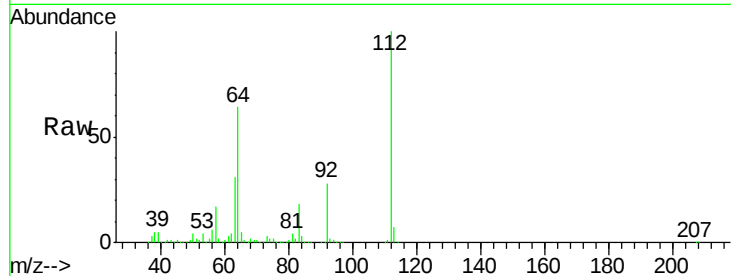
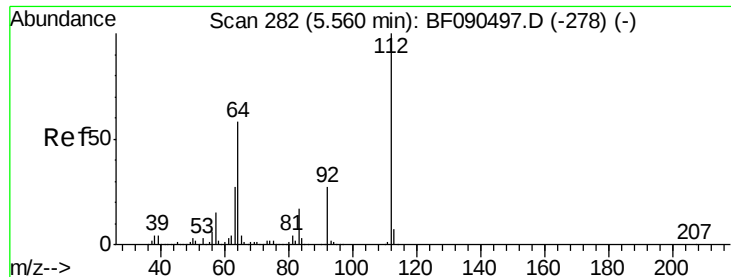
Delta R.T. 0.18 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Tgt Ion:	42	Resp:	192897
Ion	Ratio	Lower	Upper
42	100		
74	189.4	88.9	133.3#
44	7.8	6.5	9.7





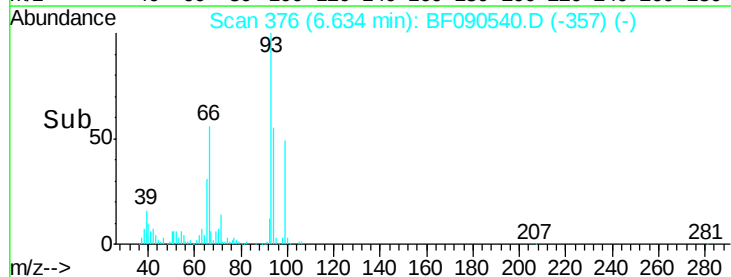
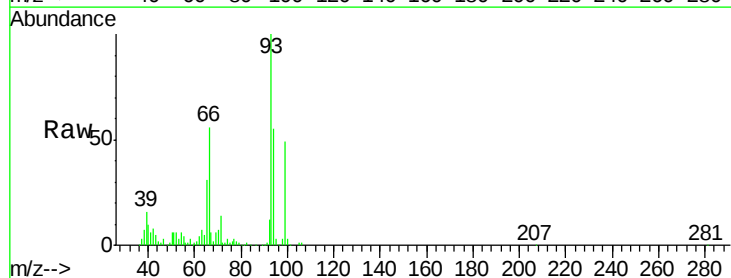
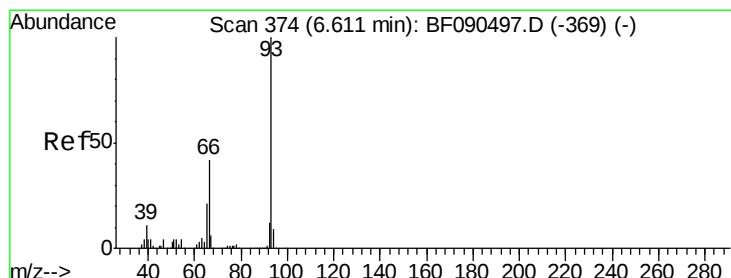
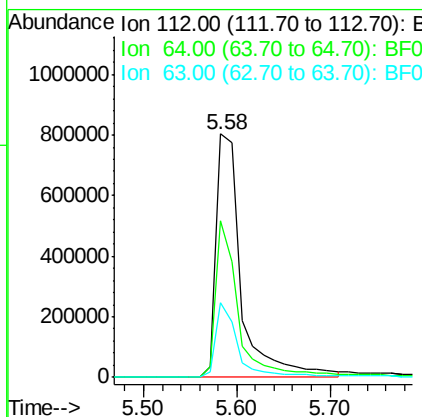
#5
2-Fluorophenol
Concen: 102.14 ng
RT: 5.58 min Scan# 284
Delta R.T. 0.02 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Tot Ion: 112 Resp: 1512514
Ion Ratio Lower Upper
112 100
64 64.2 57.9 86.9
63 30.9 29.6 44.4

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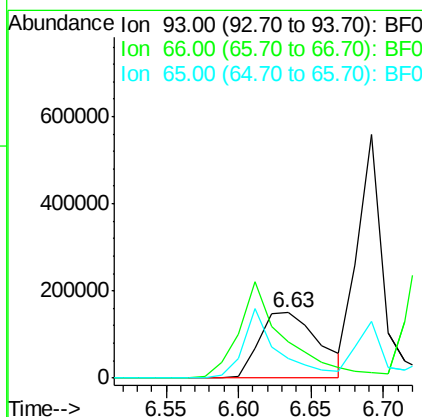
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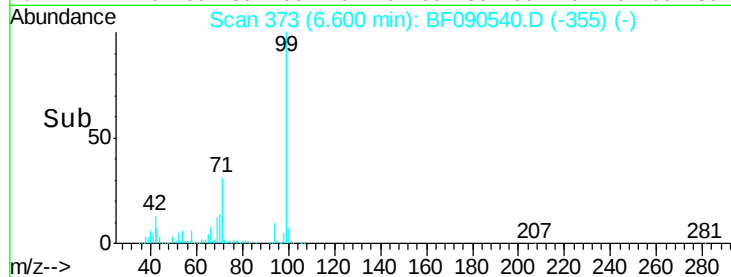
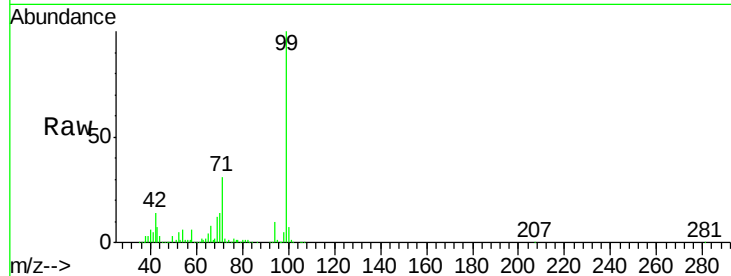
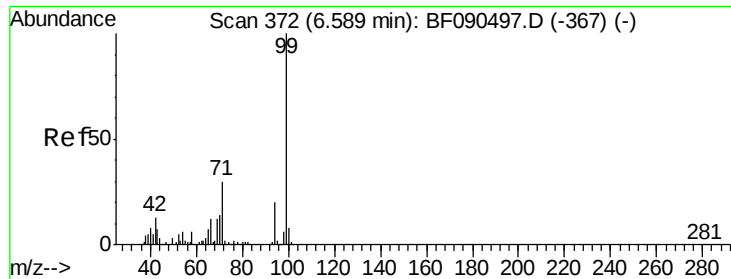
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#6
Aniline
Concen: 17.96 ng
RT: 6.63 min Scan# 376
Delta R.T. 0.02 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Tgt Ion: 93 Resp: 425838
Ion Ratio Lower Upper
93 100
66 55.8 34.5 51.7#
65 30.7 18.2 27.2#





#7

Phenol-d6

Concen: 104.07 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Tot Ion:	99	Resp:	1944679
Ion	Ratio	Lower	Upper
99	100		
42	13.5	20.0	30.0#
71	31.1	27.9	41.9

Instrument :

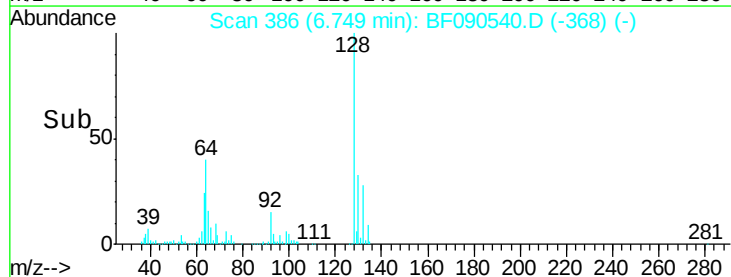
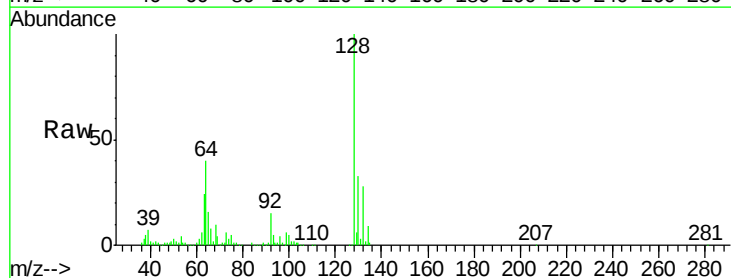
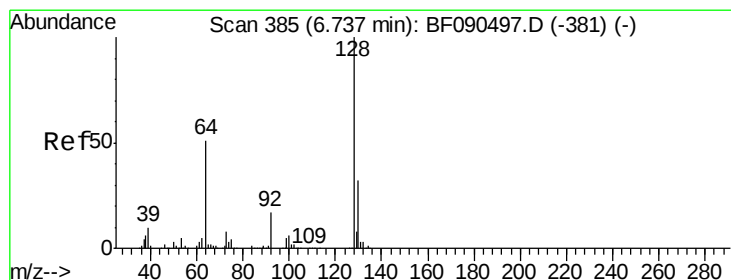
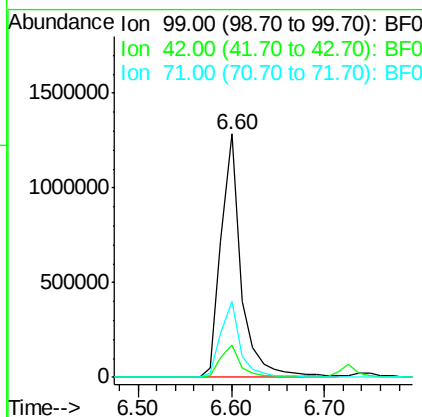
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 40.72 ng

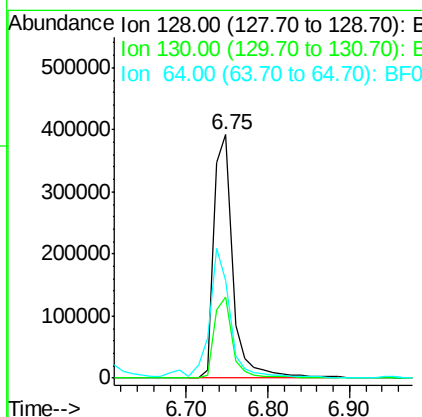
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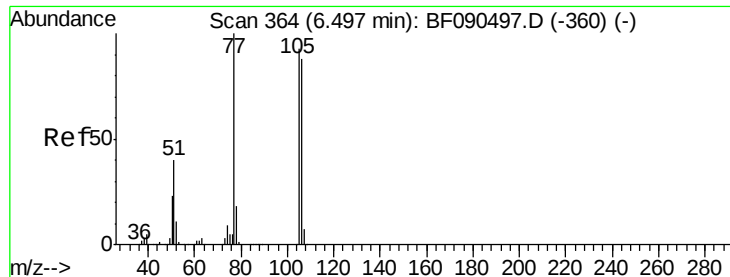
Delta R.T. 0.01 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Tgt Ion:	128	Resp:	641421
Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.3	53.3
64	40.2	36.0	76.0





#9

Benzaldehyde

Concen: 10.32 ng

RT: 6.50 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

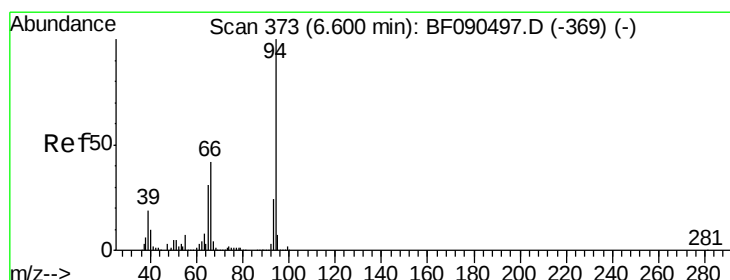
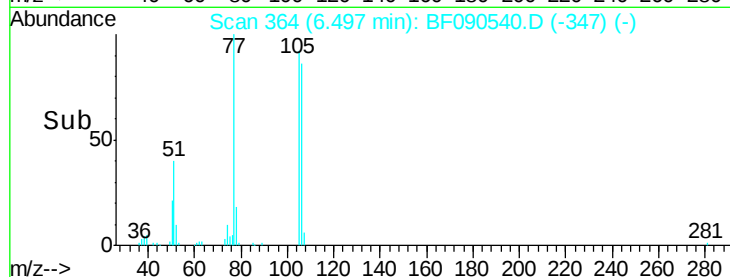
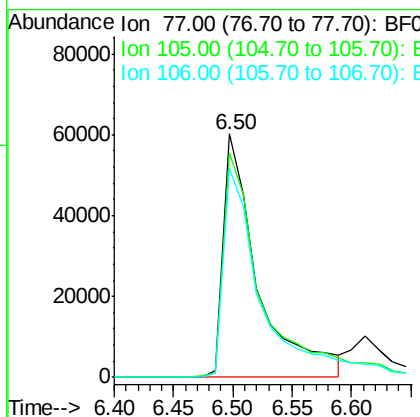
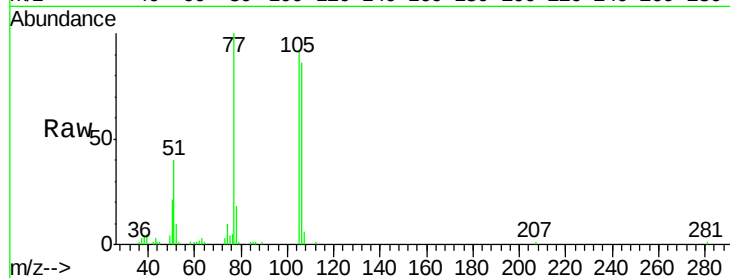
ClientSampleId :

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Tot Ion:	77	Resp:	121531
Ion	Ratio	Lower	Upper
77	100		
105	92.3	73.1	113.1
106	85.9	70.2	110.2

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#10

Phenol

Concen: 37.14 ng

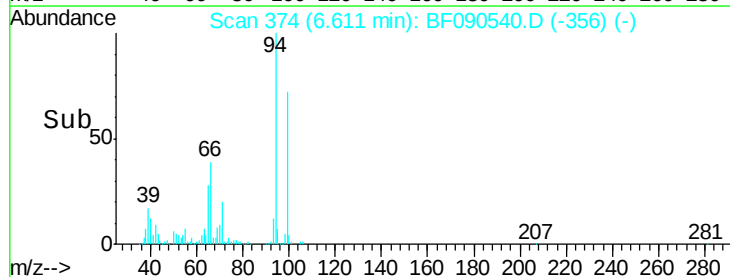
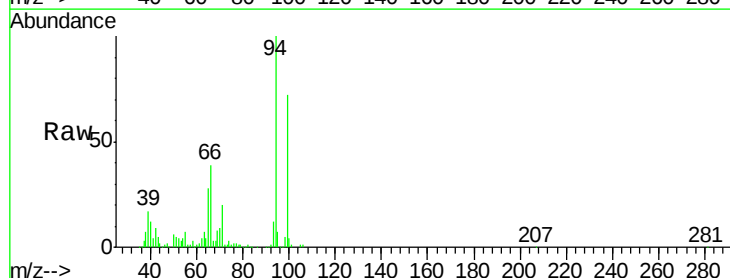
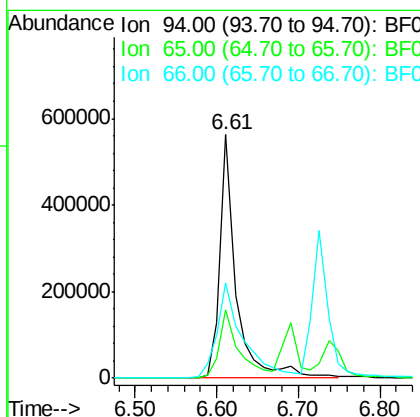
RT: 6.61 min Scan# 374

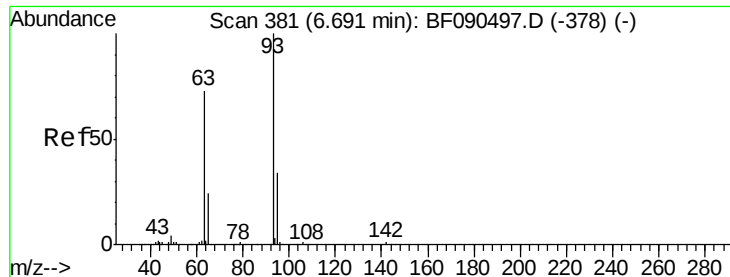
Delta R.T. 0.01 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Tgt Ion:	94	Resp:	782886
Ion	Ratio	Lower	Upper
94	100		
65	28.2	13.3	53.3
66	39.2	20.4	60.4





#11

bis(2-Chloroethyl)ether

Concen: 45.52 ng

RT: 6.69 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

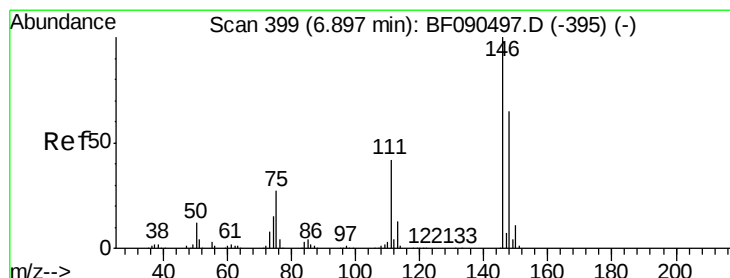
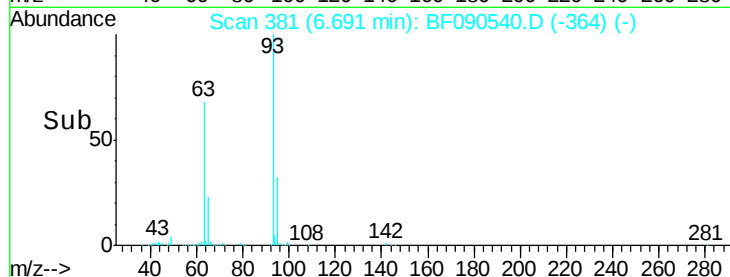
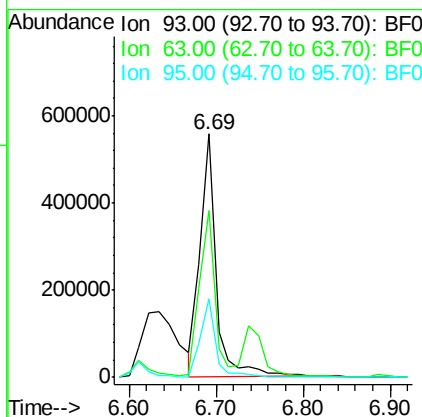
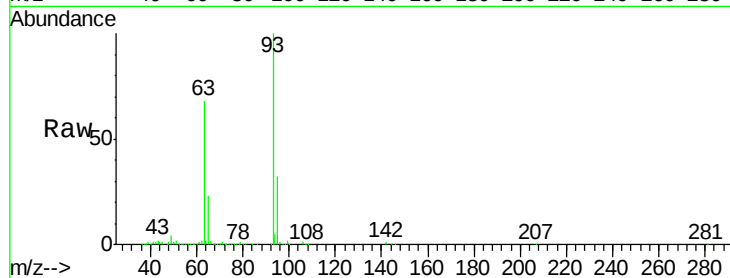
ClientSampleId :

WC-1MS

Tot Ion:	93	Resp:	718234
Ion	Ratio	Lower	Upper
93	100		
63	68.4	59.7	99.7
95	32.0	14.0	54.0

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#12

1,3-Dichlorobenzene

Concen: 38.77 ng

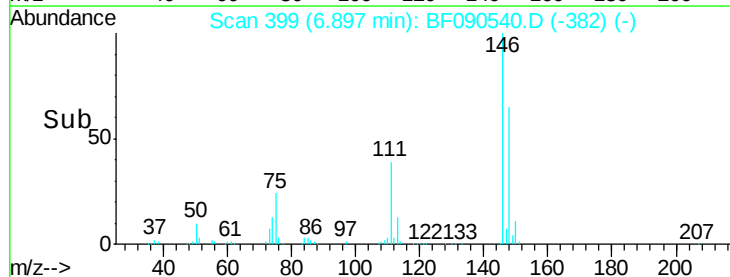
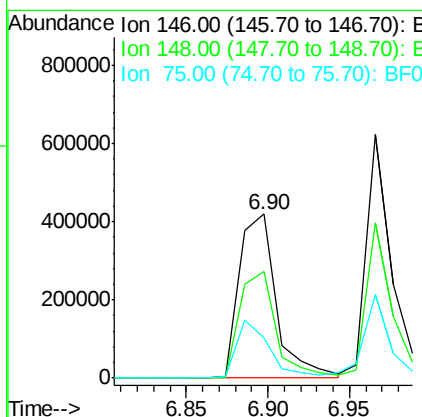
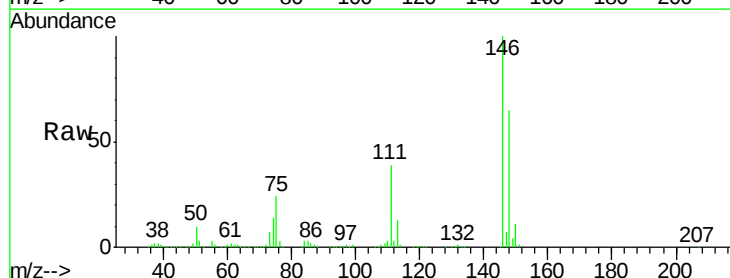
RT: 6.90 min Scan# 399

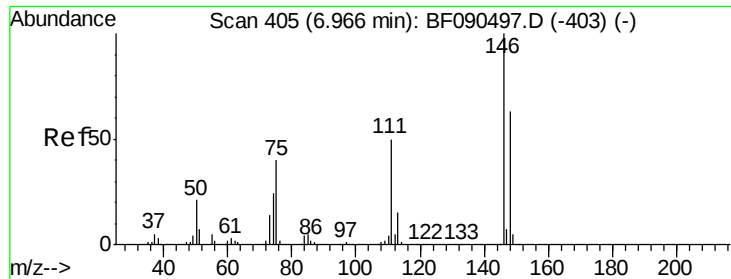
Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Tgt Ion:	146	Resp:	658869
Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.2	78.4
75	24.4	21.4	32.2





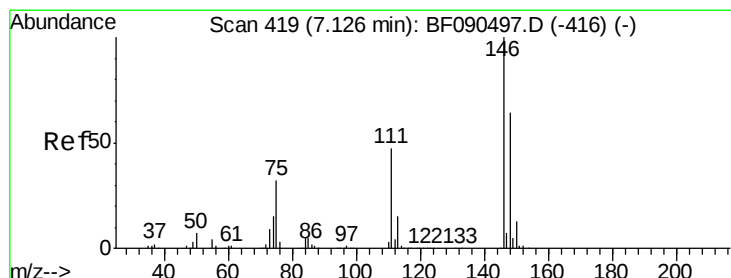
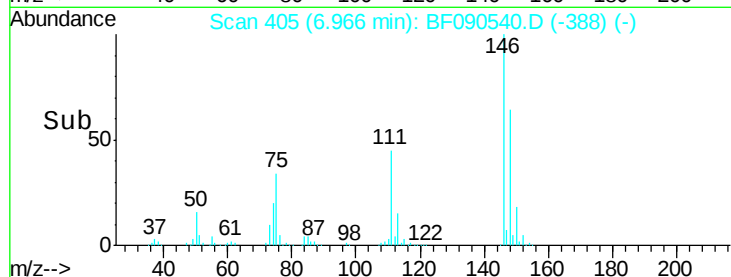
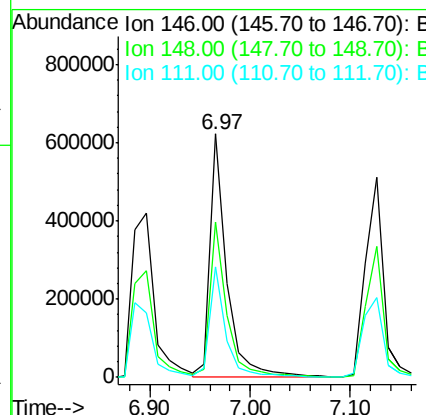
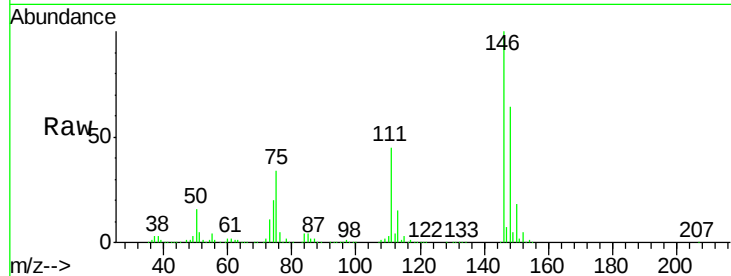
#13
 1,4-Dichlorobenzene
 Concen: 41.26 ng
 RT: 6.97 min Scan# 405
 Delta R.T. -0.00 min
 Lab File: BF090540.D
 Acq: 12 Oct 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	45.4	37.8	56.6

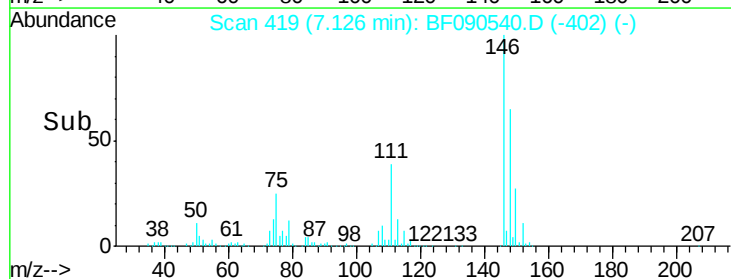
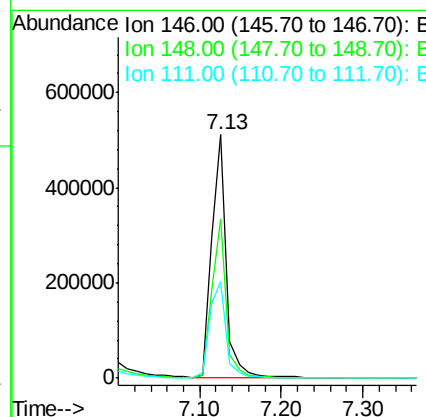
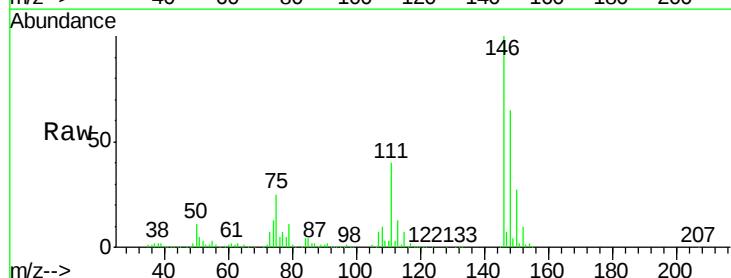
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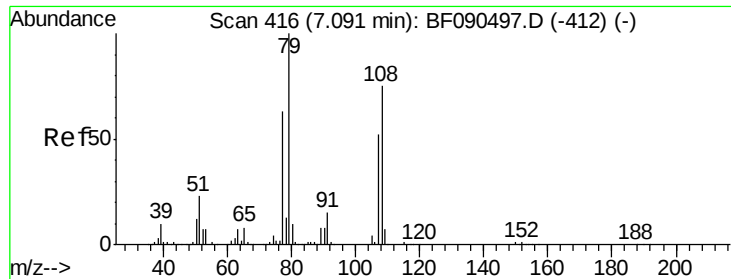
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#14
 1,2-Dichlorobenzene
 Concen: 40.83 ng
 RT: 7.13 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF090540.D
 Acq: 12 Oct 2016 17:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.3	78.5
111	39.6	38.2	57.4





#15

Benzyl Alcohol

Concen: 37.84 ng

RT: 7.10 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

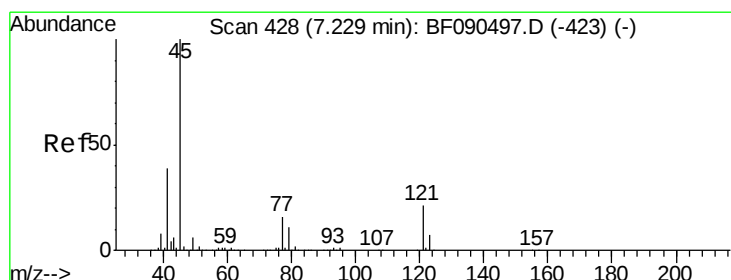
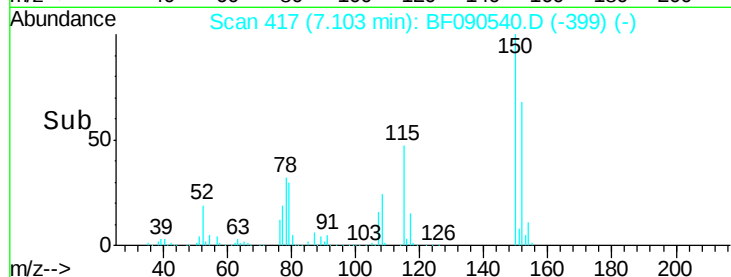
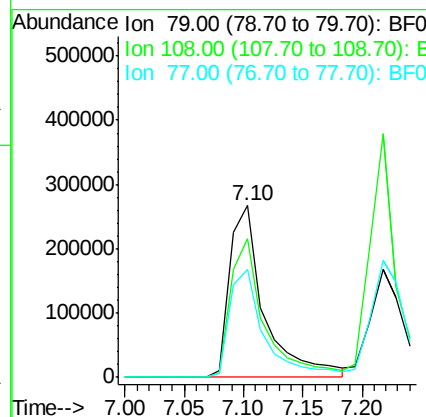
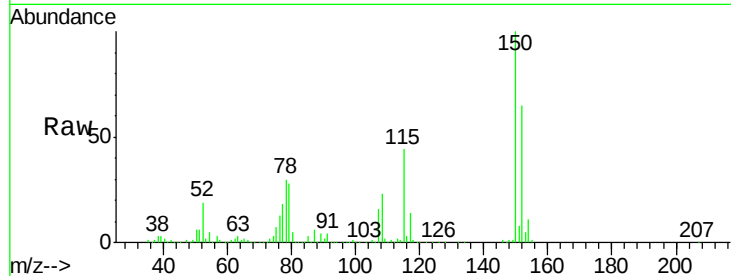
ClientSampled :

