

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
 Data File : BF090541.D
 Acq On : 12 Oct 2016 17:54
 Operator : UM/SJ
 Sample : H5180-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Manual Integrations
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Quant Time: Oct 13 01:00:37 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	217233	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	891338	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	482823	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	786673	20.00	ng	0.00
75) Chrysene-d12	14.13	240	666768	20.00	ng	0.00
86) Perylene-d12	15.61	264	455148	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1404670	100.60	ng	0.02
7) Phenol-d6	6.60	99	1898352	107.73	ng	0.01
23) Nitrobenzene-d5	7.51	82	1257402	76.51	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	641016	133.93	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2486017	86.53	ng	0.00
78) Terphenyl-d14	13.07	244	2256568	82.71	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	206077m	30.09	ng	
3) Pyridine	3.54	79	530087m	28.00	ng	
4) n-Nitrosodimethylamine	3.48	42	176535m	28.45	ng	
6) Aniline	6.63	93	343288	15.36	ng	# 79
8) 2-Chlorophenol	6.74	128	613838	41.32	ng	98
9) Benzaldehyde	6.50	77	140534	12.66	ng	99
10) Phenol	6.61	94	697551	35.09	ng	92
11) bis(2-Chloroethyl)ether	6.69	93	674861	45.36	ng	90
12) 1,3-Dichlorobenzene	6.89	146	636453	39.71	ng	# 91
13) 1,4-Dichlorobenzene	6.97	146	689535	42.17	ng	98
14) 1,2-Dichlorobenzene	7.13	146	609692	41.03	ng	95
15) Benzyl Alcohol	7.10	79	508823	37.61	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.23	45	674364	31.63	ng	59
17) 2-Methylphenol	7.22	107	499867	41.38	ng	95
18) Hexachloroethane	7.46	117	238966	39.60	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	472294	42.02	ng	# 77
20) 3+4-Methylphenols	7.37	107	621996	40.66	ng	# 76
22) Acetophenone	7.37	105	889761	45.34	ng	# 90
24) Nitrobenzene	7.54	77	683573	38.78	ng	# 87
25) Isophorone	7.78	82	1229174	41.10	ng	# 94
26) 2-Nitrophenol	7.86	139	337476	41.96	ng	95
27) 2,4-Dimethylphenol	7.89	122	572881	41.91	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	809742	43.84	ng	97
29) 2,4-Dichlorophenol	8.10	162	531448	46.48	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	576370	43.89	ng	97
31) Naphthalene	8.26	128	1842432	41.49	ng	98
32) Benzoic acid	8.02	122	300656	27.87	ng	96
33) 4-Chloroaniline	8.31	127	190753	10.15	ng	# 88
34) Hexachlorobutadiene	8.37	225	299828	40.83	ng	99
35) Caprolactam	8.68	113	134891m	36.39	ng	
36) 4-Chloro-3-methylphenol	8.81	107	574030	42.99	ng	90
37) 2-Methylnaphthalene	8.95	142	1252260	42.01	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	558293	41.30	ng	99
40) Hexachlorocyclopentadiene	9.10	237	595207	88.71	ng	100

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Quant Time: Oct 13 01:00:37 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)
42) 2,4,6-Trichlorophenol	9.23	196	363014	39.83	nq	98
43) 2,4,5-Trichlorophenol	9.27	196	398009	44.13	nq	98
45) 1,1'-Biphenyl	9.41	154	1445620	39.20	nq	96
46) 2-Chloronaphthalene	9.45	162	1184422	43.17	nq	92
47) 2-Nitroaniline	9.54	65	359372	36.72	nq	96
48) Acenaphthylene	9.86	152	1801660	40.70	nq	98
49) Dimethylphthalate	9.72	163	1422601	43.81	nq	98
50) 2,6-Dinitrotoluene	9.78	165	304088	42.41	nq	# 85
51) Acenaphthene	10.03	154	1229491	41.44	nq	97
52) 3-Nitroaniline	9.95	138	139744	15.71	nq	97
53) 2,4-Dinitrophenol	10.05	184	269462	67.73	nq	# 73
54) Dibenzofuran	10.20	168	1608281	40.74	nq	96
55) 4-Nitrophenol	10.13	139	502173	72.64	nq	# 77
56) 2,4-Dinitrotoluene	10.19	165	450544	47.51	nq	# 81
57) Fluorene	10.54	166	1226269	38.05	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	332651	44.22	nq	97
59) Diethylphthalate	10.42	149	1349104	40.85	nq	94
60) 4-Chlorophenyl-phenylether	10.53	204	627423	42.20	nq	97
61) 4-Nitroaniline	10.58	138	301654	33.23	nq	84
62) Azobenzene	10.69	77	1355148	37.57	nq	89
64) 4,6-Dinitro-2-methylphenol	10.60	198	181703	34.58	nq	# 42
65) n-Nitrosodiphenylamine	10.66	169	1123937	43.94	nq	98
66) 4-Bromophenyl-phenylether	11.02	248	376324	43.17	nq	# 89
67) Hexachlorobenzene	11.09	284	415578	43.16	nq	# 89
68) Atrazine	11.18	200	331005	41.81	nq	97
69) Pentachlorophenol	11.30	266	467807	81.64	nq	98
70) Phenanthrene	11.52	178	1951013	45.00	nq	96
71) Anthracene	11.56	178	1843376	41.97	nq	99
72) Carbazole	11.72	167	1798085	43.34	nq	97
73) Di-n-butylphthalate	12.04	149	2062791	41.29	nq	98
74) Fluoranthene	12.70	202	1984867	44.85	nq	89
76) Benzidine	12.82	184	373911	17.84	nq	99
77) Pyrene	12.93	202	2028359	48.60	nq	98
79) Butylbenzylphthalate	13.55	149	946529	48.45	nq	90
80) Benzo(a)anthracene	14.12	228	1709380	43.02	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	269406	18.84	nq	# 98
82) Chrysene	14.16	228	1513037	40.90	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	1312031	46.01	nq	# 96
84) Di-n-octyl phthalate	14.72	149	1980763	44.86	nq	# 85
85) Indeno(1,2,3-cd)pyrene	17.08	276	1202112	39.03	nq	98
87) Benzo(b)fluoranthene	15.17	252	1319111	43.93	nq	# 97
88) Benzo(k)fluoranthene	15.21	252	1383039m	51.70	nq	
89) Benzo(a)pyrene	15.54	252	1219157	46.23	nq	# 97
90) Dibenzo(a,h)anthracene	17.10	278	1028524	45.91	nq	99
91) Benzo(g,h,i)perylene	17.53	276	990864	47.83	nq	99

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

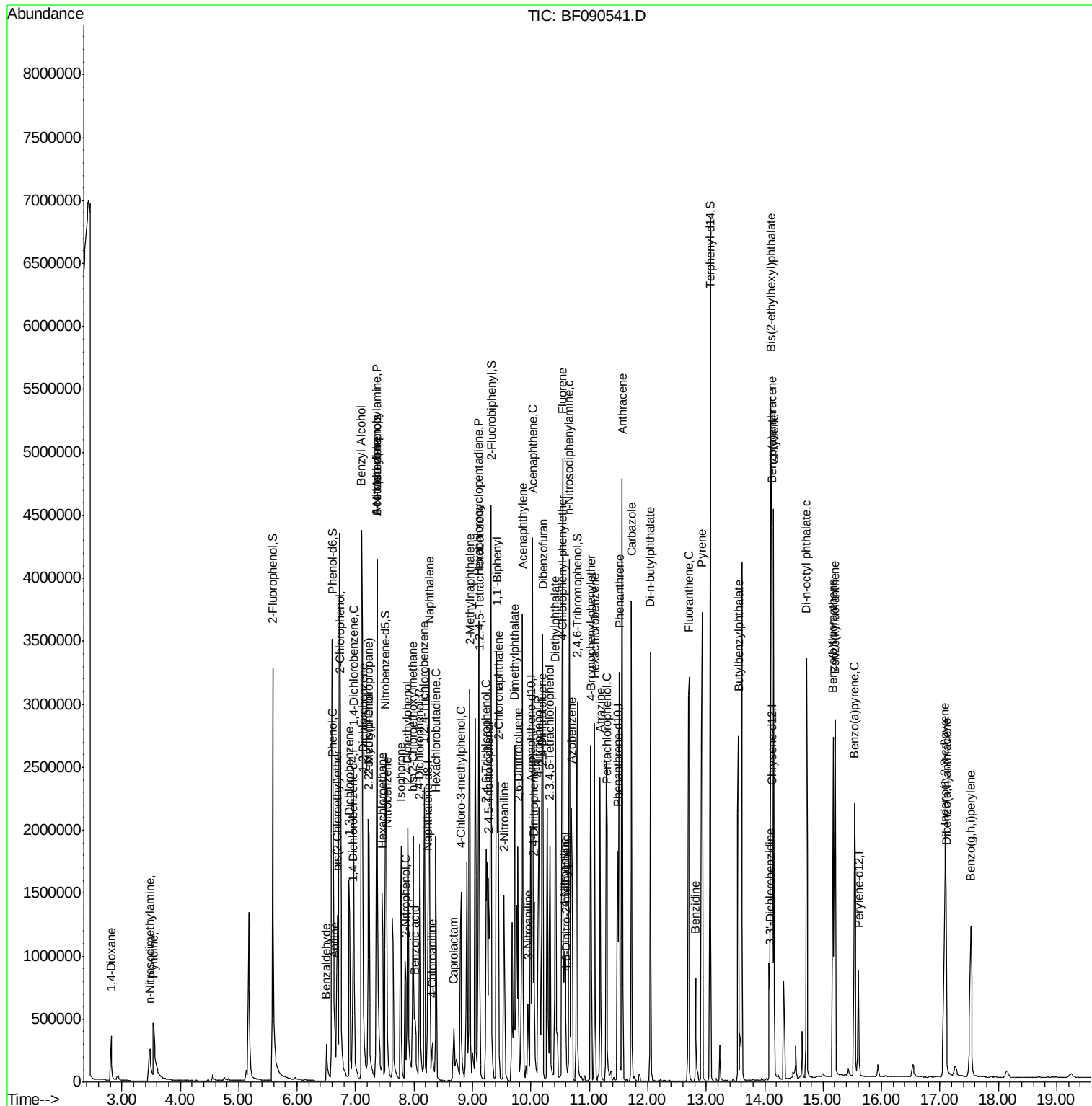
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

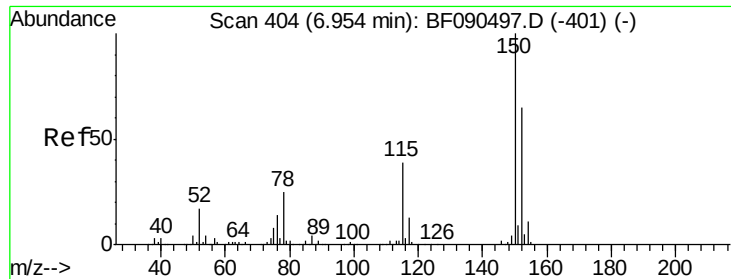
Instrument :
BNA_F
ClientSampleID :
WC-1MSD

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

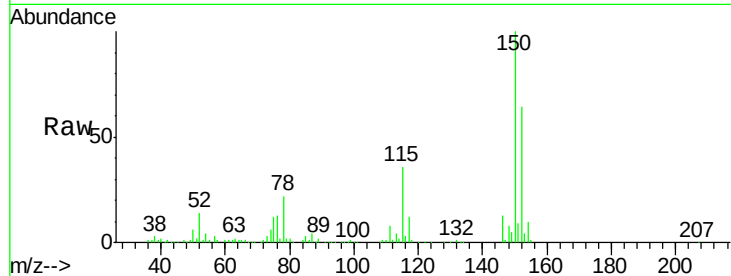
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Instrument :
BNA_F
ClientSampled :
WC-1MSD

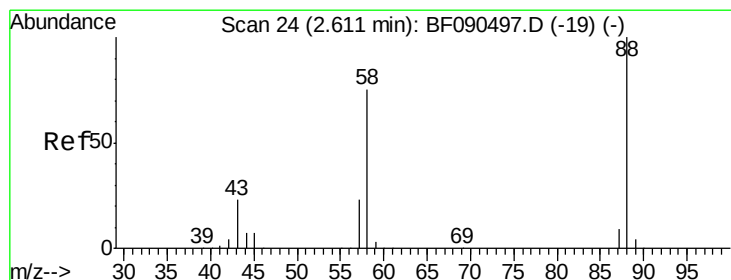
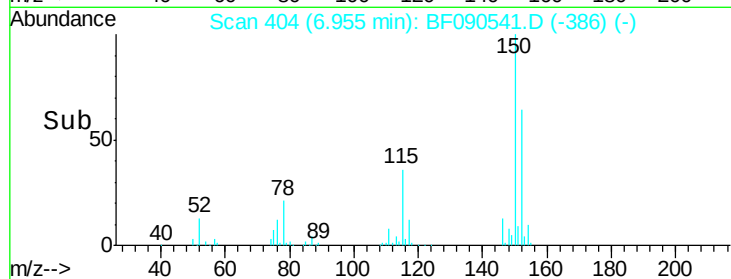
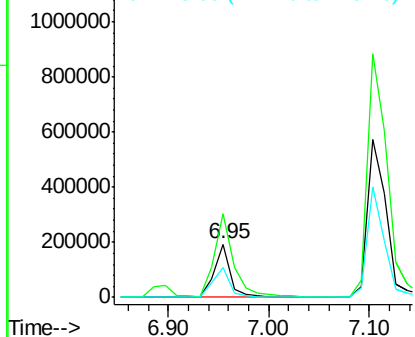
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	56.4	46.2	69.4

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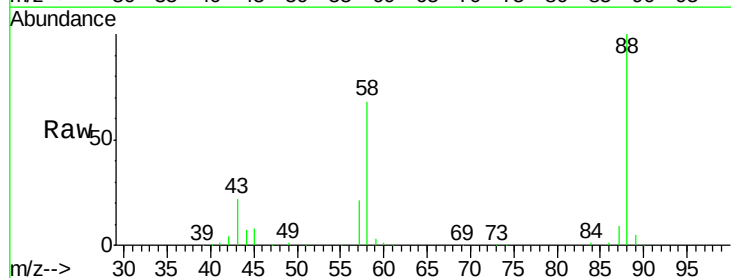
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



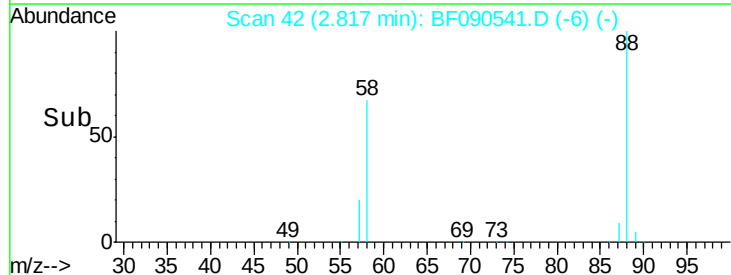
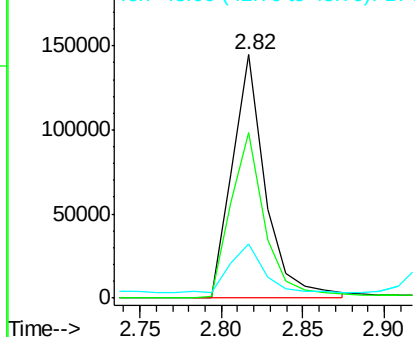
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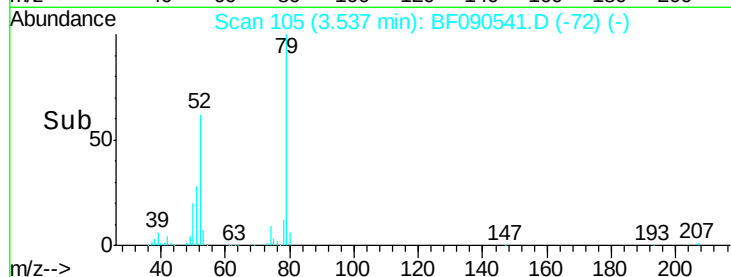
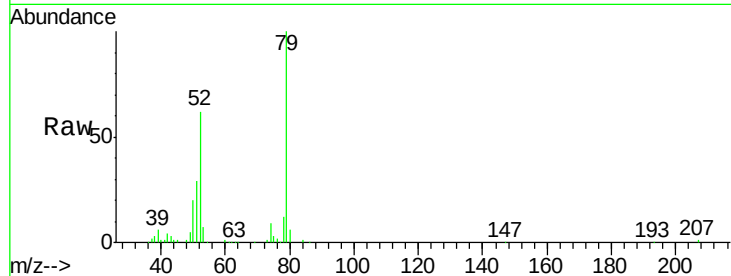
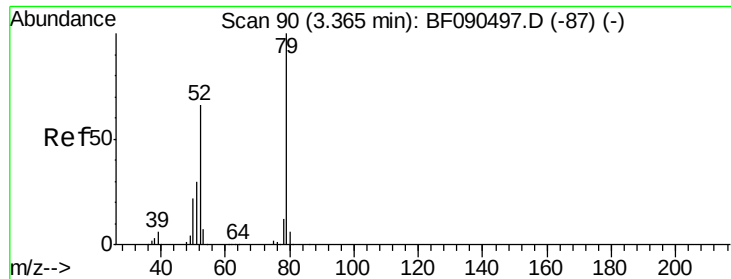
1,4-Dioxane
Concen: 30.09 ng m
RT: 2.82 min Scan# 42
Delta R.T. 0.21 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

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





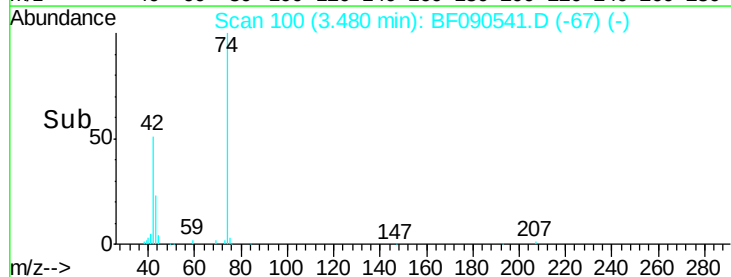
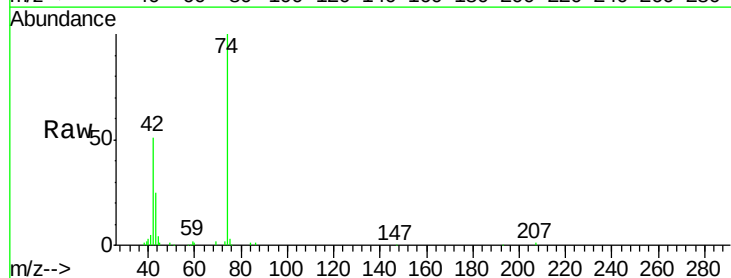
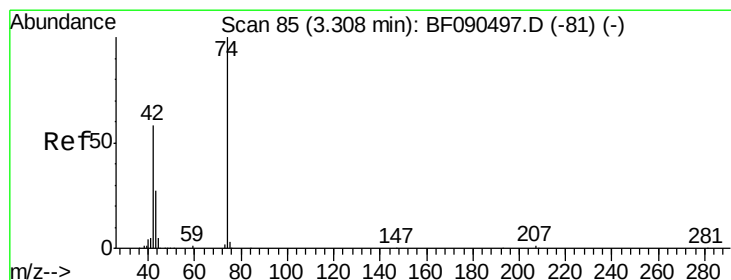
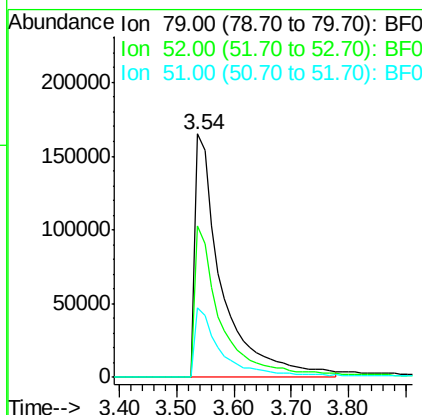
#3
 Pvridine
 Concen: 28.00 ng m
 RT: 3.54 min Scan# 105
 Delta R.T. 0.17 min
 Lab File: BF090541.D
 Acq: 12 Oct 2016 17:54

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.1	71.3	106.9#
51	28.6	34.5	51.7#

Instrument :
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 ClientSampleId :
 WC-1MSD

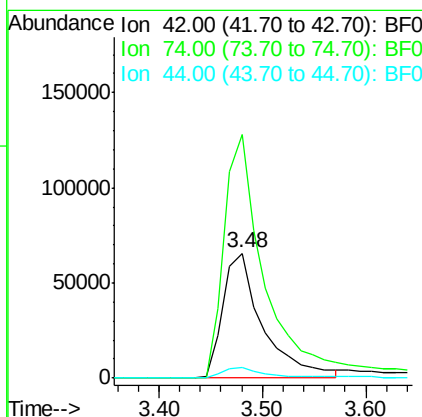
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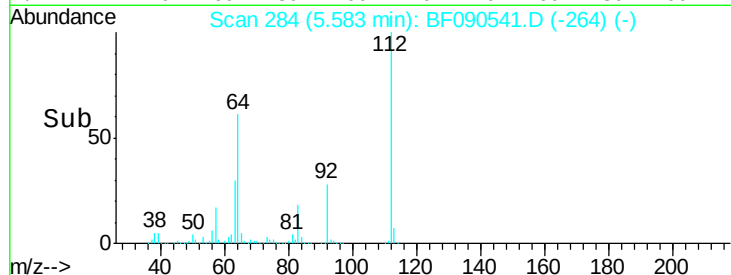
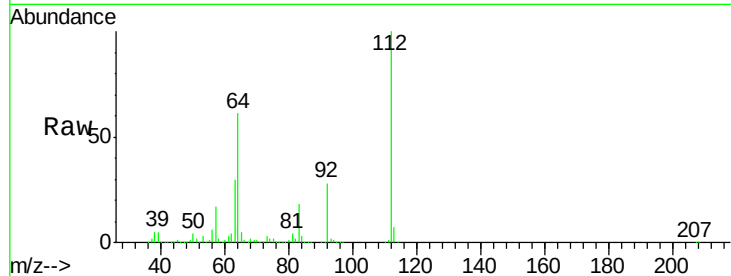
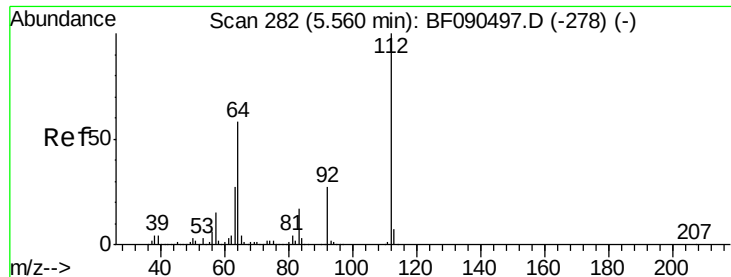
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#4
 n-Nitrosodimethylamine
 Concen: 28.45 ng m
 RT: 3.48 min Scan# 100
 Delta R.T. 0.17 min
 Lab File: BF090541.D
 Acq: 12 Oct 2016 17:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	194.8	88.9	133.3#
44	8.1	6.5	9.7





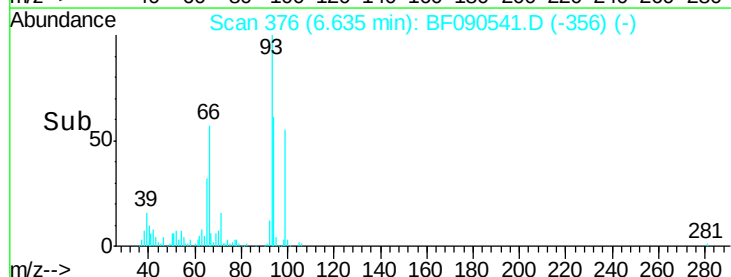
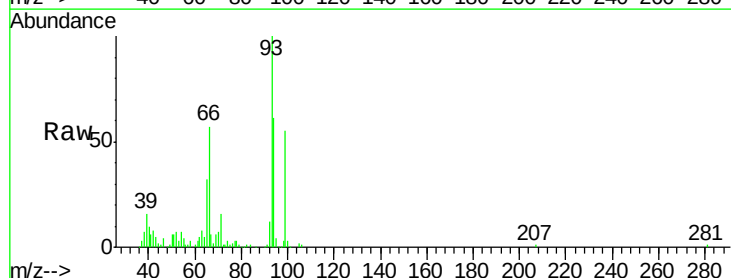
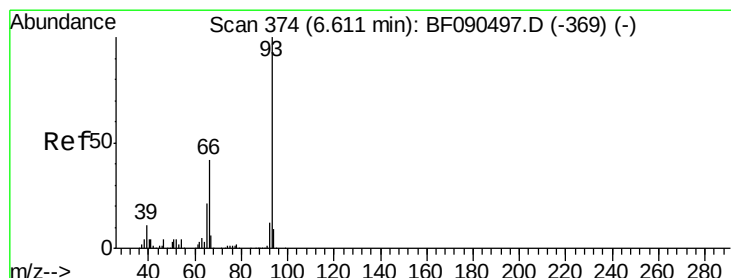
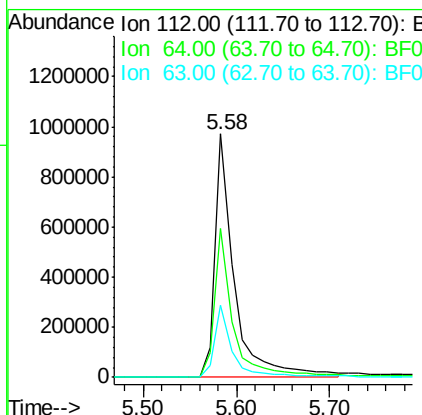
#5
2-Fluorophenol
Concen: 100.60 ng
RT: 5.58 min Scan# 284
Delta R.T. 0.02 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Tot Ion: 112 Resp: 1404670
Ion Ratio Lower Upper
112 100
64 61.2 57.9 86.9
63 29.7 29.6 44.4

Instrument :
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ClientSampleId :
WC-1MSD