WC-1MS

Tot Ion:	79	Resp:	542867
Ion Ratio	Lower	Upper	
79	100		
108	81.1	60.9	91.3
77	63.3	51.5	77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.53 ng

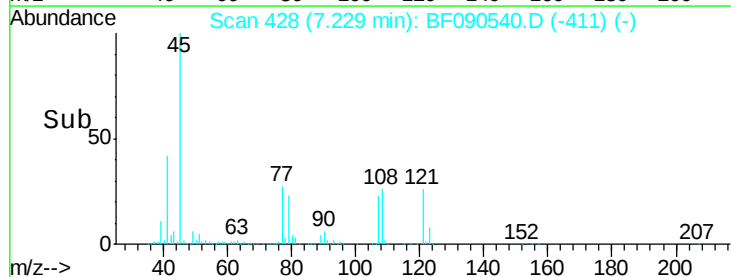
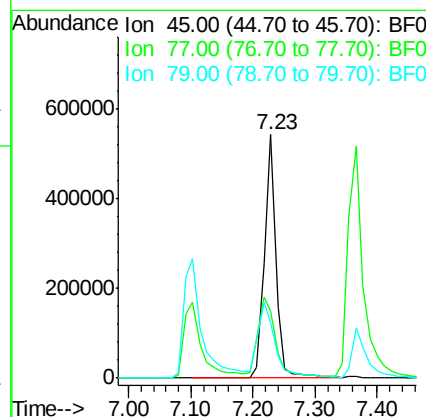
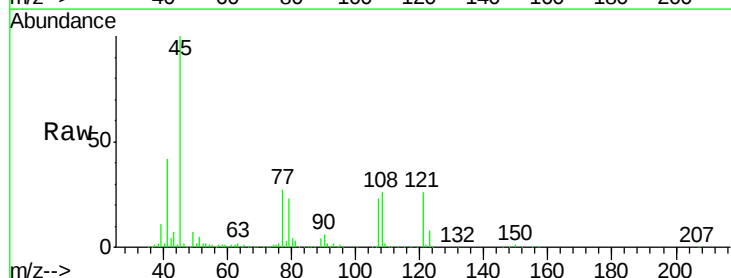
RT: 7.23 min Scan# 428

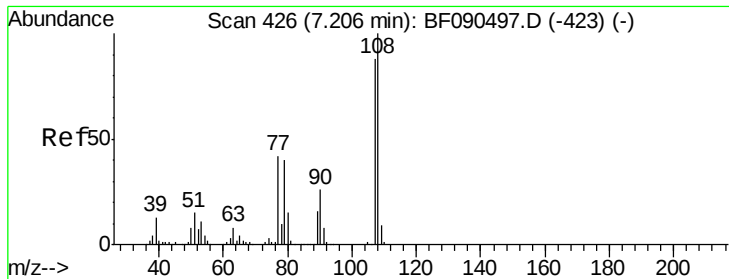
Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Tgt Ion:	45	Resp:	712827
Ion Ratio	Lower	Upper	
45	100		
77	27.3	0.0	30.8
79	22.9	0.0	28.2





#17

2-Methylphenol

Concen: 41.22 ng

RT: 7.22 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF090540.D

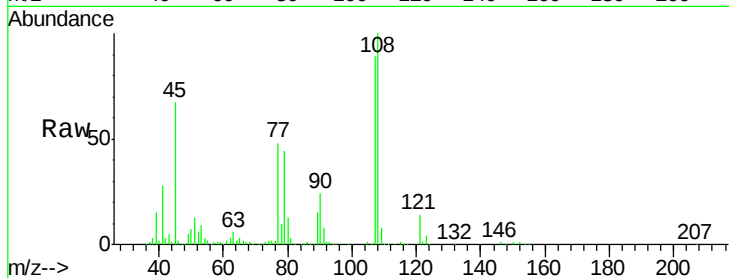
Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

ClientSampled :

WC-1MS



Tot Ion:107 Resp: 528069

Ion Ratio Lower Upper

107 100

108 112.8 90.9 136.3

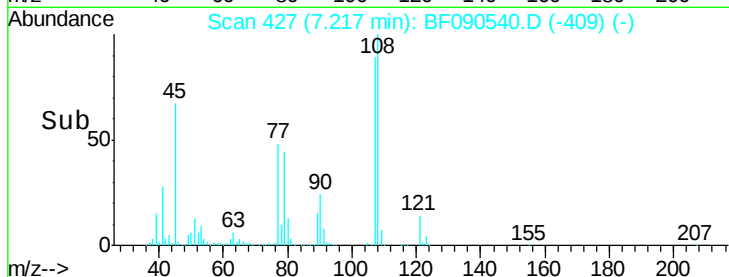
77 53.9 38.2 57.4

79 50.2 37.0 55.4

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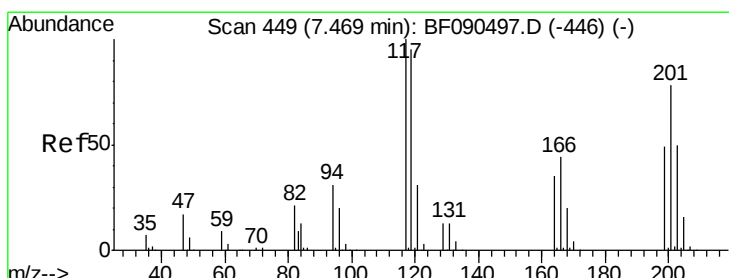
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#18

Hexachloroethane

Concen: 39.20 ng

RT: 7.46 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

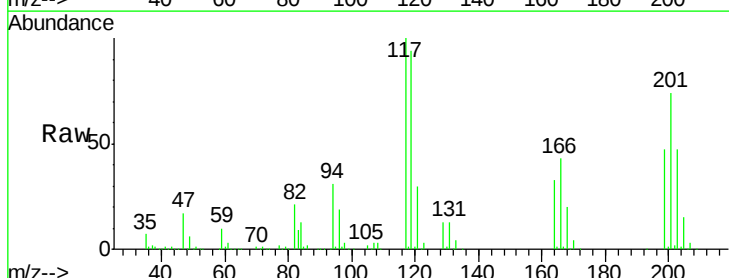
Tgt Ion:117 Resp: 250815

Ion Ratio Lower Upper

117 100

119 93.8 75.9 113.9

201 73.8 66.5 99.7

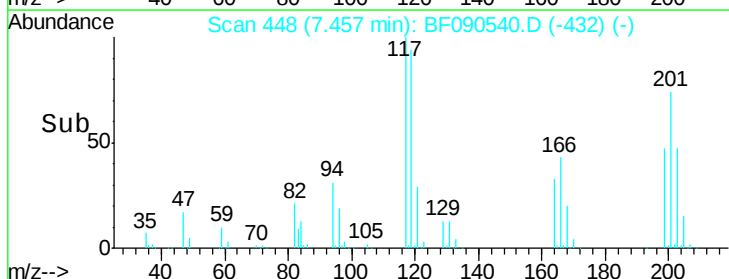


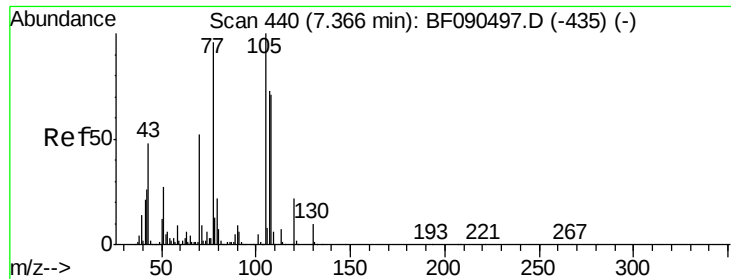
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->





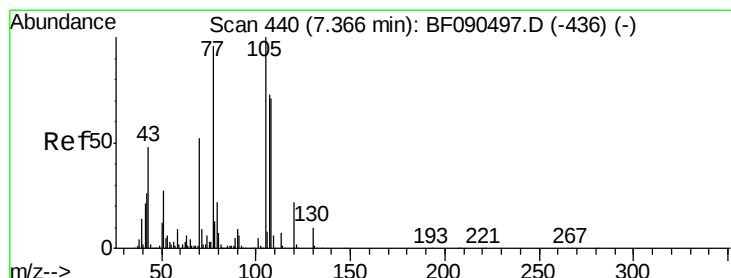
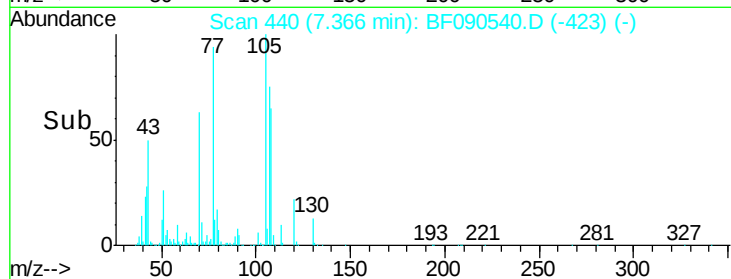
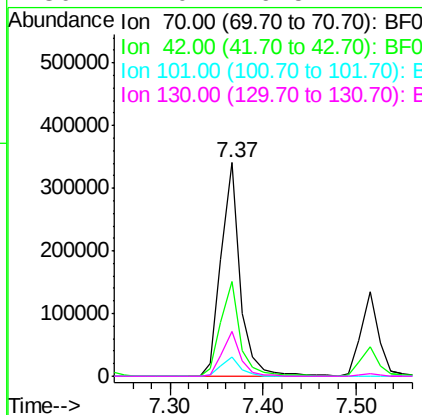
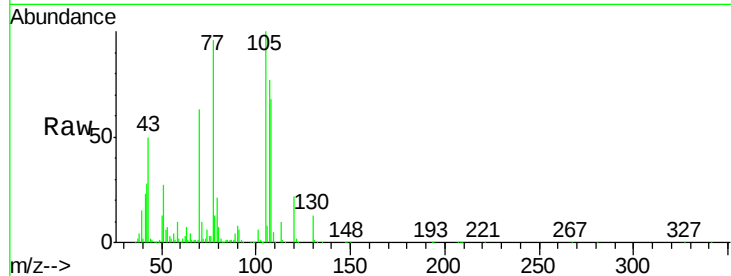
#19
n-Nitroso-di-n-propylamine
Concen: 41.06 ng
RT: 7.37 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Instrument :
BNA_F
ClientSampled :
WC-1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.2	55.4	83.2#
101	9.1	7.6	11.4
130	21.0	16.5	24.7

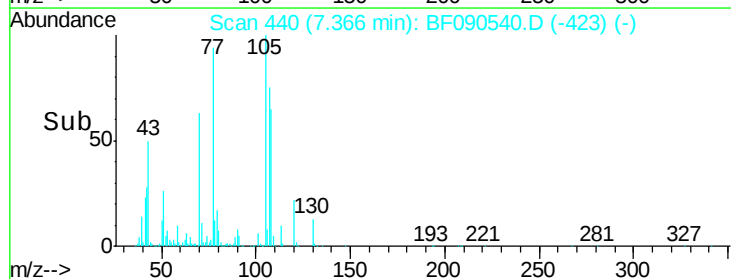
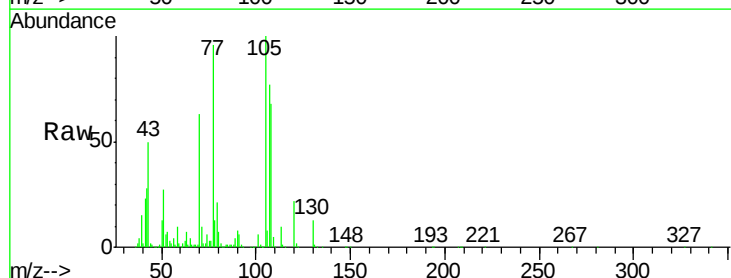
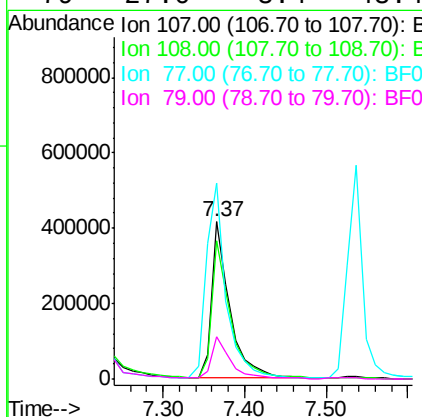
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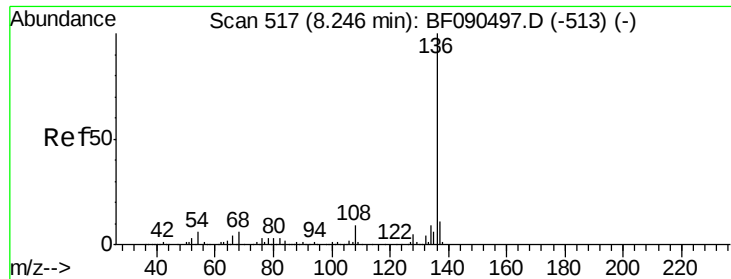
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#20
3+4-Methylphenols
Concen: 39.87 ng
RT: 7.37 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	66.7	106.7
77	124.2	53.7	93.7#
79	27.0	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

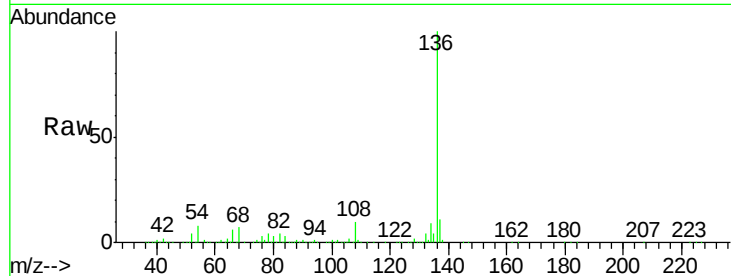
ClientSampleId :

WC-1MS

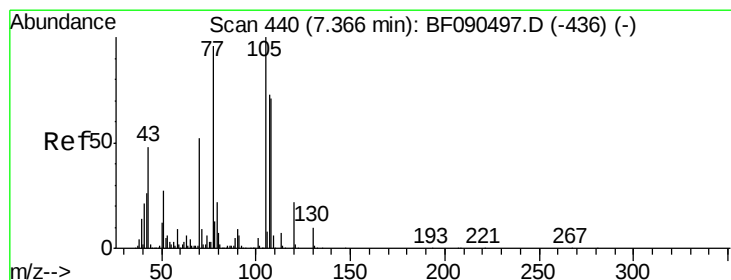
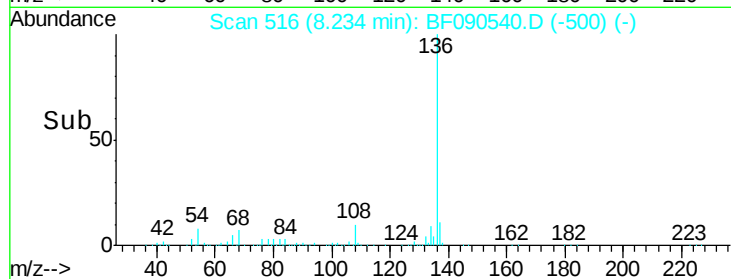
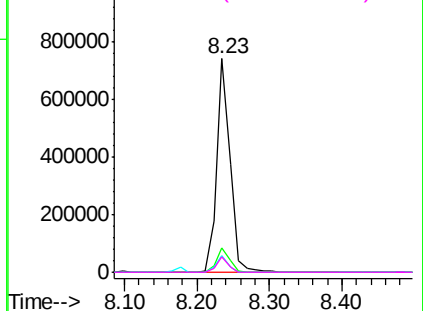
Tot Ion:	136	Resp:	944424
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	7.6	6.6	10.0
68	7.3	5.0	7.6

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Abundance Ion 136.00 (135.70 to 136.70): E



#22

Acetophenone

Concen: 44.49 ng

RT: 7.37 min Scan# 440

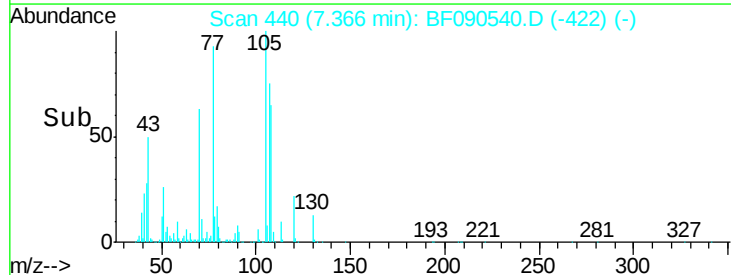
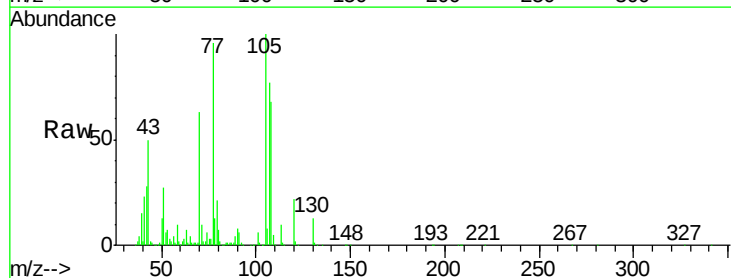
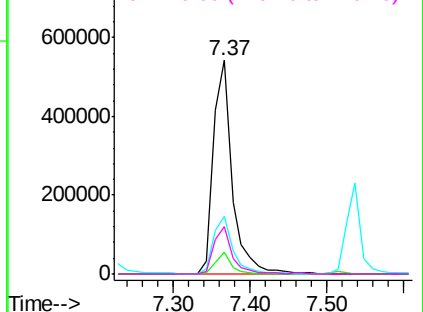
Delta R.T. 0.00 min

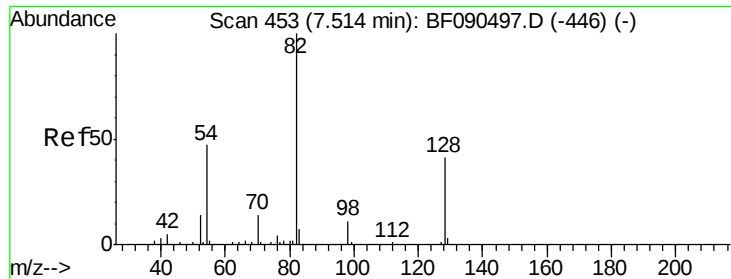
Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Tgt Ion:	105	Resp:	925036
Ion Ratio	Lower	Upper	
105	100		
71	10.5	3.8	5.6#
51	27.2	28.2	42.4#
120	22.3	17.4	26.2

Abundance Ion 105.00 (104.70 to 105.70): E





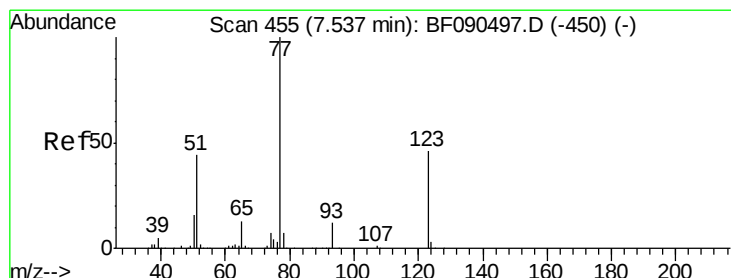
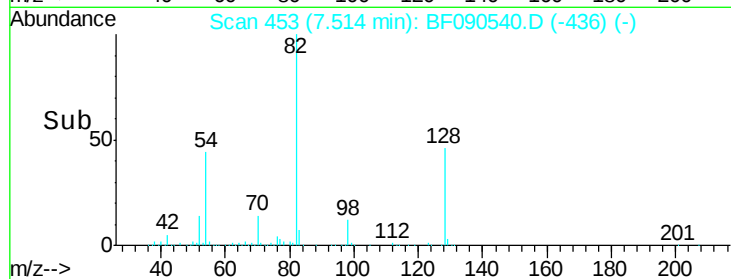
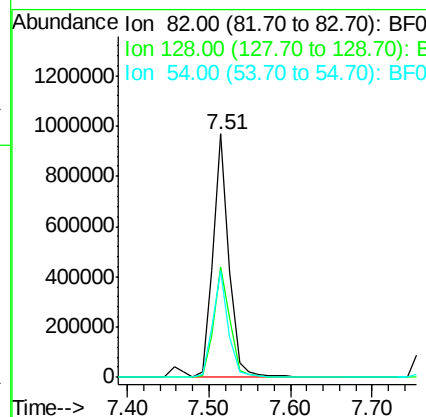
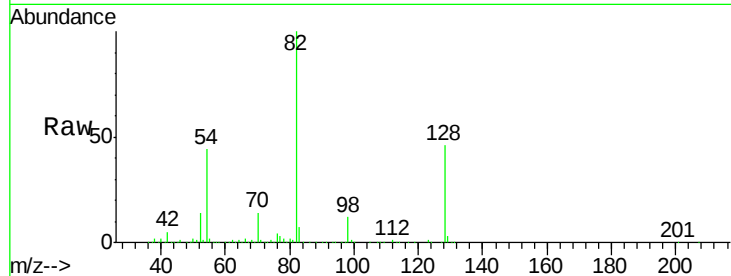
#23
 Nitrobenzene-d5
 Concen: 76.75 ng
 RT: 7.51 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF090540.D
 Acq: 12 Oct 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.6	40.0	60.0
54	44.0	42.6	64.0

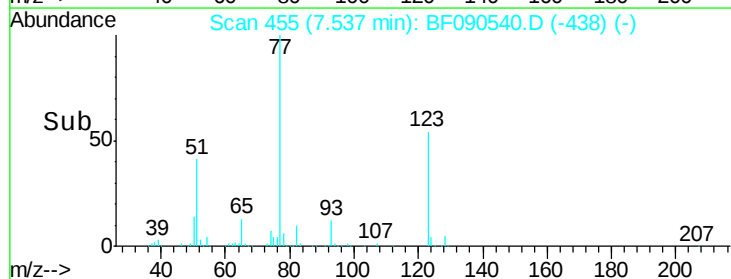
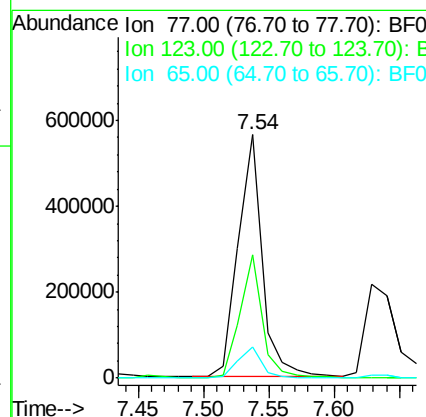
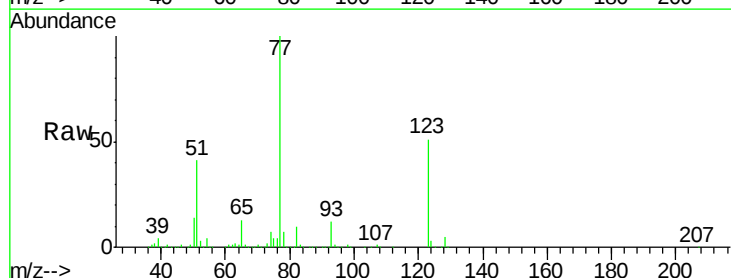
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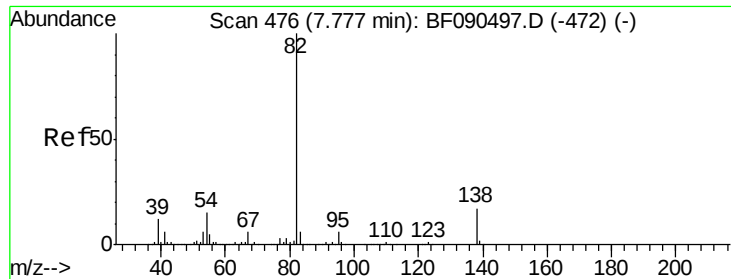
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#24
 Nitrobenzene
 Concen: 38.73 ng
 RT: 7.54 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF090540.D
 Acq: 12 Oct 2016 17:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.8	33.0	49.4#
65	12.9	12.0	18.0





#25

Isophorone

Concen: 40.36 ng

RT: 7.78 min Scan# 476

Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tot Ion: 82 Resp: 1279057

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

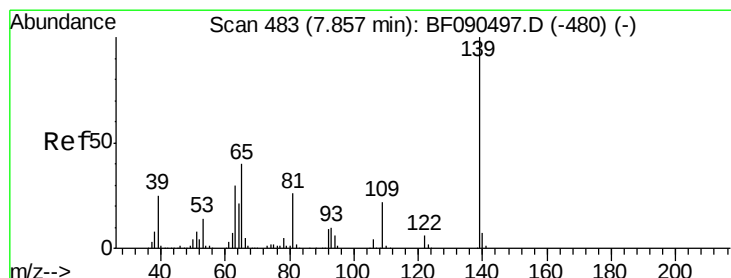
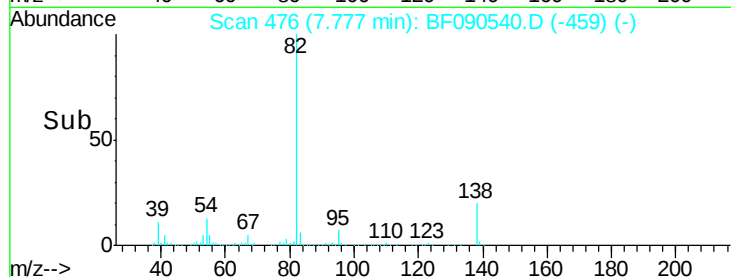
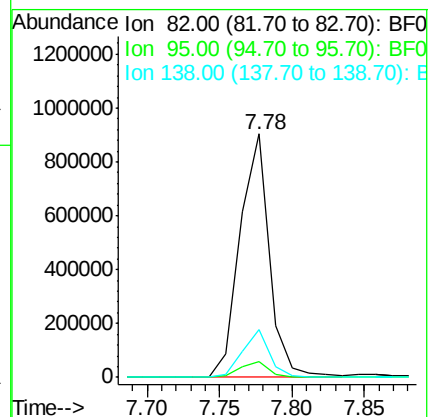
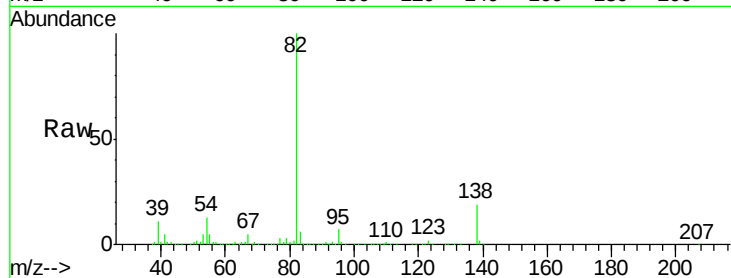
138 19.5 13.0 19.4#

Manual Integrations

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#26

2-Nitrophenol

Concen: 40.72 ng

RT: 7.86 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

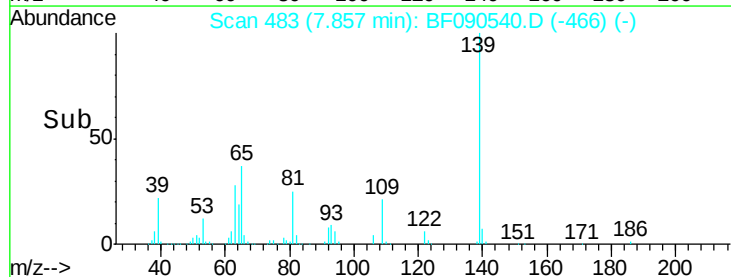
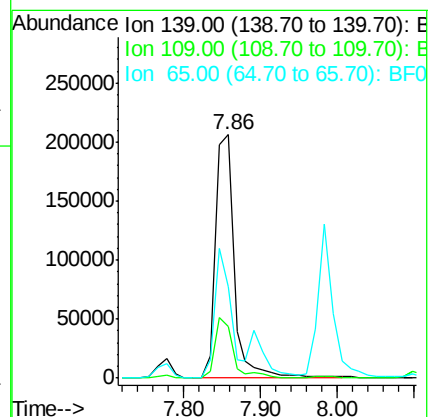
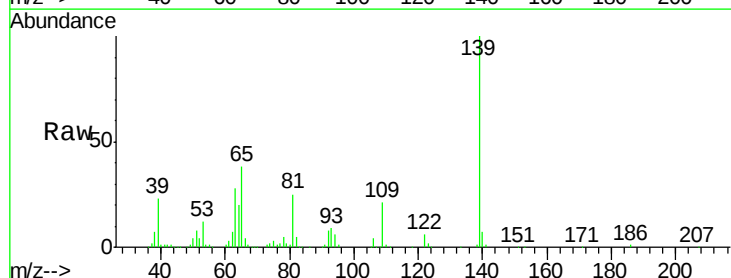
Tgt Ion: 139 Resp: 346956

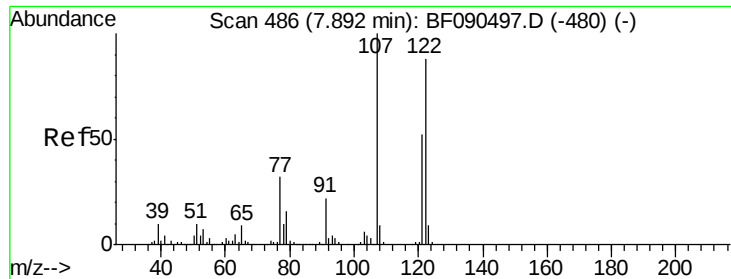
Ion Ratio Lower Upper

139 100

109 21.1 18.9 28.3

65 37.5 31.6 47.4





#27

2,4-Dimethylphenol

Concen: 41.17 ng

RT: 7.89 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

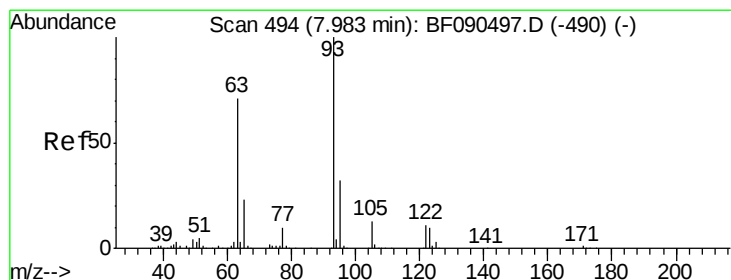
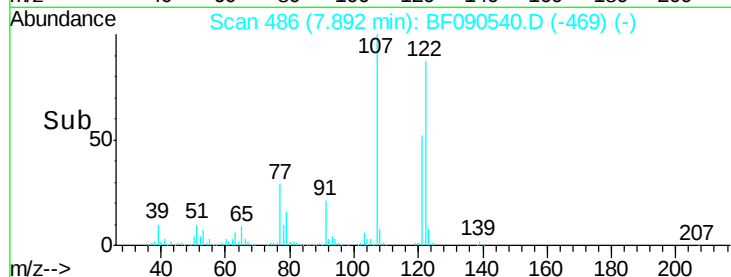
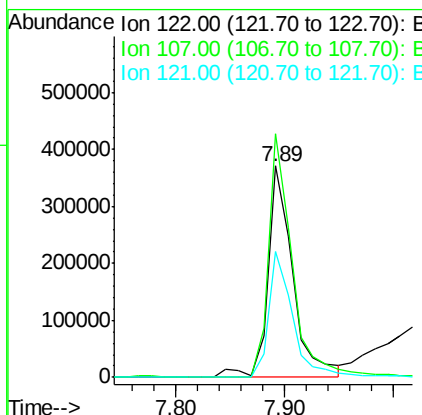
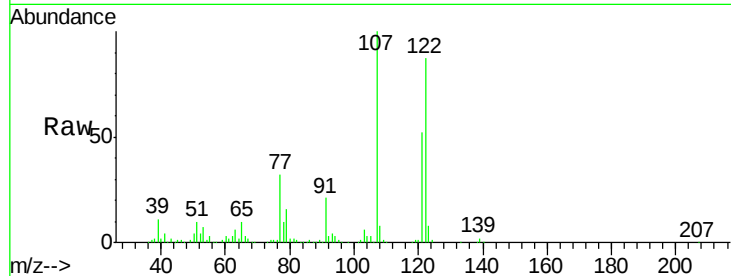
ClientSampled :

WC-1MS

Tot Ion:	122	Resp:	596377
Ion Ratio	Lower	Upper	
122	100		
107	115.3	88.6	132.8
121	59.5	47.5	71.3

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#28

bis(2-Chloroethoxy)methane

Concen: 42.14 ng

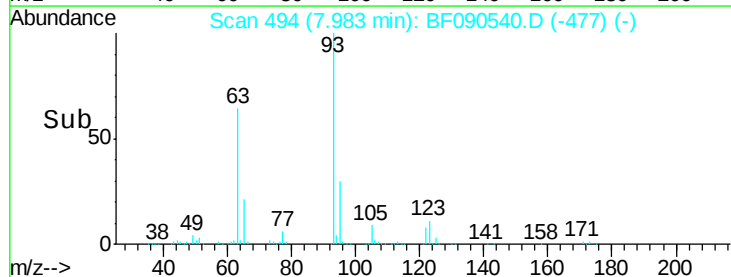
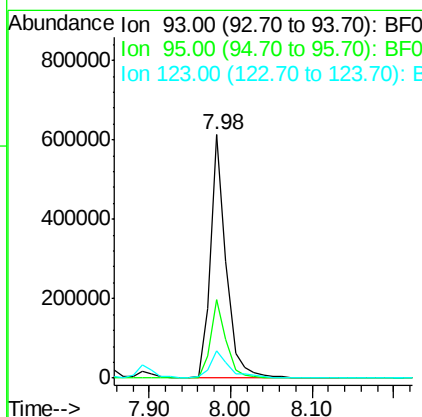
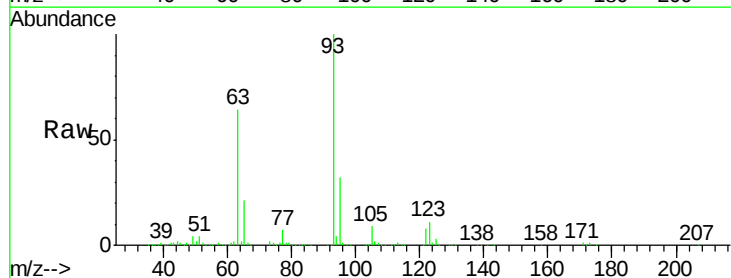
RT: 7.98 min Scan# 494

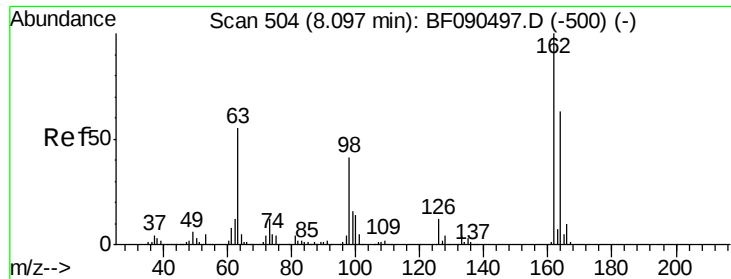
Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Tgt Ion:	93	Resp:	824764
Ion Ratio	Lower	Upper	
93	100		
95	32.2	27.0	40.4
123	11.2	11.1	16.7





#29

2,4-Dichlorophenol

Concen: 44.92 ng

RT: 8.10 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

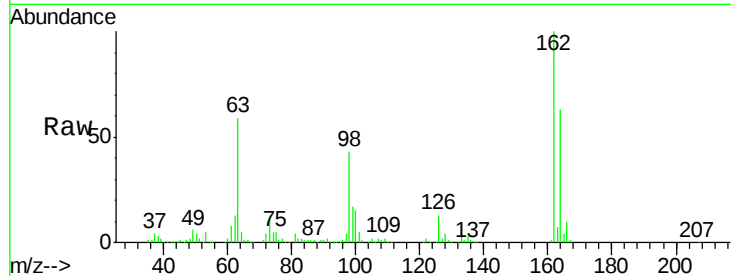
ClientSampleId :

WC-1MS

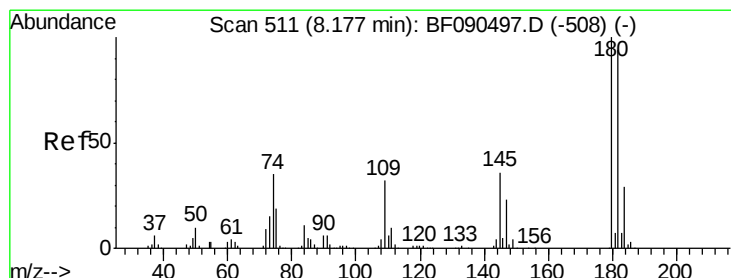
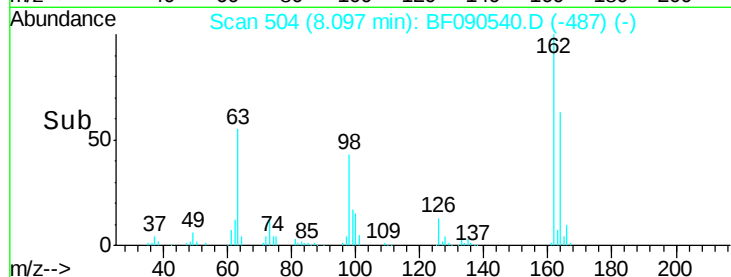
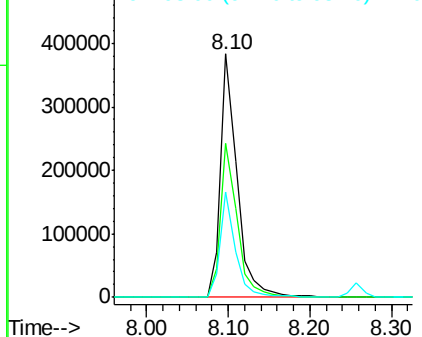
Tot Ion:	162	Resp:	544221
Ion Ratio	Lower	Upper	
162	100		
164	63.2	45.7	85.7
98	43.1	13.3	53.3

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BFO



#30

1,2,4-Trichlorobenzene

Concen: 42.69 ng

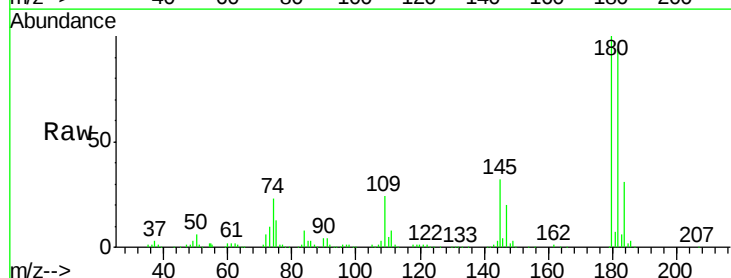
RT: 8.18 min Scan# 511

Delta R.T. -0.00 min

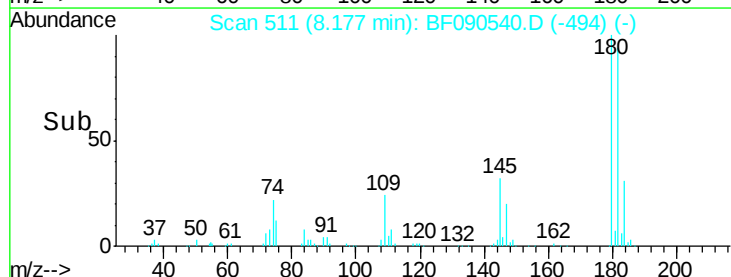
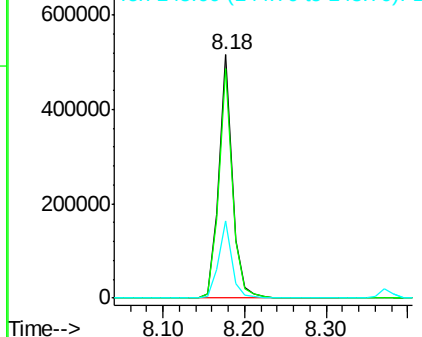
Lab File: BF090540.D

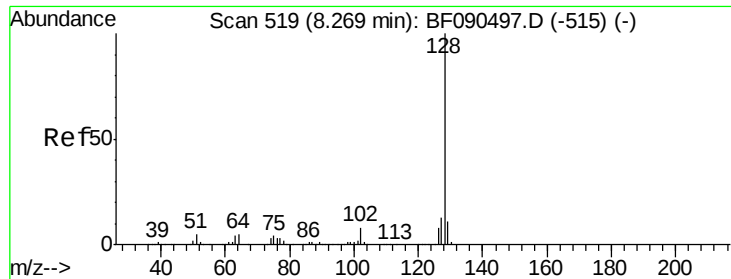
Acq: 12 Oct 2016 17:26

Tgt Ion:	180	Resp:	594083
Ion Ratio	Lower	Upper	
180	100		
182	94.2	75.3	112.9
145	31.5	27.7	41.5



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





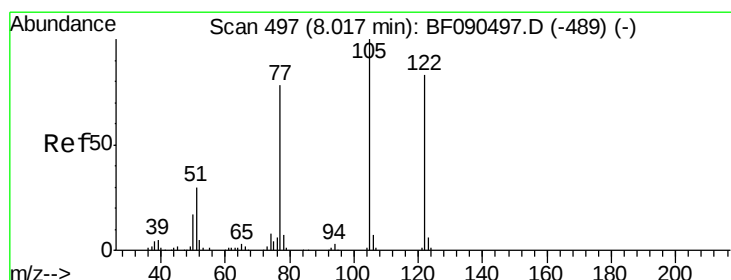
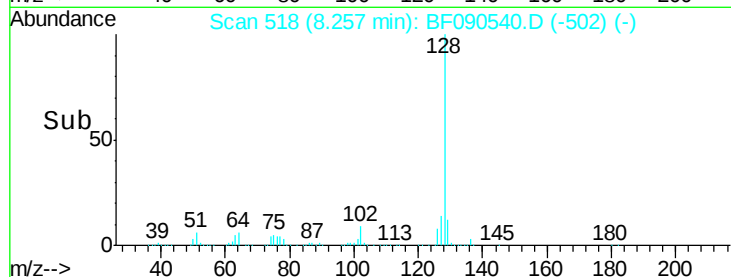
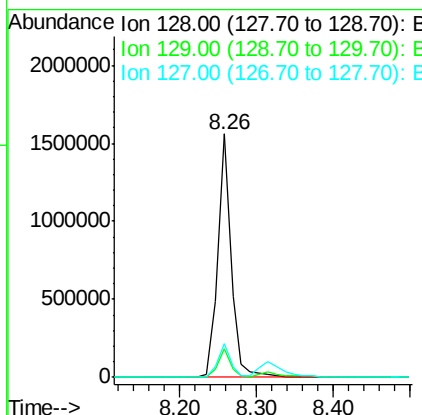
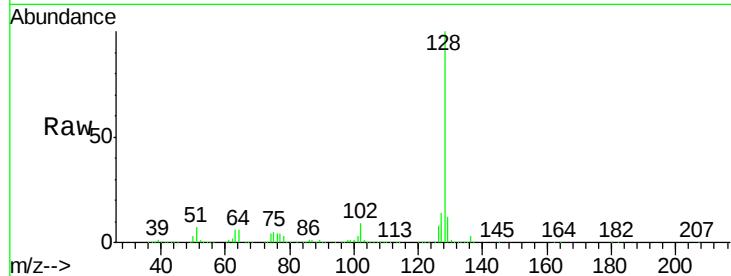
#31
Naphthalene
Concen: 40.59 ng
RT: 8.26 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion:128 Resp: 1909656
Ion Ratio Lower Upper
128 100
129 11.7 9.7 14.5
127 13.6 11.7 17.5

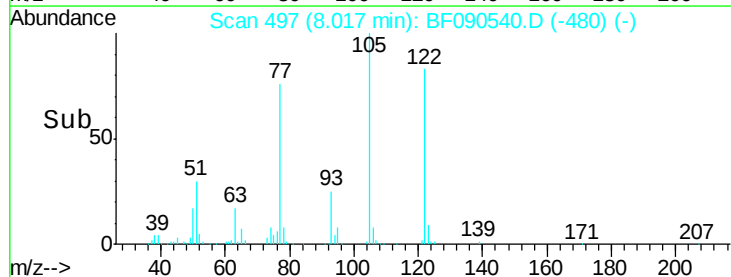
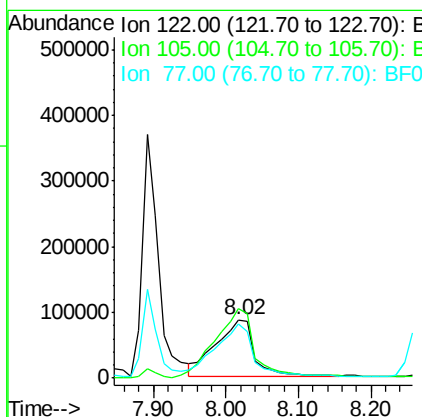
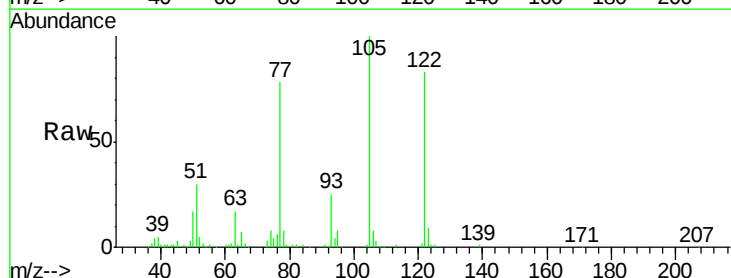
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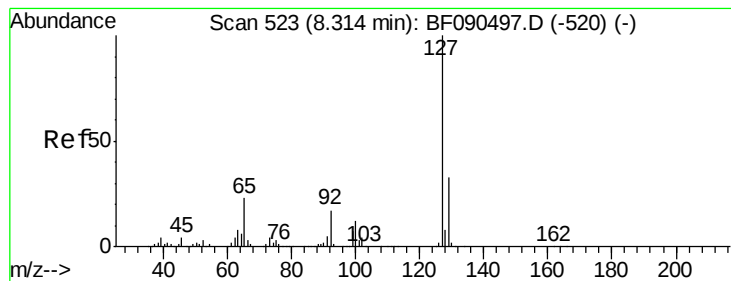
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#32
Benzoic acid
Concen: 28.22 ng
RT: 8.02 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Tgt Ion:122 Resp: 322575
Ion Ratio Lower Upper
122 100
105 120.1 103.9 143.9
77 93.3 74.6 114.6





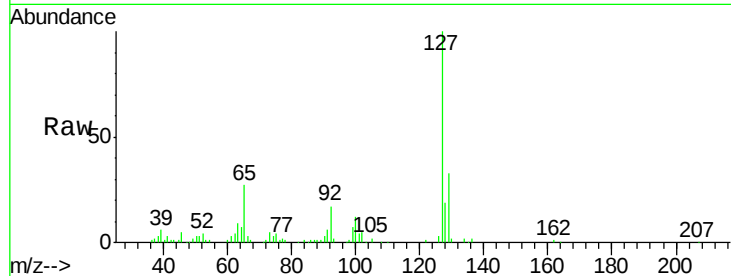
#33
4-Chloroaniline
Concen: 10.85 ng
RT: 8.31 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

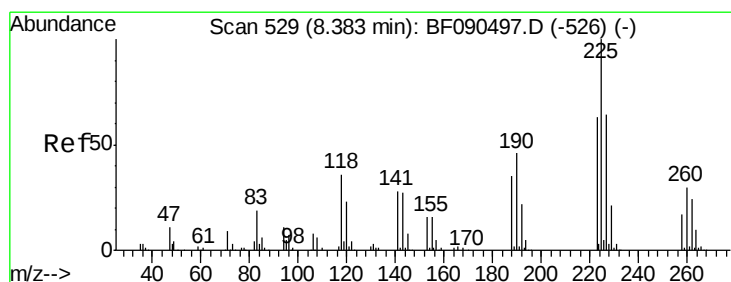
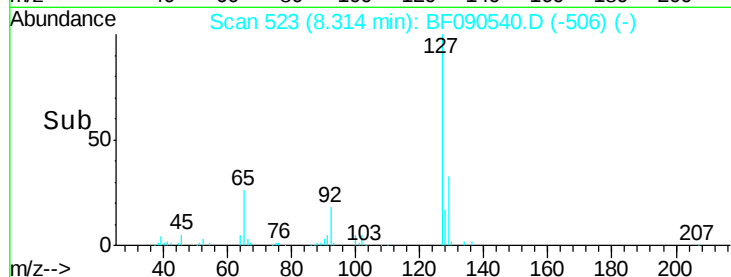
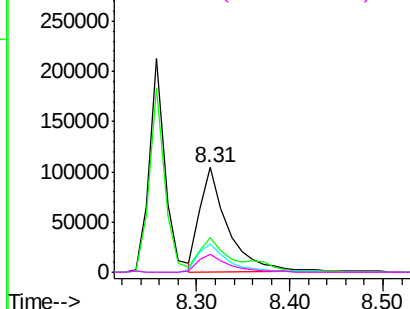
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	26.2	39.4		
65	27.1	32.5	48.7		
92	17.4	17.2	25.8		

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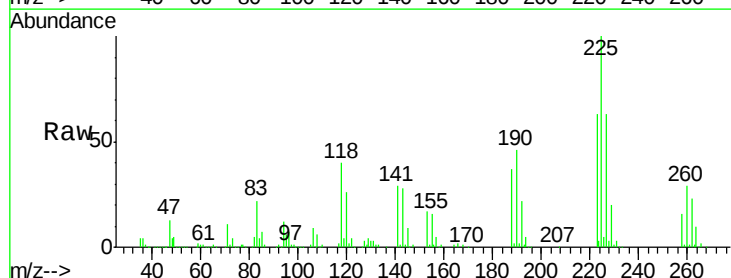


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

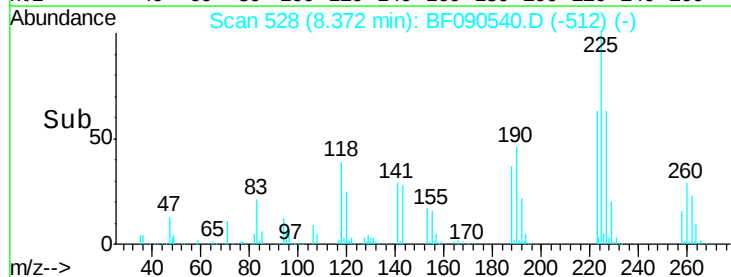
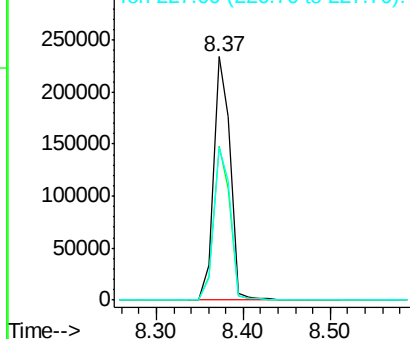


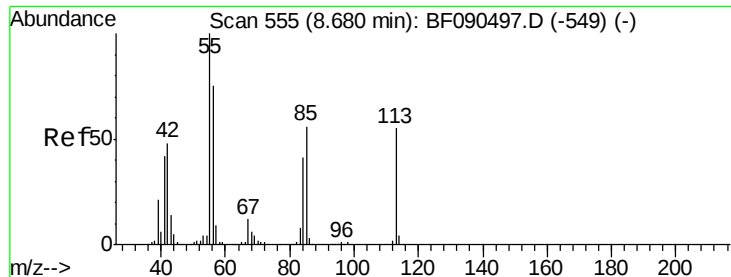
#34
Hexachlorobutadiene
Concen: 40.65 ng
RT: 8.37 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	51.0	76.4		
227	62.9	50.8	76.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.34 ng/ml

RT: 8.68 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

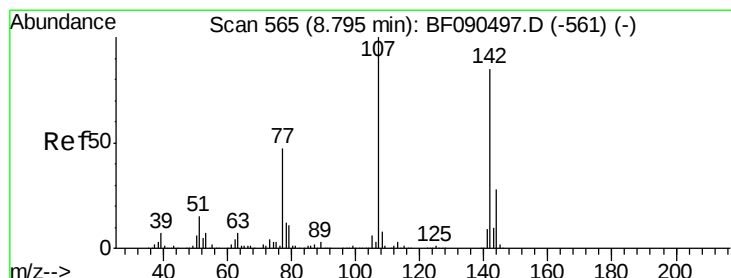
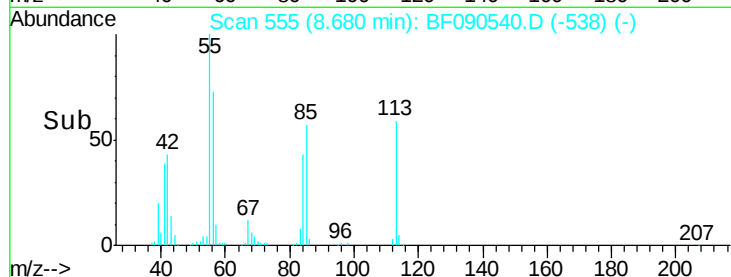
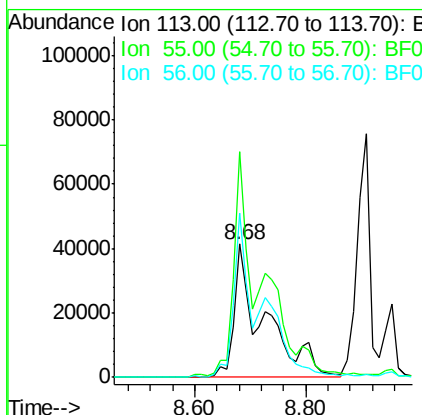
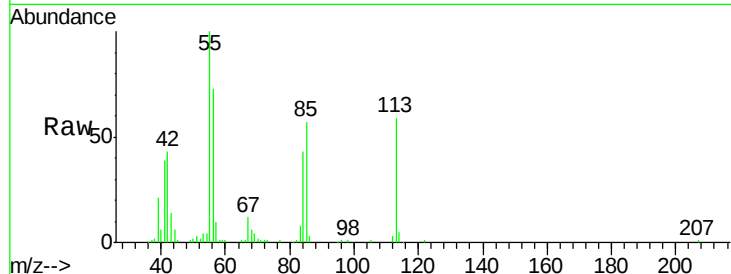
ClientSampled :

WC-1MS

Tot Ion:	113	Resp:	154505
Ion Ratio	Lower	Upper	
113	100		
55	169.1	203.3	243.3#
56	123.7	140.5	180.5#

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#36

4-Chloro-3-methylphenol

Concen: 41.64 ng/ml

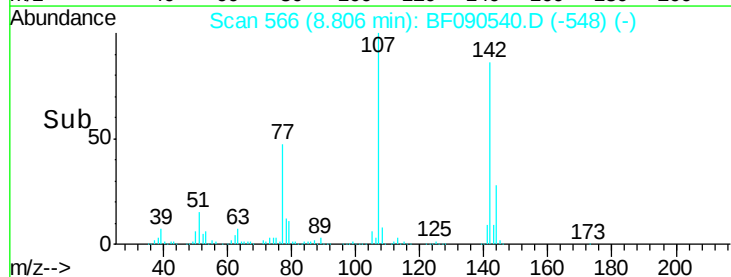
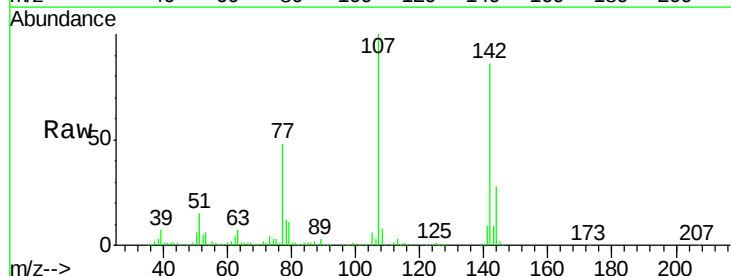
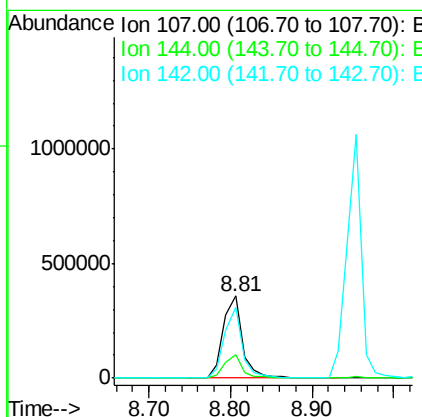
RT: 8.81 min Scan# 566

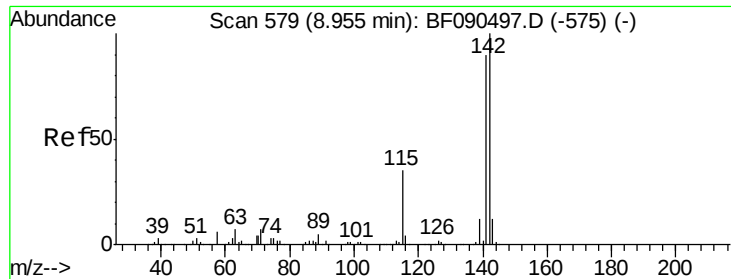
Delta R.T. 0.01 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Tgt Ion:	107	Resp:	589140
Ion Ratio	Lower	Upper	
107	100		
144	28.3	19.8	29.8
142	86.2	60.7	91.1