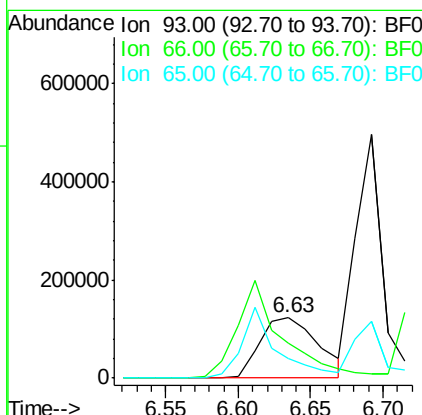
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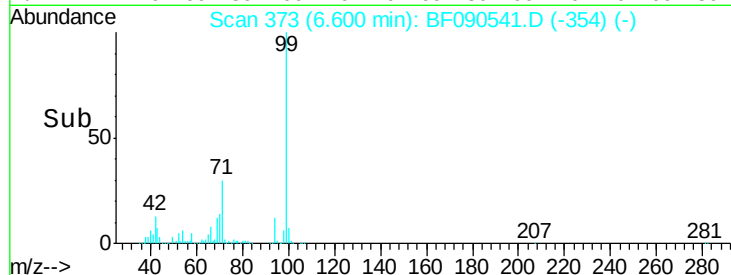
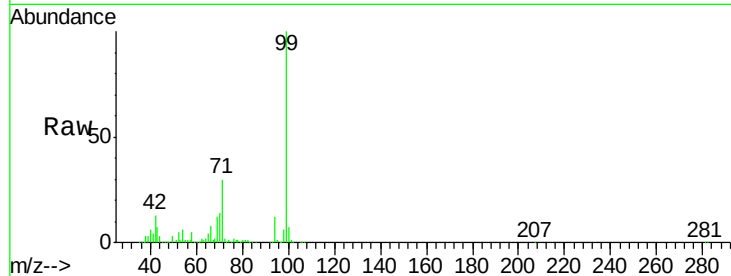
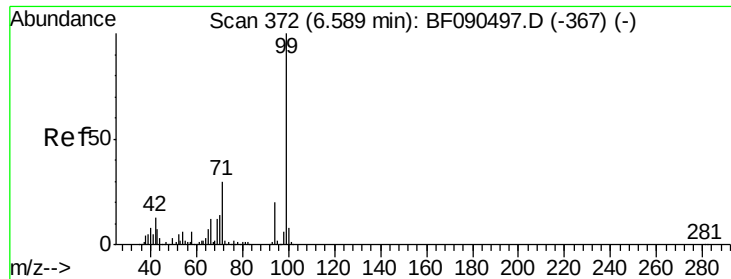
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#6
Aniline
Concen: 15.36 ng
RT: 6.63 min Scan# 376
Delta R.T. 0.02 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Tgt Ion: 93 Resp: 343288
Ion Ratio Lower Upper
93 100
66 57.0 34.5 51.7#
65 31.8 18.2 27.2#





#7

Phenol-d6

Concen: 107.73 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Tot Ion: 99 Resp: 1898352

Ion Ratio Lower Upper

99 100

42 12.7 20.0 30.0#

71 30.4 27.9 41.9

Instrument :

BNA_F

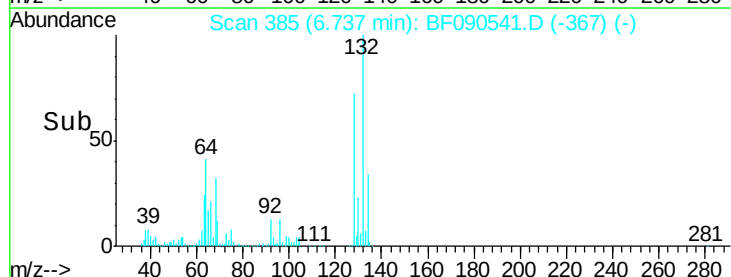
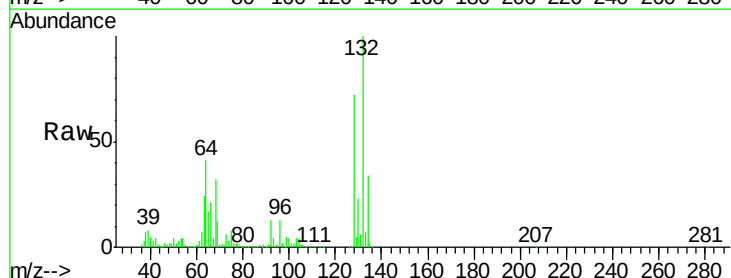
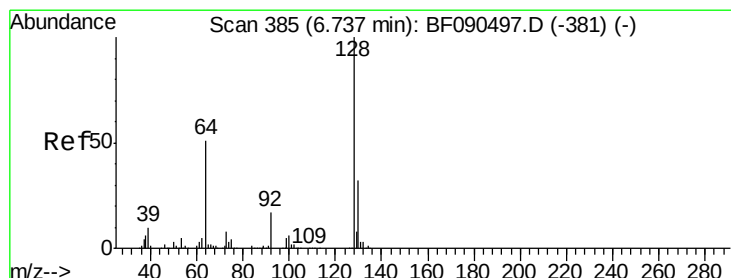
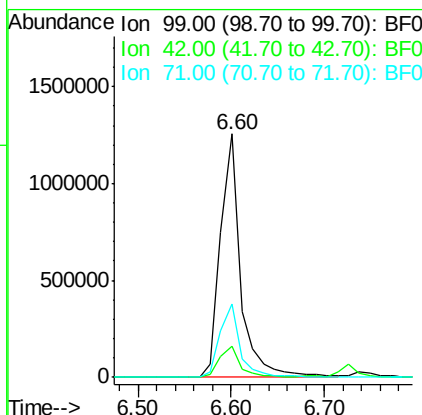
ClientSampled :

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Manual Integrations

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#8

2-Chlorophenol

Concen: 41.32 ng

RT: 6.74 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

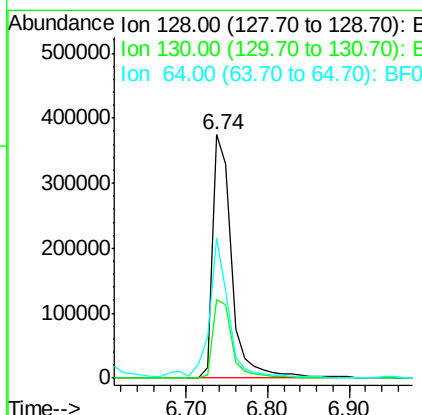
Tgt Ion: 128 Resp: 613838

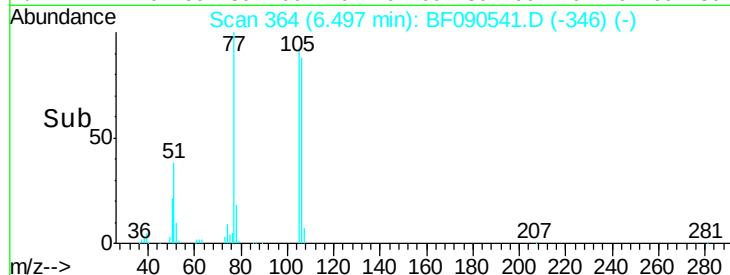
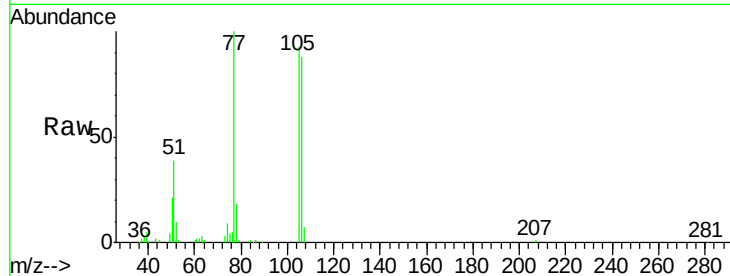
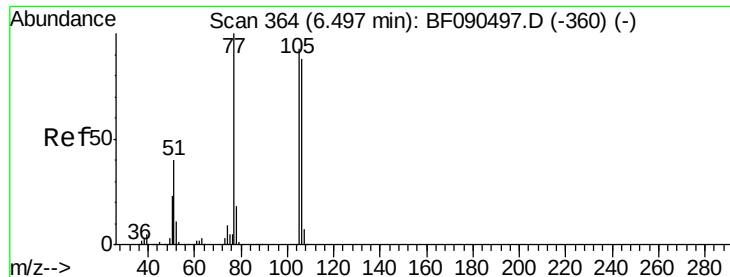
Ion Ratio Lower Upper

128 100

130 32.1 13.3 53.3

64 57.4 36.0 76.0





#9

Benzaldehyde

Concen: 12.66 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Tot Ion:	77	Resp:	140534
Ion Ratio	Lower	Upper	
77	100		
105	93.0	73.1	113.1
106	88.4	70.2	110.2

Instrument :

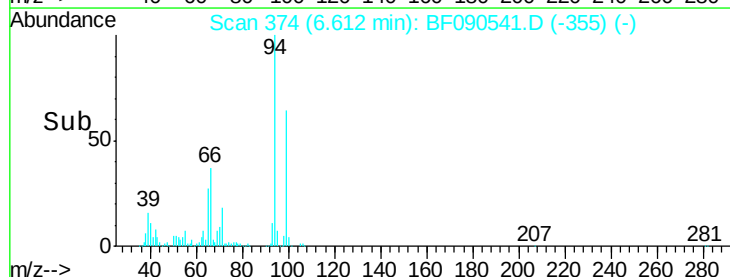
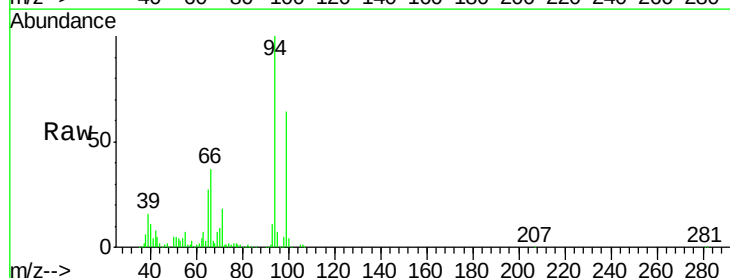
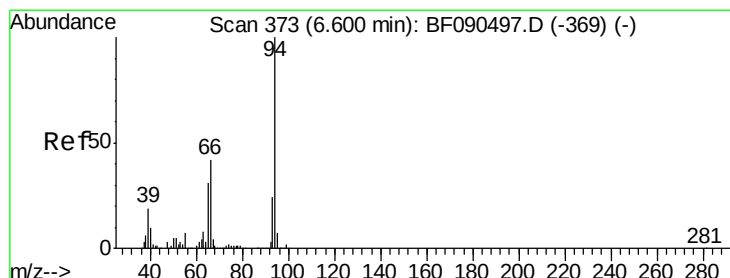
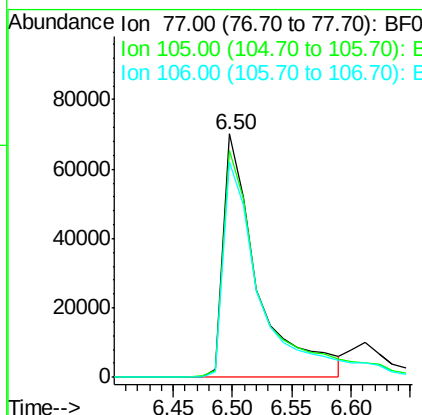
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ClientSampleId :

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#10

Phenol

Concen: 35.09 ng

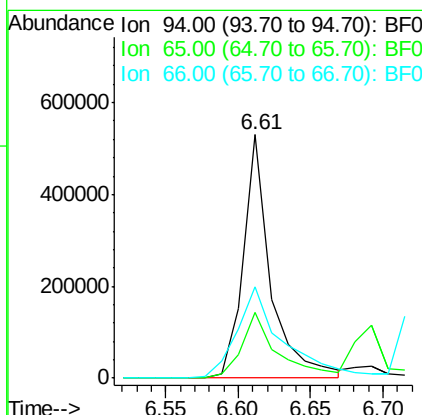
RT: 6.61 min Scan# 374

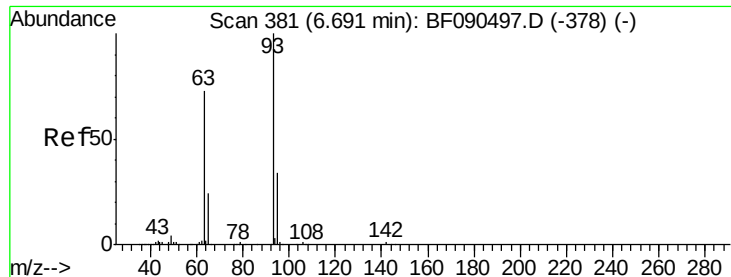
Delta R.T. 0.01 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Tgt Ion:	94	Resp:	697551
Ion Ratio	Lower	Upper	
94	100		
65	27.1	13.3	53.3
66	37.4	20.4	60.4





#11

bis(2-Chloroethyl)ether

Concen: 45.36 ng

RT: 6.69 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

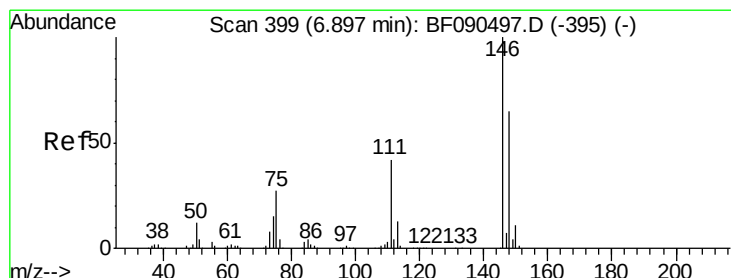
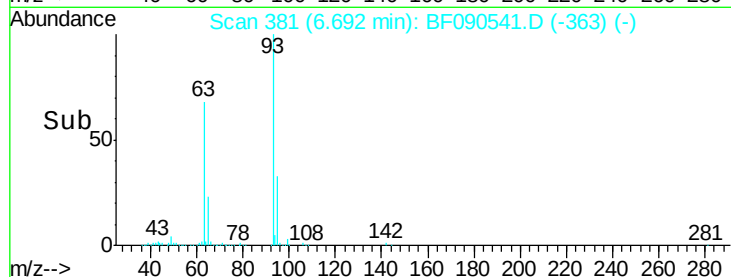
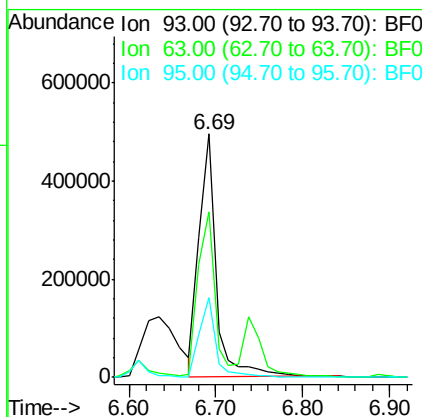
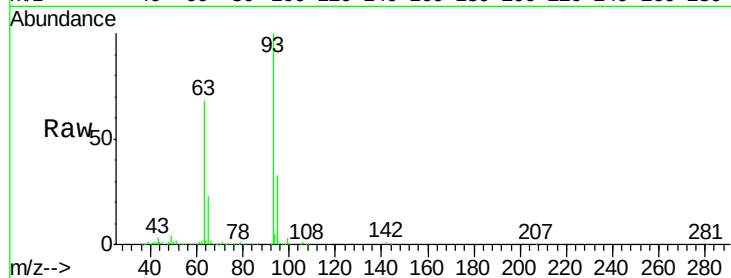
ClientSampleId :

WC-1MSD

Tot Ion:	93	Resp:	674861
Ion	Ratio	Lower	Upper
93	100		
63	68.1	59.7	99.7
95	32.8	14.0	54.0

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#12

1,3-Dichlorobenzene

Concen: 39.71 ng

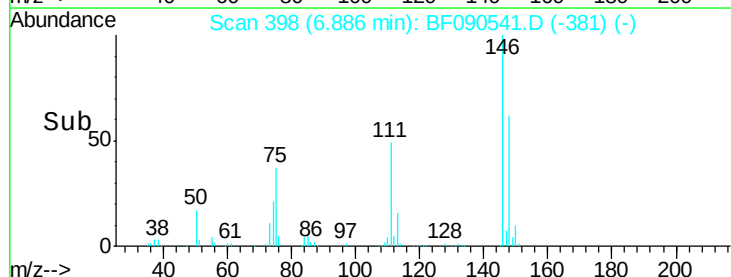
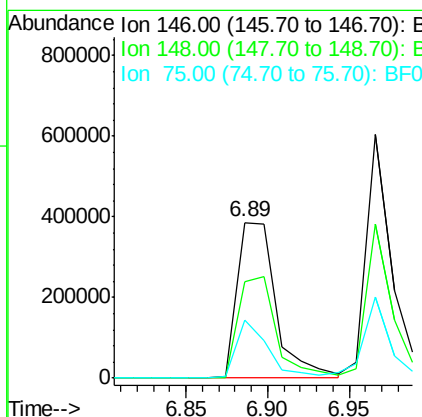
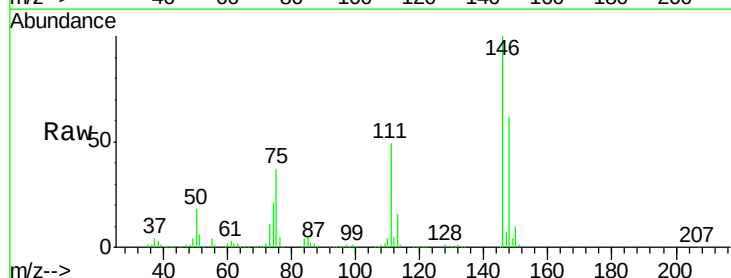
RT: 6.89 min Scan# 398

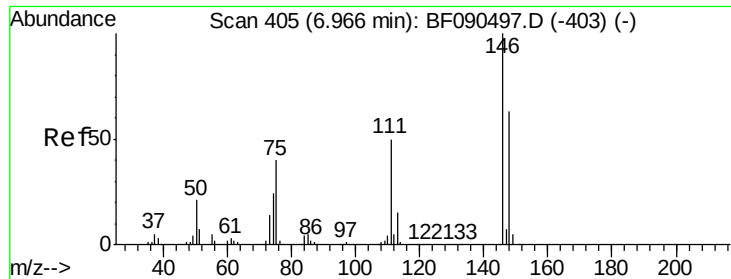
Delta R.T. -0.01 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Tgt Ion:	146	Resp:	636453
Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.2	78.4
75	37.4	21.4	32.2#





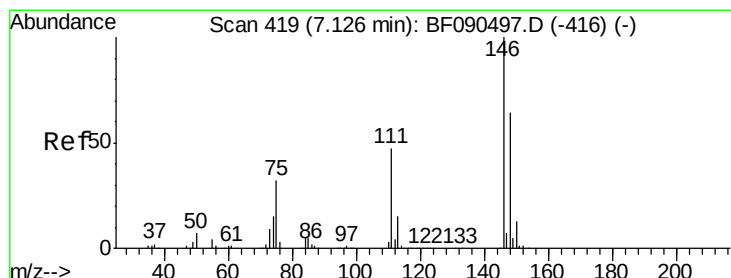
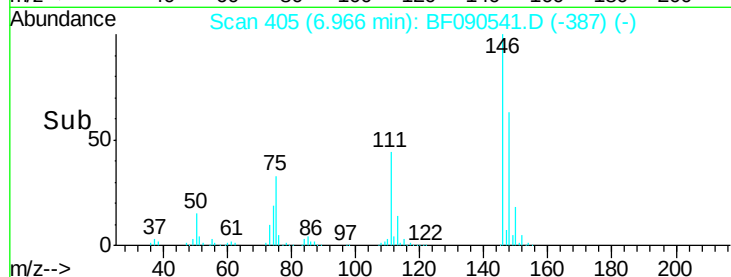
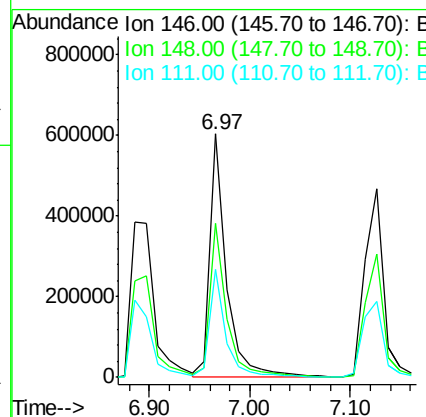
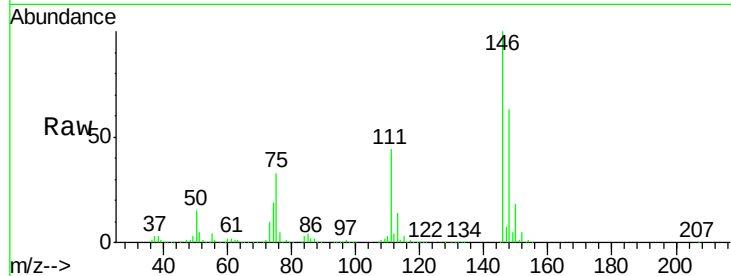
#13
 1,4-Dichlorobenzene
 Concen: 42.17 ng
 RT: 6.97 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF090541.D
 Acq: 12 Oct 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	689535		
148	63.3		51.1	76.7
111	44.2		37.8	56.6

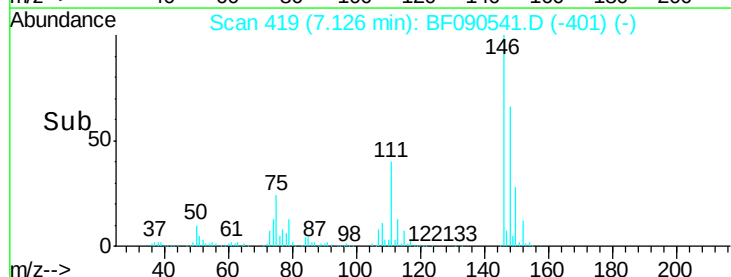
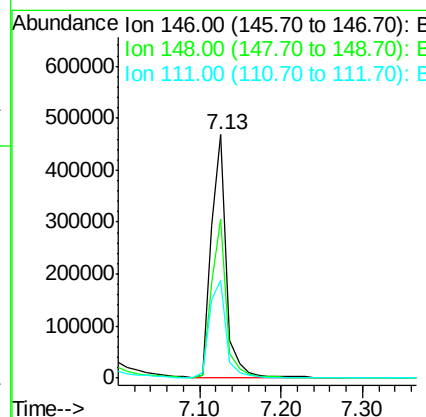
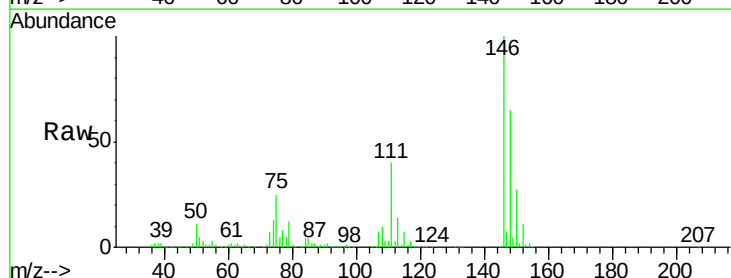
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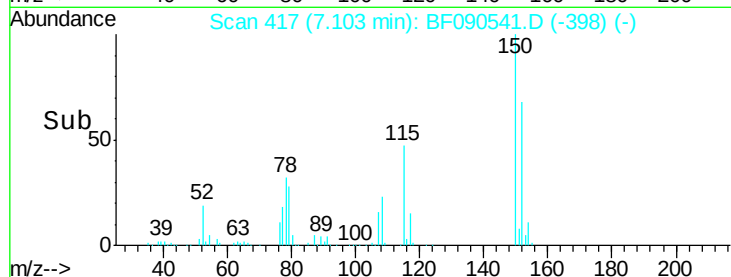
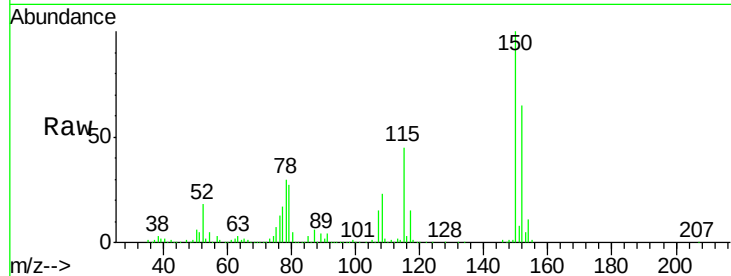
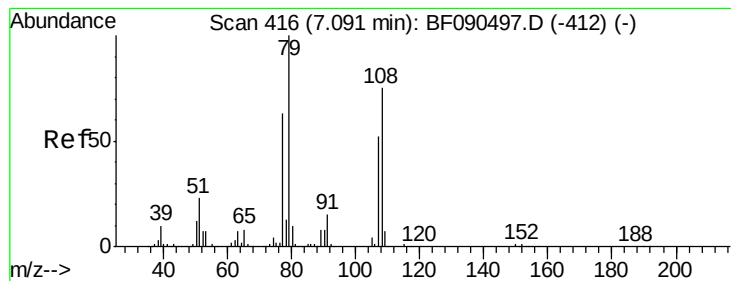
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#14
 1,2-Dichlorobenzene
 Concen: 41.03 ng
 RT: 7.13 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF090541.D
 Acq: 12 Oct 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	609692		
148	65.5		52.3	78.5
111	40.1		38.2	57.4





#15

Benzyl Alcohol

Concen: 37.61 ng

RT: 7.10 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Tot Ion:	79	Resp:	508823
Ion Ratio	Lower	Upper	
79	100		
108	84.2	60.9	91.3
77	64.2	51.5	77.3

Instrument :

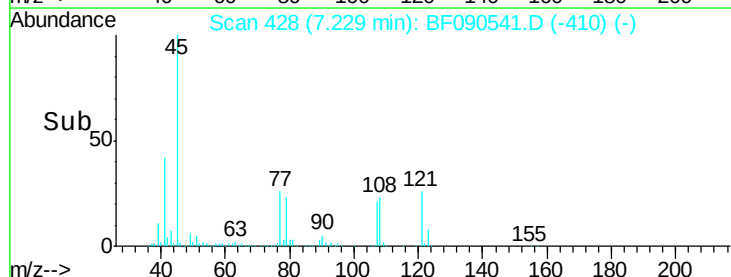
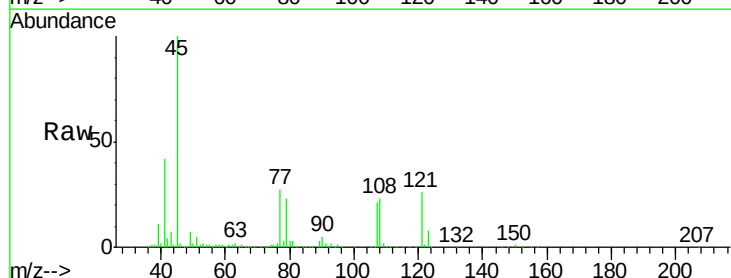
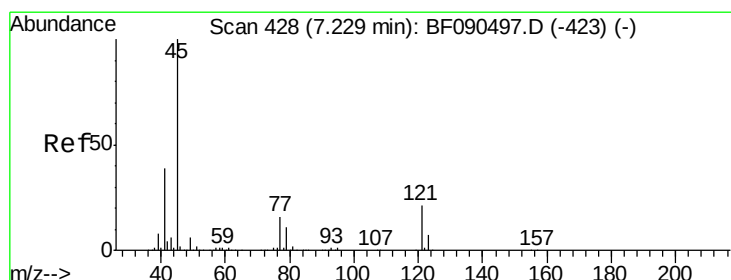
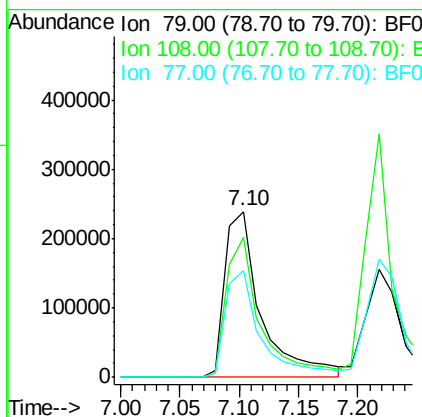
BNA_F