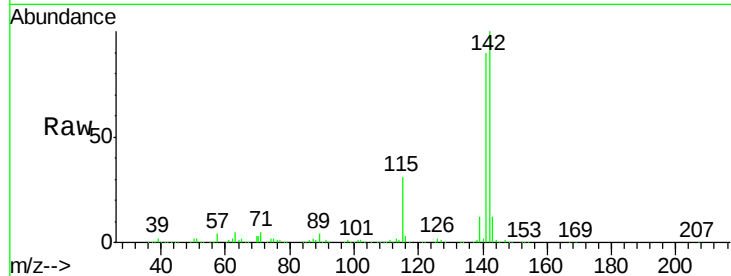
#37
2-Methylnaphthalene
Concen: 41.29 ng
RT: 8.95 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

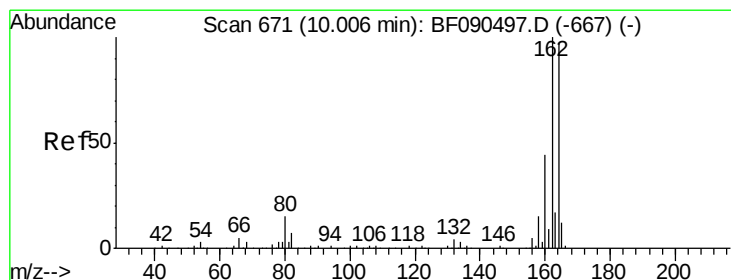
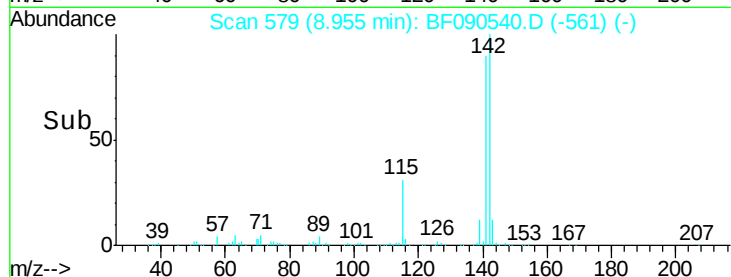
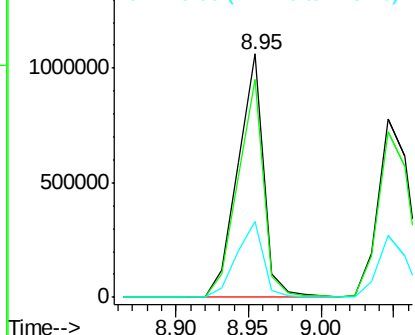
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.8	107.8
115	31.2	28.8	43.2

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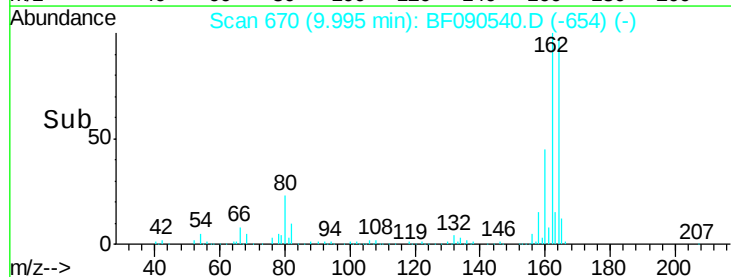
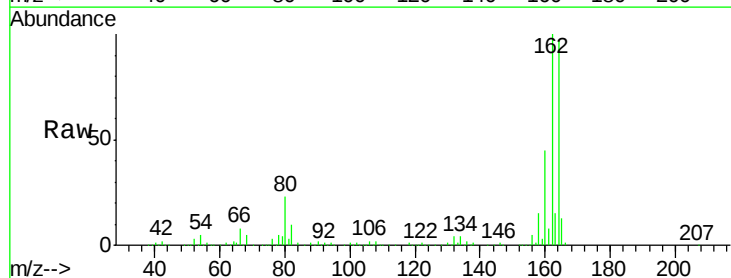
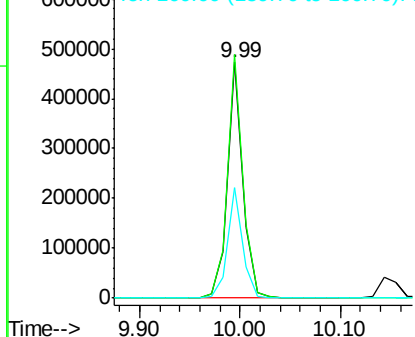
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

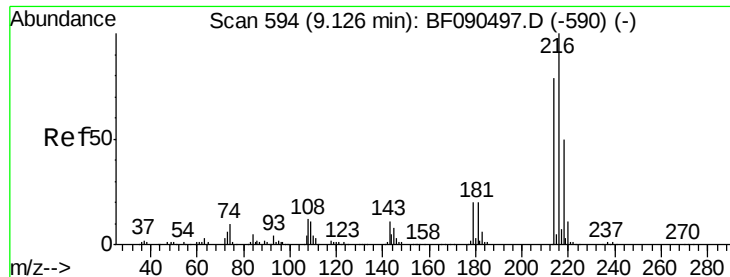


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.1	120.1
160	46.7	36.3	54.5

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.44 ng

RT: 9.11 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

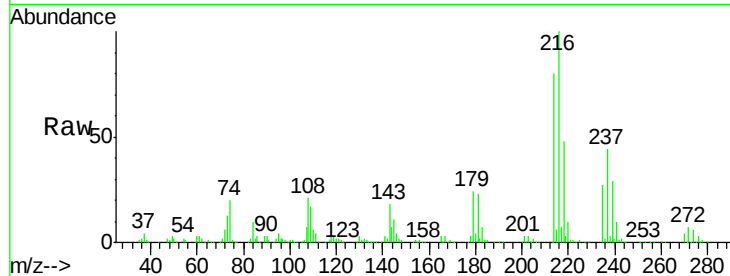
ClientSampled :

WC-1MS

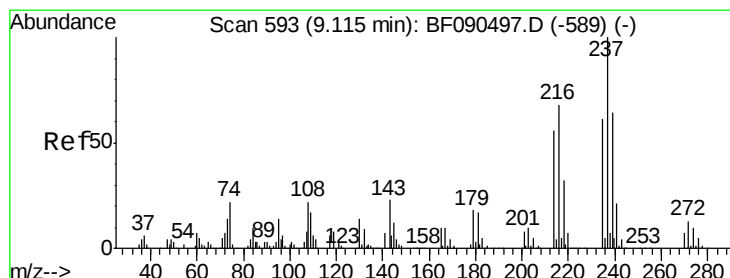
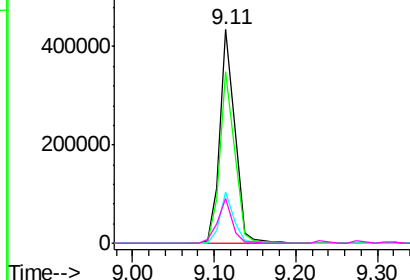
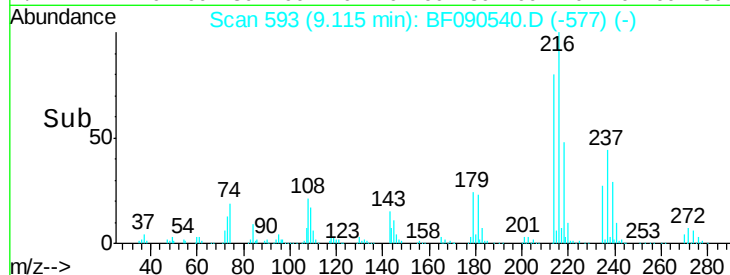
Tot Ion:	216	Resp:	553827
Ion Ratio		Lower	Upper
216	100		
214	79.6	64.2	96.2
179	22.1	18.0	27.0
108	20.7	15.2	22.8

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



#40

Hexachlorocyclopentadiene

Concen: 91.46 ng

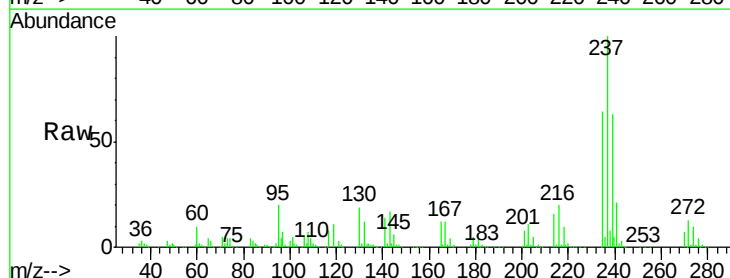
RT: 9.10 min Scan# 592

Delta R.T. -0.01 min

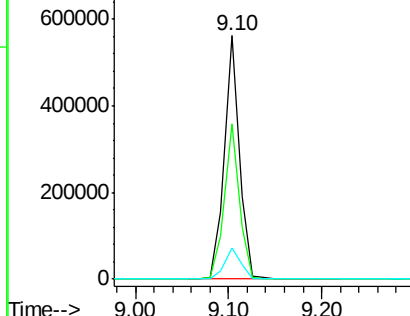
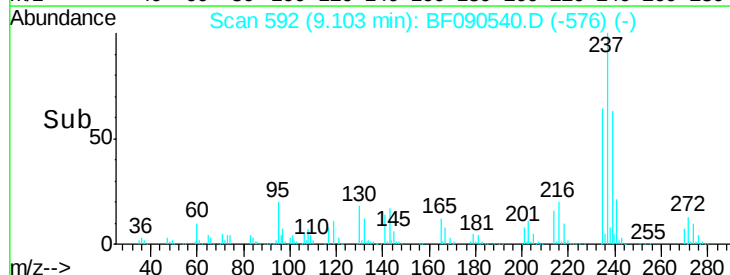
Lab File: BF090540.D

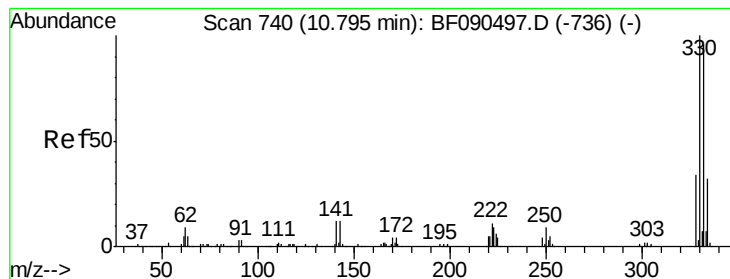
Acq: 12 Oct 2016 17:26

Tgt Ion:	237	Resp:	637548
Ion Ratio		Lower	Upper
237	100		
235	63.7	43.6	83.6
272	13.0	0.0	32.7



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





#41

2,4,6-Tribromophenol

Concen: 139.73 ng

RT: 10.79 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

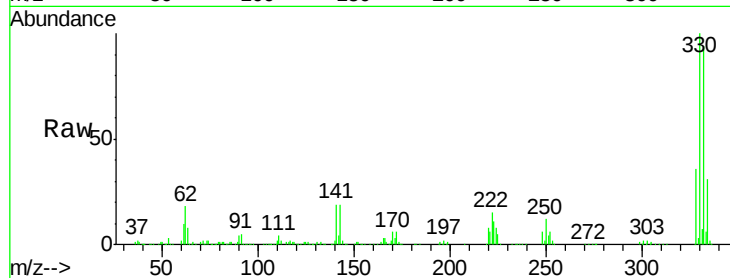
ClientSampled :

WC-1MS

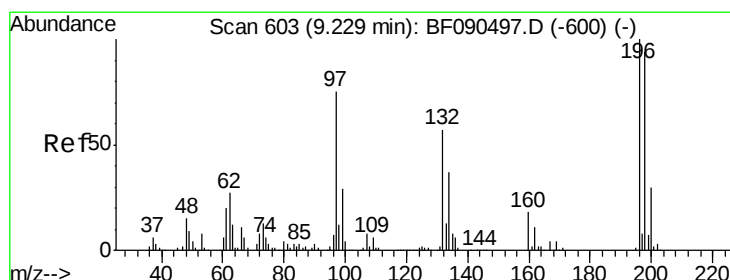
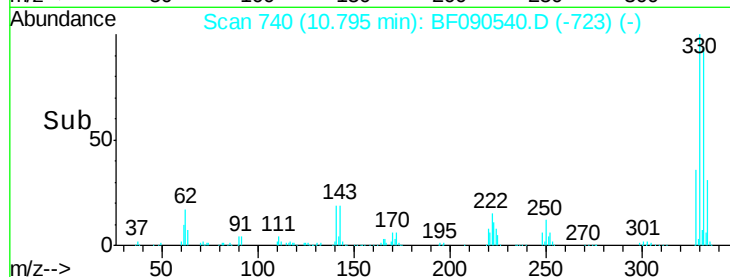
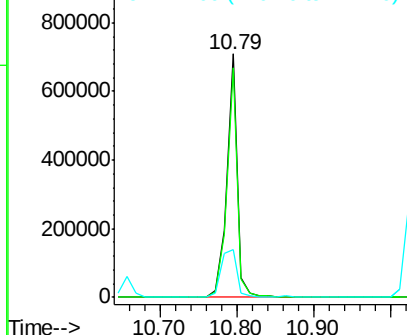
Tot Ion:	330	Resp:	694785
Ion Ratio	Lower	Upper	
330	100		
332	94.3	75.4	113.0
141	29.6	26.9	40.3

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 39.46 ng

RT: 9.23 min Scan# 603

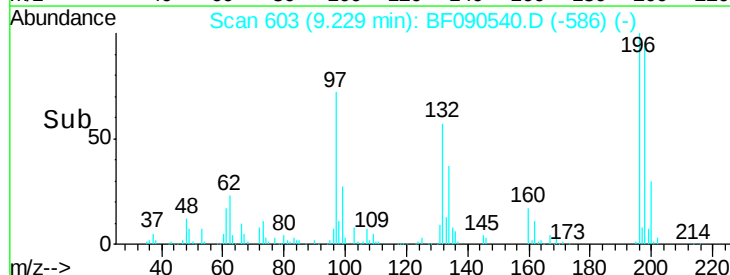
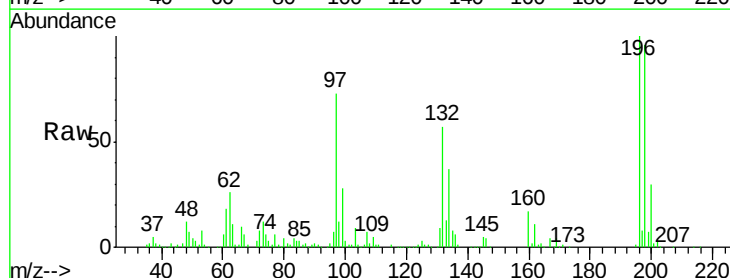
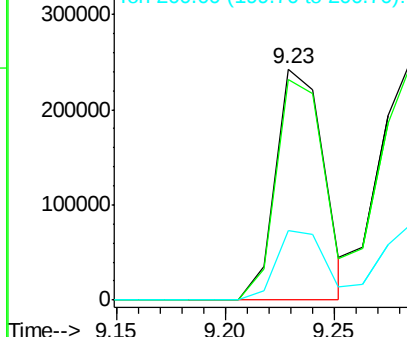
Delta R.T. -0.00 min

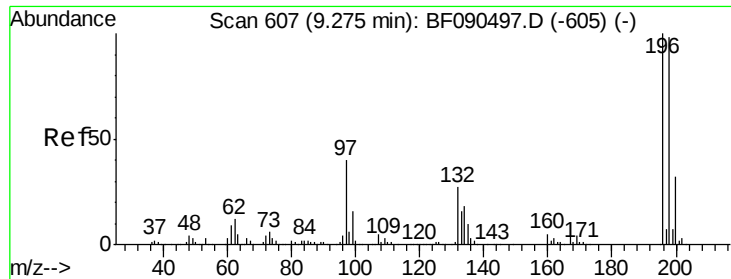
Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Tgt Ion:	196	Resp:	373598
Ion Ratio	Lower	Upper	
196	100		
198	95.7	78.9	118.3
200	29.9	25.4	38.2

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





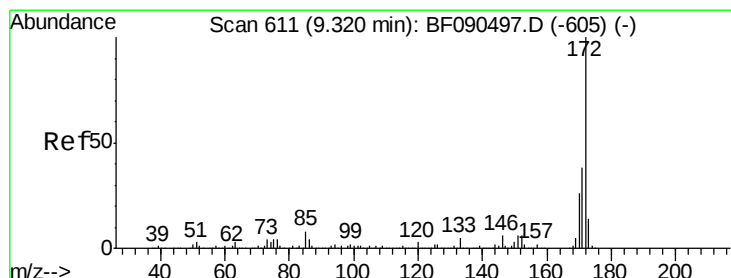
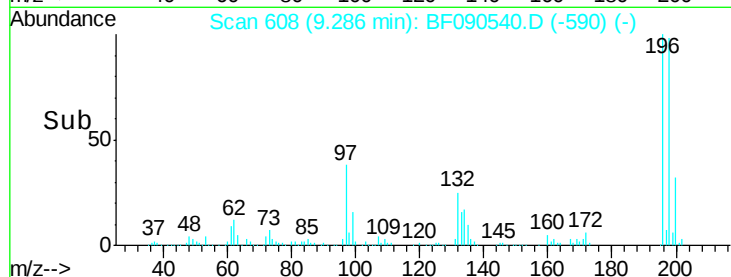
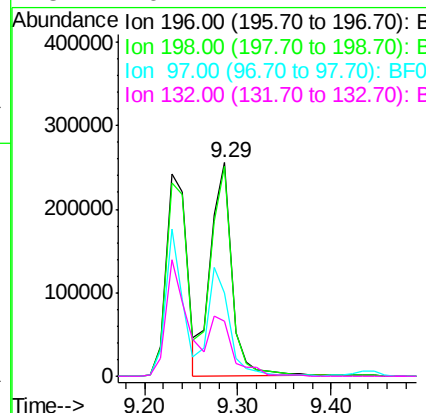
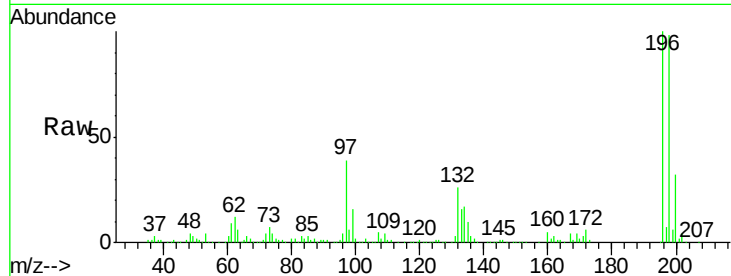
#43
 2,4,5-Trichlorophenol
 Concen: 43.34 ng
 RT: 9.29 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF090540.D
 Acq: 12 Oct 2016 17:26

Instrument :
 BNA_F
 ClientSampled :
 WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	406083		
198	98.3		78.1	117.1
97	39.0		48.1	72.1#
132	26.1		27.4	41.2#

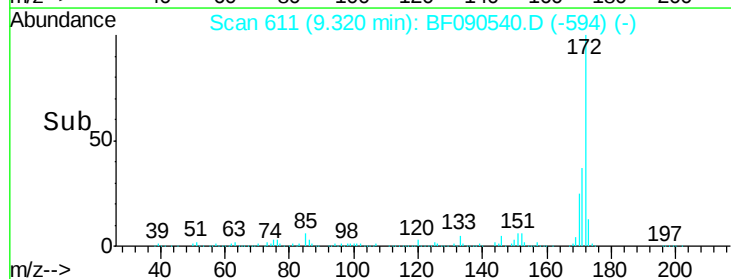
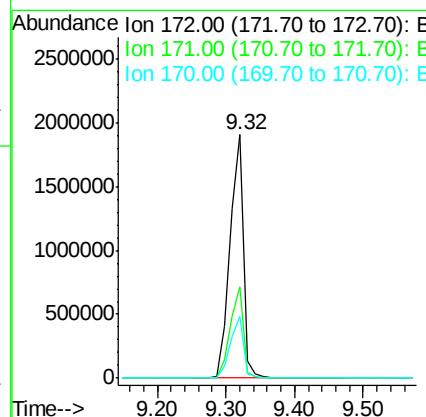
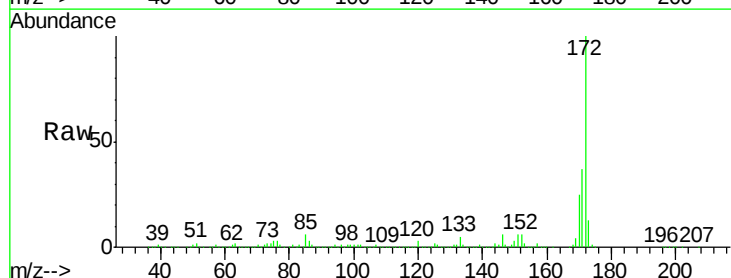
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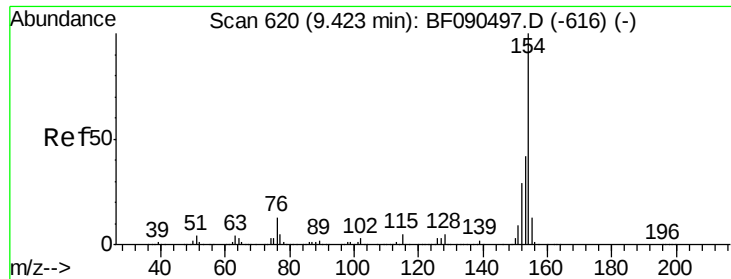
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#44
 2-Fluorobiphenyl
 Concen: 88.61 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090540.D
 Acq: 12 Oct 2016 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2645083		
171	37.3		31.8	47.8
170	25.2		21.7	32.5





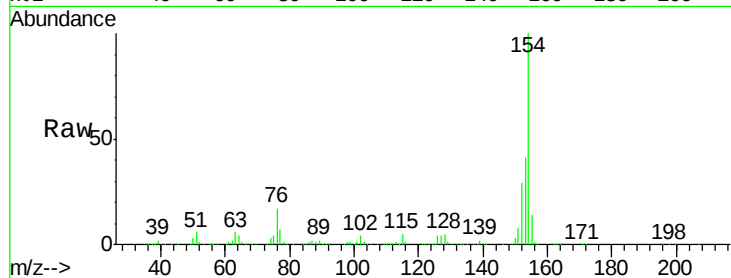
#45
1,1'-Biphenyl
Concen: 39.12 ng
RT: 9.41 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Instrument :
BNA_F
ClientSampled :
WC-1MS

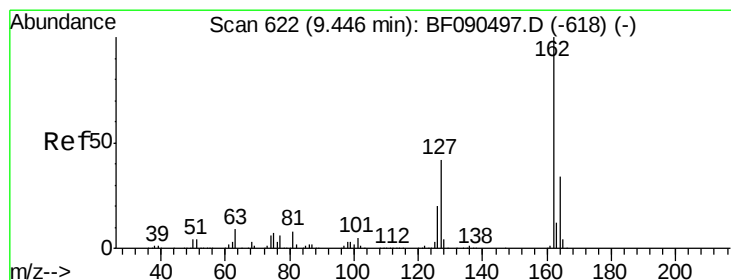
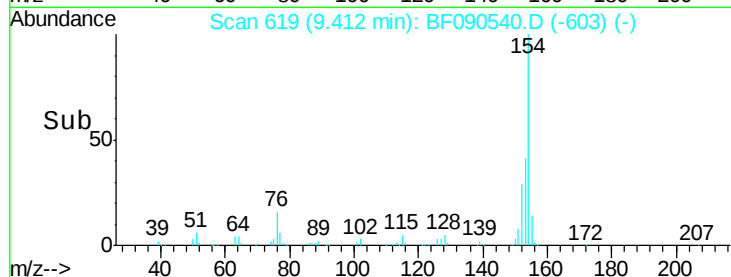
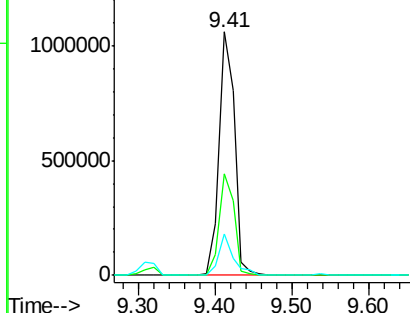
Tot Ion:154 Resp: 1498806
Ion Ratio Lower Upper
154 100
153 41.5 23.8 63.8
76 16.8 0.0 35.8

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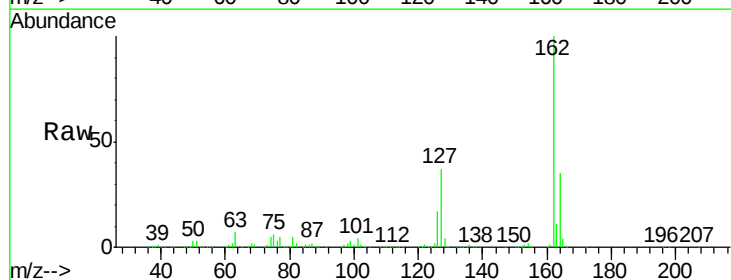


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

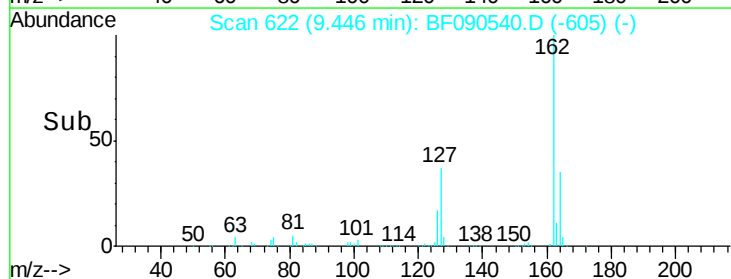
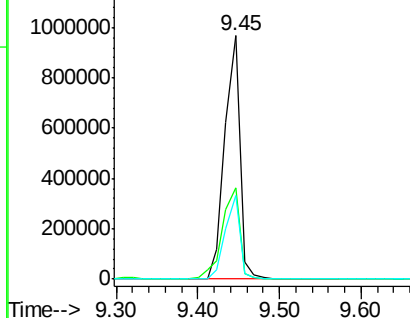


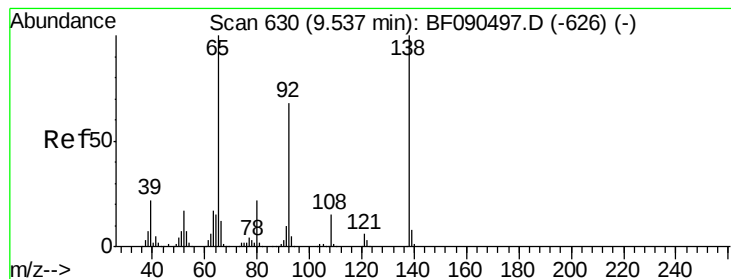
#46
2-Chloronaphthalene
Concen: 43.71 ng
RT: 9.45 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Tgt Ion:162 Resp: 1246115
Ion Ratio Lower Upper
162 100
127 37.4 35.6 53.4
164 34.5 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





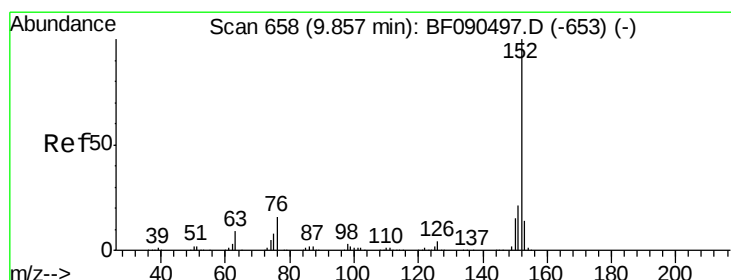
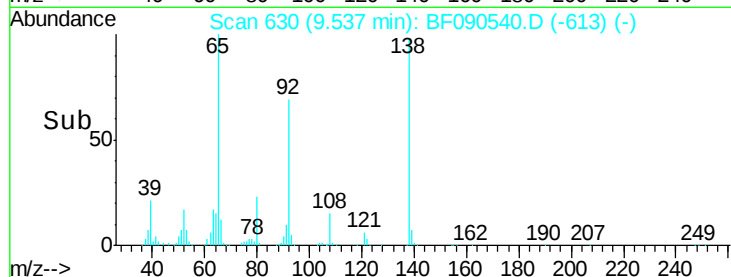
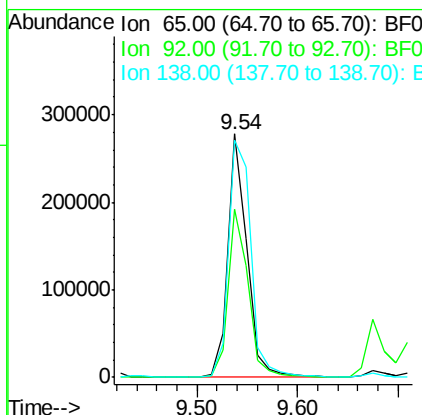
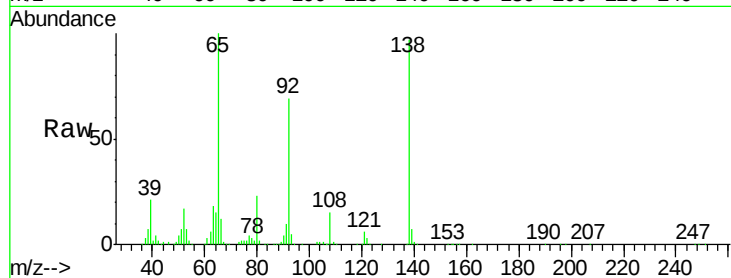
#47
2-Nitroaniline
Concen: 36.30 ng
RT: 9.54 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.9	51.7	77.5
138	97.4	79.0	118.4

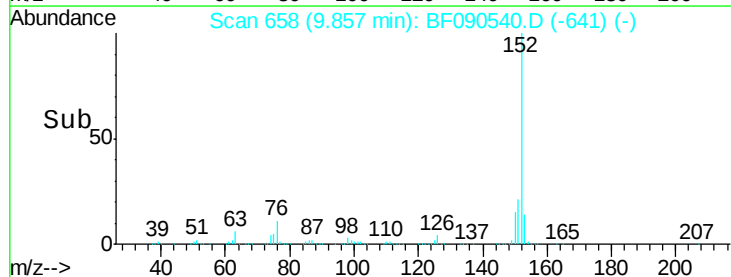
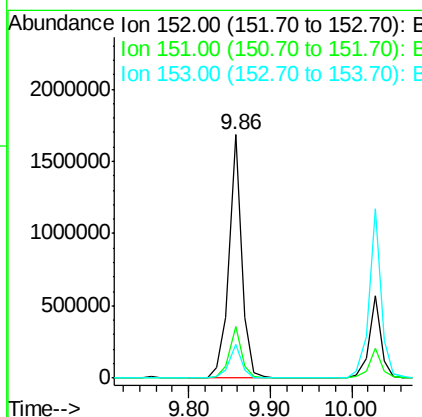
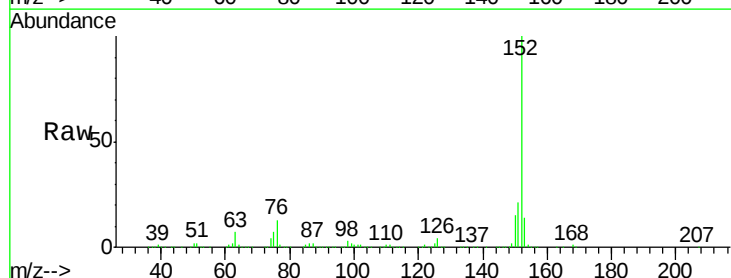
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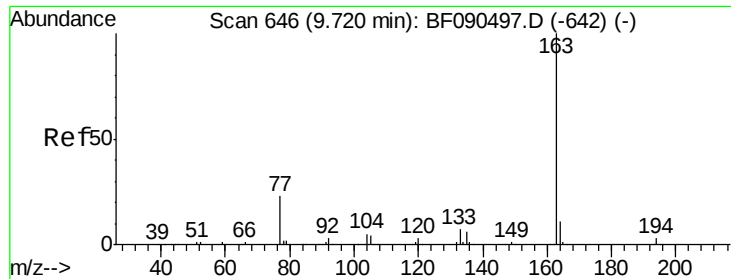
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#48
Acenaphthylene
Concen: 39.77 ng
RT: 9.86 min Scan# 658
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.4	26.0
153	14.0	11.6	17.4





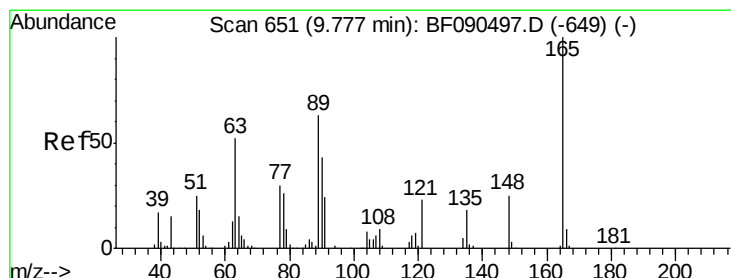
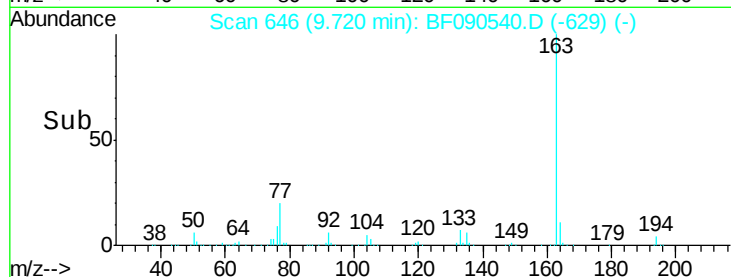
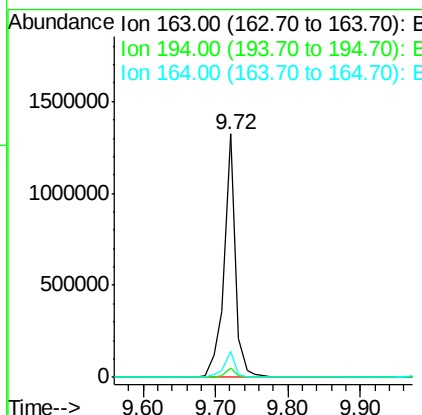
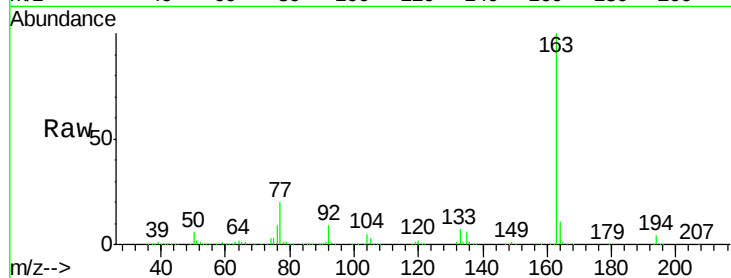
#49
Dimethylphthalate
Concen: 42.72 ng
RT: 9.72 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Instrument :
BNA_F
ClientSampled :
WC-1MS

Tot Ion:163 Resp: 1441133
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.8 9.0 13.4

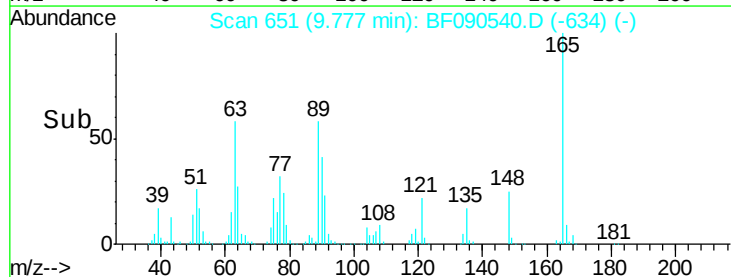
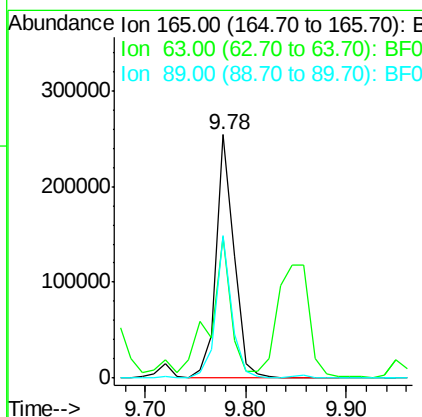
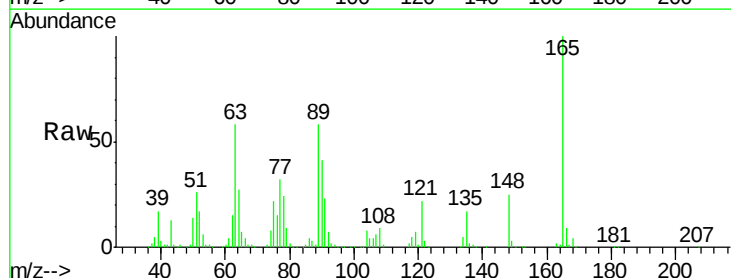
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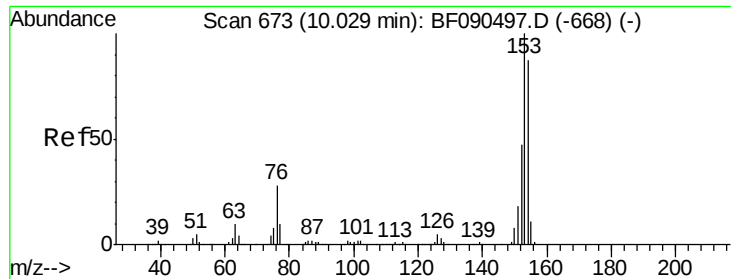
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#50
2,6-Dinitrotoluene
Concen: 42.06 ng
RT: 9.78 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Tgt Ion:165 Resp: 313301
Ion Ratio Lower Upper
165 100
63 58.3 58.0 87.0
89 58.3 51.2 76.8





#51

Acenaphthene

Concen: 41.79 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tot Ion:154 Resp: 1287953

Ion Ratio Lower Upper

154 100

153 112.3 88.6 133.0

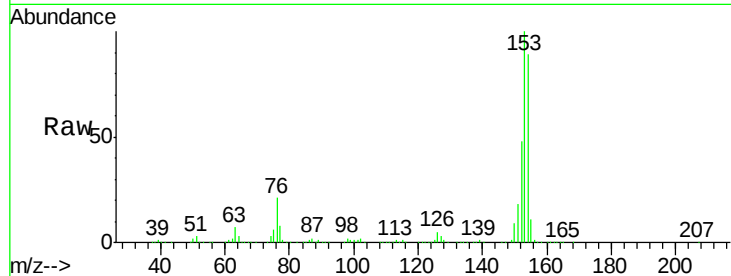
152 54.1 42.6 64.0

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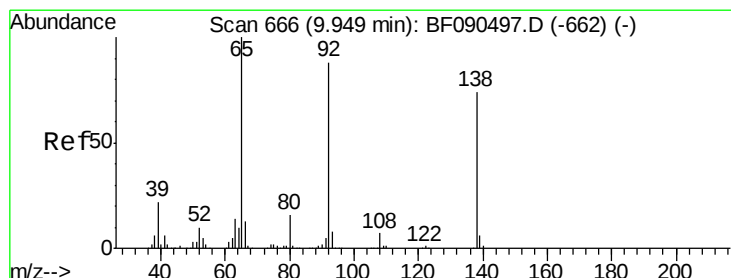
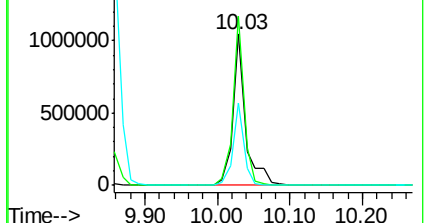
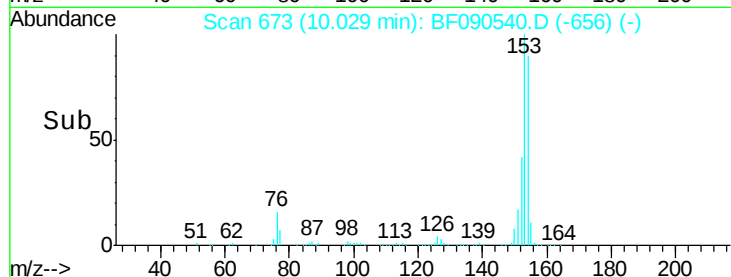
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.87 ng

RT: 9.95 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

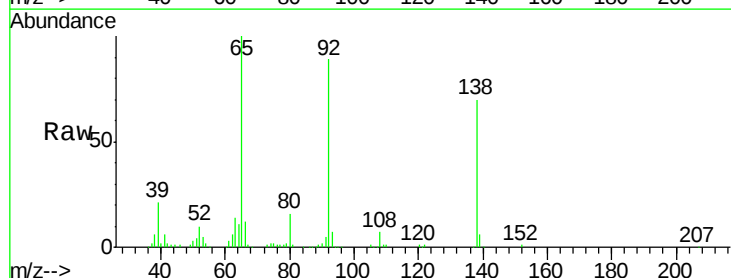
Tgt Ion:138 Resp: 146640

Ion Ratio Lower Upper

138 100

108 10.5 9.7 14.5

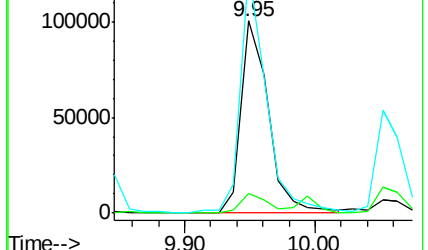
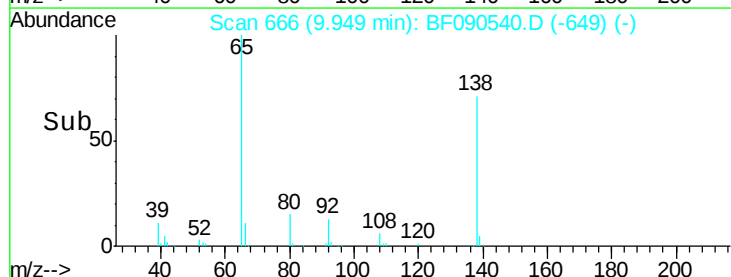
92 126.7 97.1 145.7

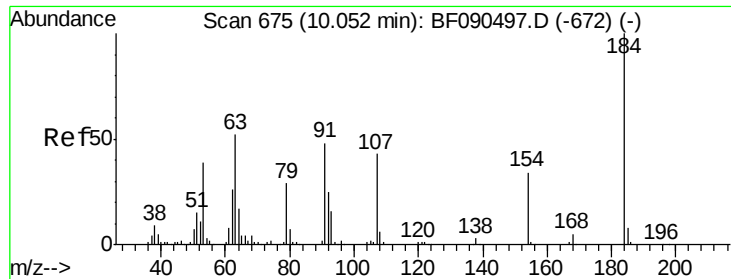


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





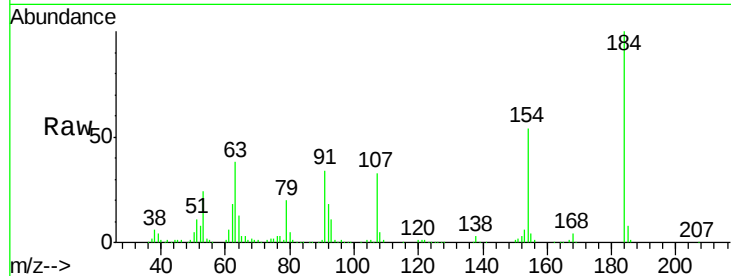
#53
2,4-Dinitrophenol
Concen: 78.64 ng
RT: 10.06 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

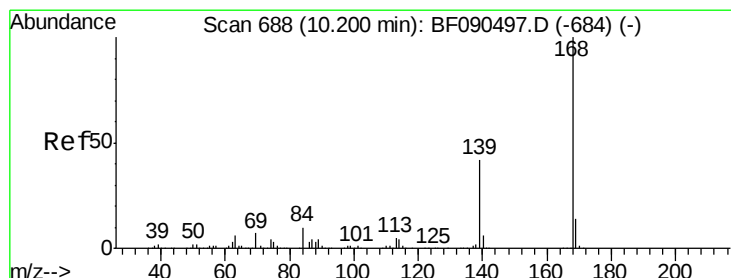
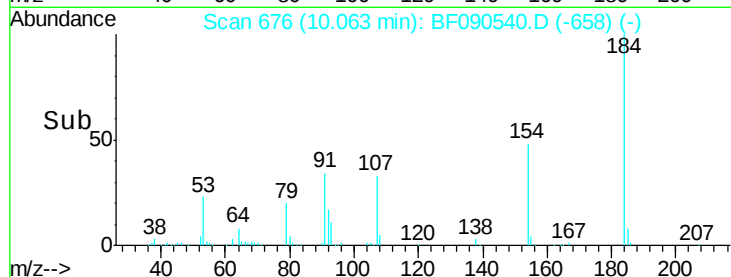
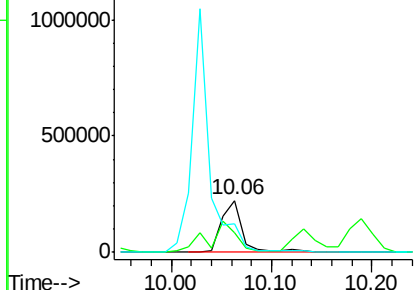
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	37.8	41.9	62.9#	
154	54.3	48.9	73.3	

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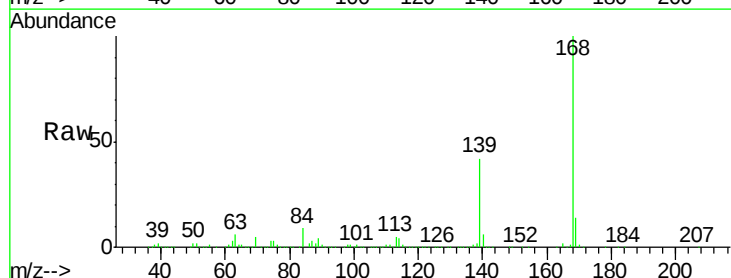


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

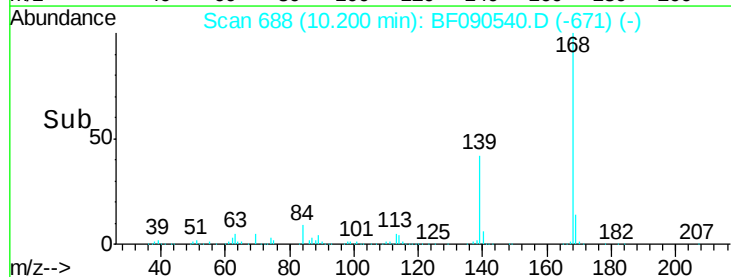
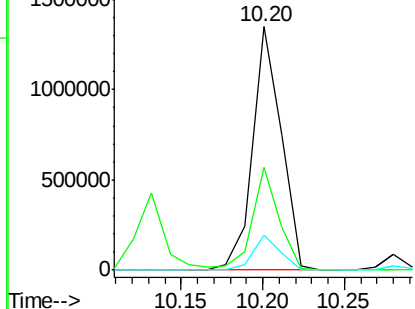


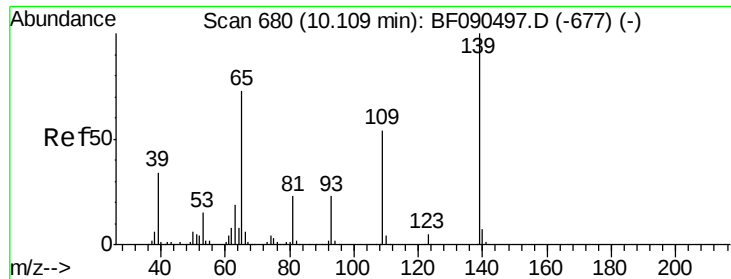
#54
Dibenzofuran
Concen: 40.00 ng
RT: 10.20 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.1	29.6	44.4	
169	14.2	11.3	16.9	



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





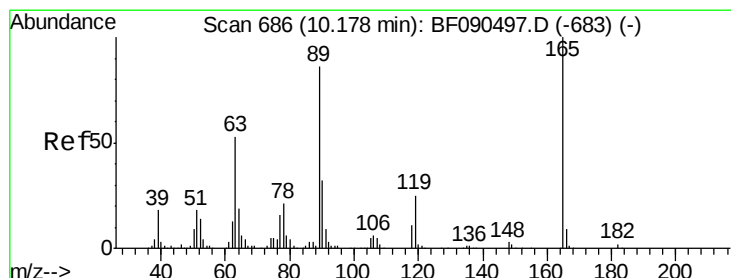
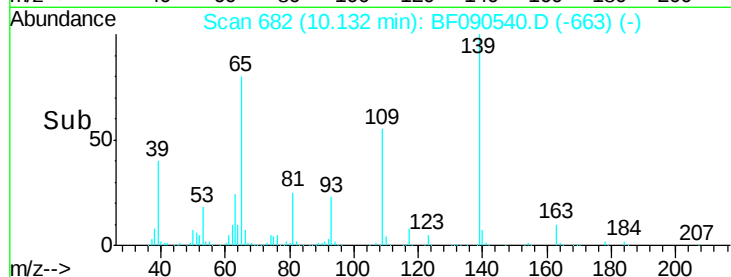
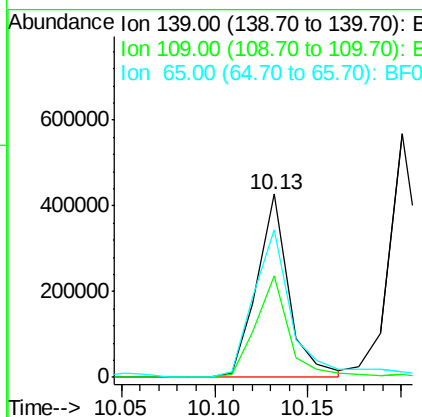
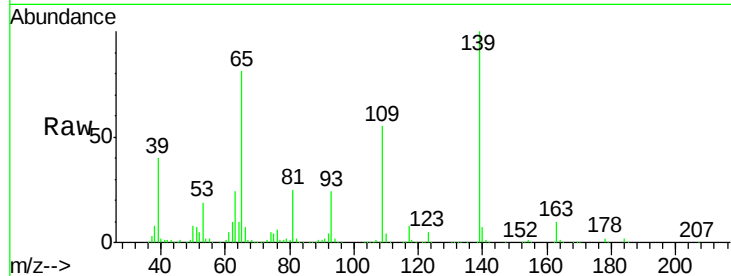
#55
4-Nitrophenol
Concen: 71.46 ng
RT: 10.13 min Scan# 682
Delta R.T. 0.02 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	513202		
109	55.5	43.6	83.6	
65	80.7	87.5	127.5#	

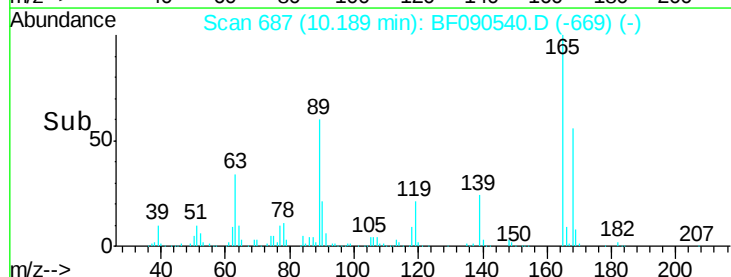
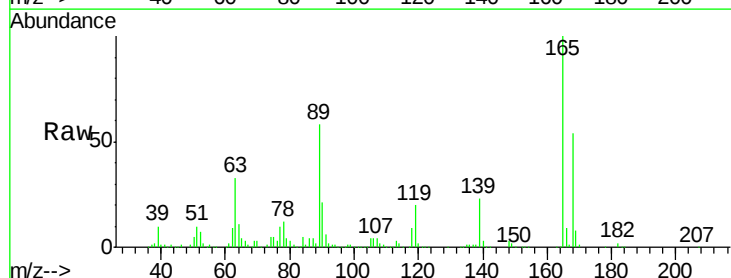
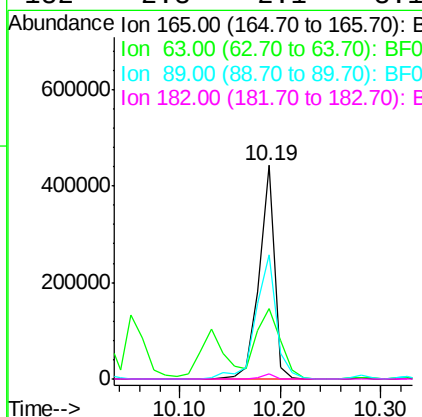
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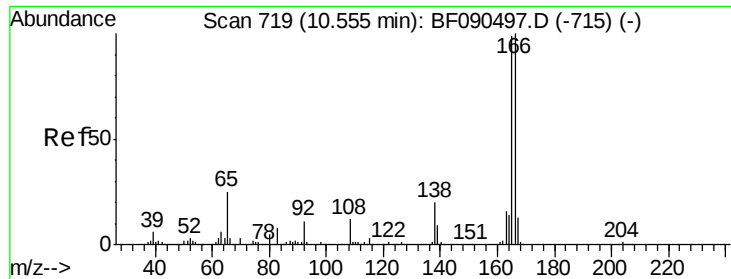
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#56
2,4-Dinitrotoluene
Concen: 47.68 ng
RT: 10.19 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	469783		
63	33.3	17.8	26.6#	
89	58.3	33.2	49.8#	
182	2.3	2.1	3.1	





#57

Fluorene

Concen: 39.00 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tot Ion:166 Resp: 1305664

Ion Ratio Lower Upper

166 100

165 99.4 79.2 118.8

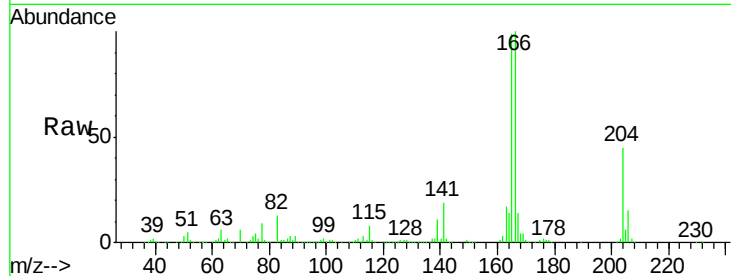
167 14.4 11.1 16.7

Manual Integrations

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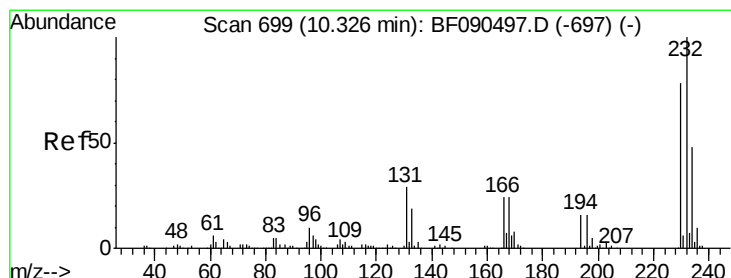
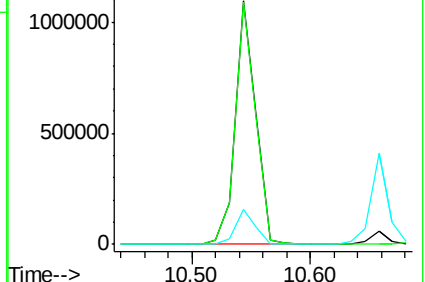
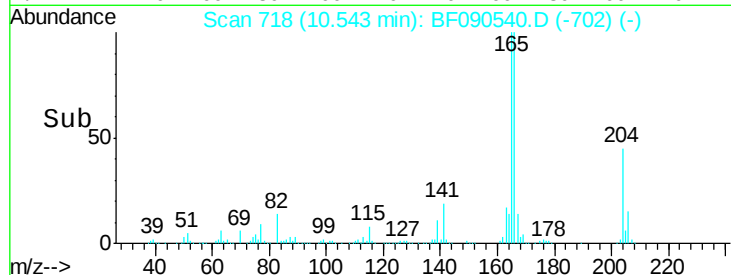
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.03 ng

RT: 10.33 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Tgt Ion:232 Resp: 351935

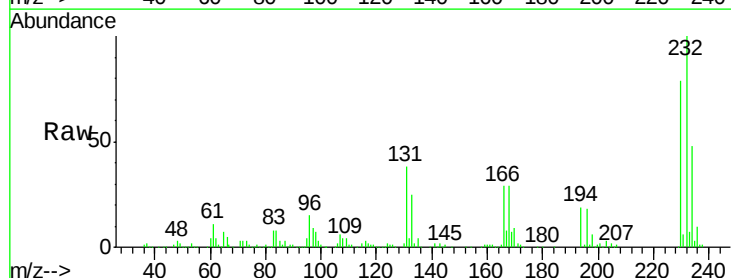
Ion Ratio Lower Upper

232 100

131 42.8 34.5 51.7

130 1.9 1.6 2.4

166 30.1 23.8 35.8

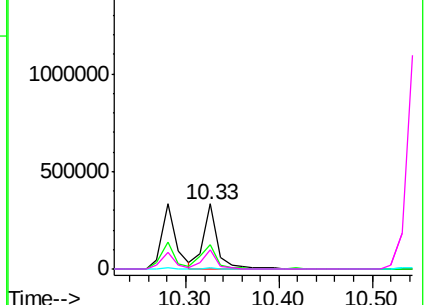
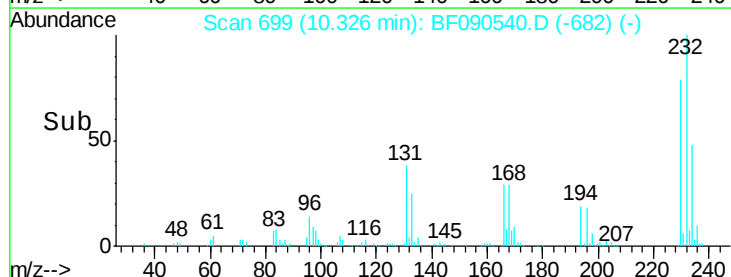


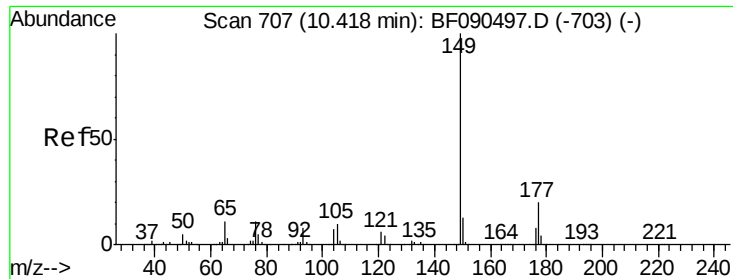
Abundance Ion 232.00 (231.70 to 232.70): E