ClientSampleId :

WC-1MSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.63 ng

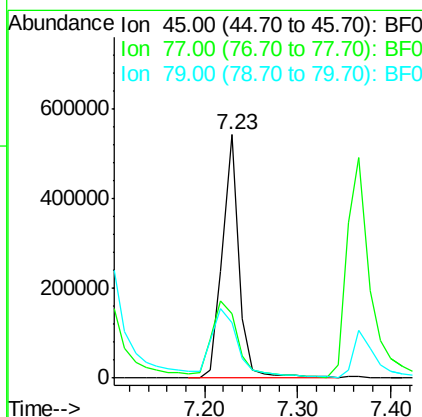
RT: 7.23 min Scan# 428

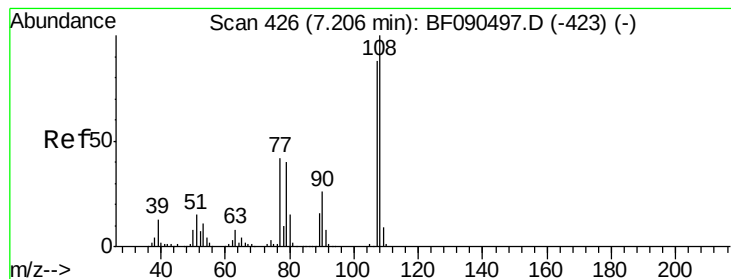
Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Tgt Ion:	45	Resp:	674364
Ion Ratio	Lower	Upper	
45	100		
77	26.5	0.0	30.8
79	22.6	0.0	28.2





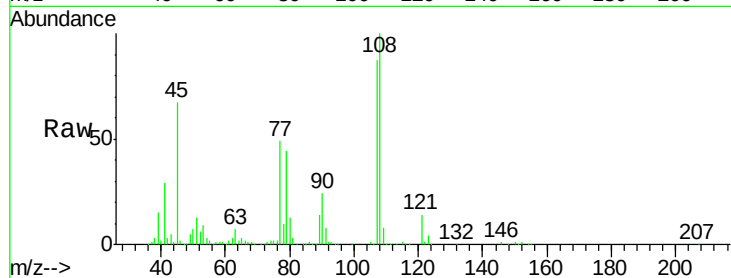
#17
2-Methylphenol
Concen: 41.38 ng
RT: 7.22 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	499867		
108	114.7	90.9	136.3	
77	55.9	38.2	57.4	
79	50.8	37.0	55.4	

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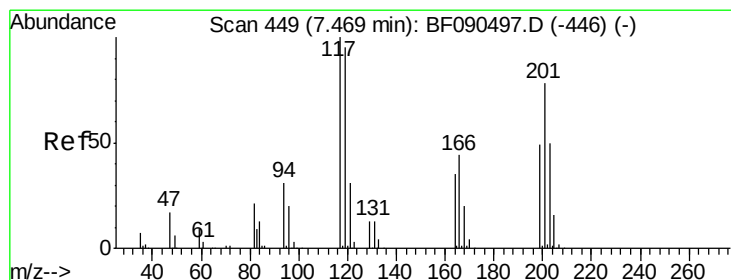
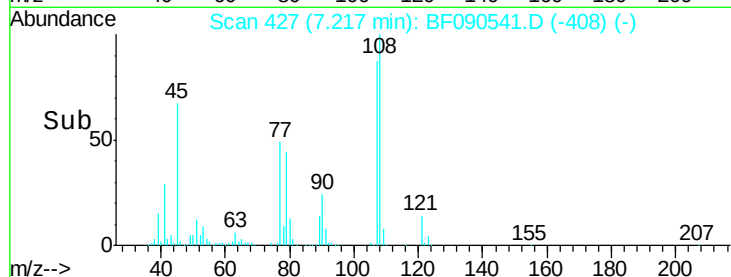
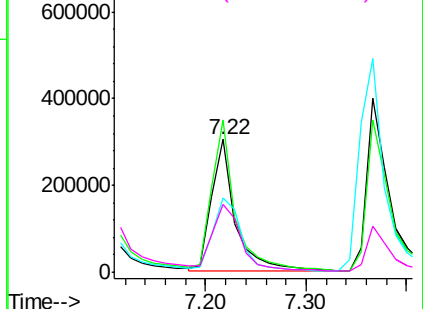
Abundance

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



#18
Hexachloroethane
Concen: 39.60 ng
RT: 7.46 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

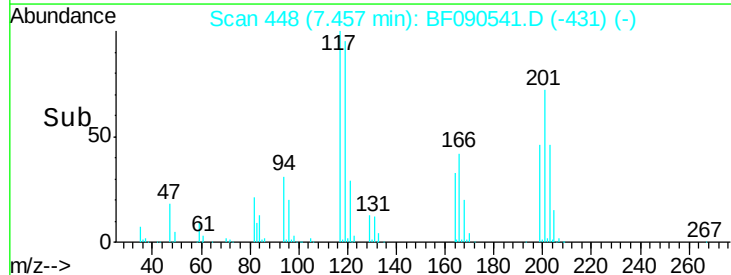
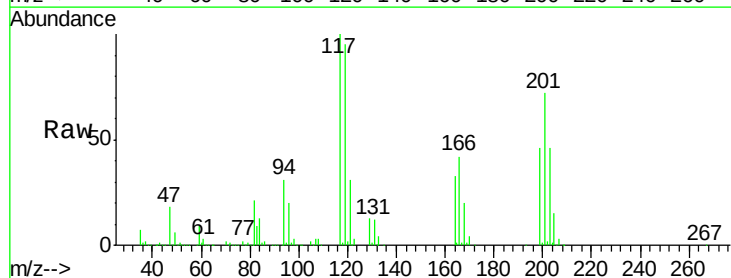
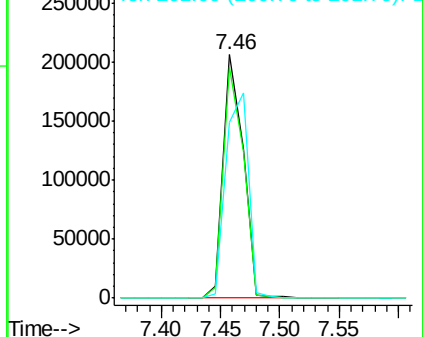
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	238966		
119	94.8	75.9	113.9	
201	72.3	66.5	99.7	

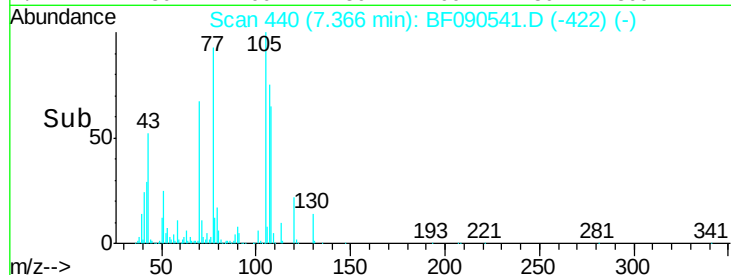
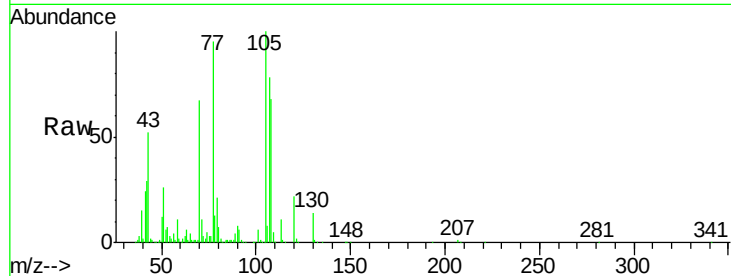
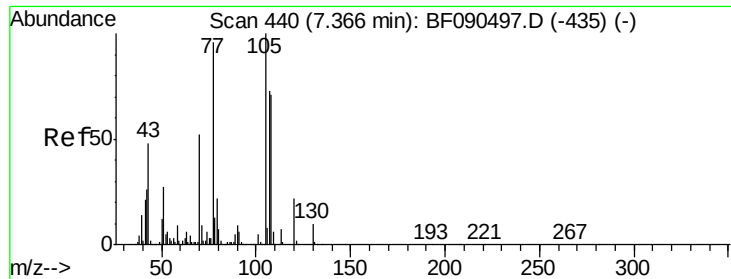
Abundance

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





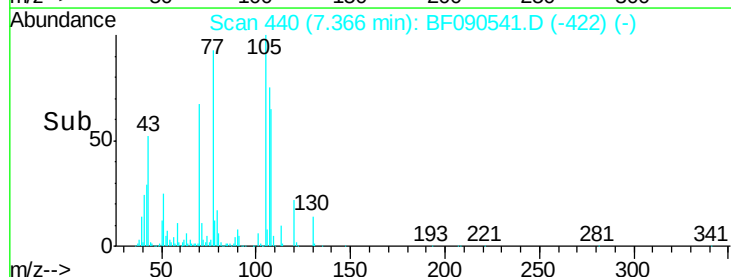
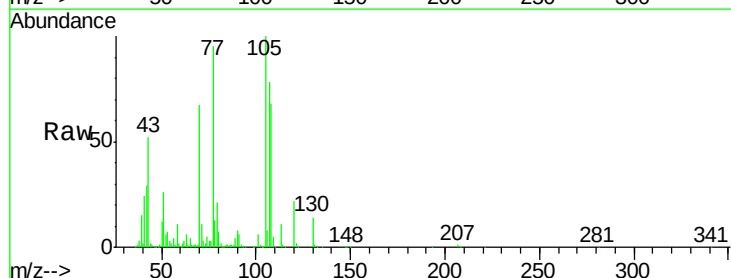
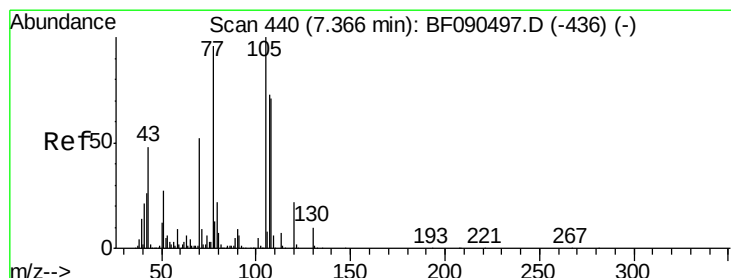
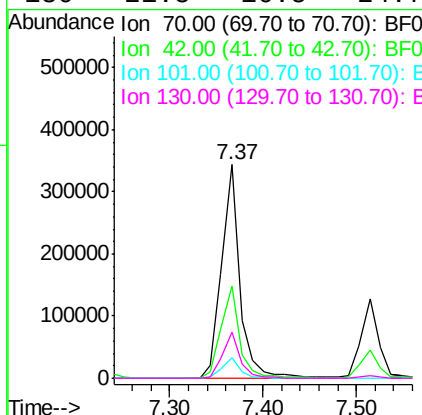
#19
n-Nitroso-di-n-propylamine
Concen: 42.02 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Instrument :
BNA_F
ClientSampled :
WC-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.4	55.4	83.2#	
101	9.5	7.6	11.4	
130	21.5	16.5	24.7	

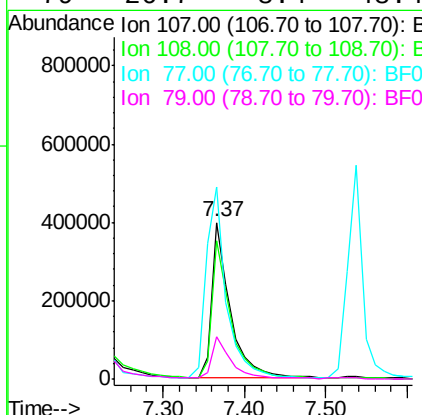
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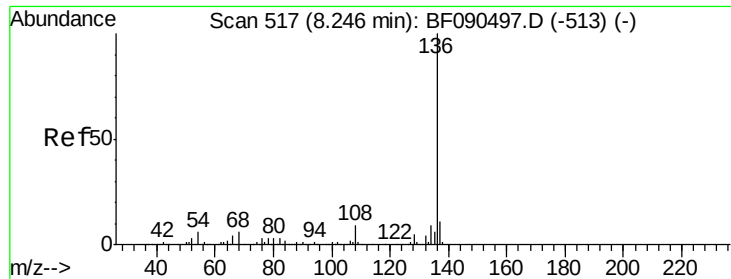
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#20
3+4-Methylphenols
Concen: 40.66 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	66.7	106.7	
77	122.9	53.7	93.7#	
79	26.7	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: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

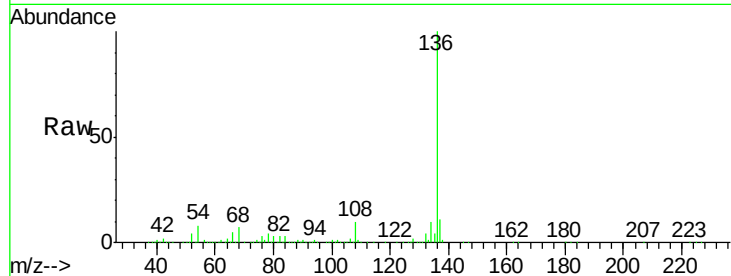
ClientSampleId :

WC-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		891338		
137	11.1		9.0	13.6	
54	7.7		6.6	10.0	
68	7.2		5.0	7.6	

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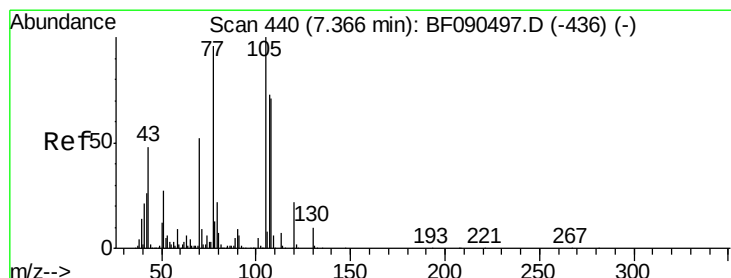
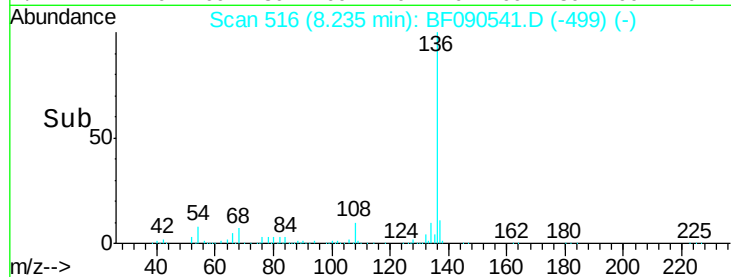
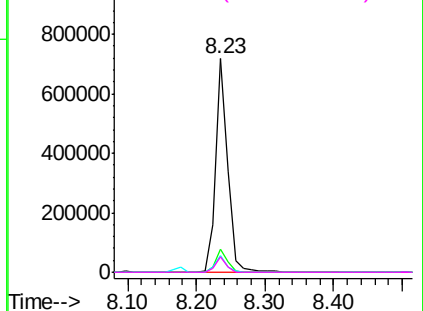


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.34 ng

RT: 7.37 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

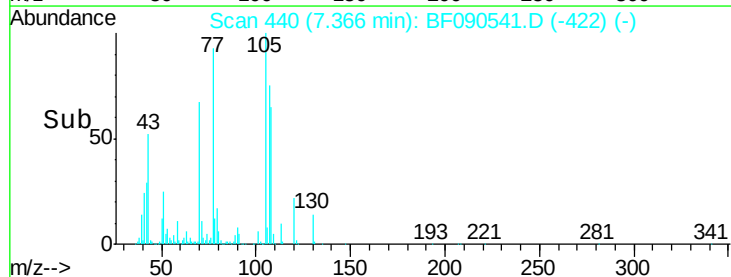
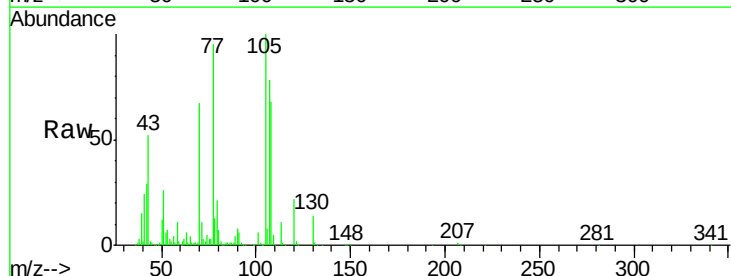
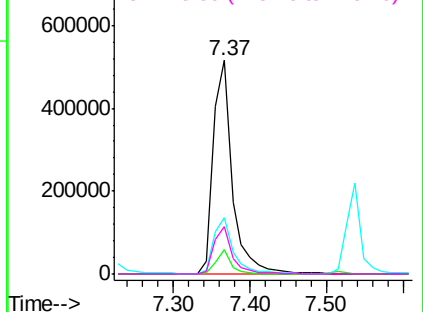
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		889761		
71	11.2		3.8	5.6#	
51	26.3		28.2	42.4#	
120	21.9		17.4	26.2	

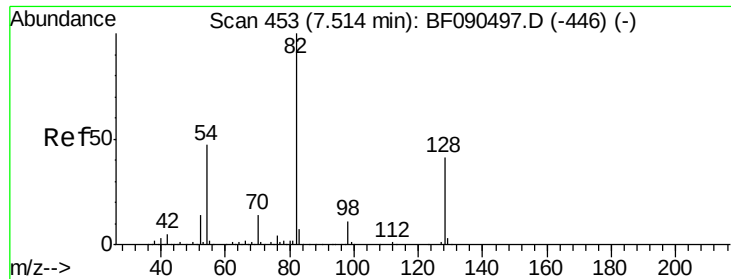
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 76.51 ng

RT: 7.51 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tot Ion: 82 Resp: 1257402

Ion Ratio Lower Upper

82 100

128 44.8 40.0 60.0

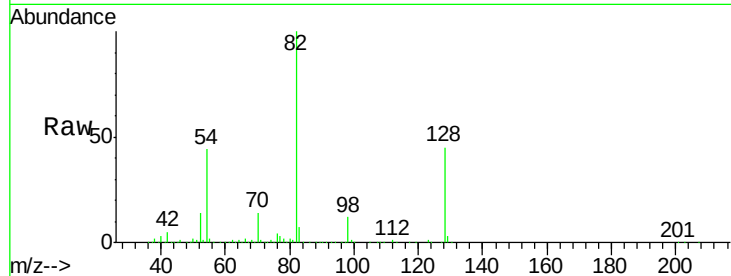
54 43.9 42.6 64.0

Manual Integrations

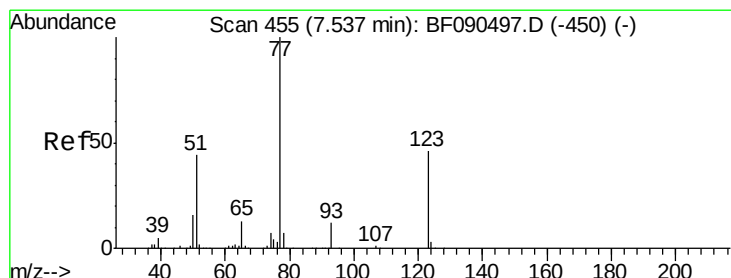
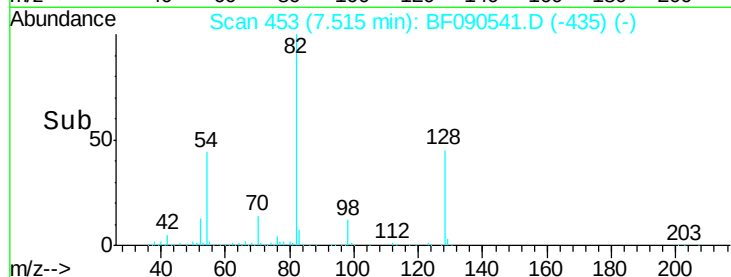
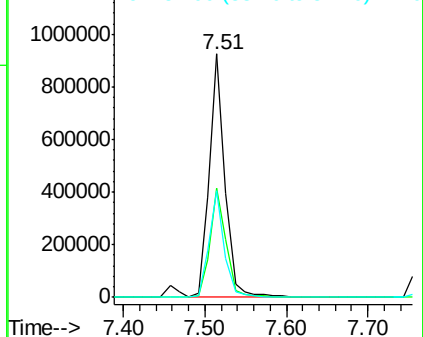
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.78 ng

RT: 7.54 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

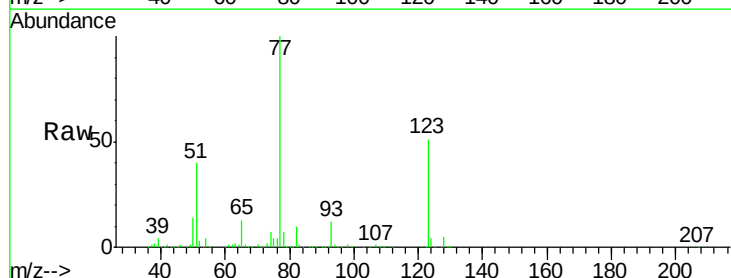
Tgt Ion: 77 Resp: 683573

Ion Ratio Lower Upper

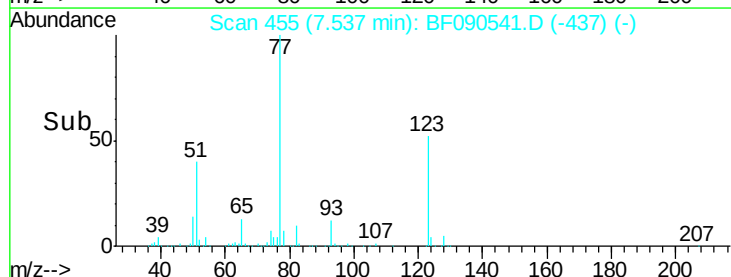
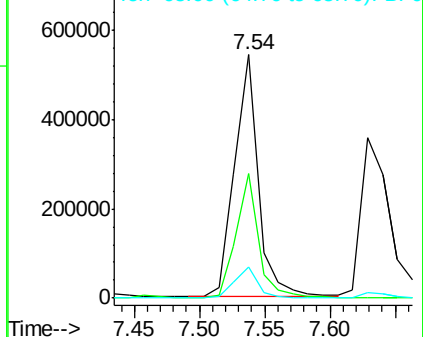
77 100

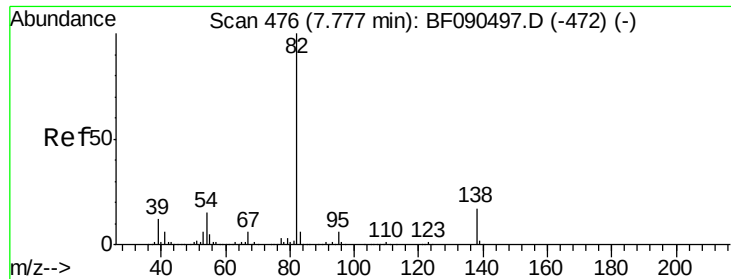
123 51.4 33.0 49.4#

65 12.6 12.0 18.0



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





#25

Isophorone

Concen: 41.10 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

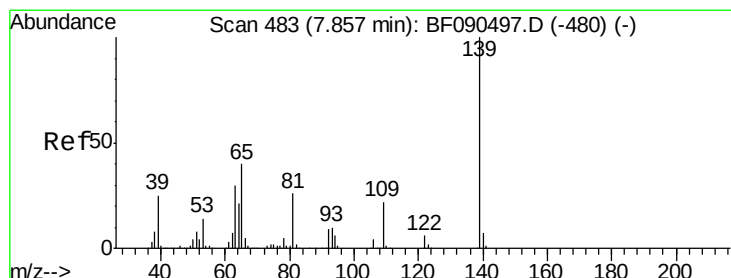
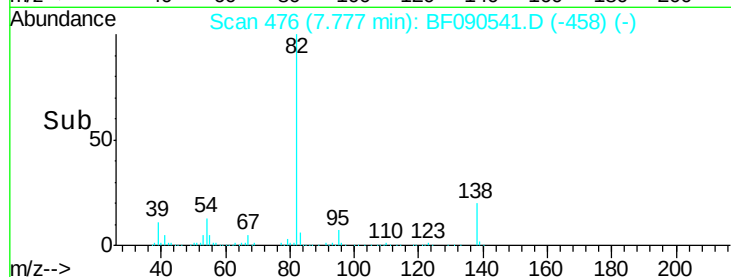
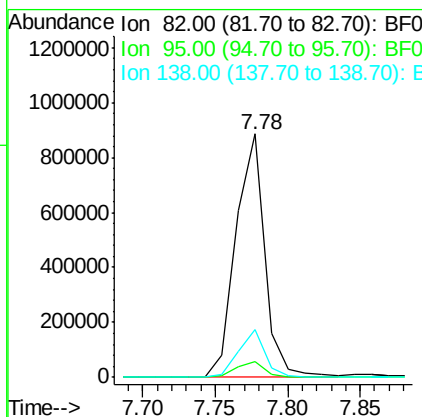
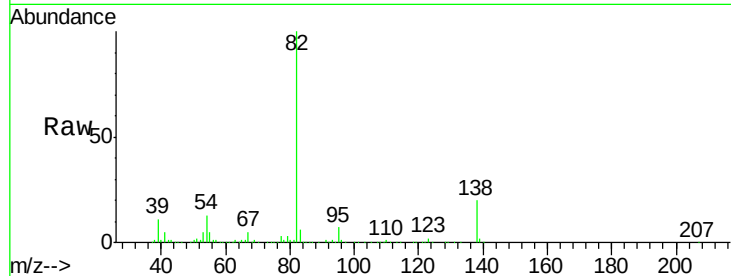
ClientSampleId :

WC-1MSD

Tot Ion:	82	Resp:	1229174
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.2	7.8
138	19.6	13.0	19.4