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





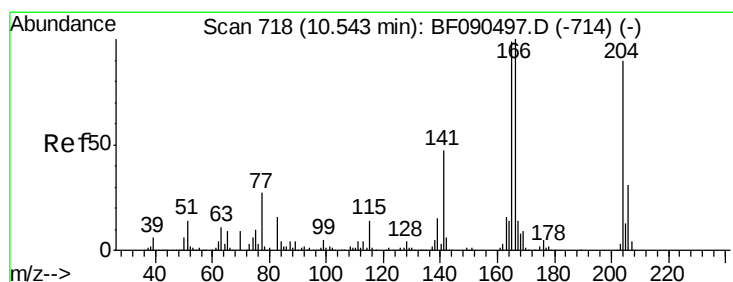
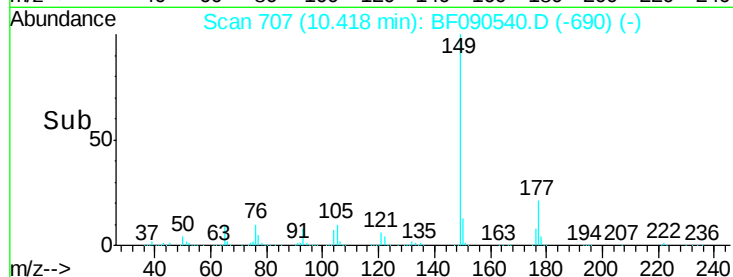
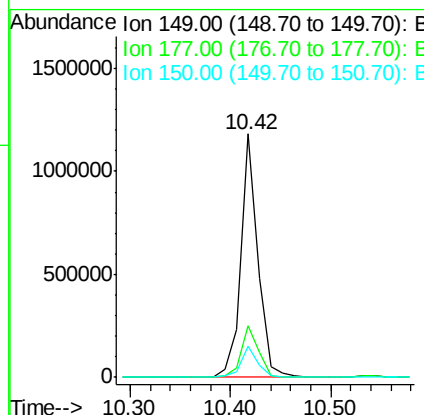
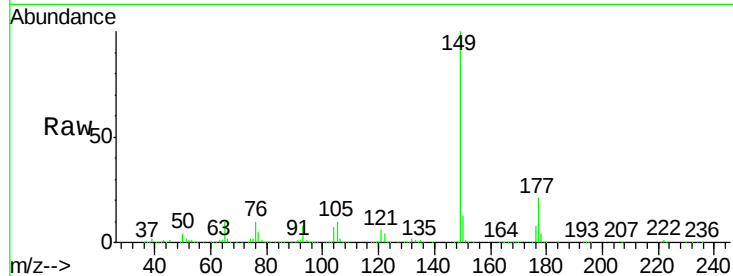
#59
Diethylphthalate
Concen: 40.48 ng
RT: 10.42 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion:149 Resp: 1388984
Ion Ratio Lower Upper
149 100
177 21.1 21.1 31.7#
150 13.0 10.2 15.2

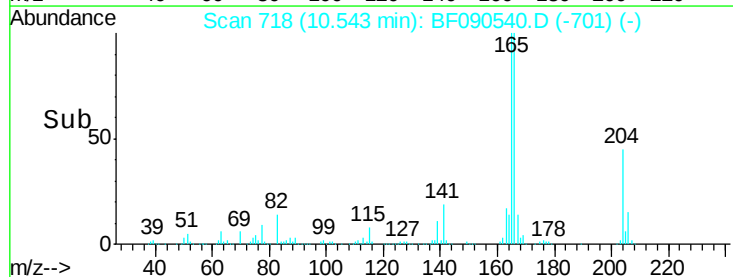
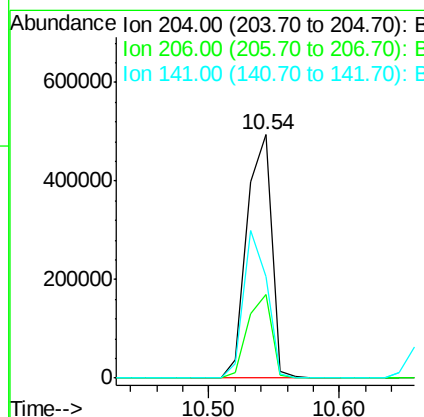
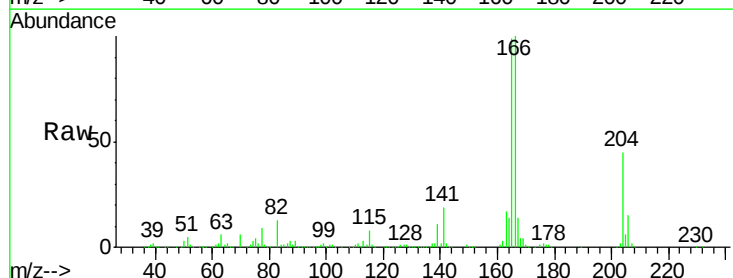
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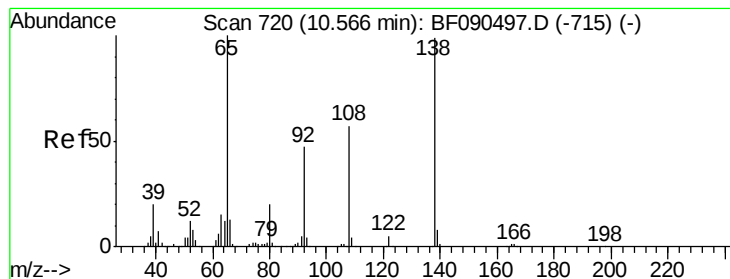
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#60
4-Chlorophenyl-phenylether
Concen: 42.19 ng
RT: 10.54 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Tgt Ion:204 Resp: 651820
Ion Ratio Lower Upper
204 100
206 34.1 26.7 40.1
141 41.7 51.7 77.5#





#61

4-Nitroaniline

Concen: 34.08 ng

RT: 10.58 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

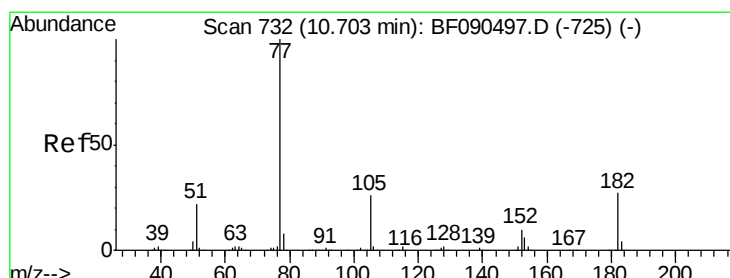
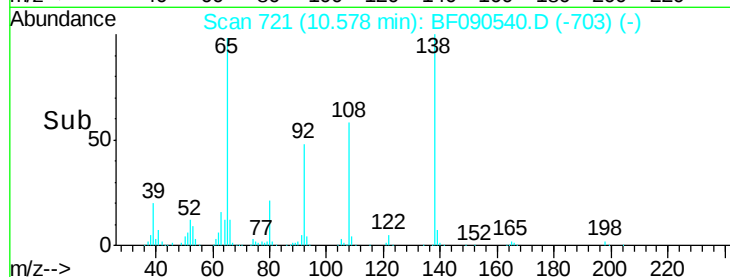
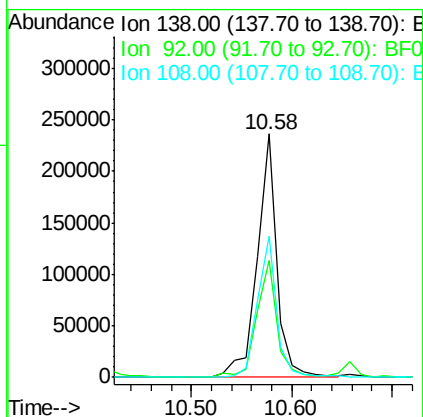
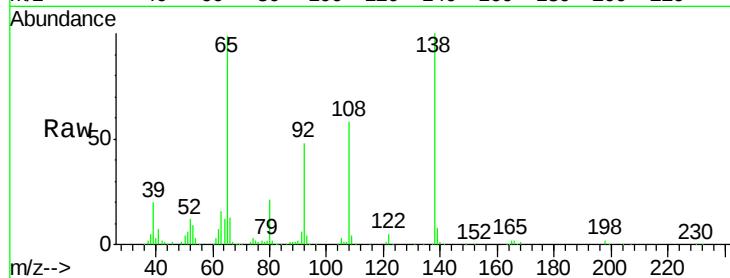
ClientSampleId :

WC-1MS

Tot Ion:	138	Resp:	321338
Ion Ratio	Lower	Upper	
138	100		
92	47.9	33.2	73.2
108	58.0	48.5	88.5

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#62

Azobenzene

Concen: 39.86 ng

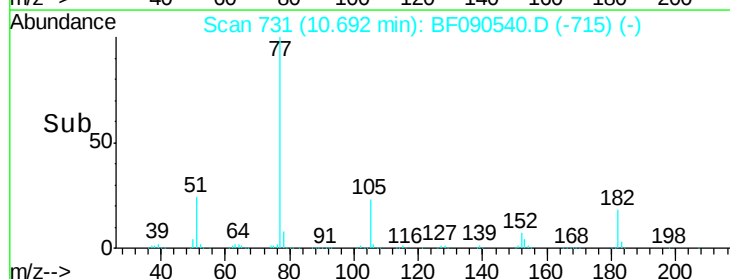
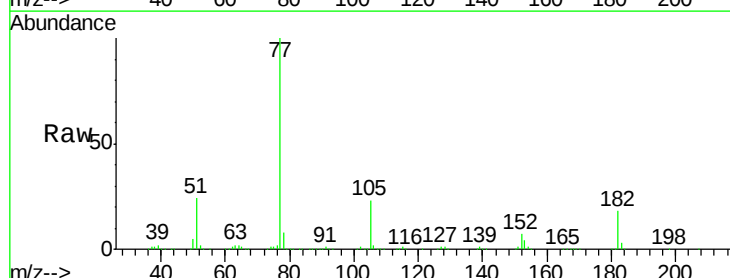
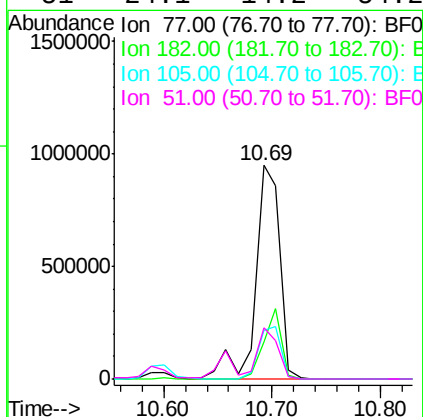
RT: 10.69 min Scan# 731

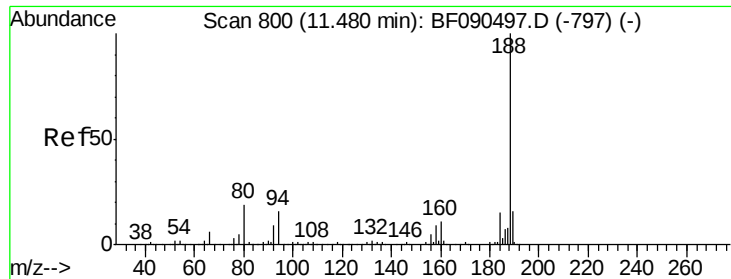
Delta R.T. -0.01 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Tgt Ion:	77	Resp:	1493604
Ion Ratio	Lower	Upper	
77	100		
182	17.6	3.2	43.2
105	22.9	2.9	42.9
51	24.1	14.2	54.2





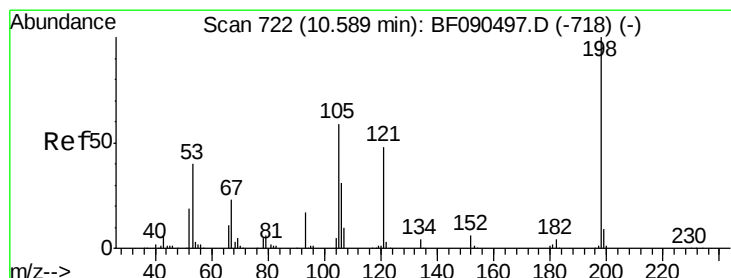
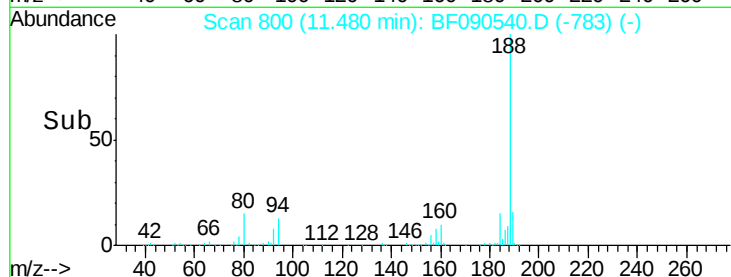
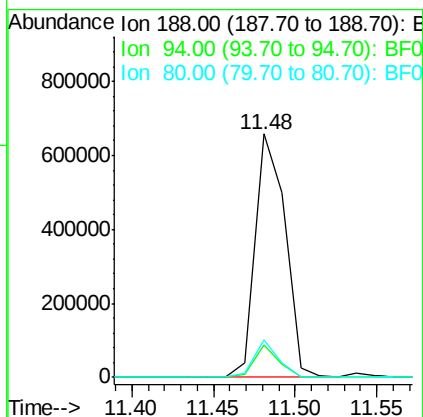
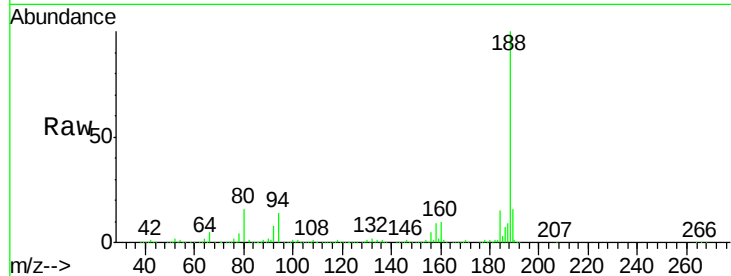
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	843908		
94	13.5		8.2	12.2#
80	15.6		8.8	13.2#

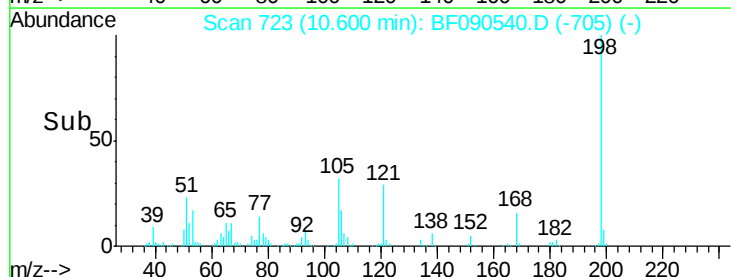
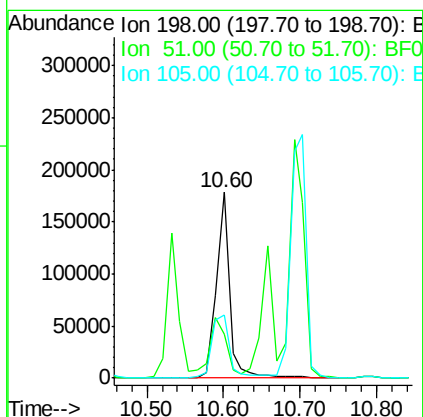
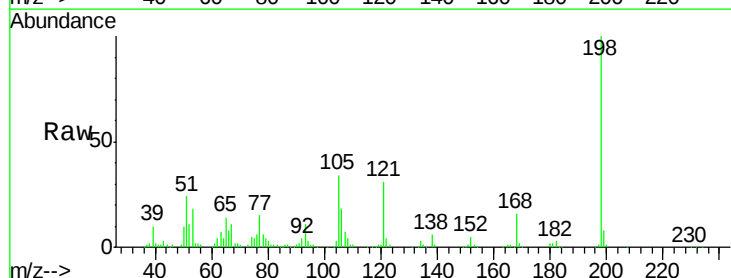
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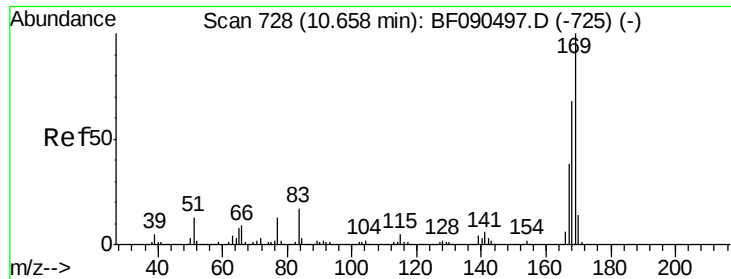
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.57 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	217421		
51	23.8		67.3	107.3#
105	33.9		42.6	82.6#





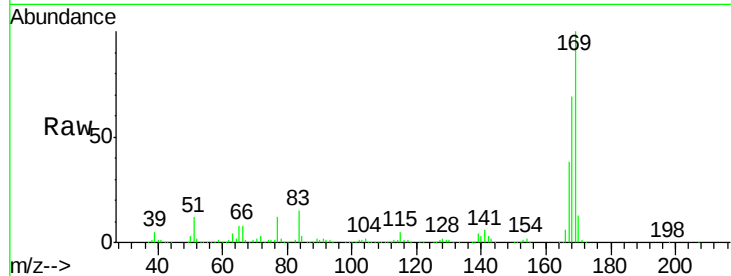
#65
n-Nitrosodiphenylamine
Concen: 40.35 ng
RT: 10.66 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

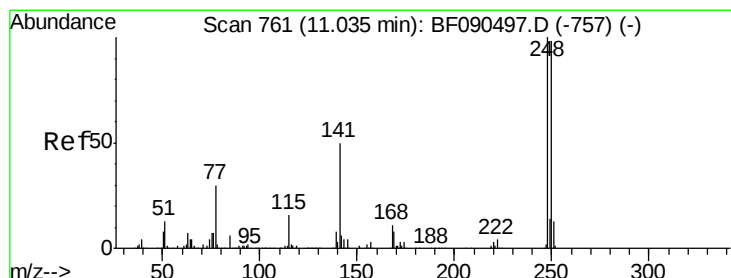
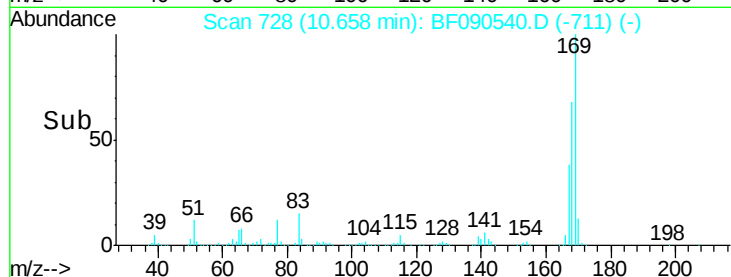
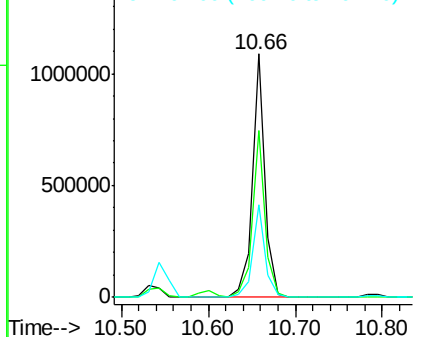
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.5	53.8	80.6
167	37.8	29.8	44.8

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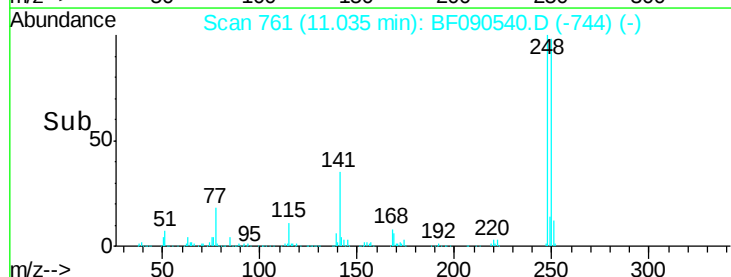
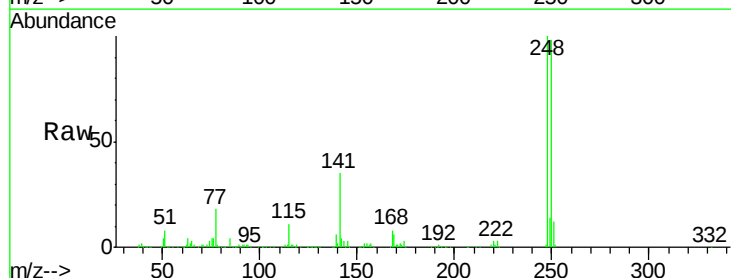
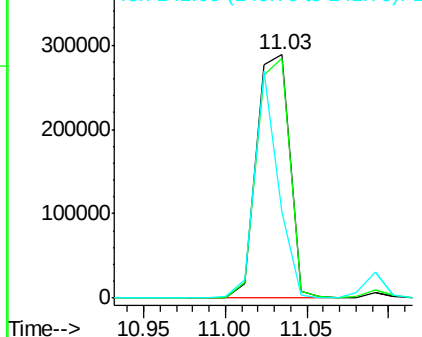
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

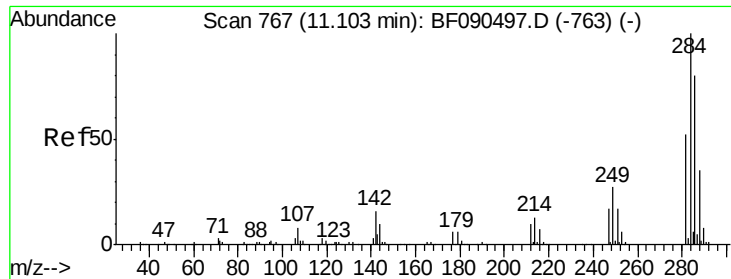


#66
4-Bromophenyl-phenylether
Concen: 43.59 ng
RT: 11.03 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.5	114.7
141	35.3	59.8	89.6#

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





#67

Hexachlorobenzene

Concen: 41.18 ng

RT: 11.09 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

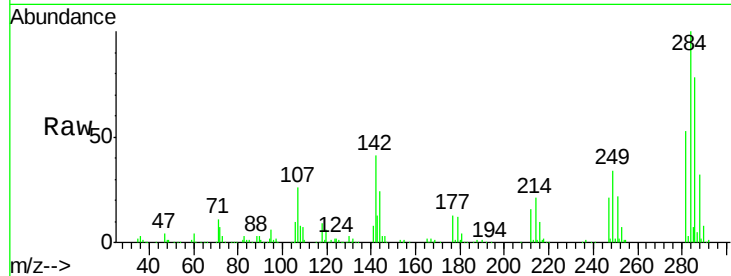
ClientSampleId :

WC-1MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	425361		
142	41.3	23.1	34.7#	
249	33.7	26.3	39.5	

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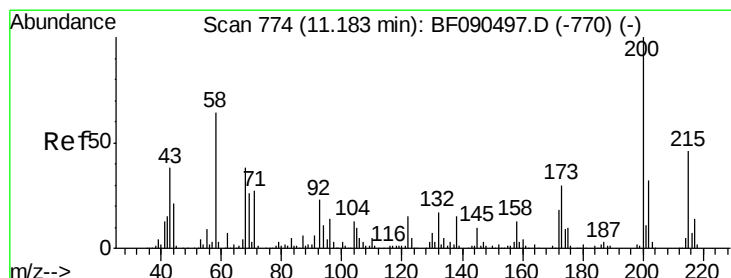
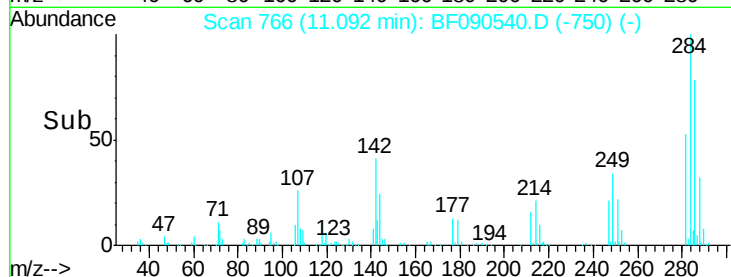
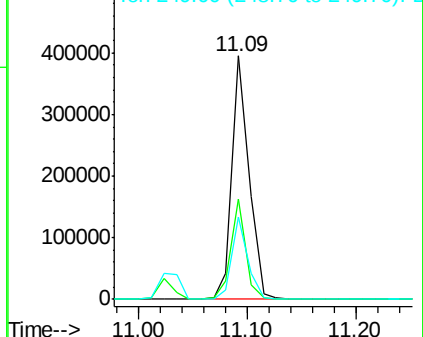
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 36.97 ng

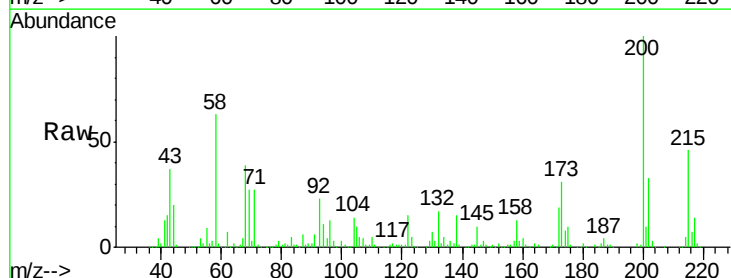
RT: 11.18 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

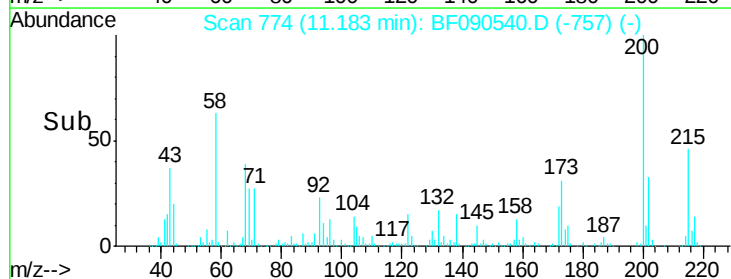
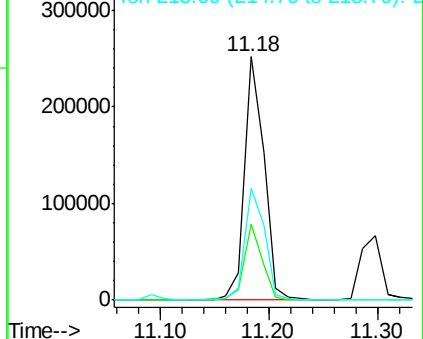
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	313970		
173	31.4	9.0	49.0	
215	46.0	24.8	64.8	

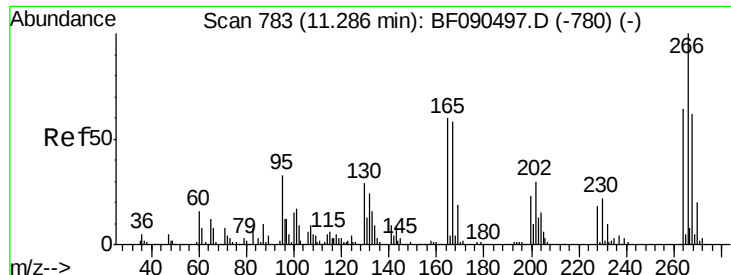


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





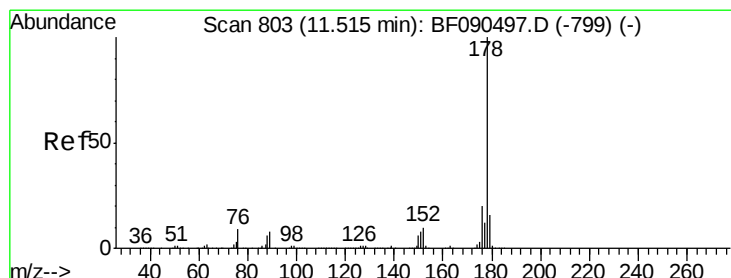
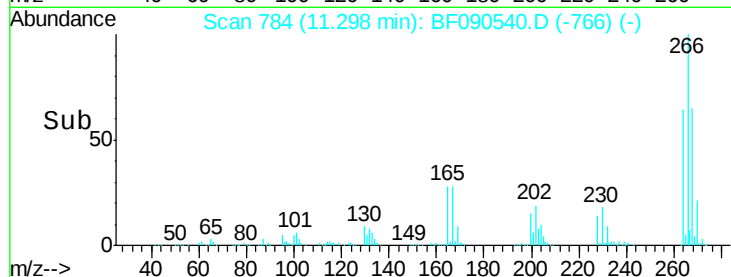
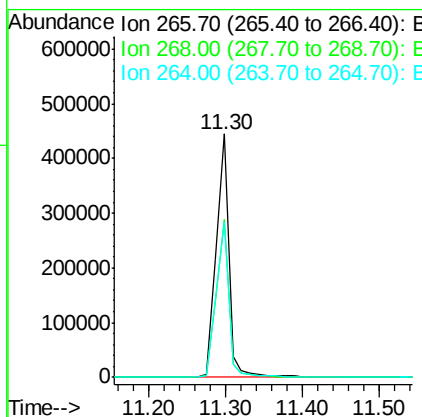
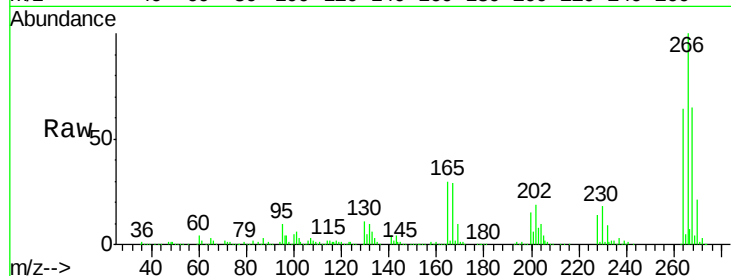
#69
 Pentachlorophenol
 Concen: 83.53 ng
 RT: 11.30 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF090540.D
 Acq: 12 Oct 2016 17:26

Instrument :
 BNA_F
 ClientSampled :
 WC-1MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.9	76.3
264	63.6	51.5	77.3