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#26

2-Nitrophenol

Concen: 41.96 ng

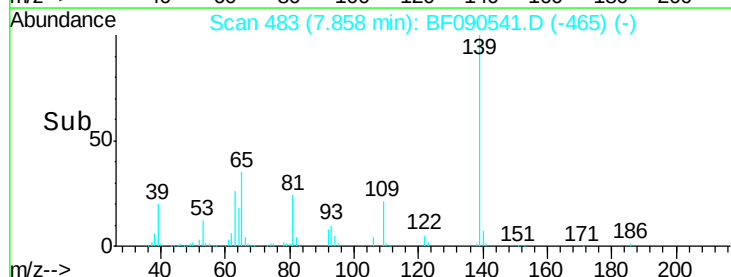
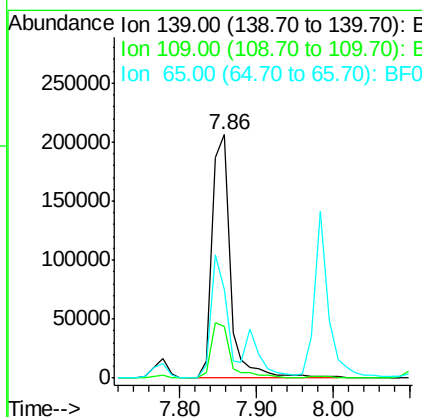
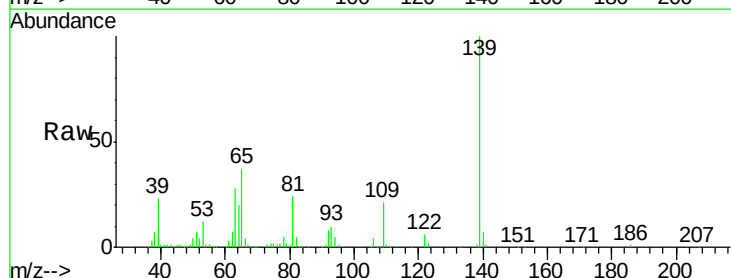
RT: 7.86 min Scan# 483

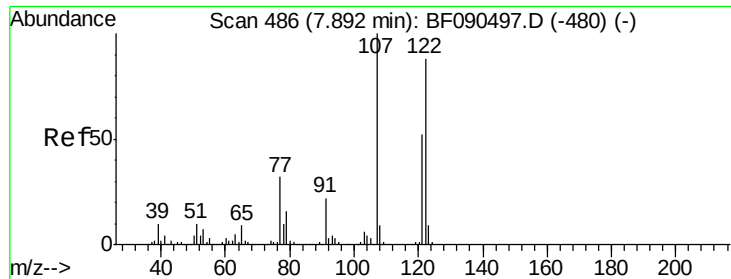
Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Tgt Ion:	139	Resp:	337476
Ion	Ratio	Lower	Upper
139	100		
109	21.1	18.9	28.3
65	36.6	31.6	47.4





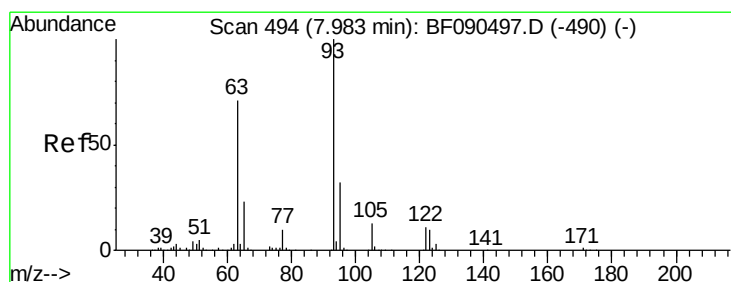
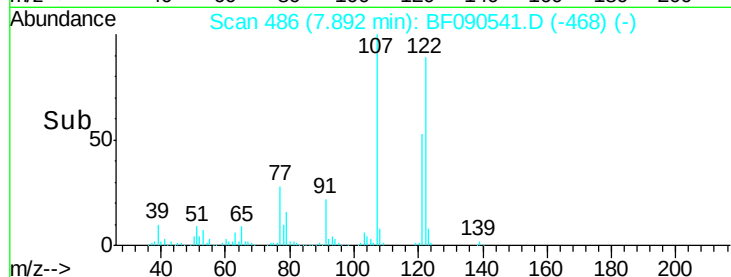
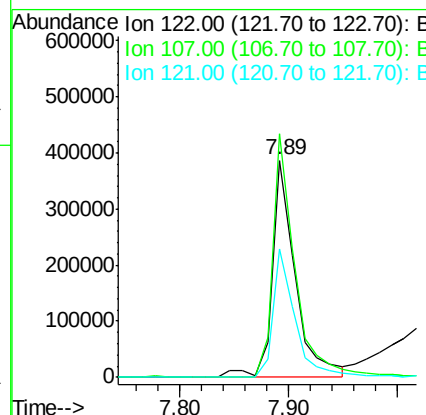
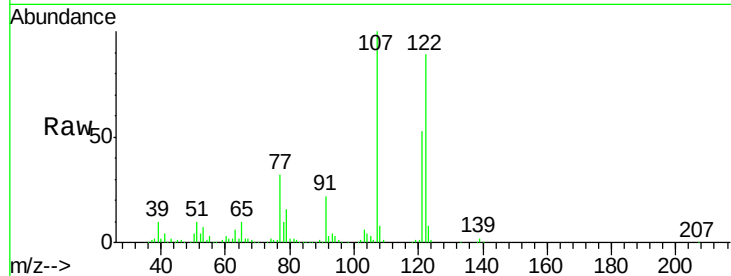
#27
 2,4-Dimethylphenol
 Concen: 41.91 ng
 RT: 7.89 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090541.D
 Acq: 12 Oct 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	572881		
107	112.3		88.6	132.8
121	59.2		47.5	71.3

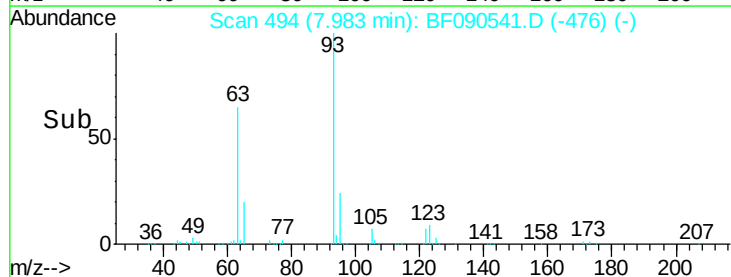
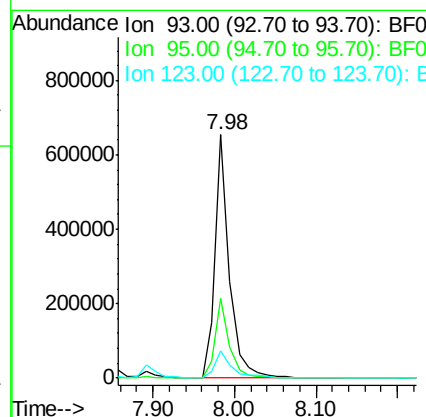
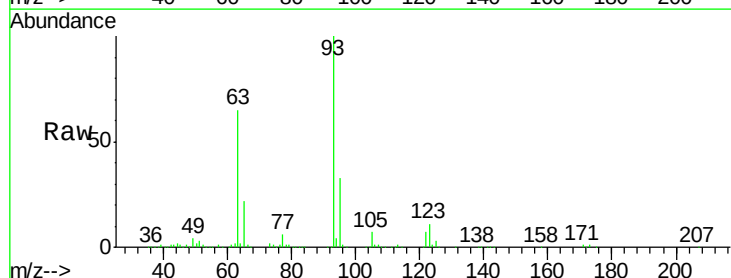
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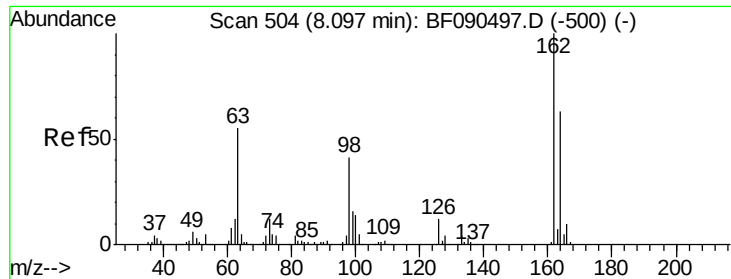
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.84 ng
 RT: 7.98 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF090541.D
 Acq: 12 Oct 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	809742		
95	33.0		27.0	40.4
123	11.3		11.1	16.7





#29

2,4-Dichlorophenol

Concen: 46.48 ng

RT: 8.10 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

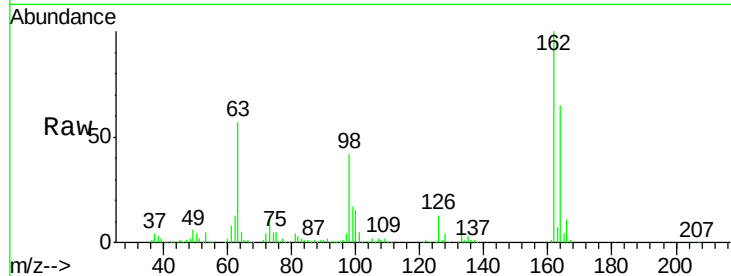
ClientSampled :

WC-1MSD

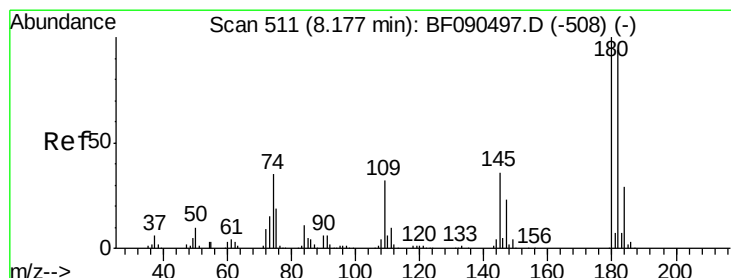
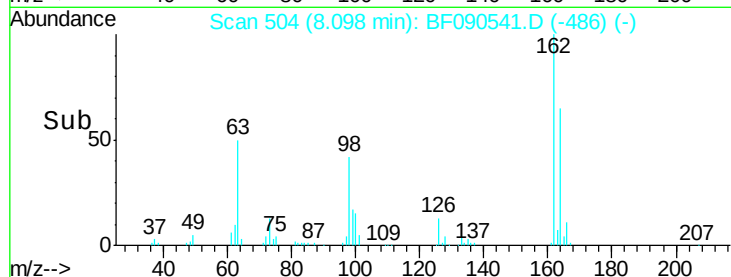
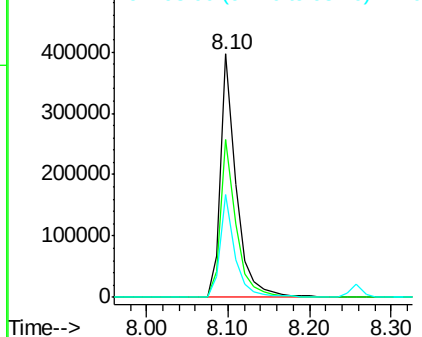
Tot Ion:	162	Resp:	531448
Ion Ratio	Lower	Upper	
162	100		
164	64.8	45.7	85.7
98	42.2	13.3	53.3

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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): BF0



#30

1,2,4-Trichlorobenzene

Concen: 43.89 ng

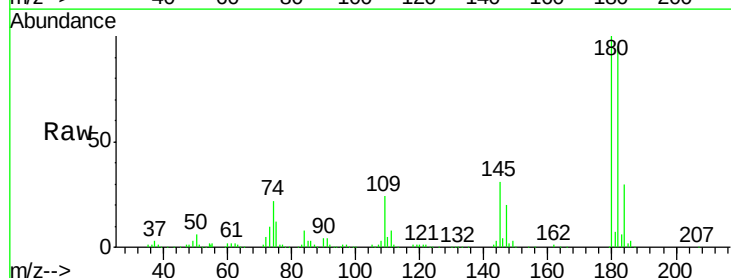
RT: 8.18 min Scan# 511

Delta R.T. 0.00 min

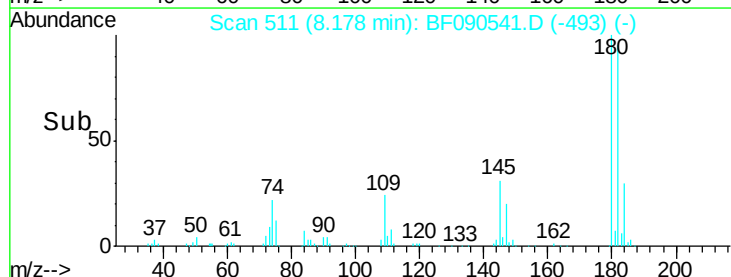
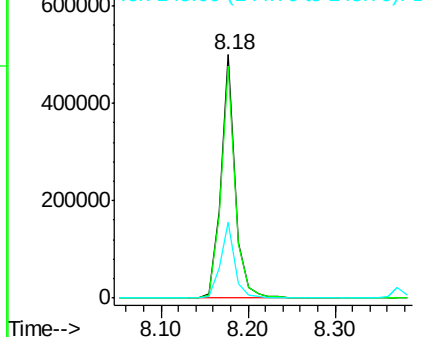
Lab File: BF090541.D

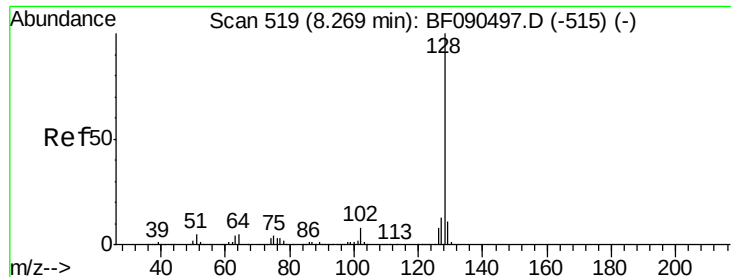
Acq: 12 Oct 2016 17:54

Tgt Ion:	180	Resp:	576370
Ion Ratio	Lower	Upper	
180	100		
182	95.3	75.3	112.9
145	31.2	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: 41.49 ng

RT: 8.26 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tot Ion:128 Resp: 1842432

Ion Ratio Lower Upper

128 100

129 11.9 9.7 14.5

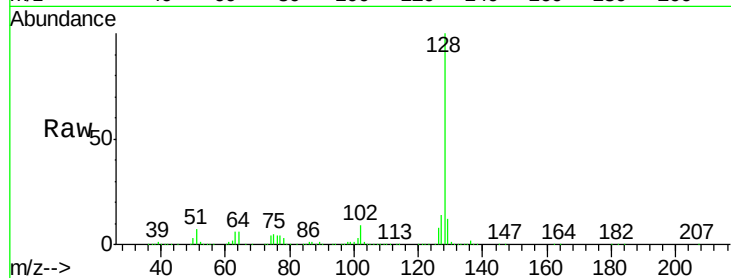
127 13.7 11.7 17.5

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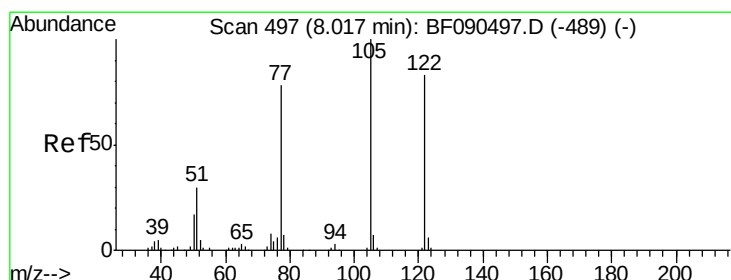
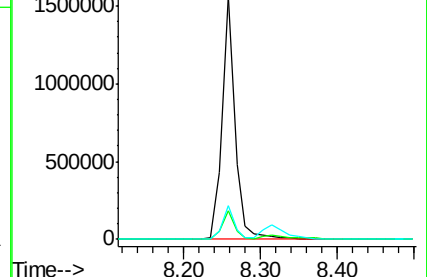
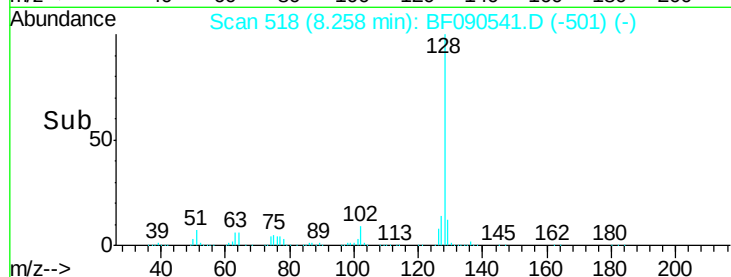
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.87 ng

RT: 8.02 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

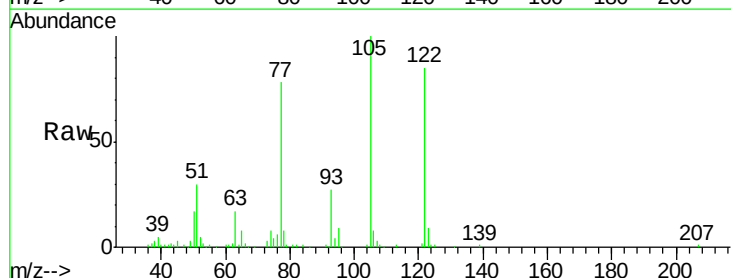
Tgt Ion:122 Resp: 300656

Ion Ratio Lower Upper

122 100

105 117.6 103.9 143.9

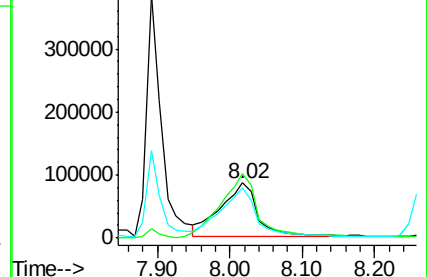
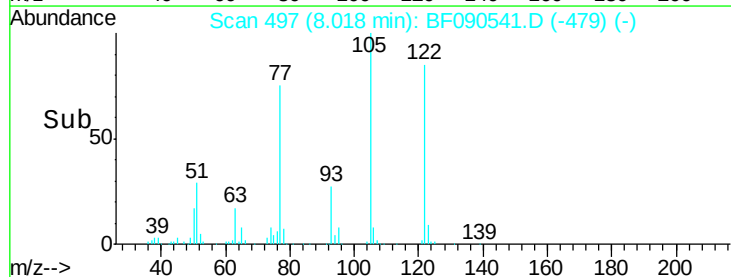
77 91.6 74.6 114.6

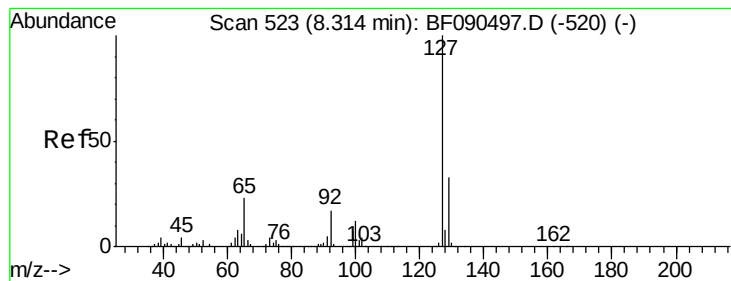


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 10.15 ng

RT: 8.31 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

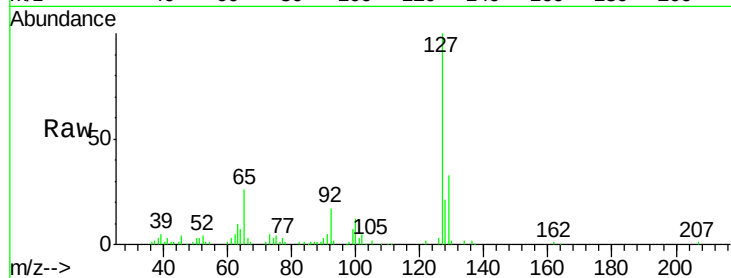
ClientSampleId :

WC-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		190753		
129	33.2	26.2	39.4		
65	26.1	32.5	48.7		
92	17.5	17.2	25.8		

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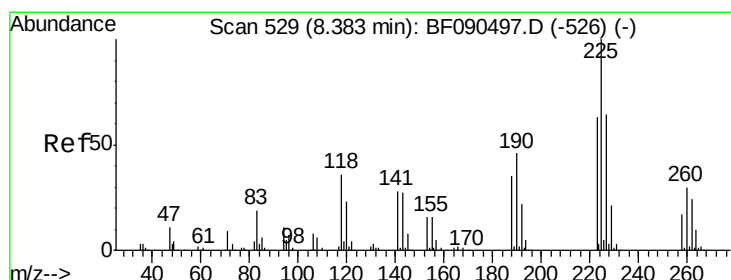
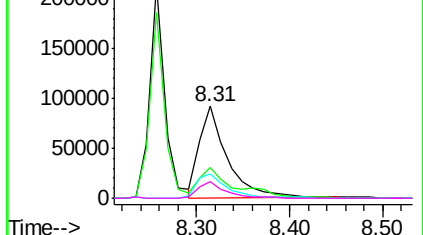
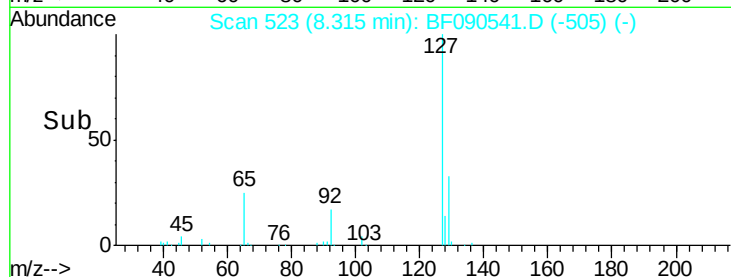


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.83 ng

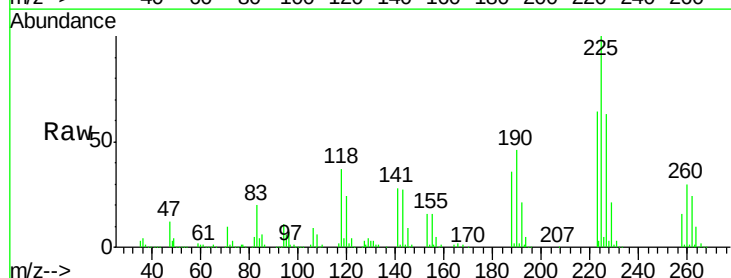
RT: 8.37 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

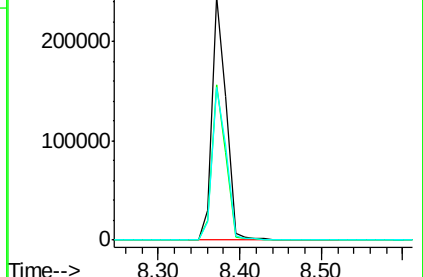
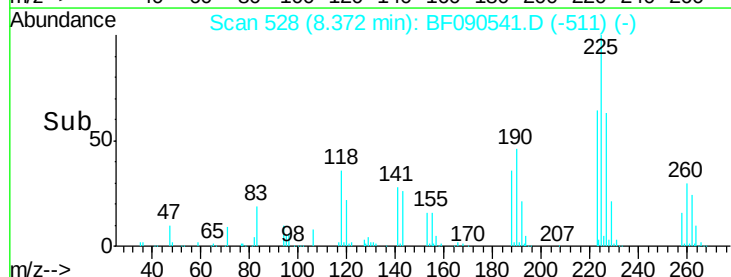
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		299828		
223	63.7	51.0	76.4		
227	62.5	50.8	76.2		

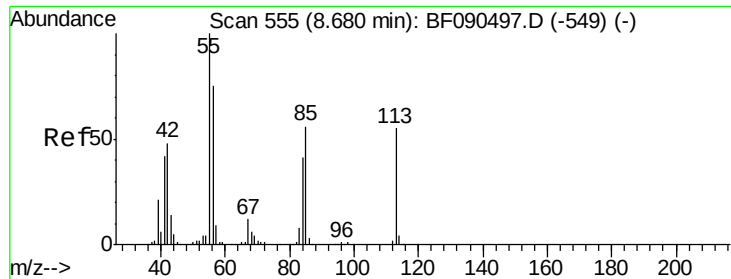


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.39 ng/ml

RT: 8.68 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

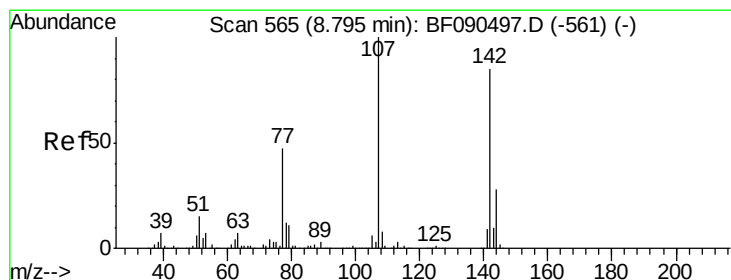
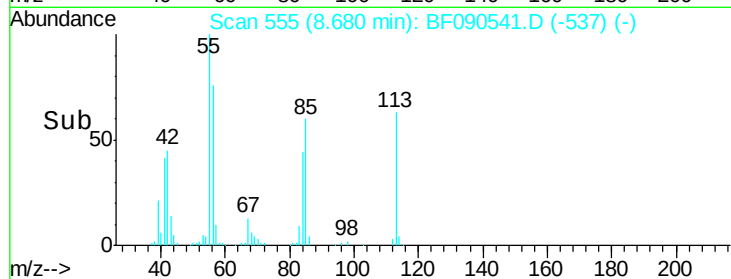
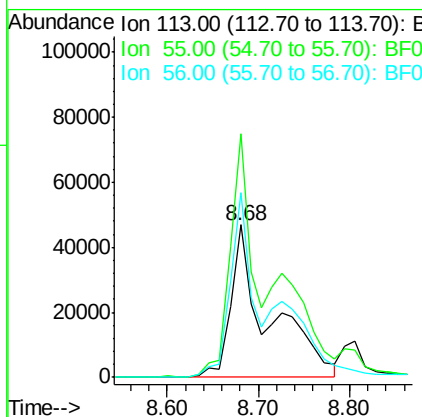
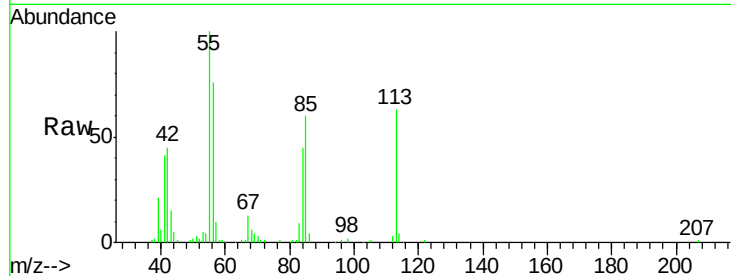
ClientSampleId :

WC-1MSD

Tot Ion:	113	Resp:	134891
Ion Ratio	Lower	Upper	
113	100		
55	159.9	203.3	243.3#
56	121.1	140.5	180.5#

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#36

4-Chloro-3-methylphenol

Concen: 42.99 ng/ml

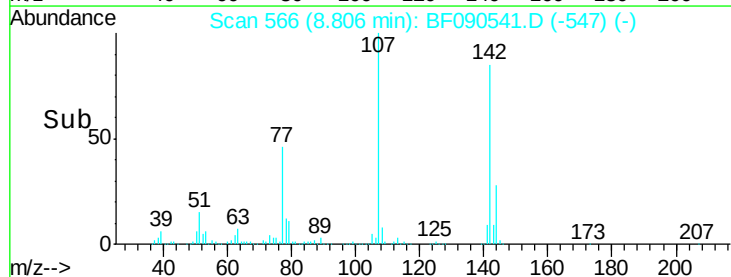
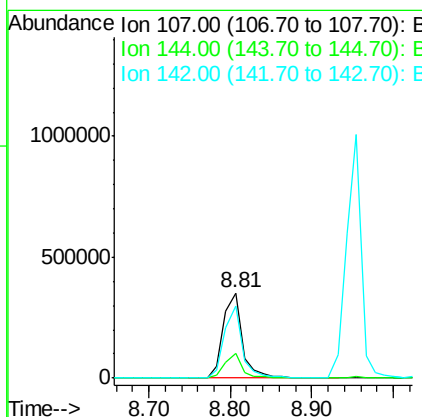
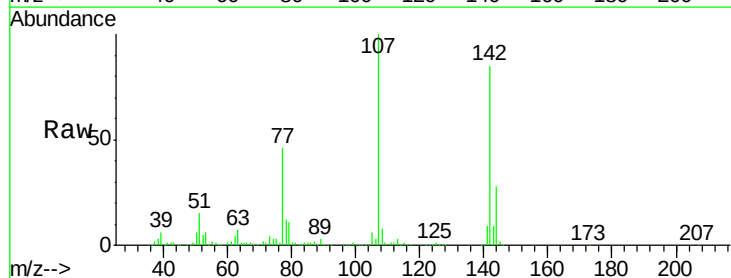
RT: 8.81 min Scan# 566

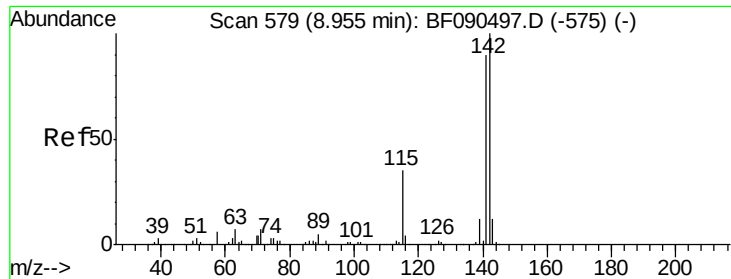
Delta R.T. 0.01 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Tgt Ion:	107	Resp:	574030
Ion Ratio	Lower	Upper	
107	100		
144	28.2	19.8	29.8
142	85.0	60.7	91.1





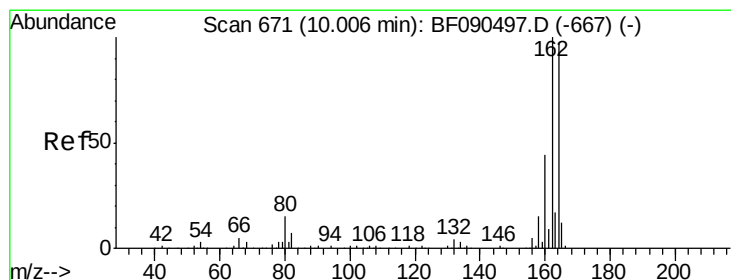
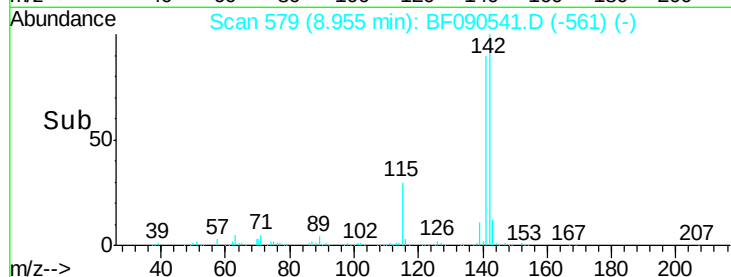
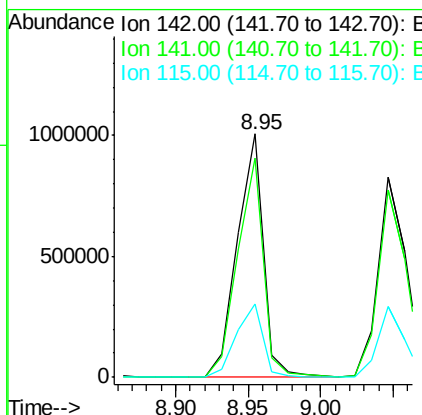
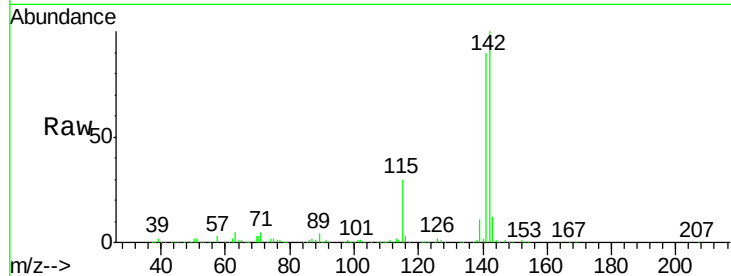
#37
2-Methylnaphthalene
Concen: 42.01 ng
RT: 8.95 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.8	107.8
115	30.0	28.8	43.2

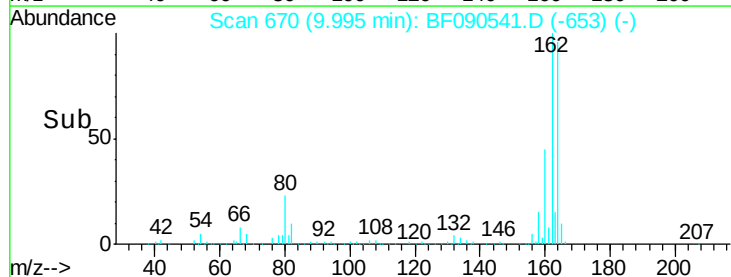
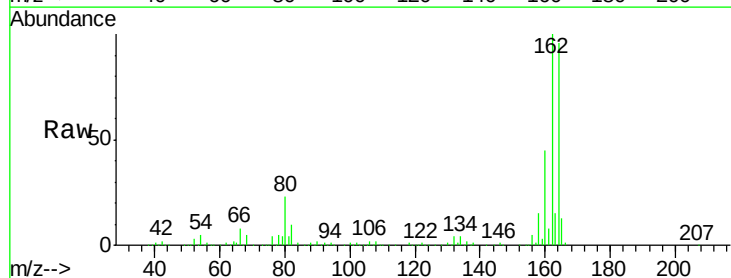
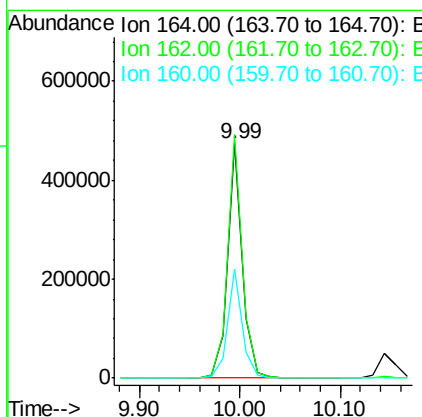
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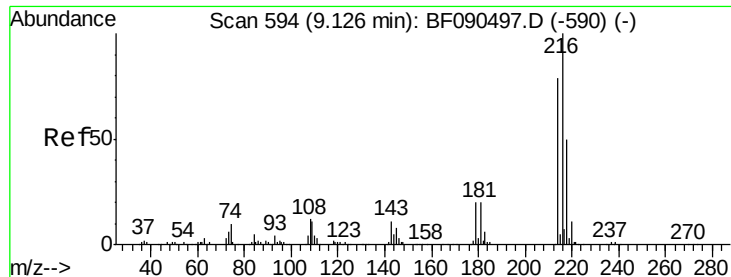
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.1	120.1
160	46.4	36.3	54.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.30 ng

RT: 9.11 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

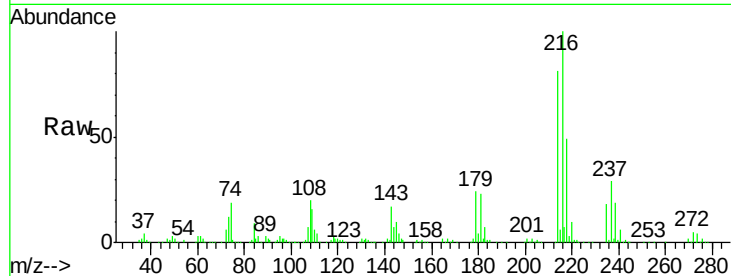
ClientSampled :

WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	558293		
214	79.3	64.2	96.2	
179	22.2	18.0	27.0	
108	20.6	15.2	22.8	

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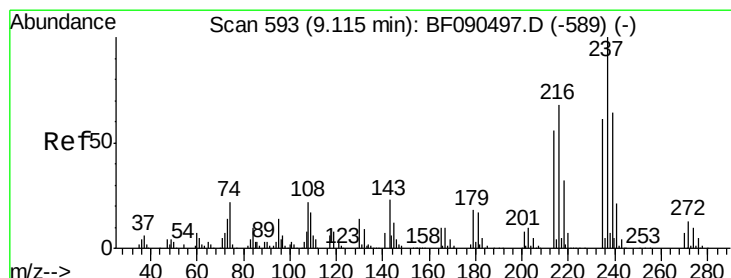
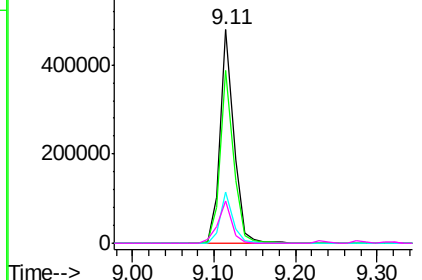
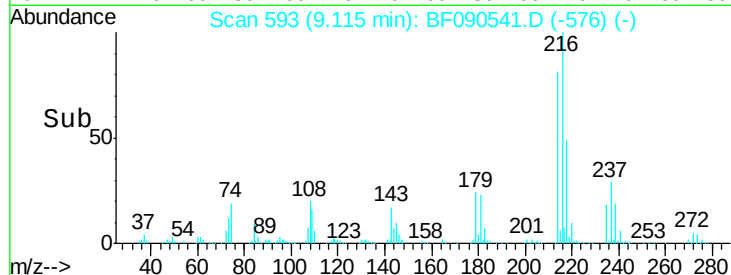


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.71 ng

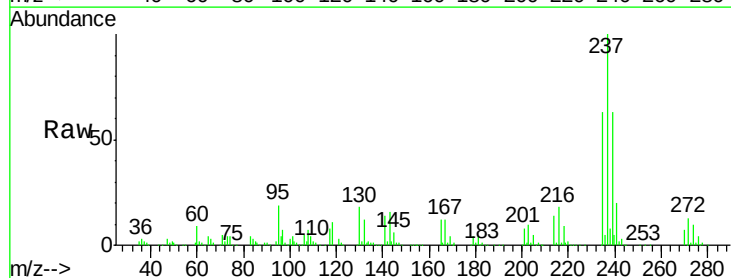
RT: 9.10 min Scan# 592

Delta R.T. -0.01 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

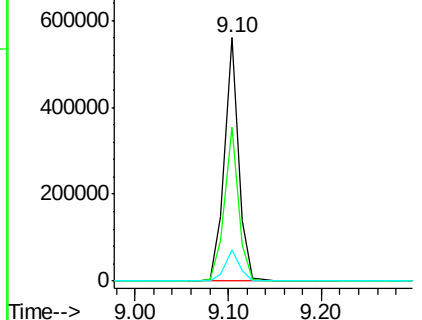
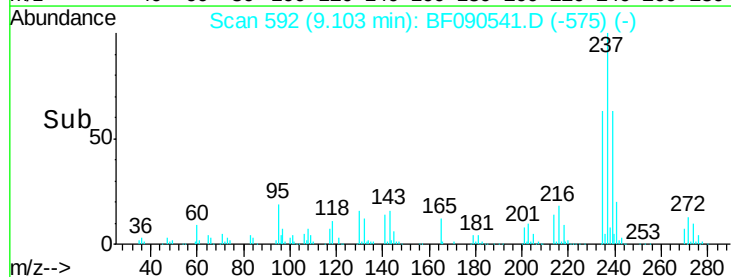
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	595207		
235	63.3	43.6	83.6	
272	12.7	0.0	32.7	

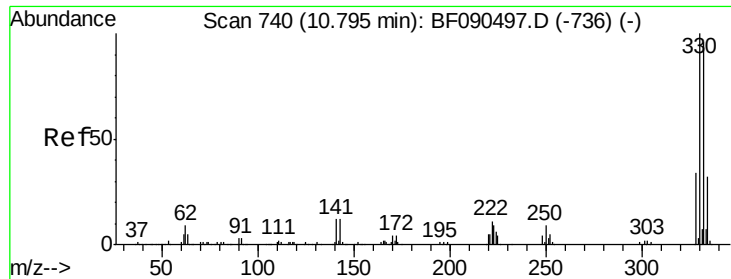


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





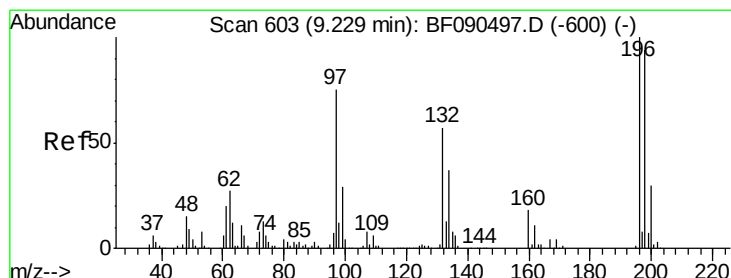
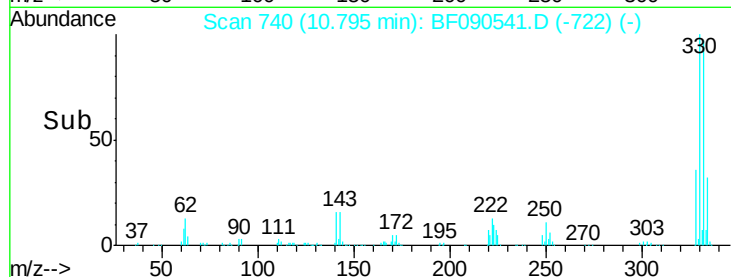
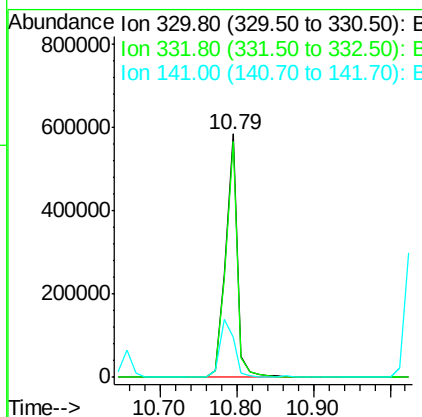
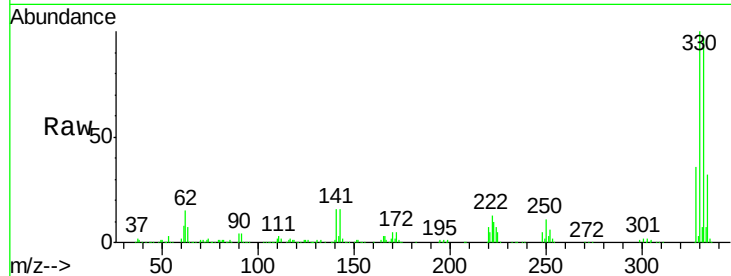
#41
 2,4,6-Tribromophenol
 Concen: 133.93 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090541.D
 Acq: 12 Oct 2016 17:54

Instrument :
 BNA_F
 ClientSampled :
 WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	641016		
332	96.6	75.4	113.0	
141	28.6	26.9	40.3	

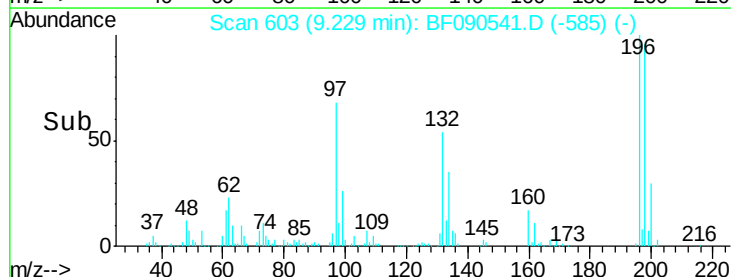
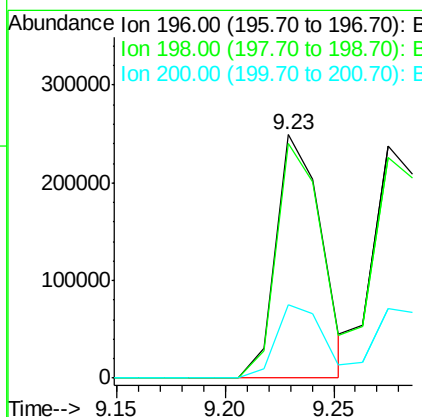
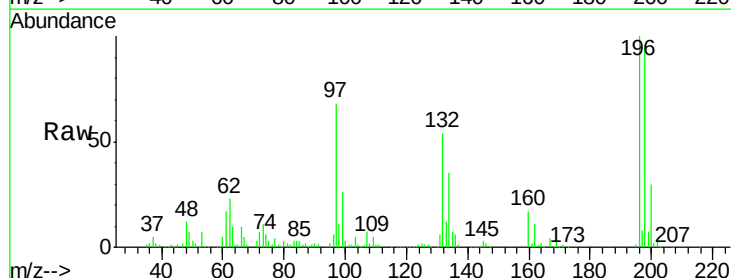
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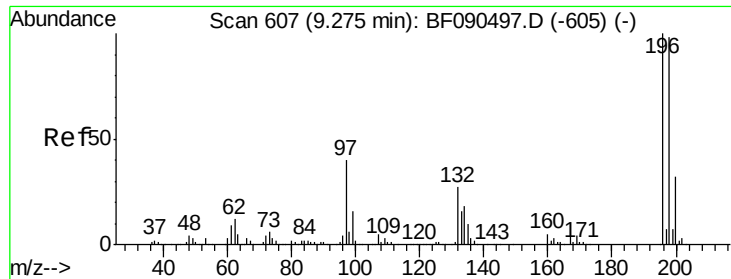
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#42
 2,4,6-Trichlorophenol
 Concen: 39.83 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090541.D
 Acq: 12 Oct 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	363014		
198	96.4	78.9	118.3	
200	30.1	25.4	38.2	





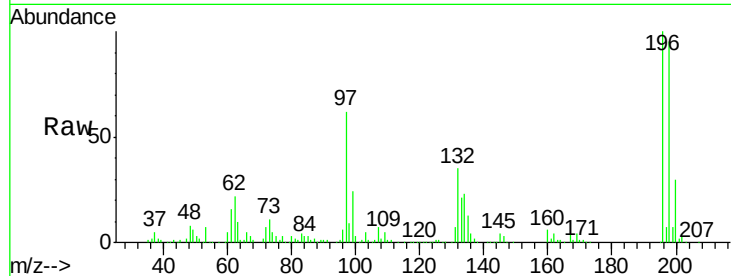
#43
 2,4,5-Trichlorophenol
 Concen: 44.13 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090541.D
 Acq: 12 Oct 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

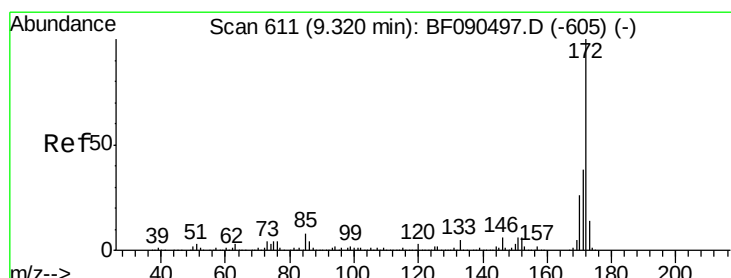
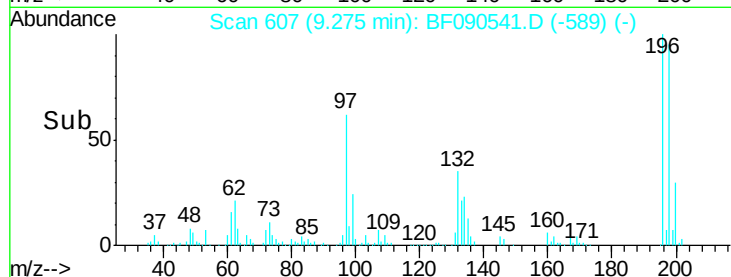
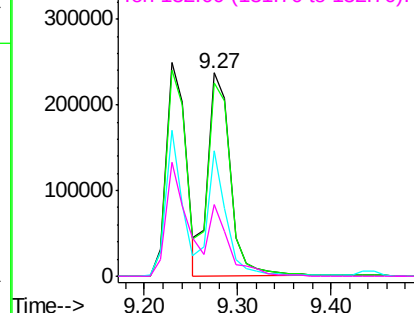
Tot Ion:	196	Resp:	398009
Ion Ratio	Lower	Upper	
196	100		
198	94.9	78.1	117.1
97	61.7	48.1	72.1
132	35.2	27.4	41.2

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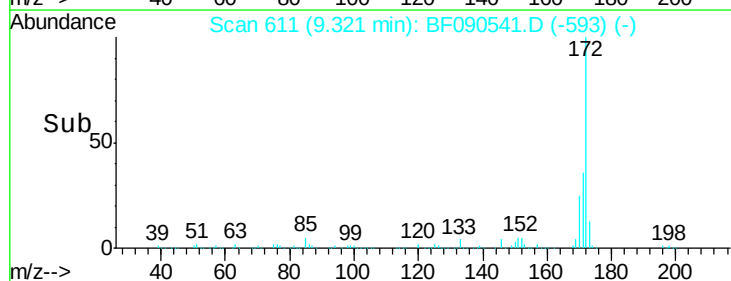
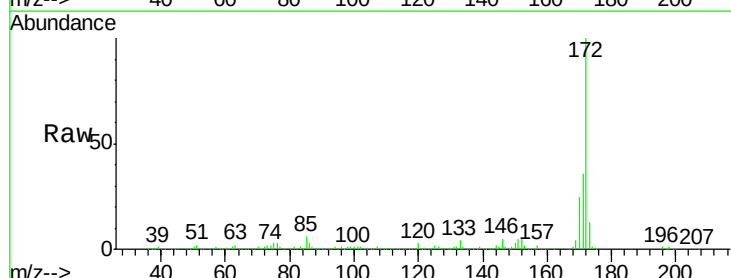
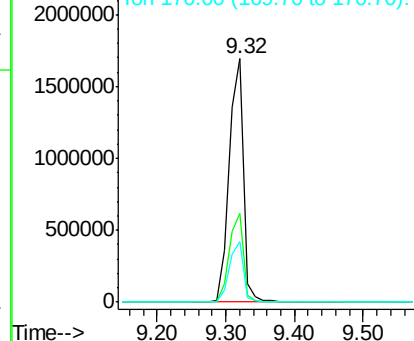
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

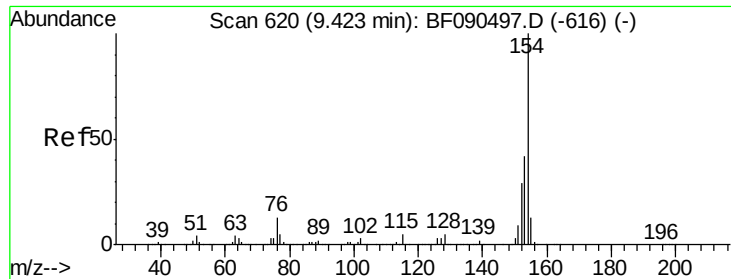


#44
 2-Fluorobiphenyl
 Concen: 86.53 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090541.D
 Acq: 12 Oct 2016 17:54

Tgt Ion:	172	Resp:	2486017
Ion Ratio	Lower	Upper	
172	100		
171	36.5	31.8	47.8
170	24.7	21.7	32.5

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.20 ng

RT: 9.41 min Scan# 619

Delta R.T. -0.01 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

ClientSampled :

WC-1MSD

Tot Ion:154 Resp: 1445620

Ion Ratio Lower Upper

154 100

153 40.9 23.8 63.8

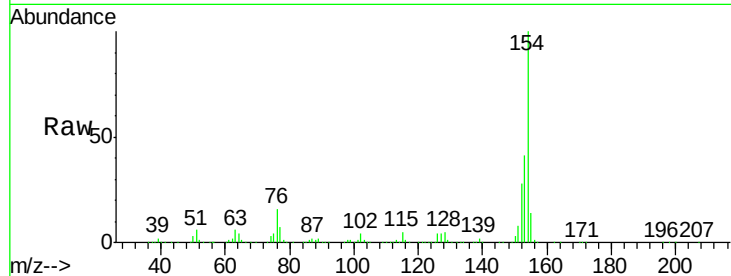
76 16.4 0.0 35.8

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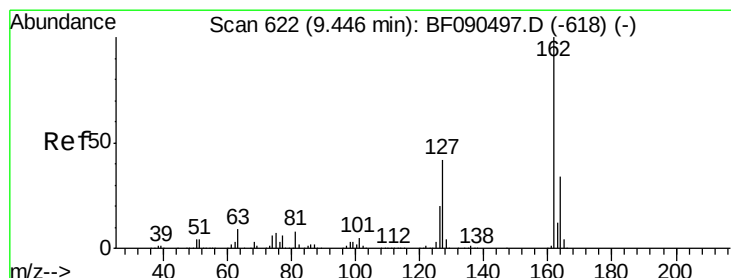
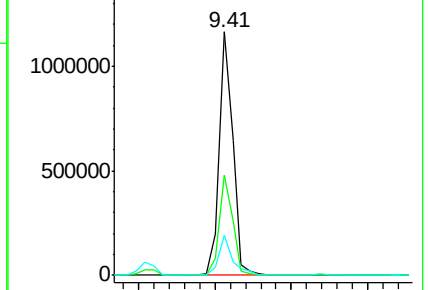
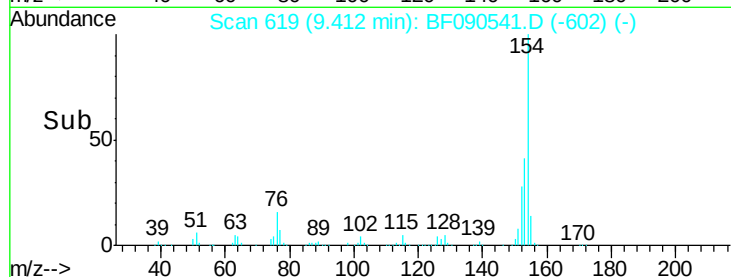
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.17 ng