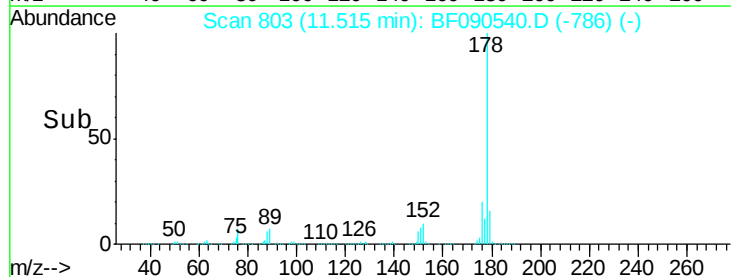
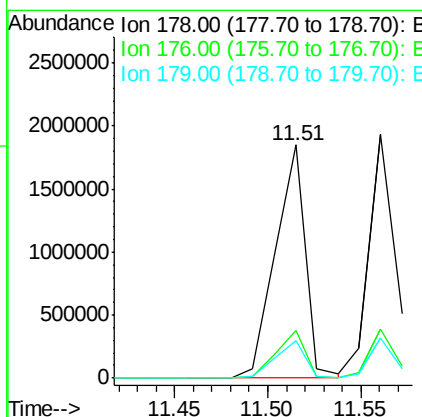
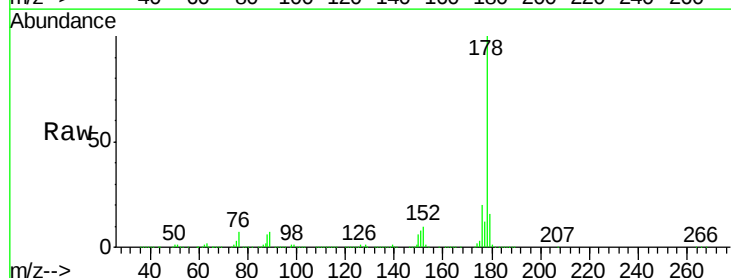
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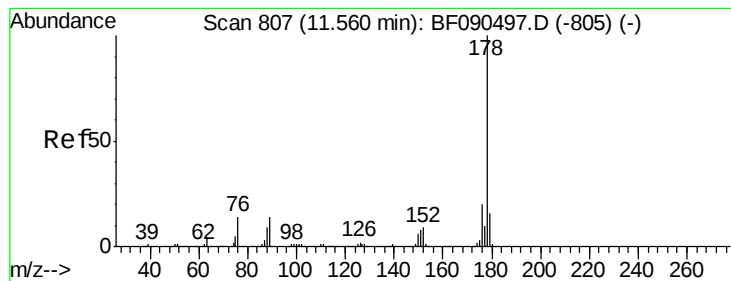
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#70
 Phenanthrene
 Concen: 44.32 ng
 RT: 11.51 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF090540.D
 Acq: 12 Oct 2016 17:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	17.3	25.9
179	15.9	13.8	20.6





#71

Anthracene

Concen: 39.53 ng

RT: 11.56 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tot Ion:178 Resp: 1862413

Ion Ratio Lower Upper

178 100

176 20.2 16.8 25.2

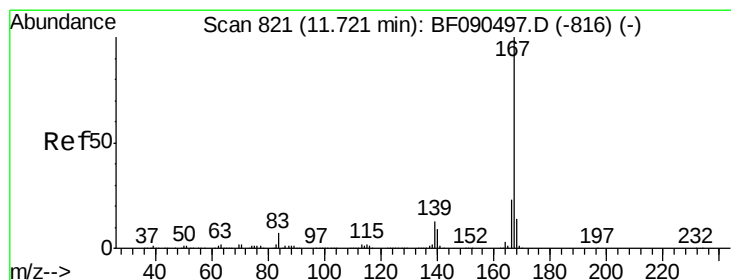
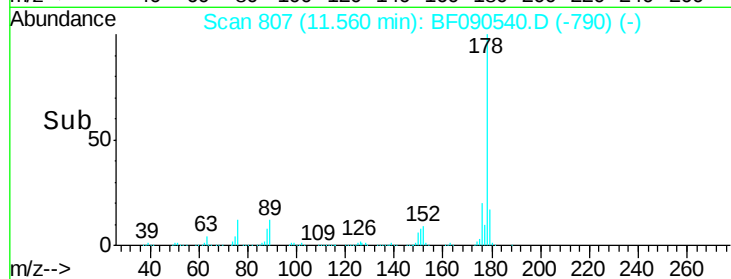
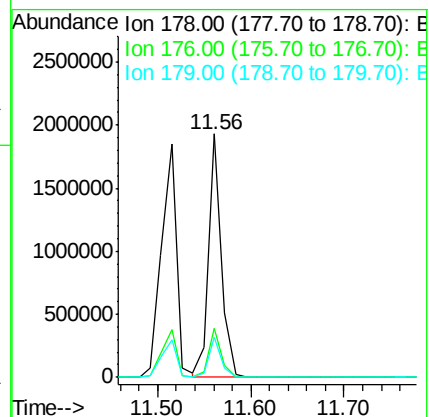
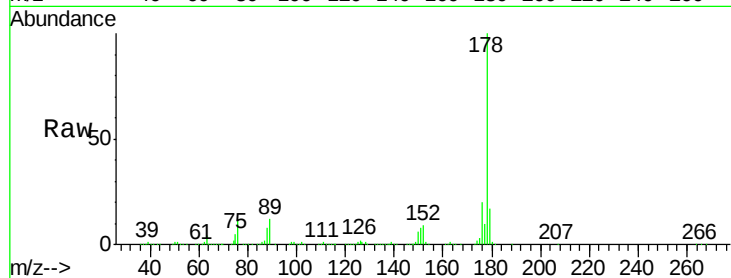
179 16.6 13.4 20.2

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#72

Carbazole

Concen: 40.43 ng

RT: 11.72 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

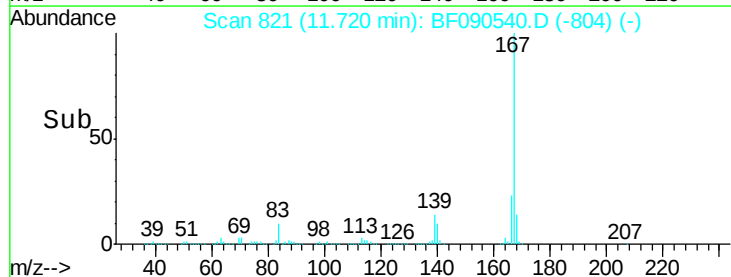
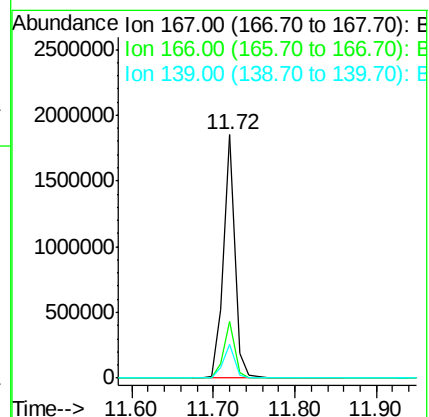
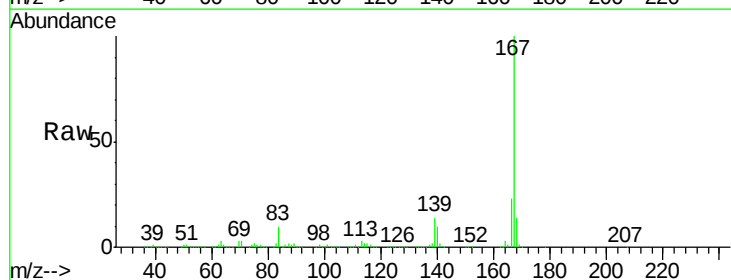
Tgt Ion:167 Resp: 1799280

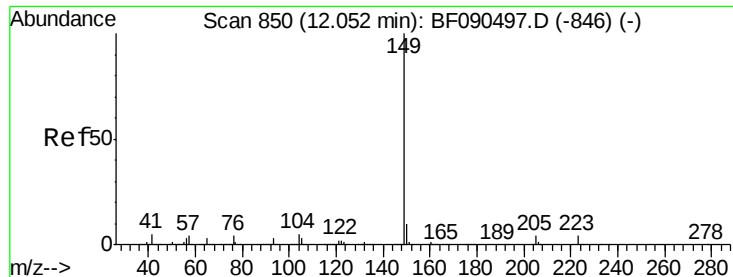
Ion Ratio Lower Upper

167 100

166 23.1 19.1 28.7

139 14.0 12.1 18.1





#73

Di-n-butylphthalate

Concen: 39.26 ng

RT: 12.04 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tot Ion:149 Resp: 2104331

Ion Ratio Lower Upper

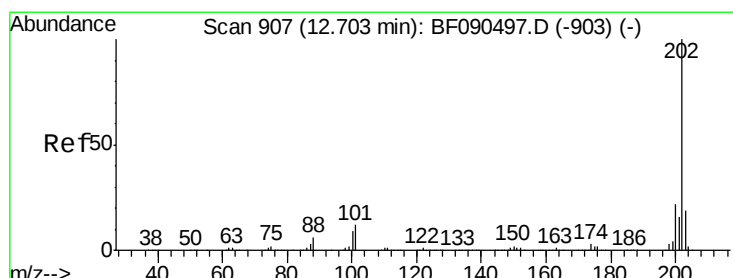
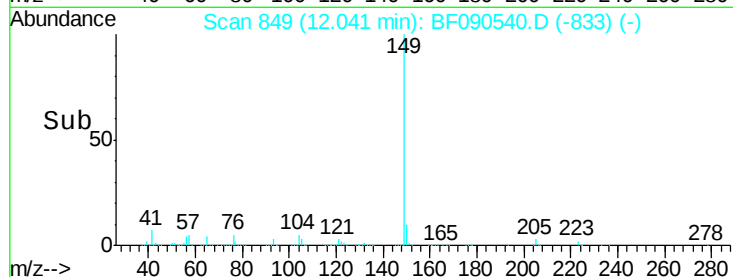
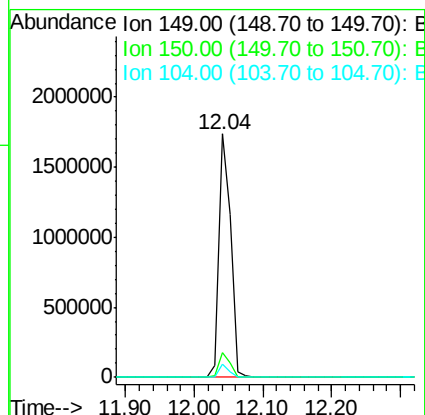
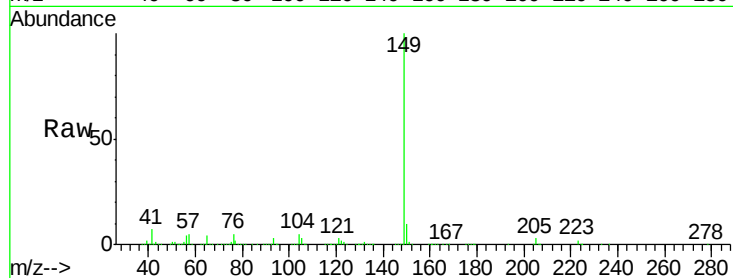
149 100

150 10.0 8.6 12.8

104 5.2 4.7 7.1

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#74

Fluoranthene

Concen: 43.72 ng

RT: 12.70 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

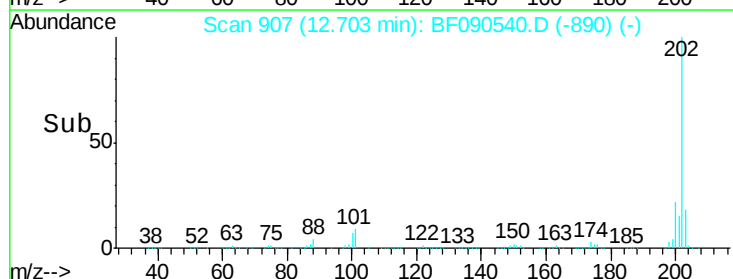
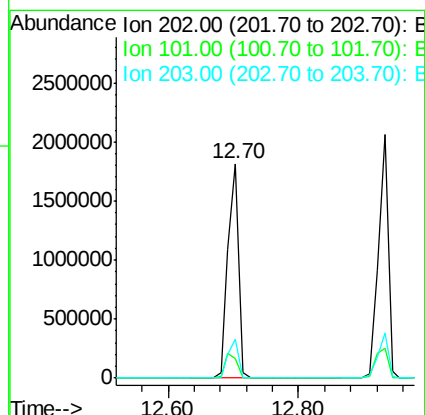
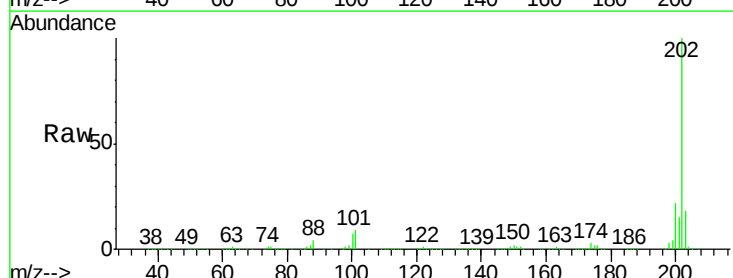
Tgt Ion:202 Resp: 2075472

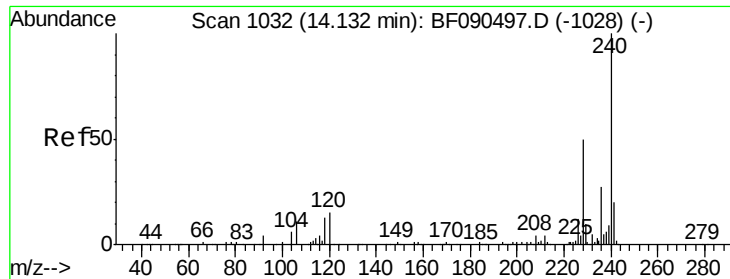
Ion Ratio Lower Upper

202 100

101 9.4 0.0 37.2

203 18.2 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

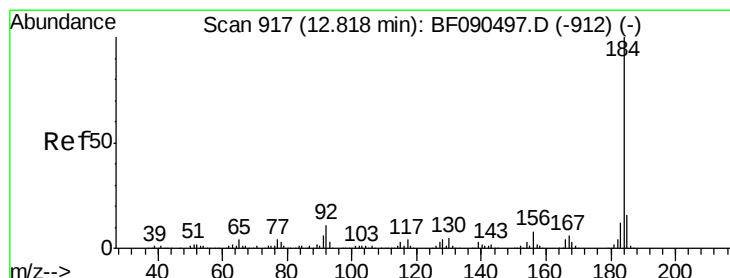
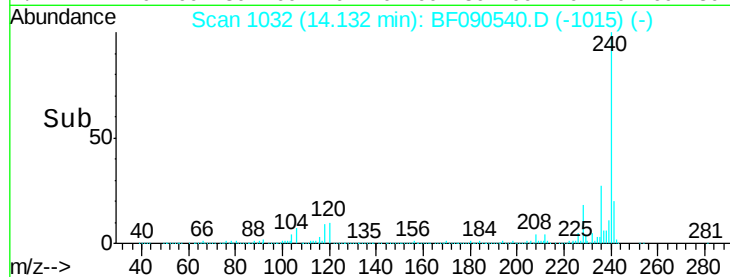
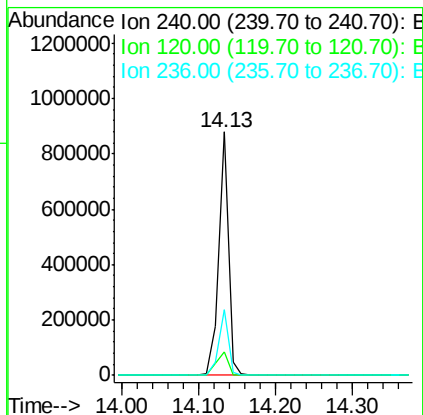
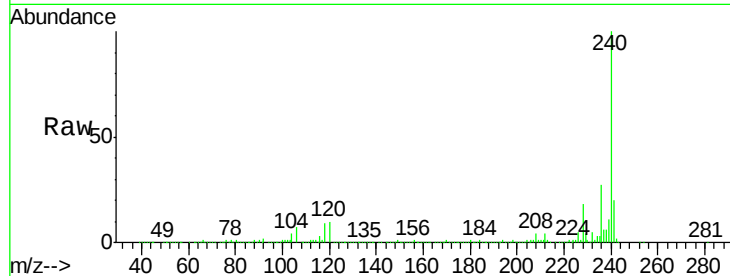
ClientSampled :

WC-1MS

Tot Ion:	240	Resp:	773833
Ion Ratio	Lower	Upper	
240	100		
120	9.9	8.6	13.0
236	27.0	21.6	32.4

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#76

Benzidine

Concen: 2.22 ng

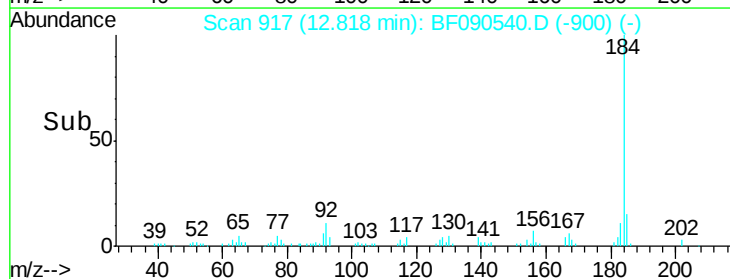
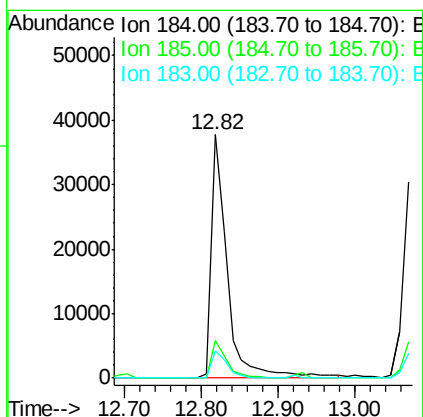
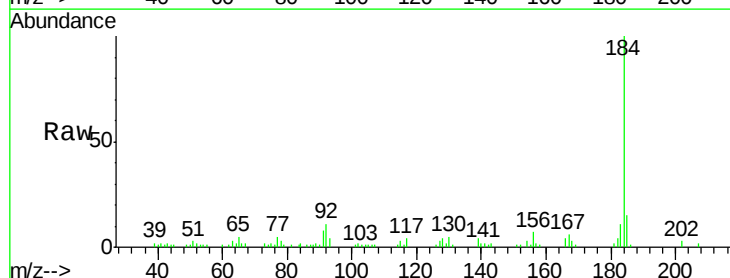
RT: 12.82 min Scan# 917

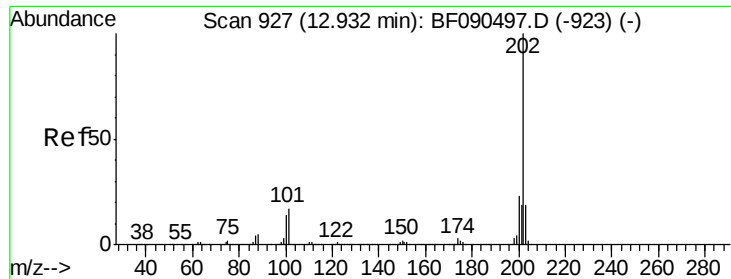
Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Tgt Ion:	184	Resp:	53961
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.8	17.8
183	11.4	9.6	14.4





#77

Pvrene

Concen: 43.72 ng

RT: 12.93 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tot Ion:202 Resp: 2117860

Ion Ratio Lower Upper

202 100

200 23.0 18.5 27.7

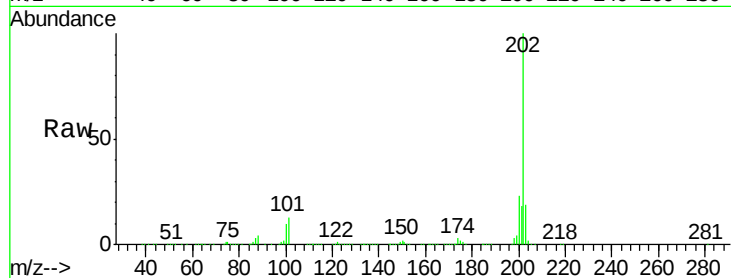
203 18.7 15.0 22.6

Manual Integrations

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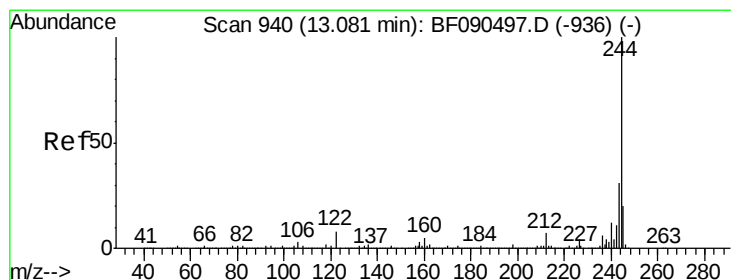
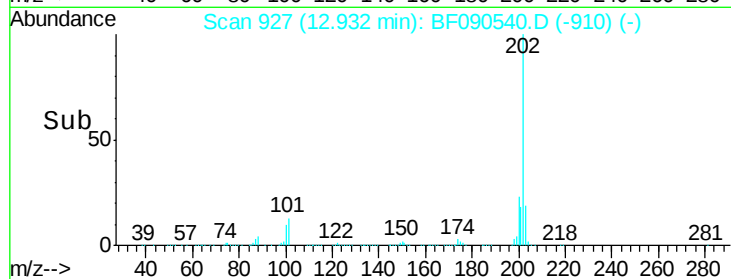
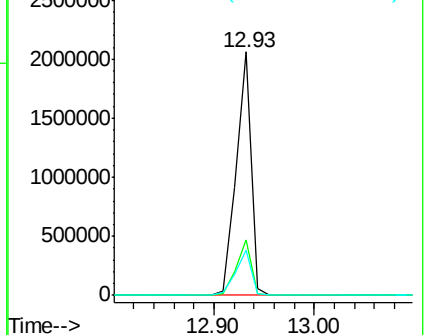
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.75 ng

RT: 13.07 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

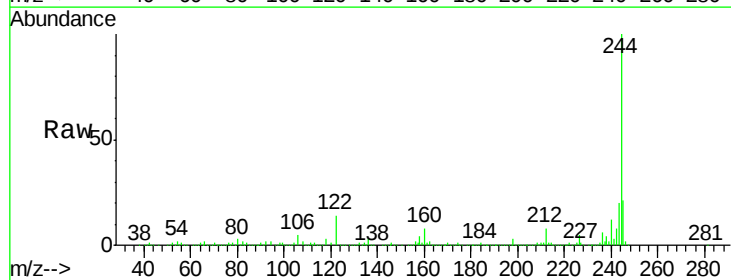
Tgt Ion:244 Resp: 2461959

Ion Ratio Lower Upper

244 100

212 7.6 6.8 10.2

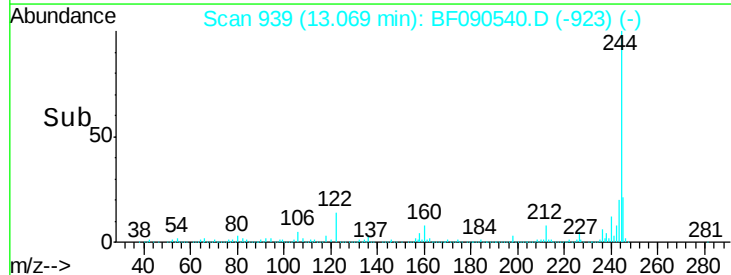
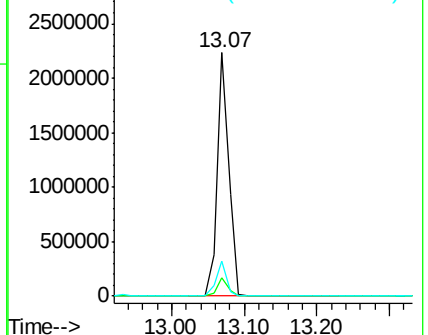
122 14.5 13.3 19.9

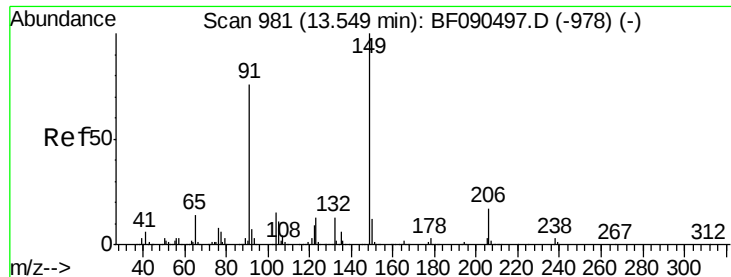


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





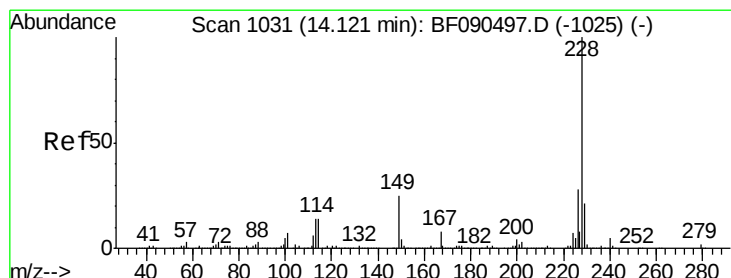
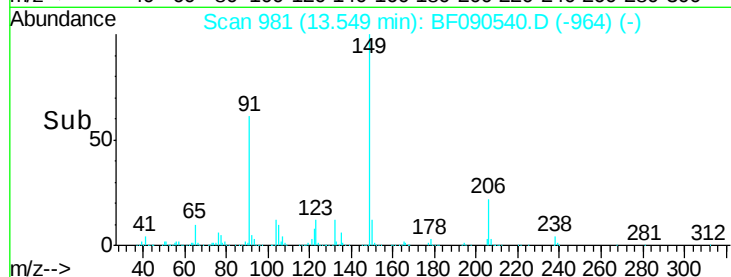
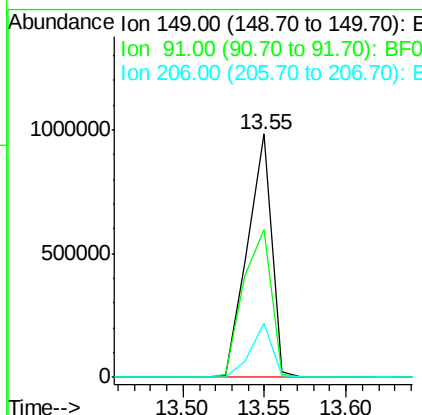
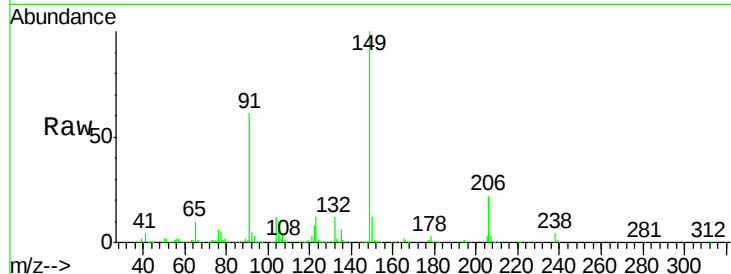
#79
Butylbenzylphthalate
Concen: 44.81 ng
RT: 13.55 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	60.5	51.8	77.8
206	22.0	18.0	27.0

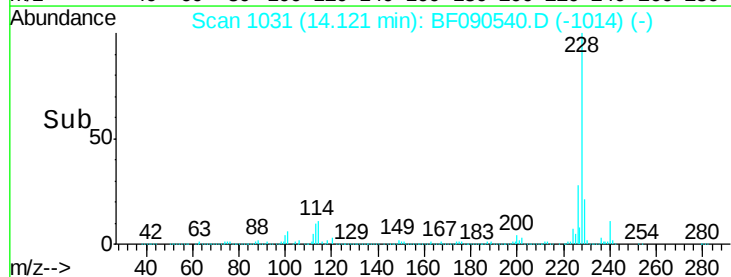
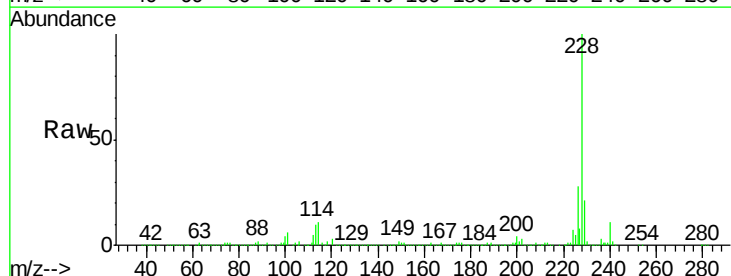
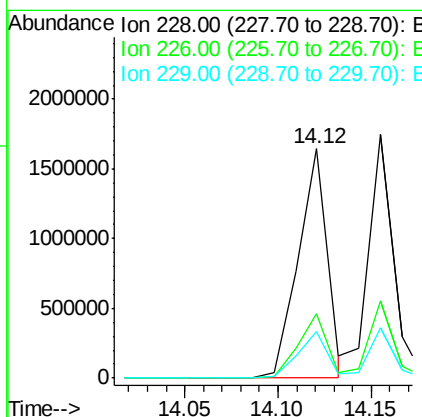
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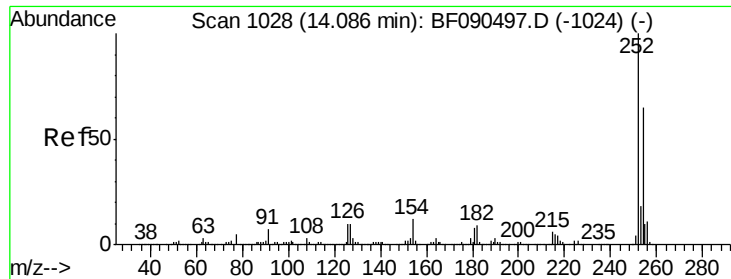
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#80
Benzo(a)anthracene
Concen: 38.85 ng
RT: 14.12 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.6	35.4
229	20.5	16.6	25.0