RT: 9.45 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

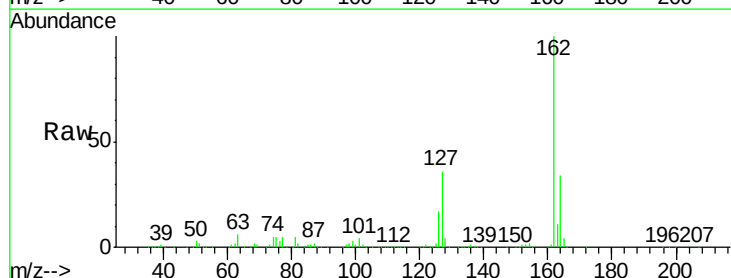
Tgt Ion:162 Resp: 1184422

Ion Ratio Lower Upper

162 100

127 35.9 35.6 53.4

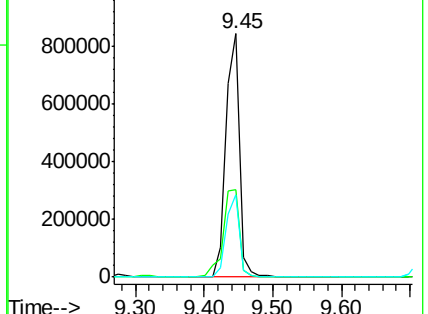
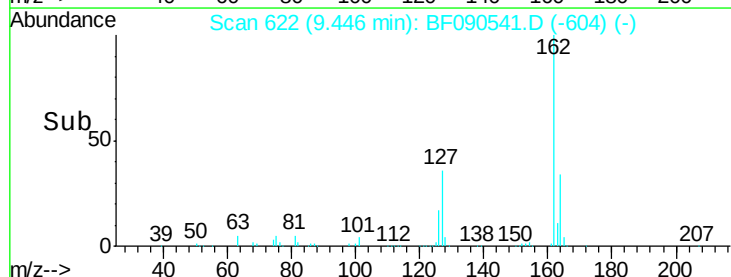
164 34.0 27.5 41.3

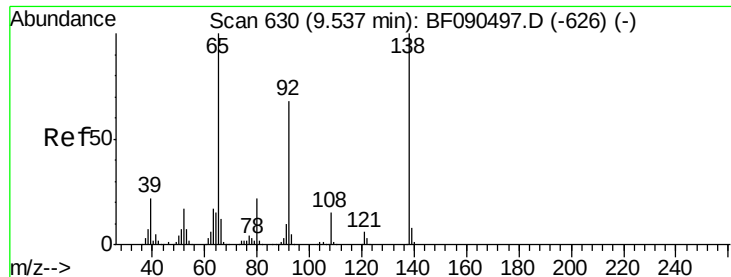


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.72 ng

RT: 9.54 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

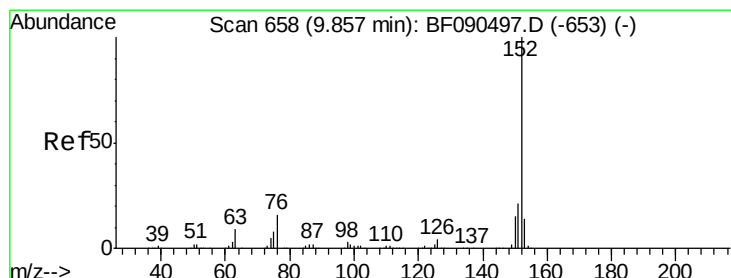
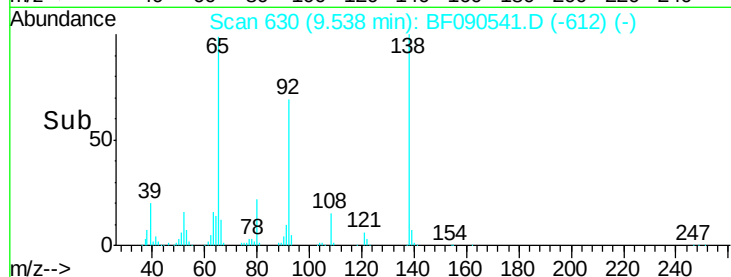
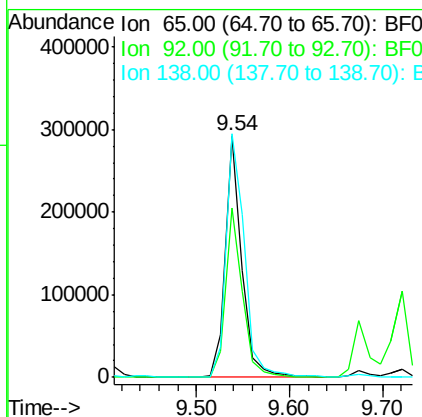
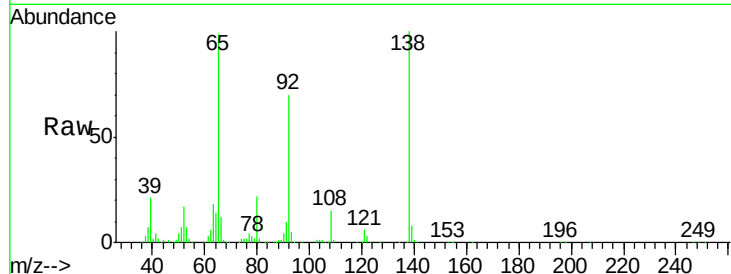
ClientSampleId :

WC-1MSD

Tot Ion:	65	Resp:	359372
Ion	Ratio	Lower	Upper
65	100		
92	70.1	51.7	77.5
138	100.8	79.0	118.4

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#48

Acenaphthylene

Concen: 40.70 ng

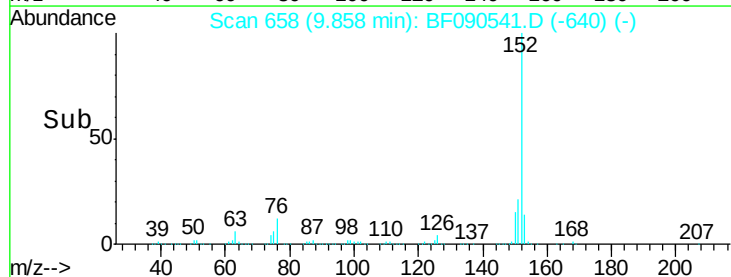
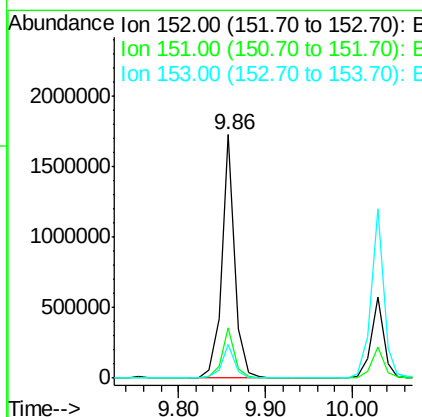
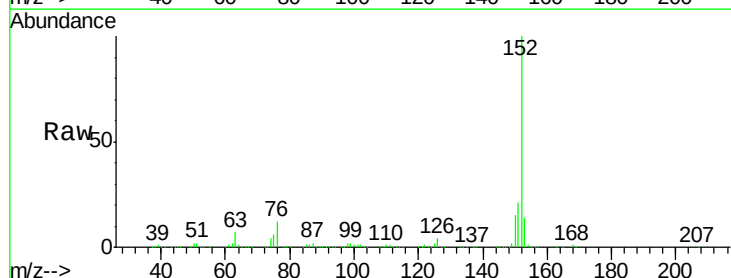
RT: 9.86 min Scan# 658

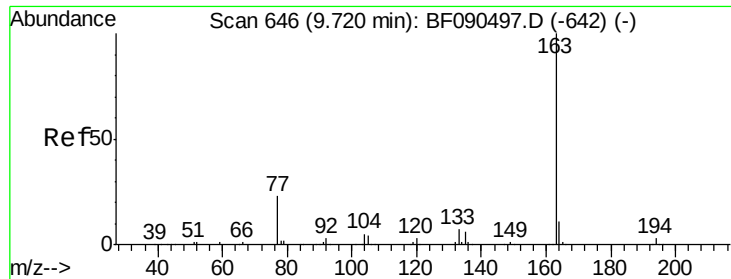
Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Tgt Ion:	152	Resp:	1801660
Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.4	26.0
153	14.0	11.6	17.4





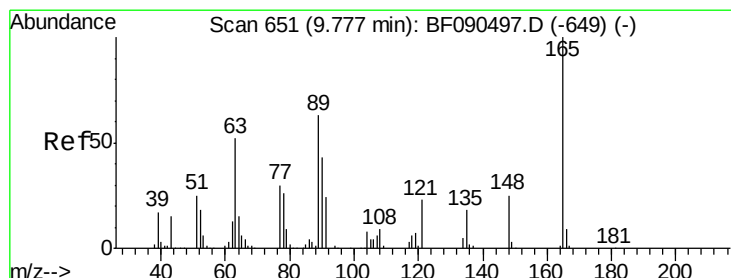
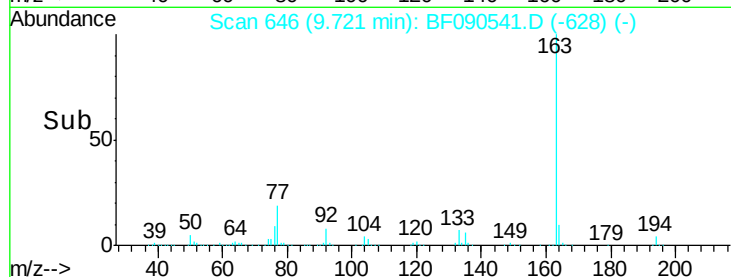
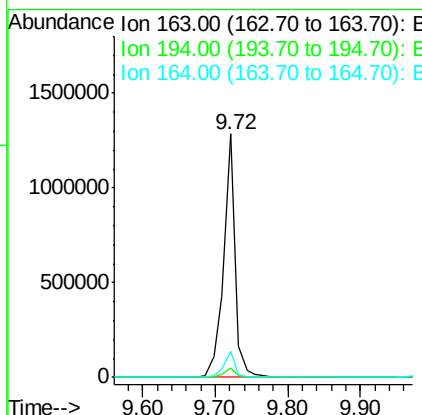
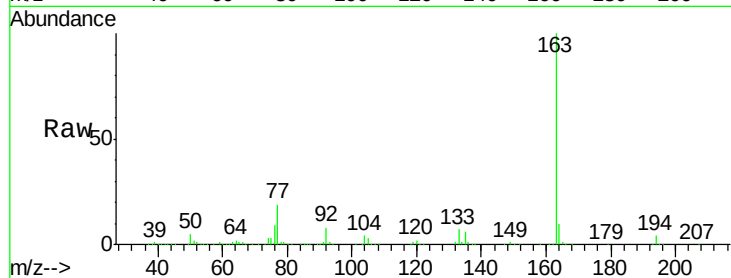
#49
Dimethylphthalate
Concen: 43.81 ng
RT: 9.72 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	10.5	9.0	13.4

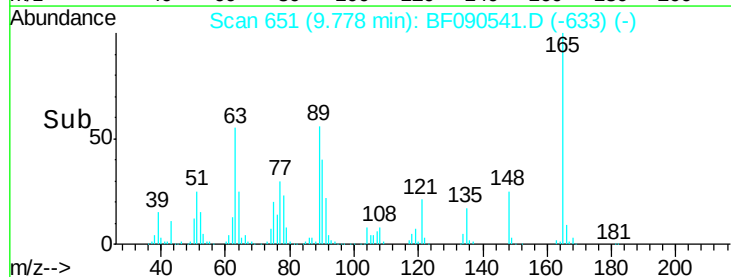
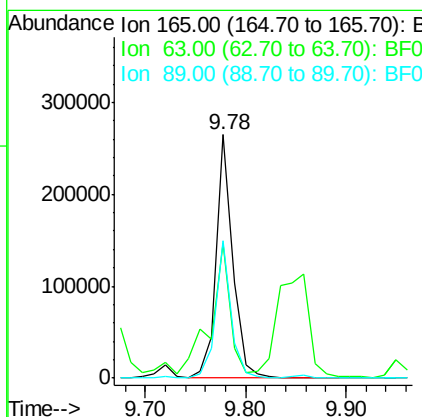
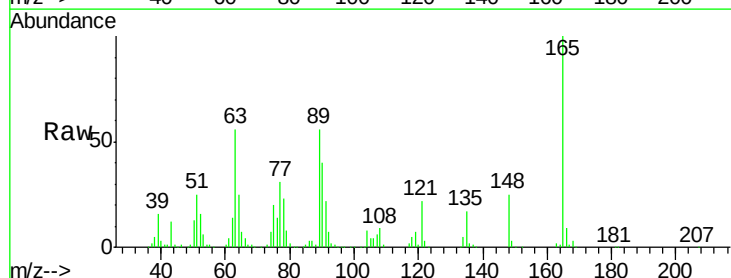
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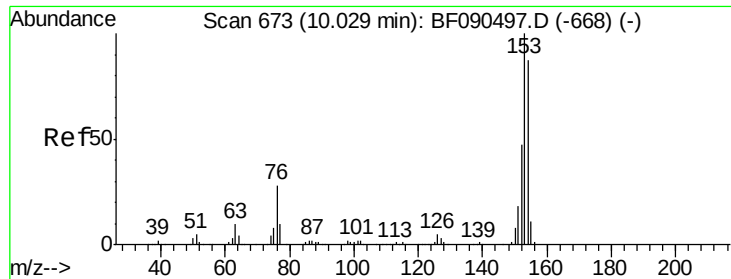
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#50
2,6-Dinitrotoluene
Concen: 42.41 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.5	58.0	87.0#
89	56.3	51.2	76.8





#51

Acenaphthene

Concen: 41.44 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tot Ion:154 Resp: 1229491

Ion Ratio Lower Upper

154 100

153 113.8 88.6 133.0

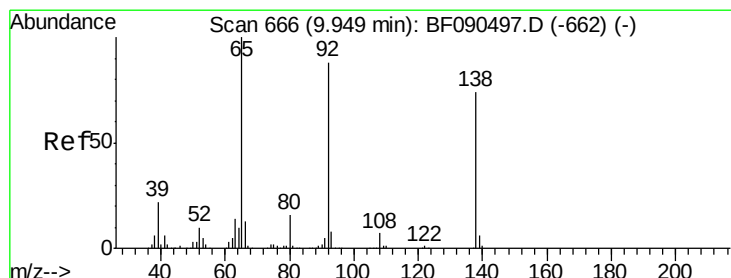
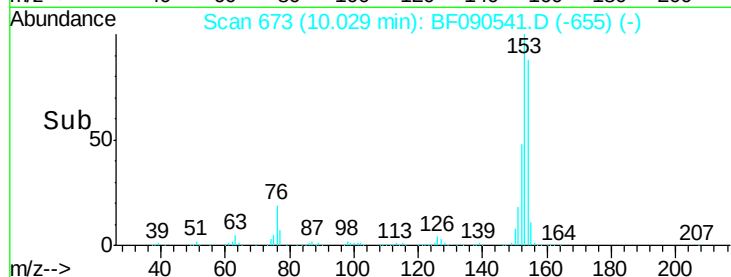
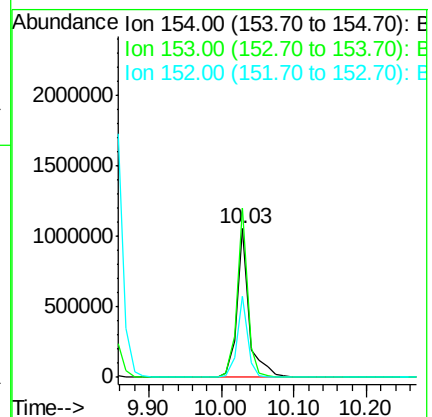
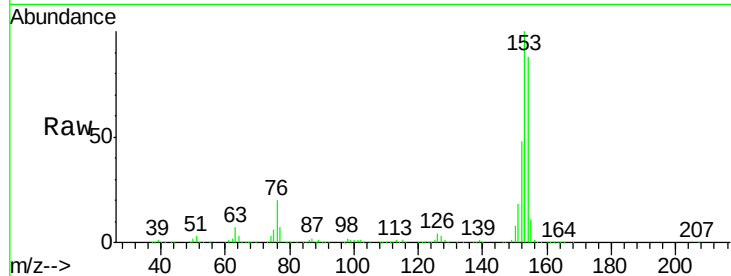
152 54.7 42.6 64.0

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#52

3-Nitroaniline

Concen: 15.71 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

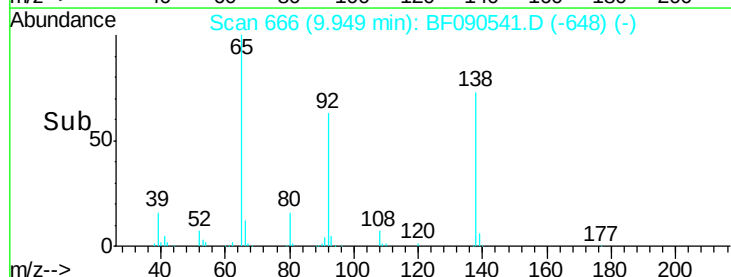
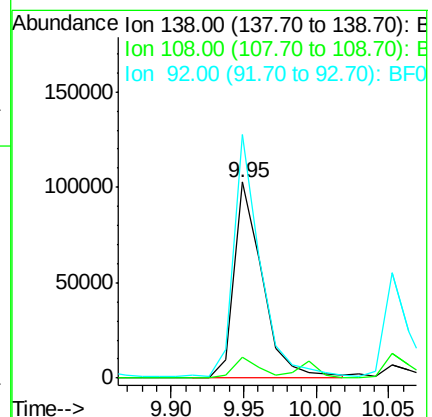
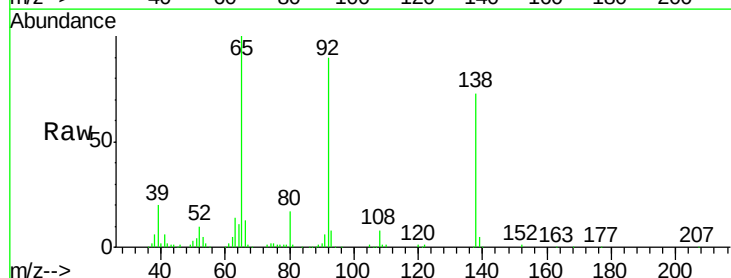
Tgt Ion:138 Resp: 139744

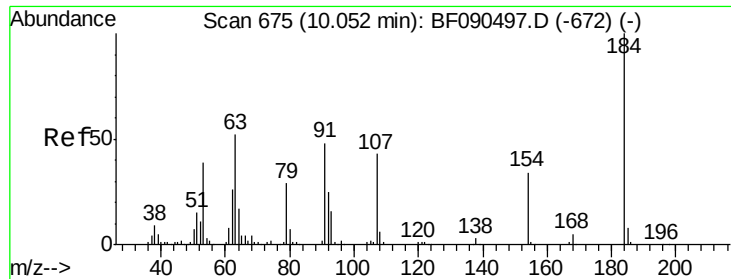
Ion Ratio Lower Upper

138 100

108 10.4 9.7 14.5

92 124.2 97.1 145.7





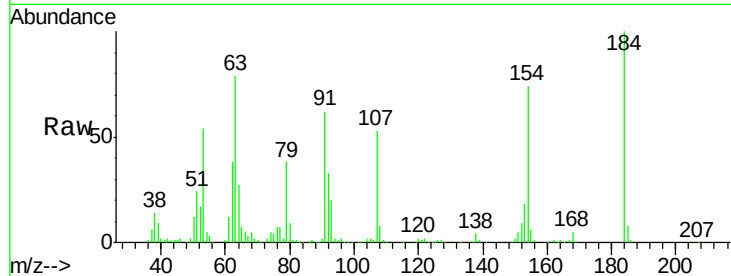
#53
2,4-Dinitrophenol
Concen: 67.73 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

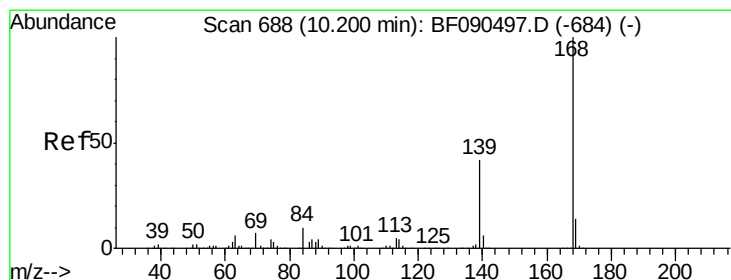
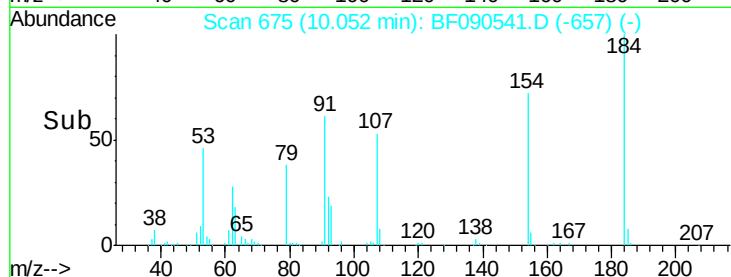
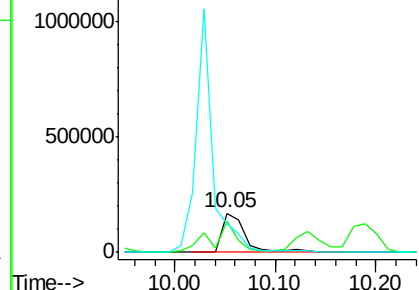
Tot Ion	Ratio	Resp	Lower	Upper
184	100	269462		
63	79.3	41.9	62.9#	
154	74.1	48.9	73.3#	

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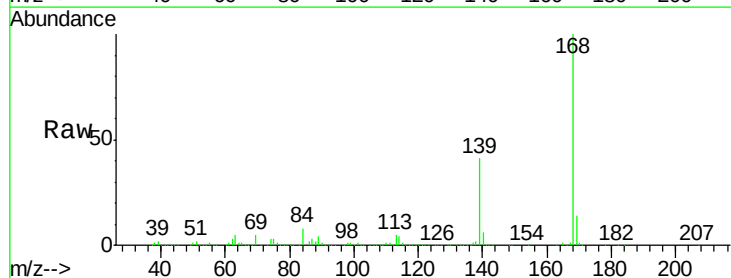


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

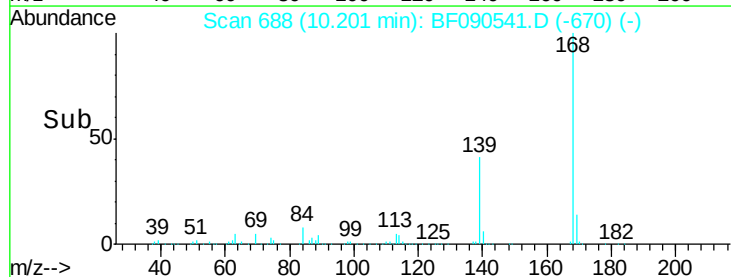
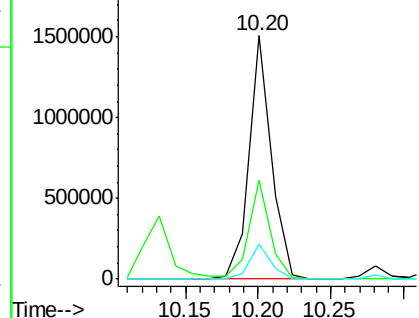


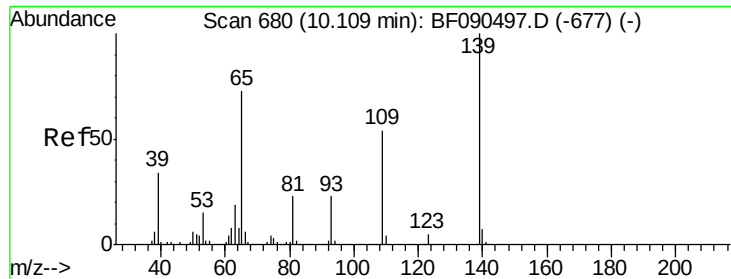
#54
Dibenzofuran
Concen: 40.74 ng
RT: 10.20 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1608281		
139	40.6	29.6	44.4	
169	14.3	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





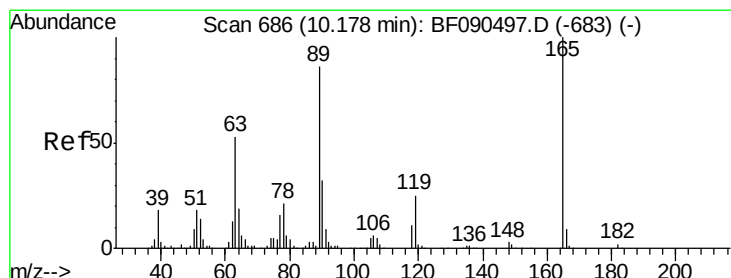
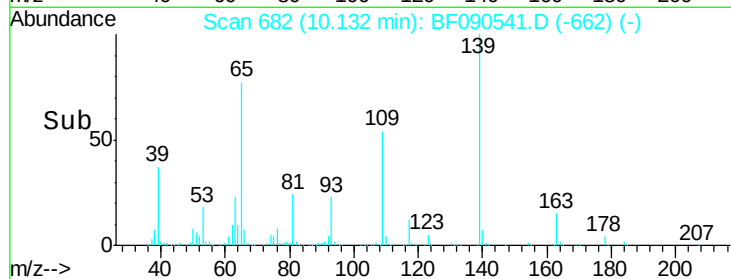
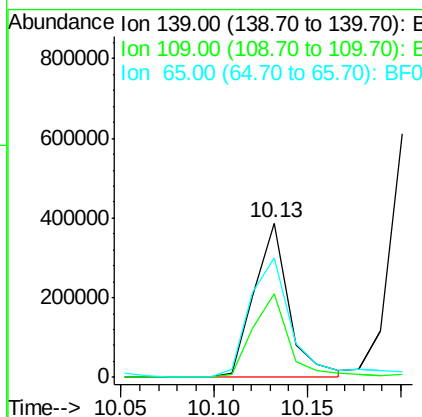
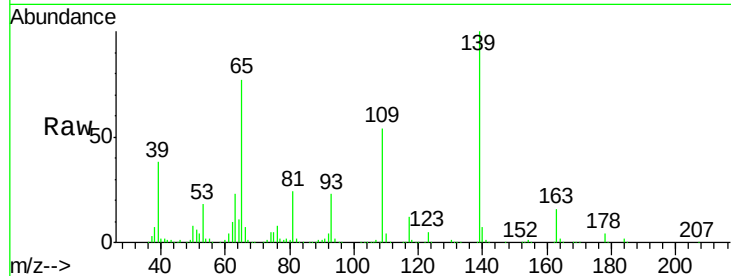
#55
4-Nitrophenol
Concen: 72.64 ng
RT: 10.13 min Scan# 682
Delta R.T. 0.02 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	502173		
109	53.7	43.6	83.6	
65	77.2	87.5	127.5	

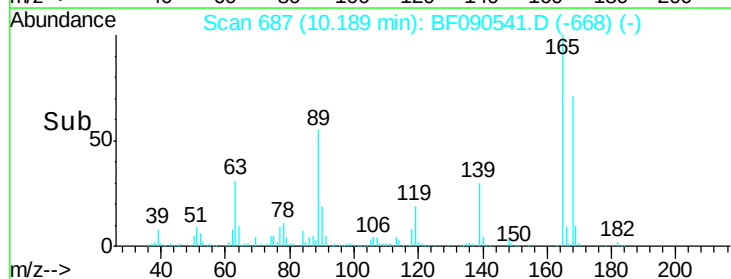
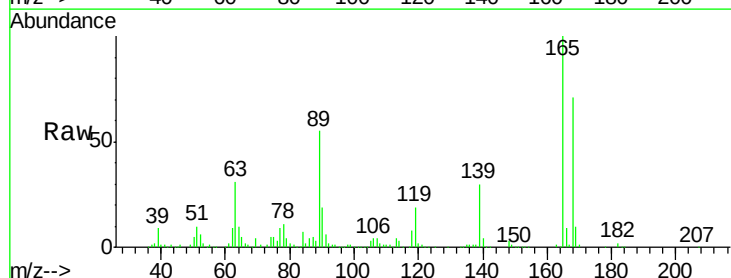
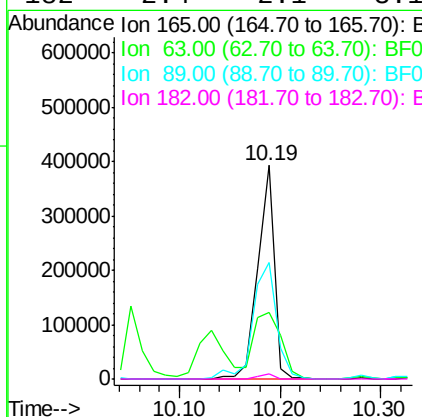
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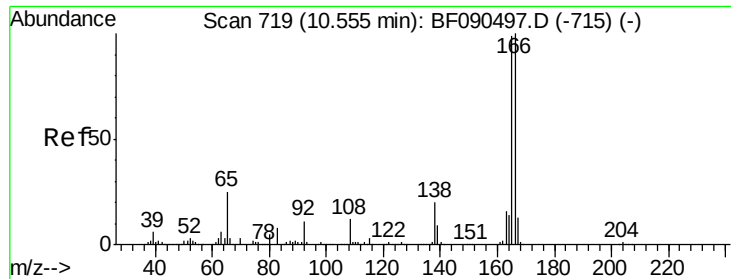
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#56
2,4-Dinitrotoluene
Concen: 47.51 ng
RT: 10.19 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	450544		
63	31.3	17.8	26.6	
89	54.6	33.2	49.8	
182	2.4	2.1	3.1	





#57

Fluorene

Concen: 38.05 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tot Ion:166 Resp: 1226269

Ion Ratio Lower Upper

166 100

165 99.2 79.2 118.8

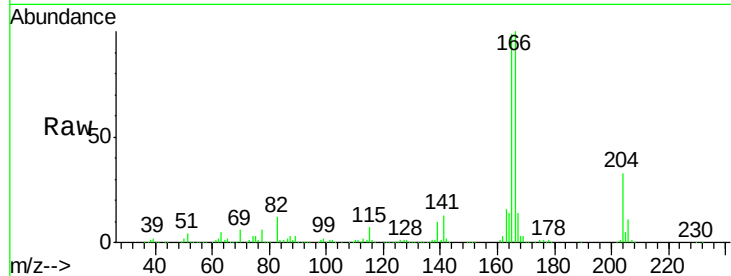
167 14.0 11.1 16.7

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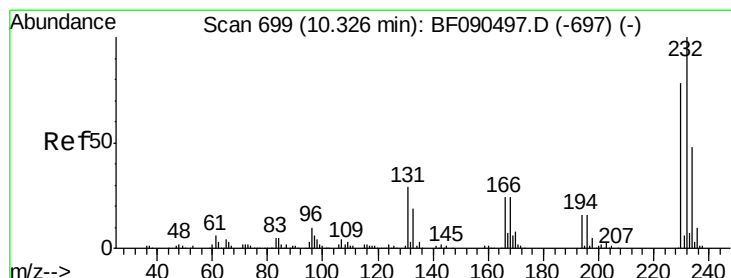
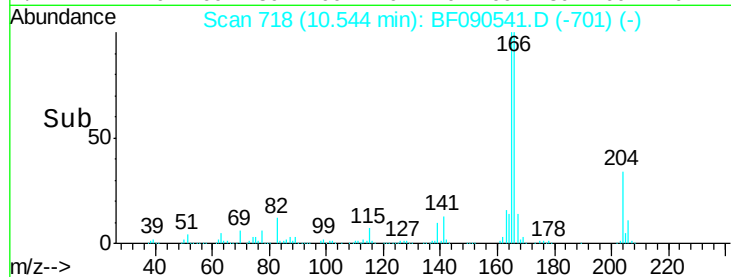
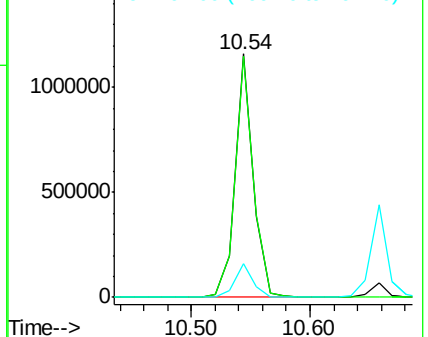


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.22 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Tgt Ion:232 Resp: 332651

Ion Ratio Lower Upper

232 100

131 45.6 34.5 51.7

130 2.1 1.6 2.4

166 30.9 23.8 35.8

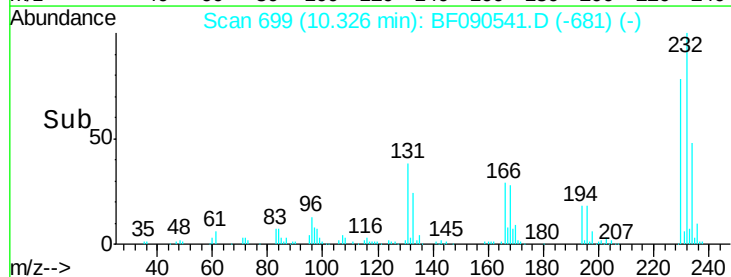
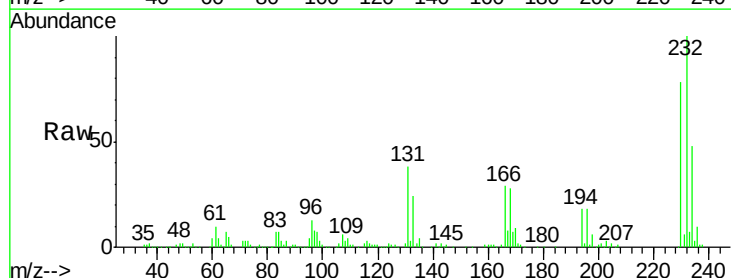
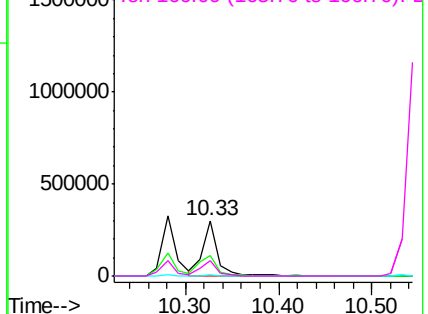
Abundance

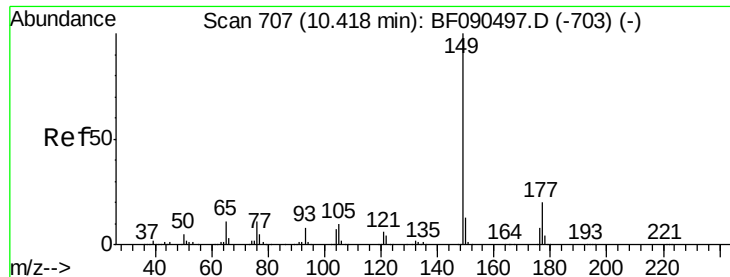
Ion 232.00 (231.70 to 232.70): E

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





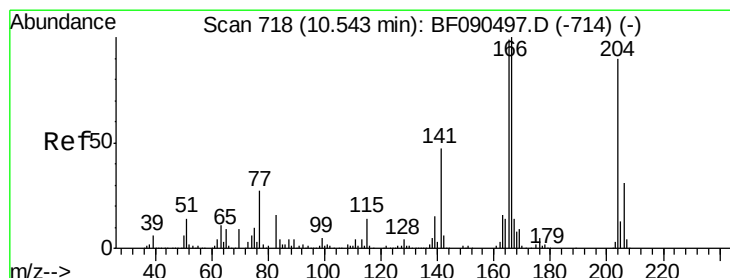
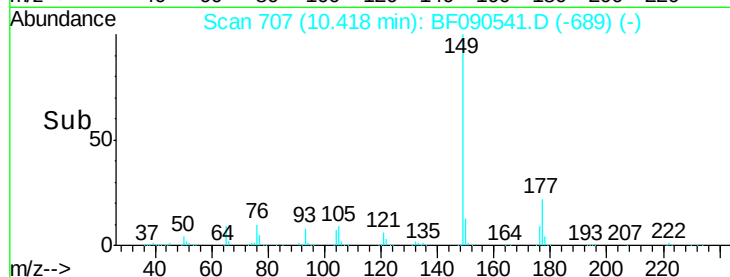
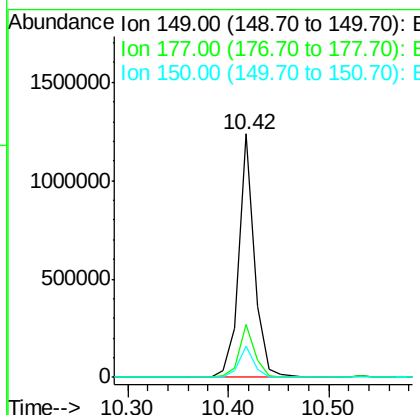
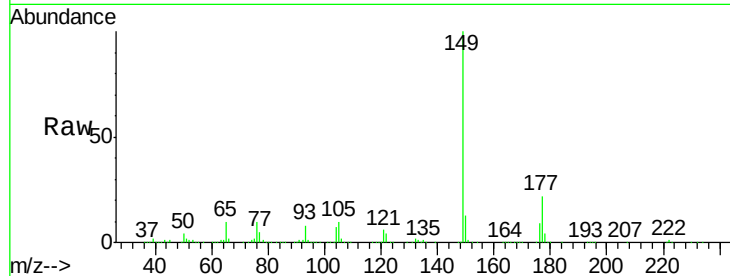
#59
Diethylphthalate
Concen: 40.85 ng
RT: 10.42 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	21.1	31.7
150	13.0	10.2	15.2

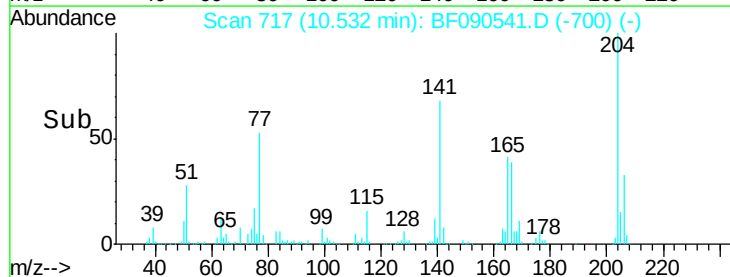
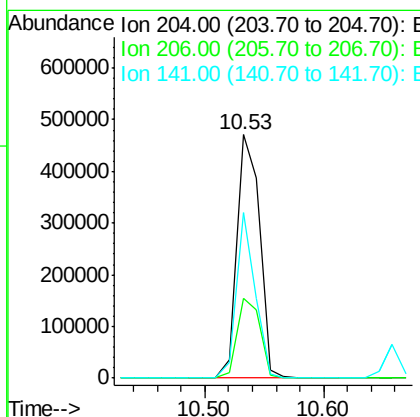
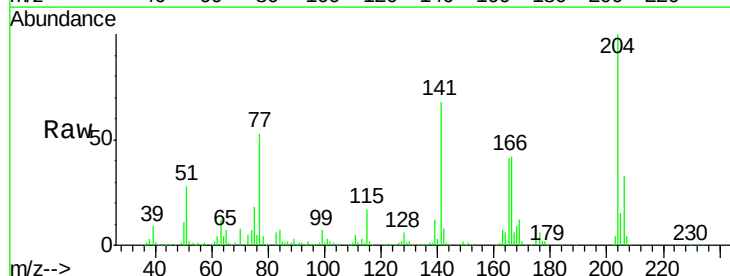
Manual Integrations
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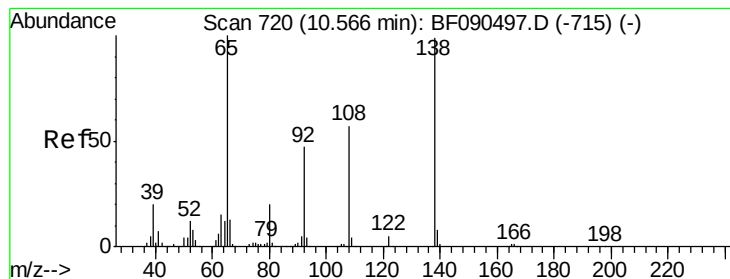
sohil
10/13/2016 2:04:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.20 ng
RT: 10.53 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.7	40.1
141	67.8	51.7	77.5





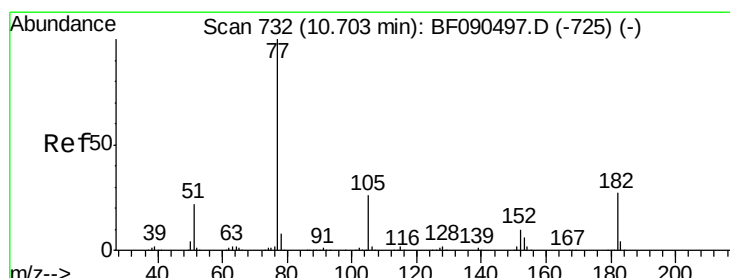
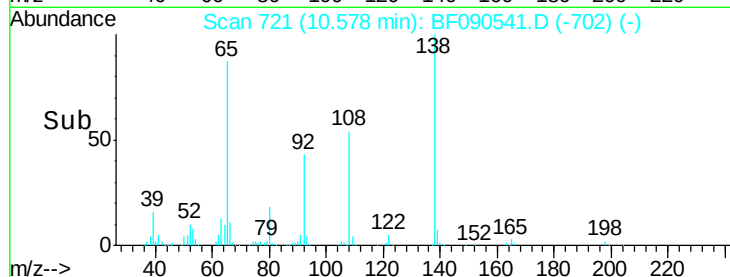
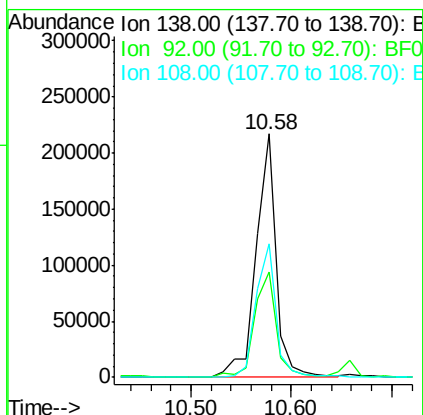
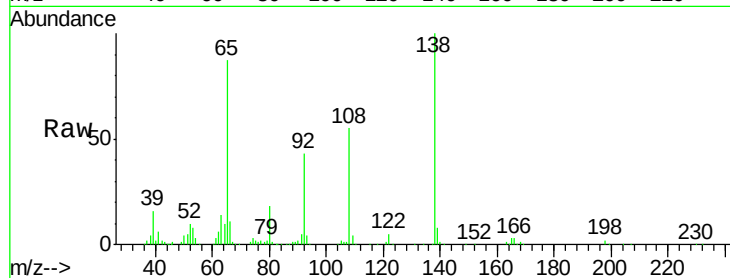
#61
4-Nitroaniline
Concen: 33.23 ng
RT: 10.58 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.5	33.2	73.2
108	54.7	48.5	88.5

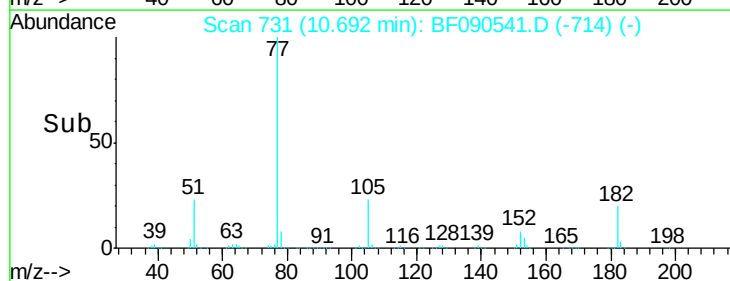
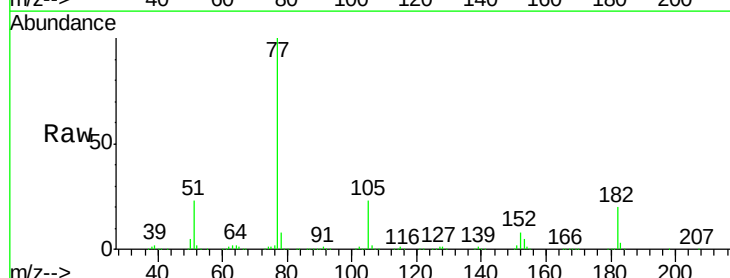
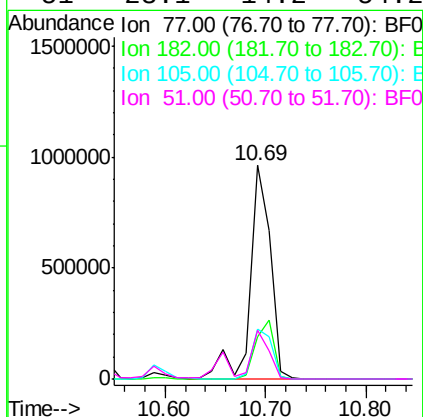
Manual Integrations
APPROVED

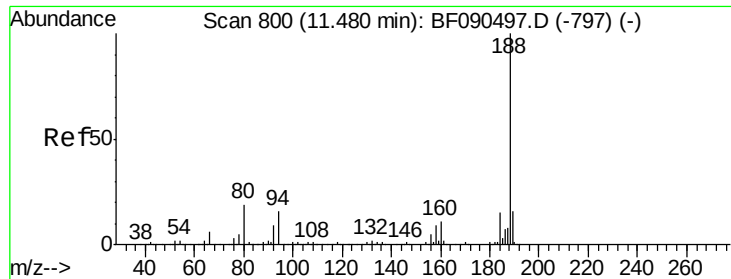
sohil
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#62
Azobenzene
Concen: 37.57 ng
RT: 10.69 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.7	3.2	43.2
105	23.3	2.9	42.9
51	23.1	14.2	54.2





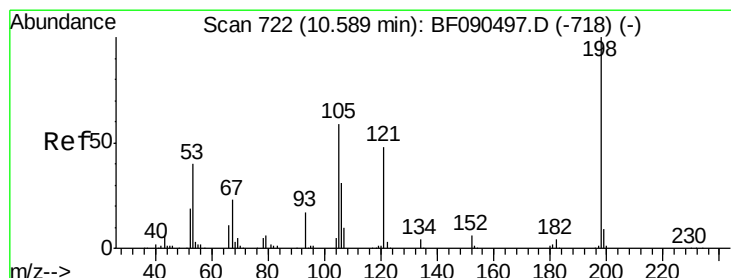
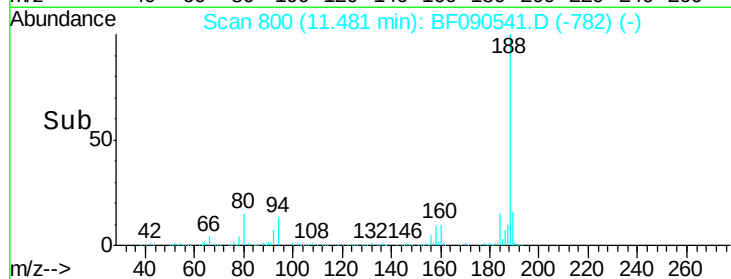
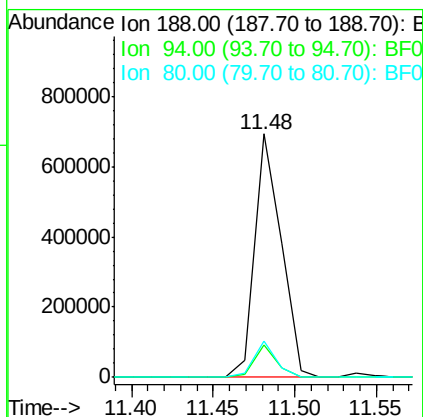
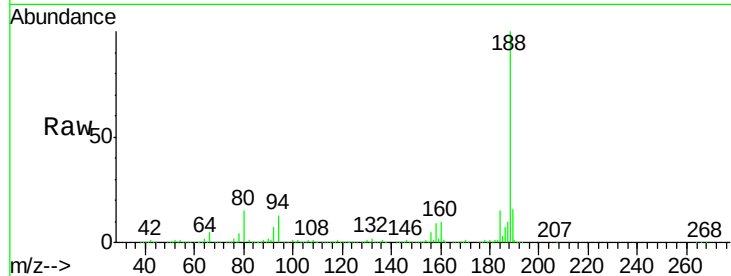
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	786673		
94	13.3		8.2	12.2#
80	15.0		8.8	13.2#

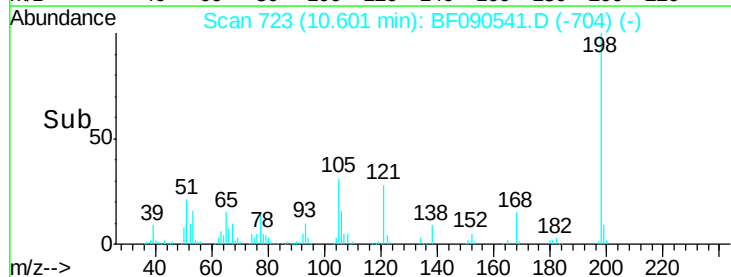
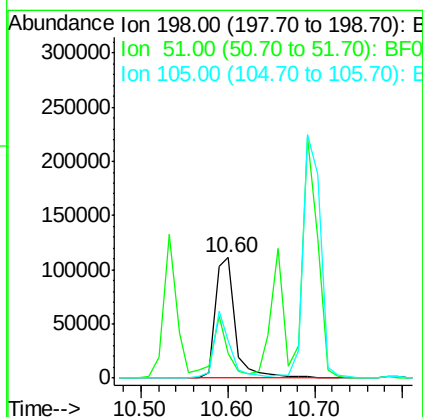
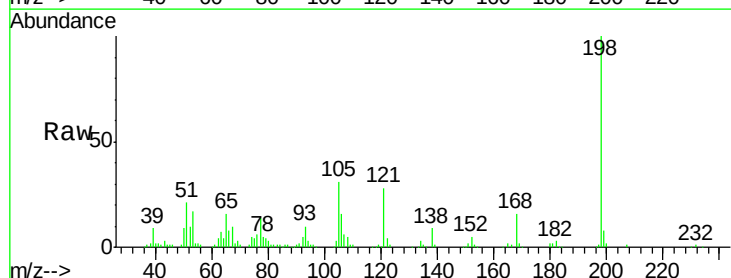
Manual Integrations
APPROVED

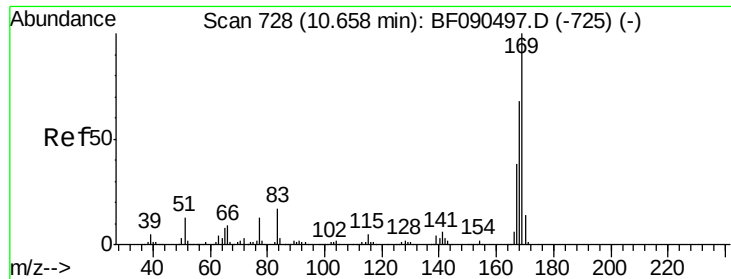
sohil
10/13/2016 2:04:17 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 34.58 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	181703		
51	21.1		67.3	107.3#
105	31.4		42.6	82.6#





#65

n-Nitrosodiphenylamine

Concen: 43.94 ng

RT: 10.66 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tot Ion:169 Resp: 1123937

Ion Ratio Lower Upper

169 100

168 69.2 53.8 80.6

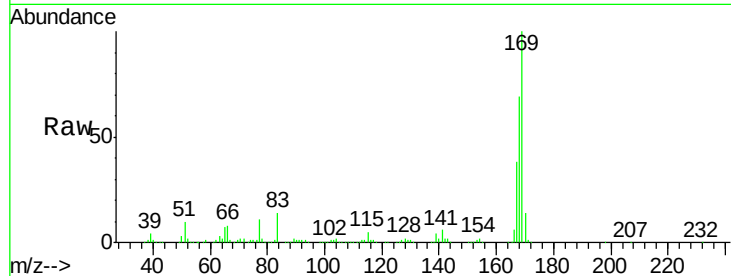
167 37.7 29.8 44.8

Manual Integrations

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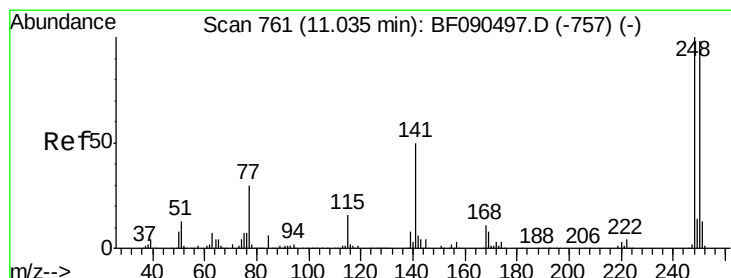
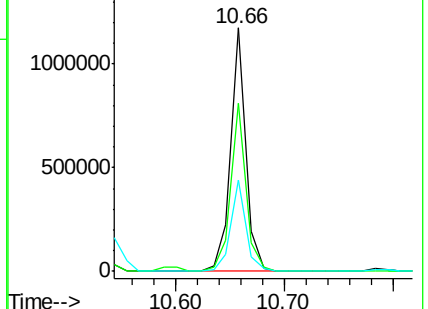
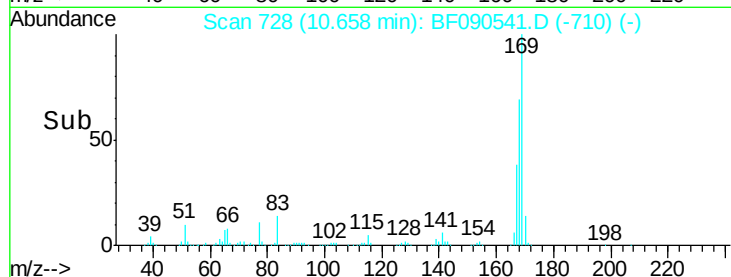
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.17 ng