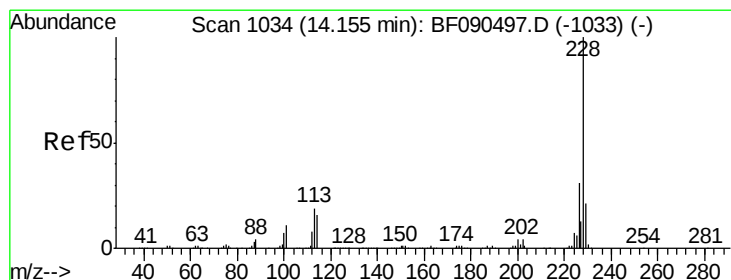
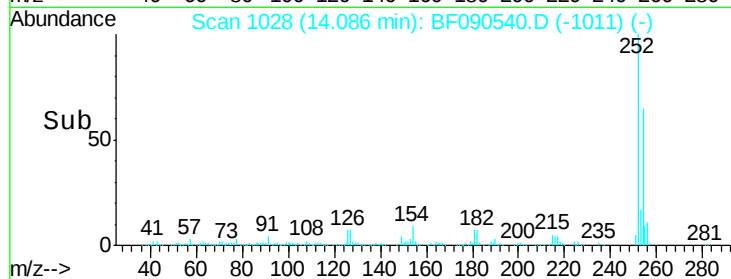
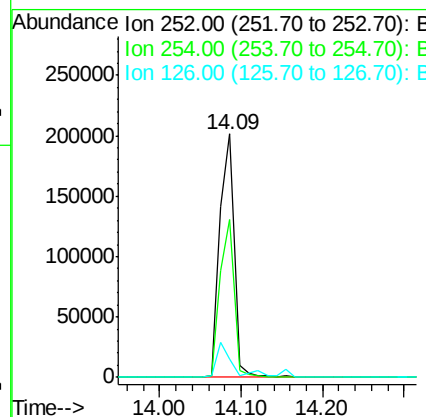
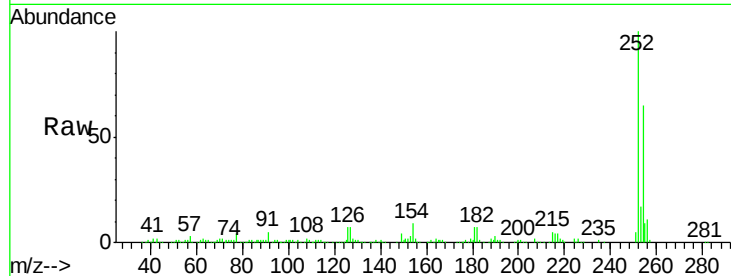
#81
 3,3'-Dichlorobenzidine
 Concen: 15.04 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BF090540.D
 Acq: 12 Oct 2016 17:26

Instrument :
 BNA_F
 ClientSampled :
 WC-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.1	78.1
126	7.4	4.2	6.4

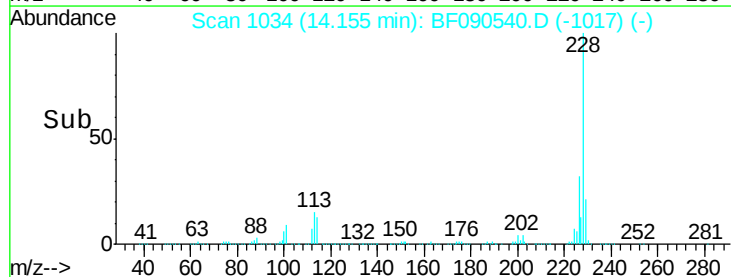
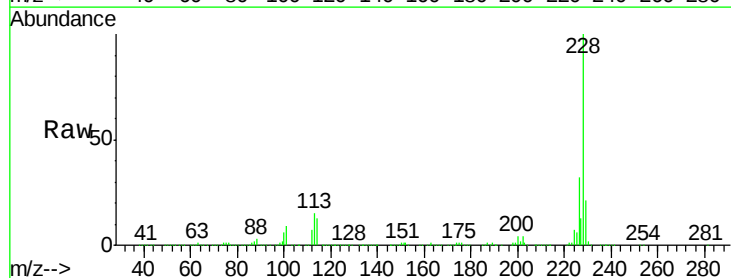
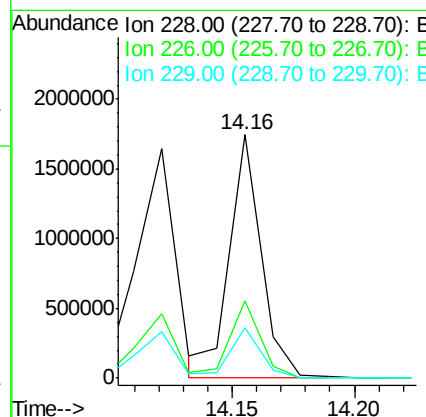
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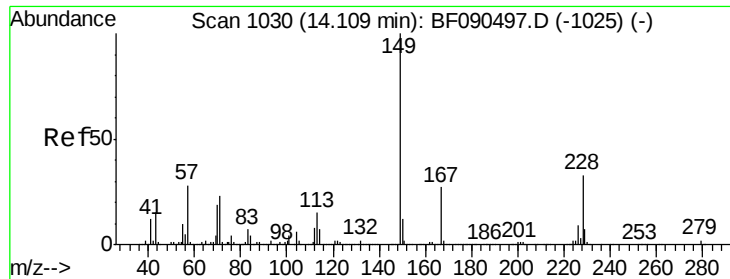
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#82
 Chrysene
 Concen: 36.52 ng m
 RT: 14.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF090540.D
 Acq: 12 Oct 2016 17:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.8	38.6
229	20.8	16.9	25.3





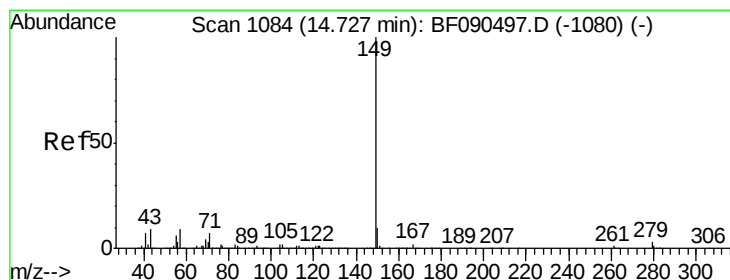
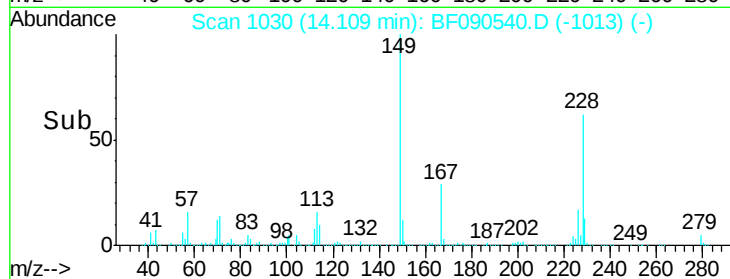
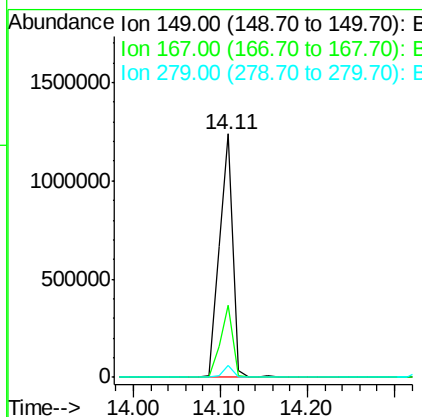
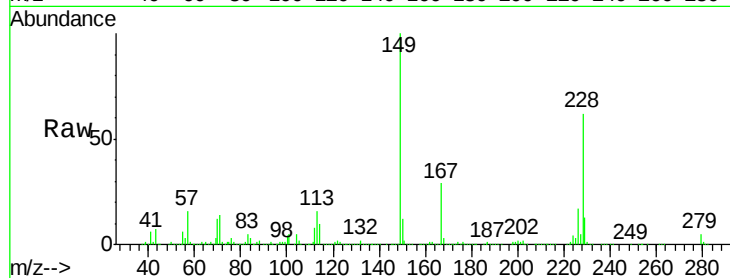
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.89 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF090540.D
 Acq: 12 Oct 2016 17:26

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tot Ion:149 Resp: 1353017
 Ion Ratio Lower Upper
 149 100
 167 29.5 21.5 32.3
 279 4.9 2.6 3.8#

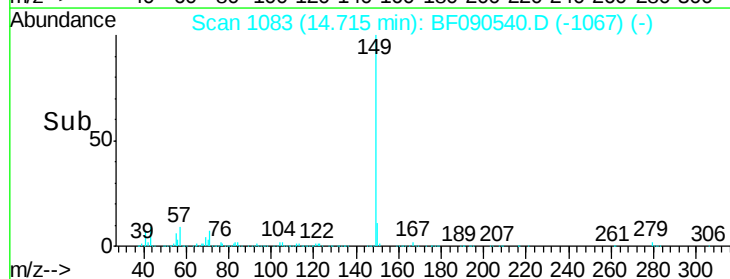
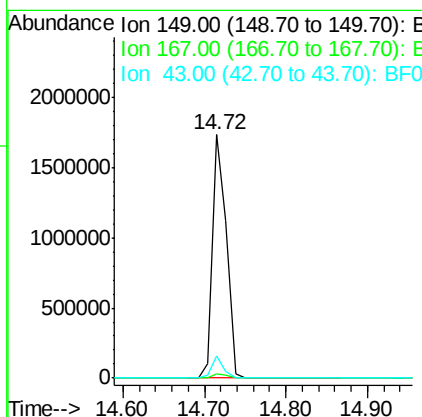
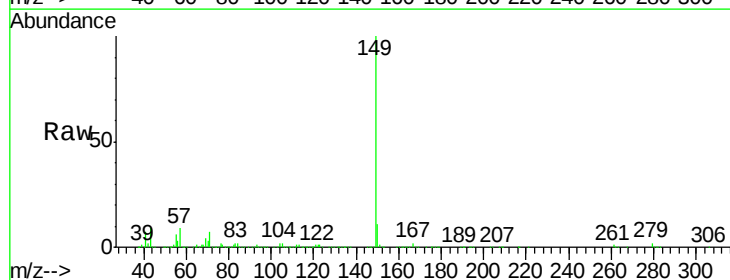
Manual Integrations
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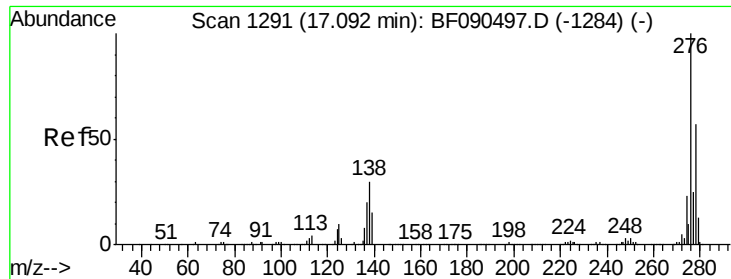
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#84
 Di-n-octyl phthalate
 Concen: 40.24 ng
 RT: 14.72 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF090540.D
 Acq: 12 Oct 2016 17:26

Tgt Ion:149 Resp: 2062257
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 7.6 11.8 17.8#





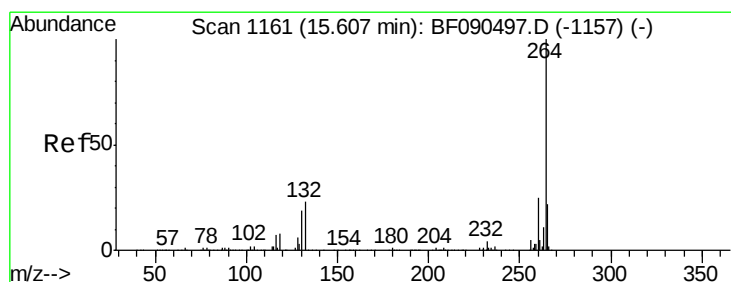
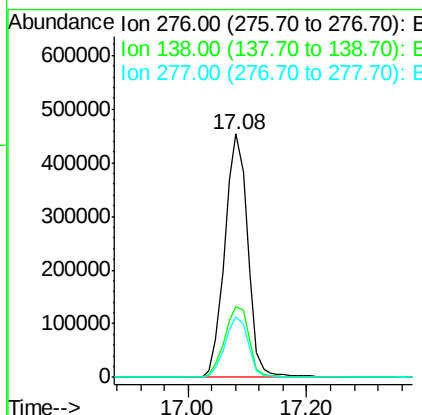
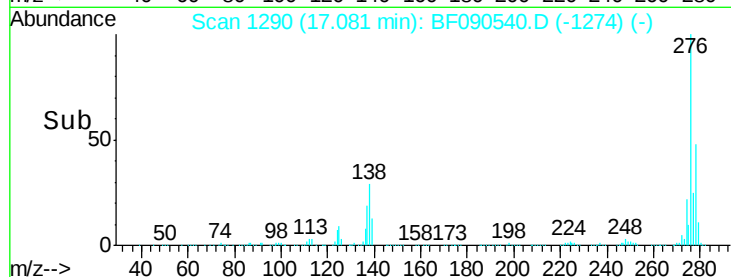
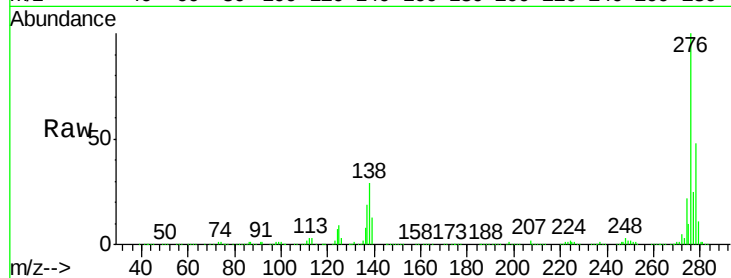
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.10 ng
RT: 17.08 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.1	23.8	35.8
277	25.2	20.4	30.6

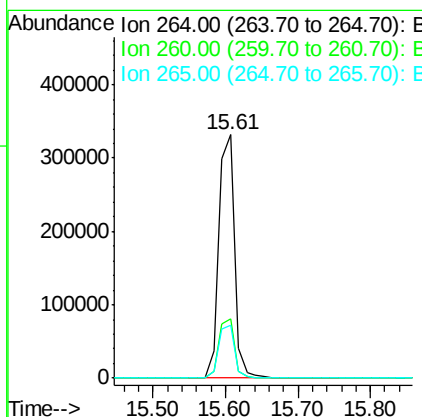
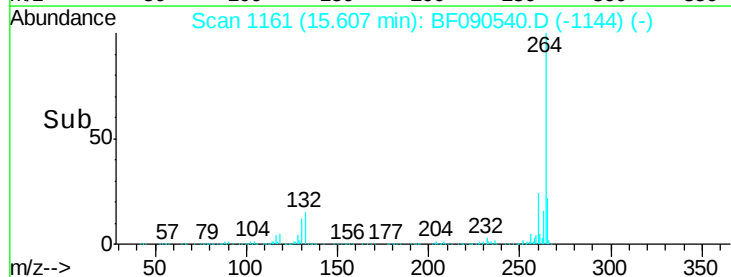
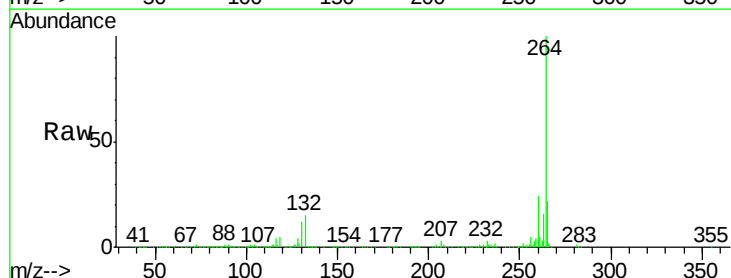
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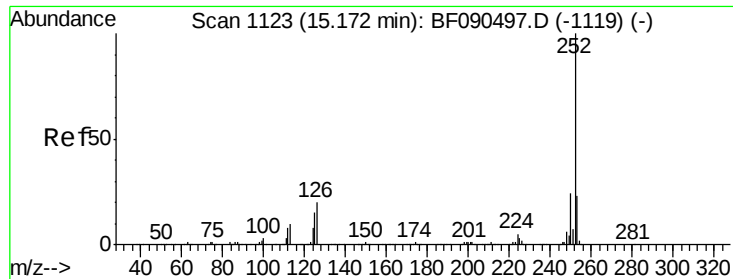
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	21.6	17.4	26.0





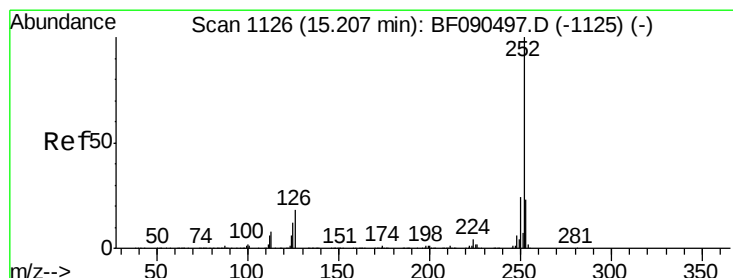
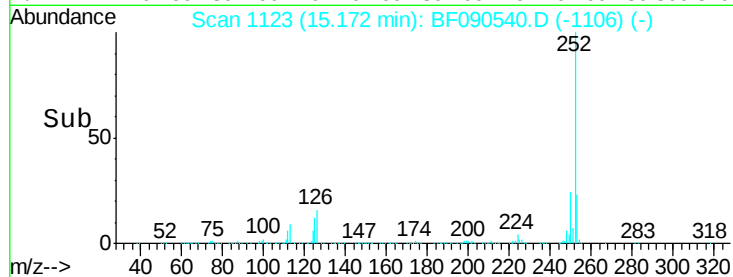
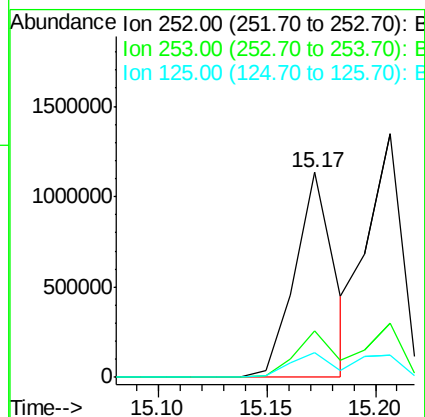
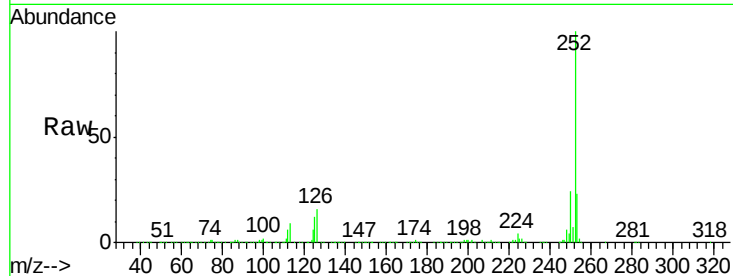
#87
Benzo(b)fluoranthene
Concen: 43.02 ng
RT: 15.17 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tot Ion:252 Resp: 1421407
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 12.4 7.0 10.4#

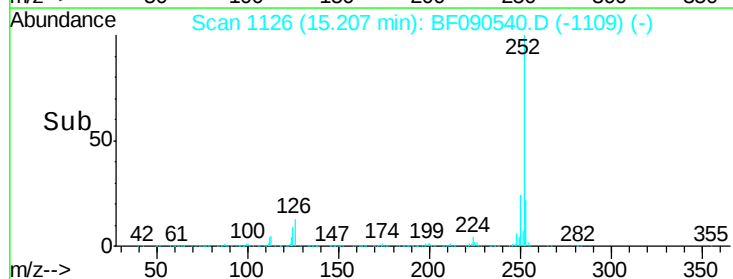
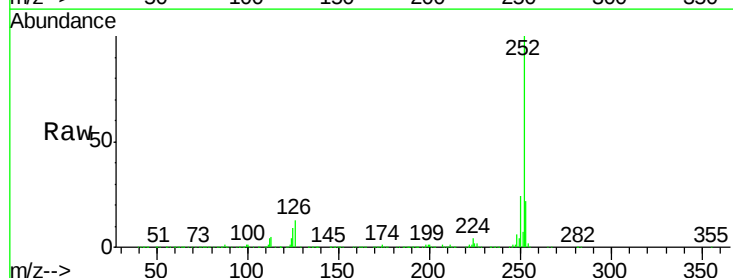
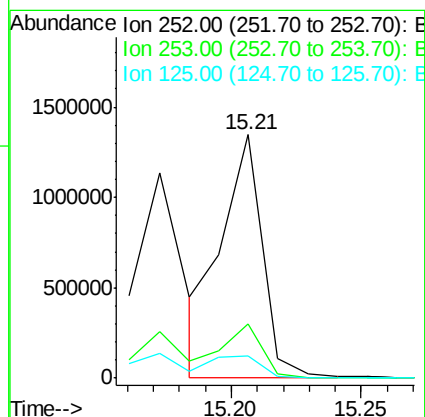
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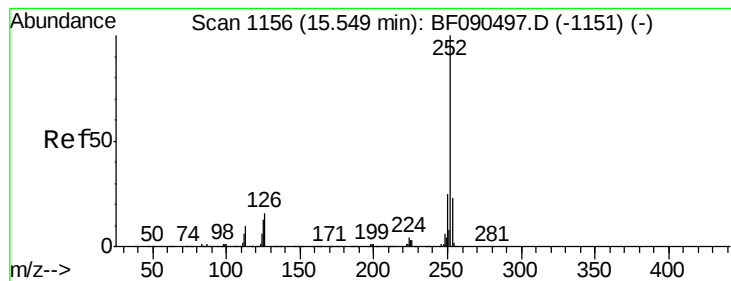
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#88
Benzo(k)fluoranthene
Concen: 50.58 ng m
RT: 15.21 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF090540.D
Acq: 12 Oct 2016 17:26

Tgt Ion:252 Resp: 1488421
Ion Ratio Lower Upper
252 100
253 22.3 18.6 27.8
125 9.2 11.7 17.5#





#89

Benzo(a)pyrene

Concen: 44.29 ng

RT: 15.54 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

ClientSampled :

WC-1MS

Tot Ion:252 Resp: 1285040

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

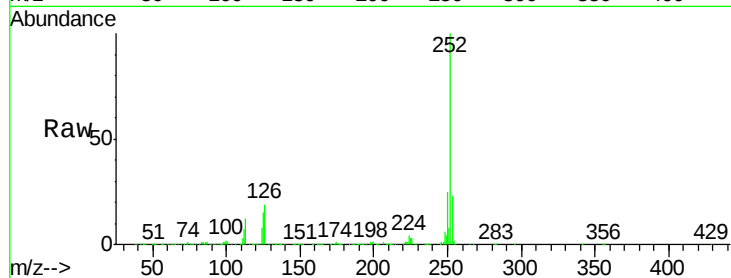
125 15.1 9.8 14.8#

Manual Integrations

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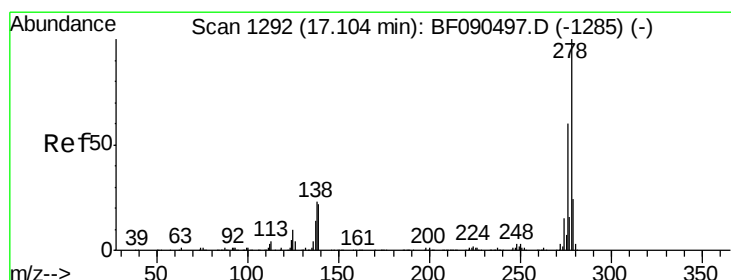
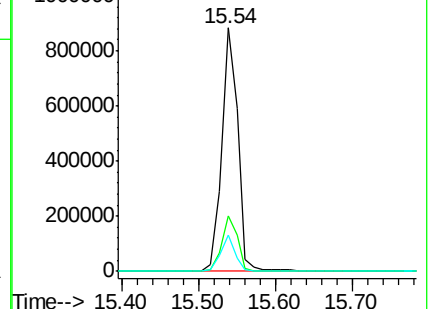
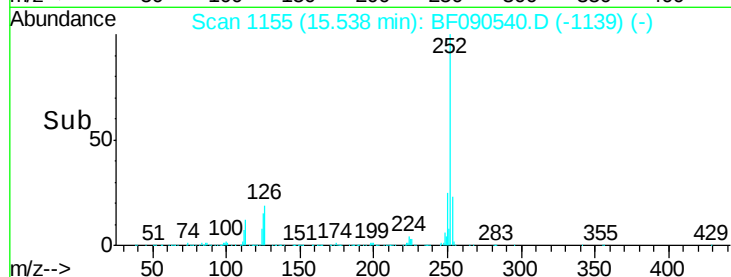
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.49 ng

RT: 17.09 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

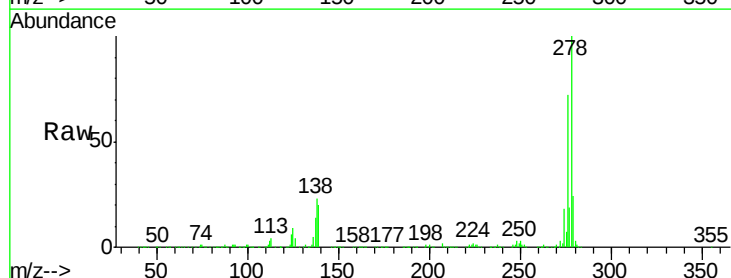
Tgt Ion:278 Resp: 1047267

Ion Ratio Lower Upper

278 100

139 20.4 12.8 19.2#

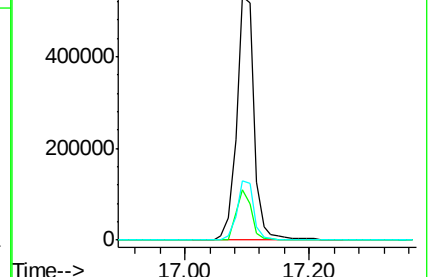
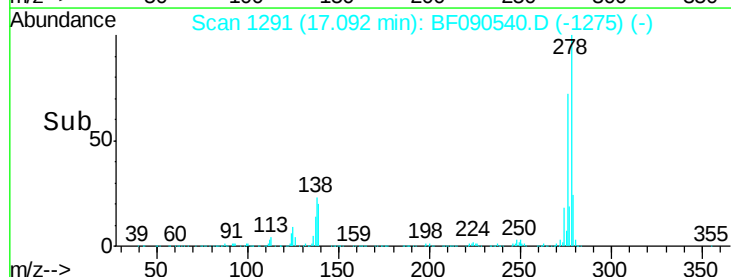
279 24.3 19.6 29.4

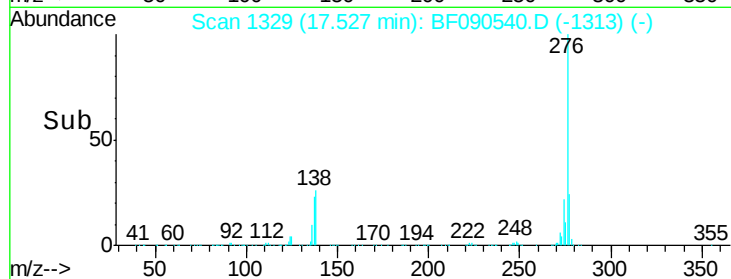
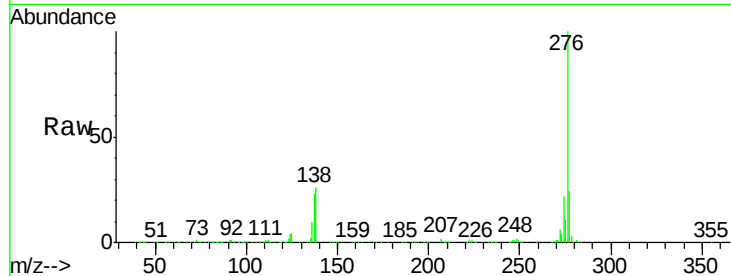
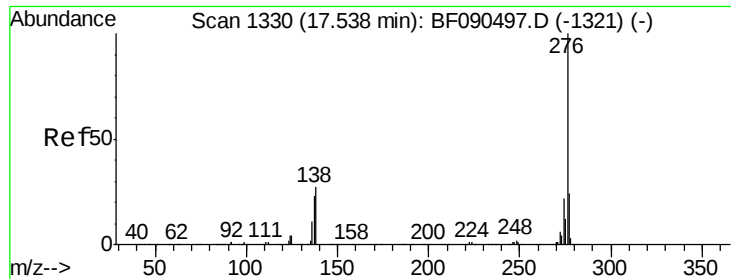


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.68 ng

RT: 17.53 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF090540.D

Acq: 12 Oct 2016 17:26

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tot Ion:	276	Resp:	972782
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.4	29.0
138	25.7	20.8	31.2

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:20 PM