RT: 11.02 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

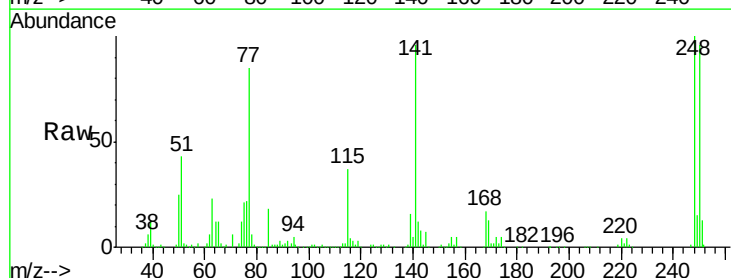
Tgt Ion:248 Resp: 376324

Ion Ratio Lower Upper

248 100

250 96.2 76.5 114.7

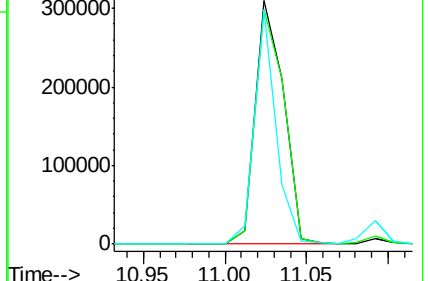
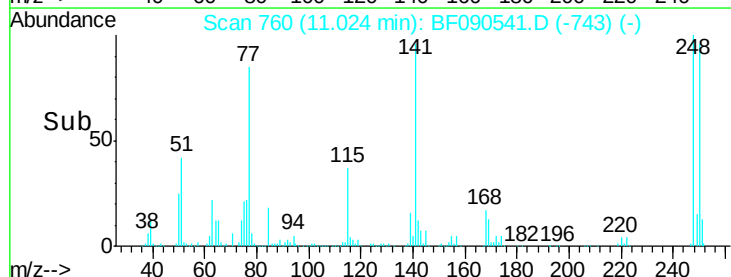
141 96.2 59.8 89.6#

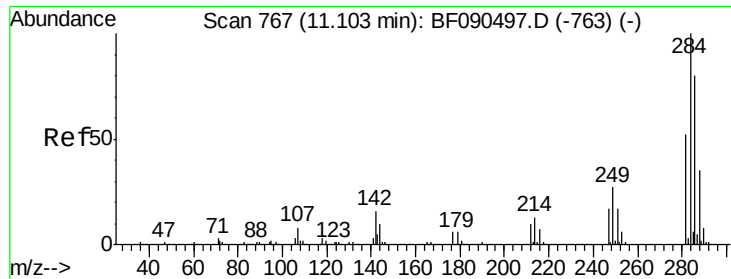


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





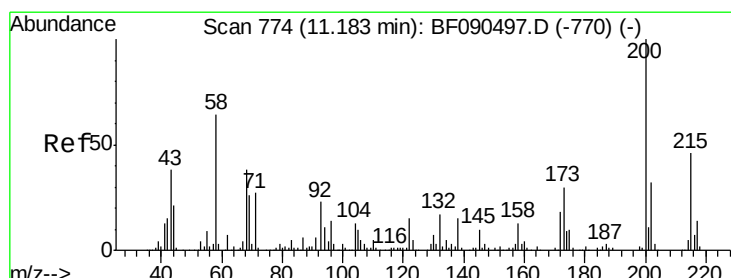
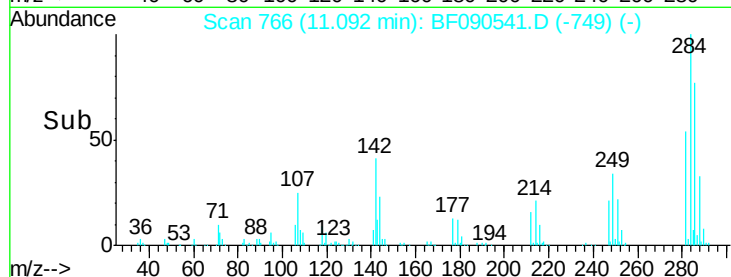
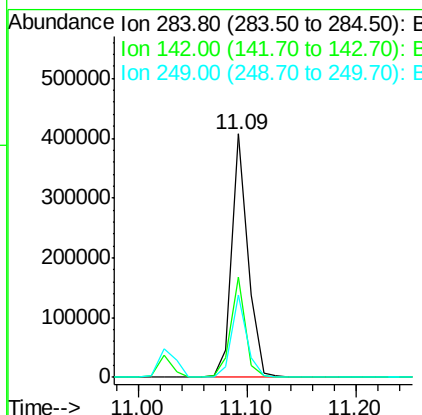
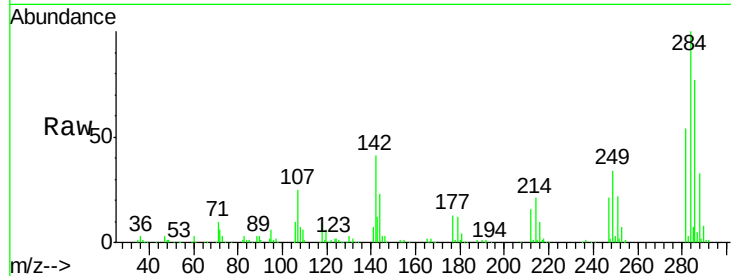
#67
Hexachlorobenzene
Concen: 43.16 ng
RT: 11.09 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	415578		
142	41.0	23.1	34.7#	
249	33.7	26.3	39.5	

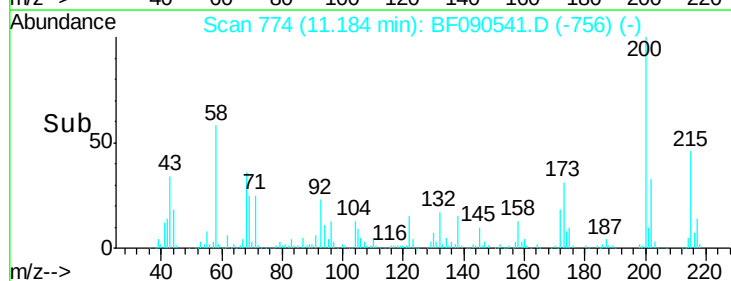
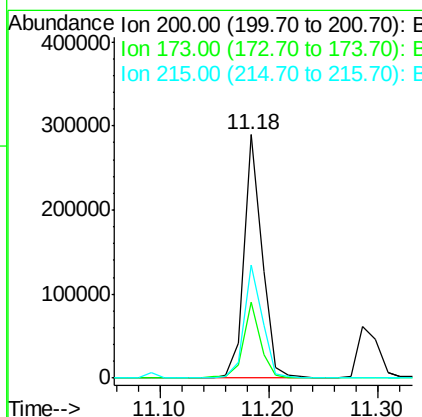
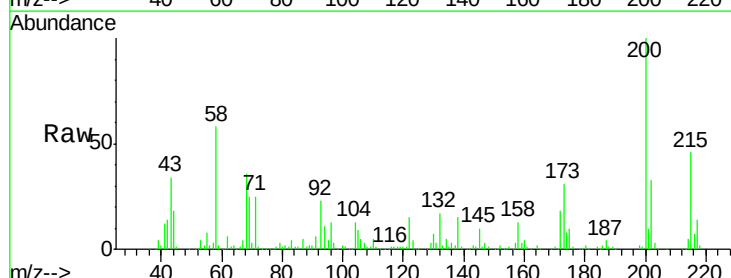
Manual Integrations
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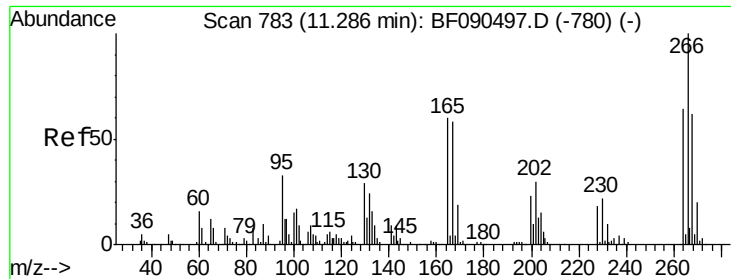
sohil
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#68
Atrazine
Concen: 41.81 ng
RT: 11.18 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	331005		
173	31.1	9.0	49.0	
215	46.2	24.8	64.8	





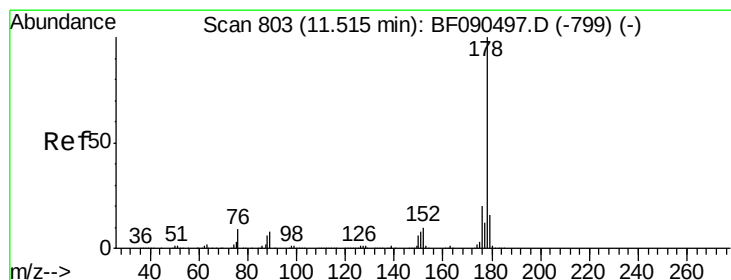
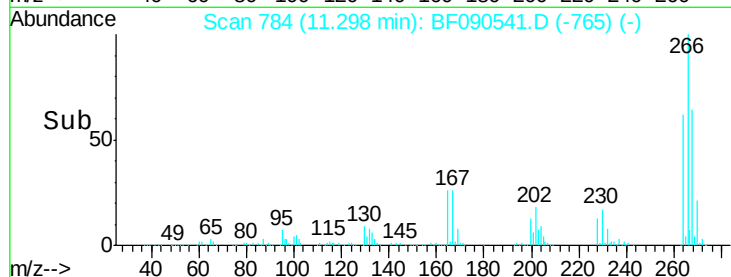
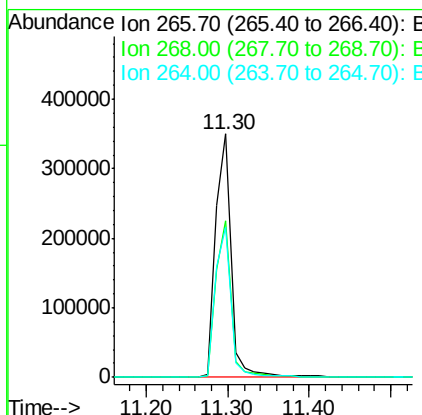
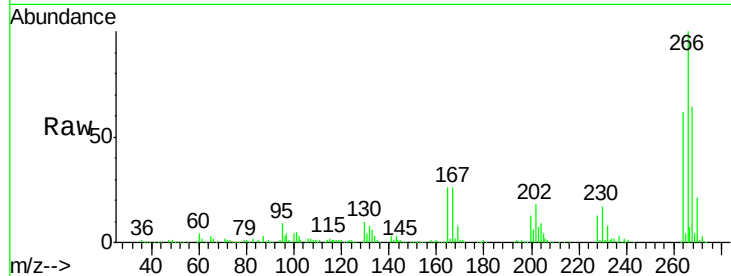
#69
 Pentachlorophenol
 Concen: 81.64 ng
 RT: 11.30 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF090541.D
 Acq: 12 Oct 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.9	76.3
264	61.6	51.5	77.3

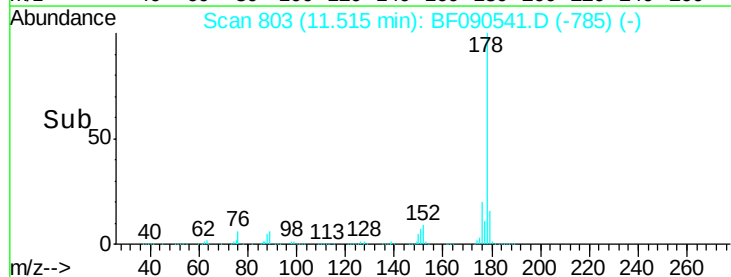
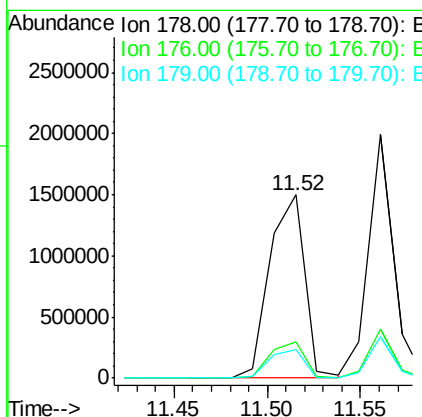
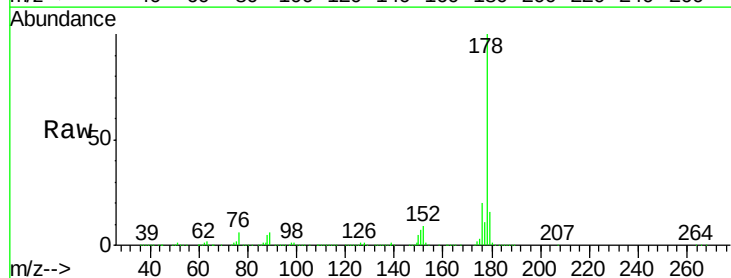
Manual Integrations
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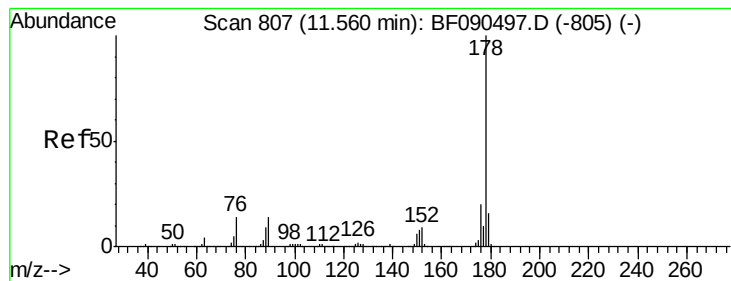
sohil
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#70
 Phenanthrene
 Concen: 45.00 ng
 RT: 11.52 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF090541.D
 Acq: 12 Oct 2016 17:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	17.3	25.9
179	15.7	13.8	20.6





#71

Anthracene

Concen: 41.97 ng

RT: 11.56 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tot Ion:178 Resp: 1843376

Ion Ratio Lower Upper

178 100

176 20.4 16.8 25.2

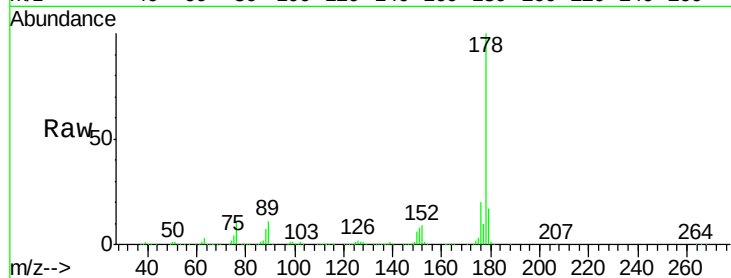
179 16.8 13.4 20.2

Manual Integrations

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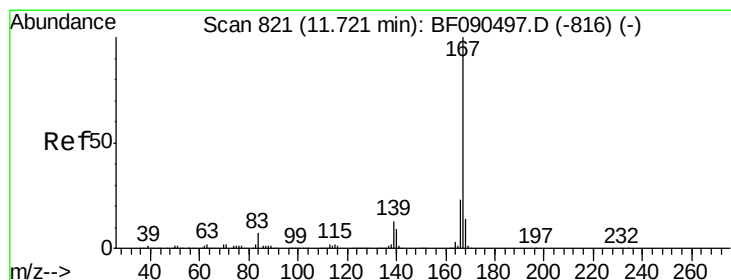
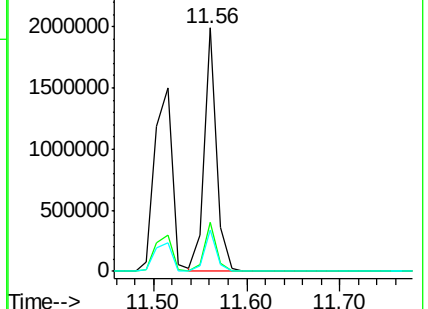
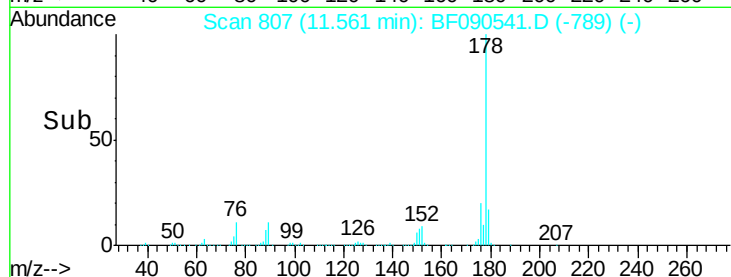
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.34 ng

RT: 11.72 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

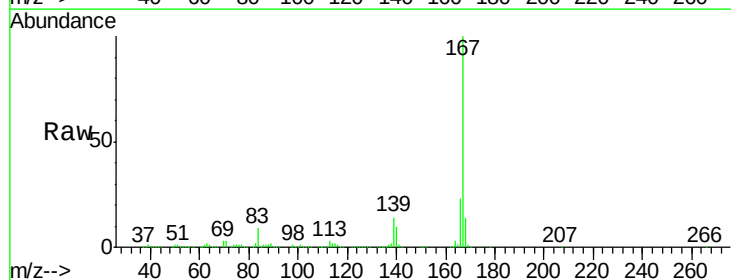
Tgt Ion:167 Resp: 1798085

Ion Ratio Lower Upper

167 100

166 23.0 19.1 28.7

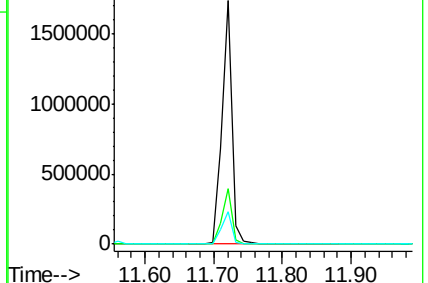
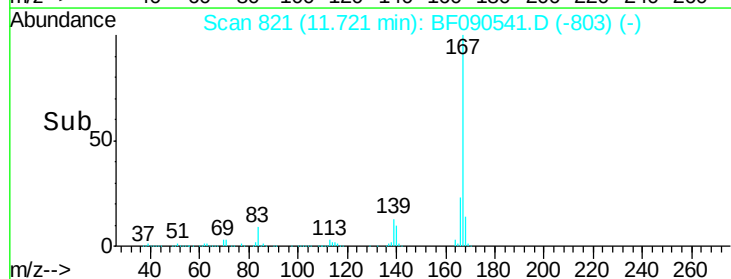
139 13.6 12.1 18.1

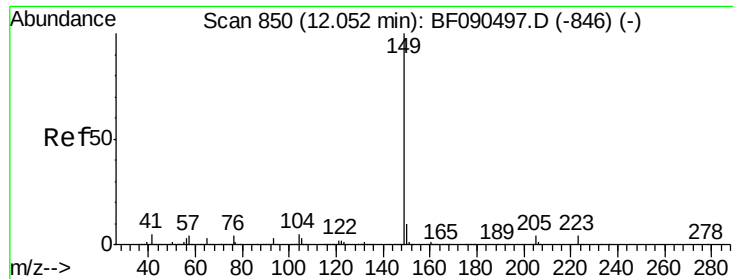


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.29 ng

RT: 12.04 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tot Ion:149 Resp: 2062791

Ion Ratio Lower Upper

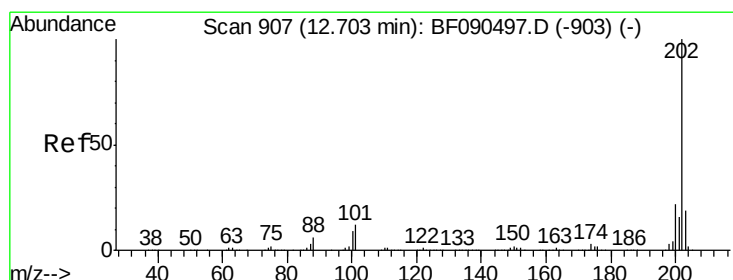
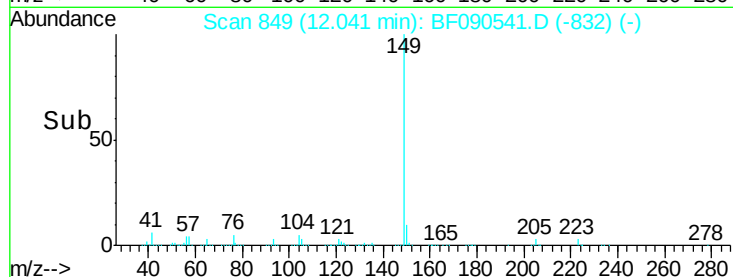
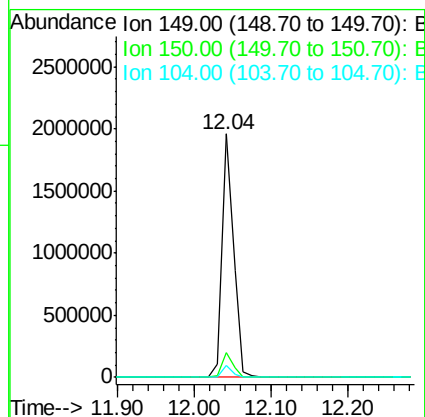
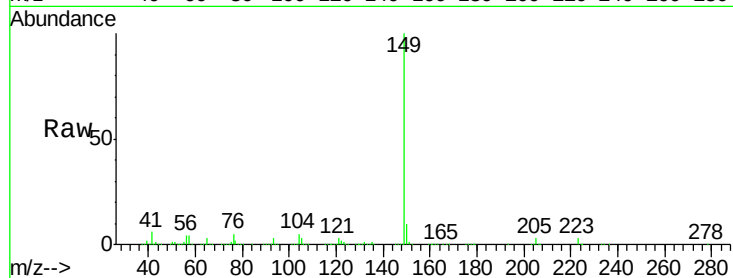
149 100

150 10.2 8.6 12.8

104 5.2 4.7 7.1

Manual Integrations
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#74

Fluoranthene

Concen: 44.85 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

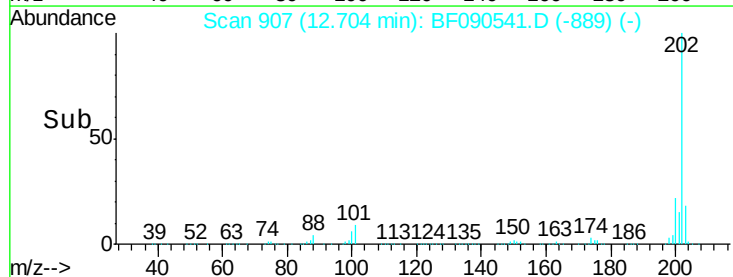
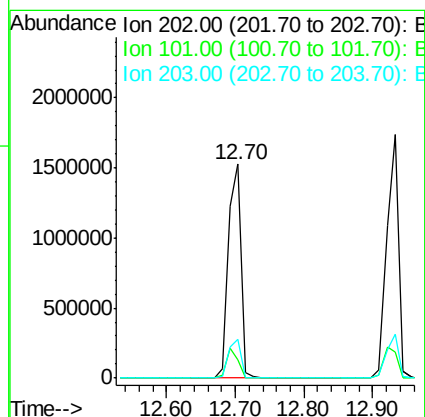
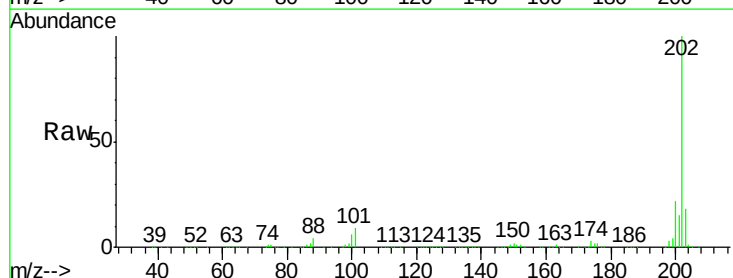
Tgt Ion:202 Resp: 1984867

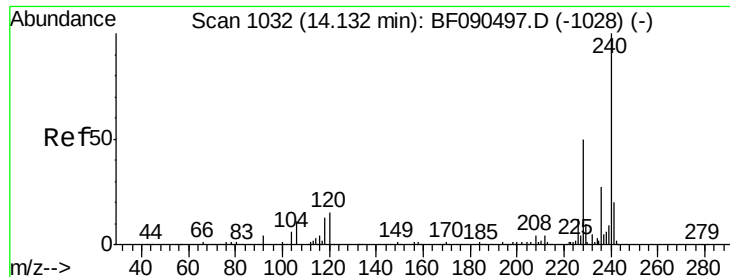
Ion Ratio Lower Upper

202 100

101 8.7 0.0 37.2

203 18.1 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

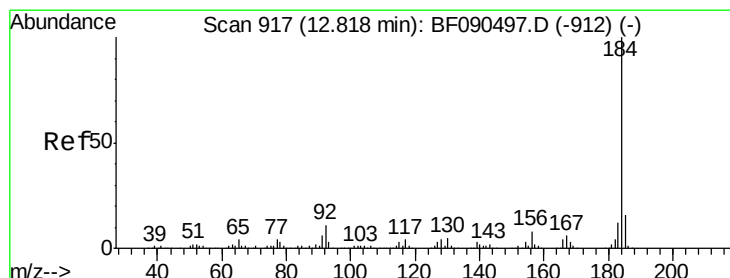
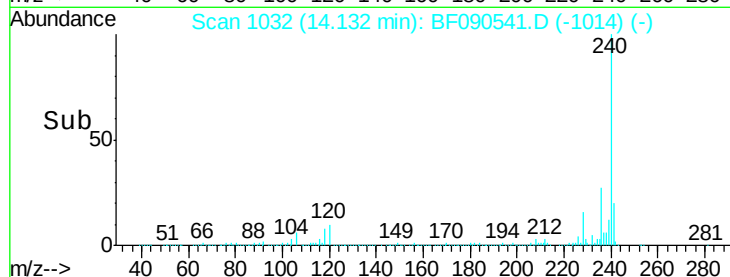
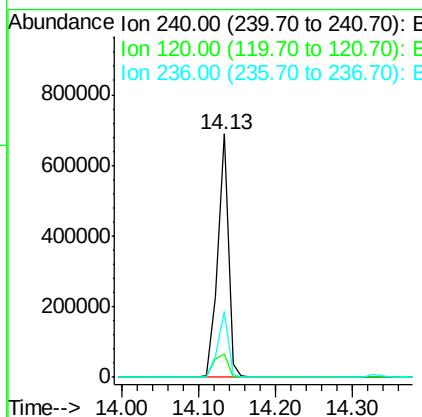
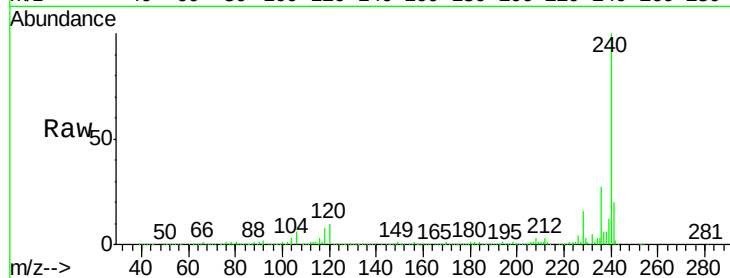
ClientSampleId :

WC-1MSD

Tot Ion:	240	Resp:	666768
Ion Ratio	Lower	Upper	
240	100		
120	9.6	8.6	13.0
236	26.7	21.6	32.4

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#76

Benzidine

Concen: 17.84 ng

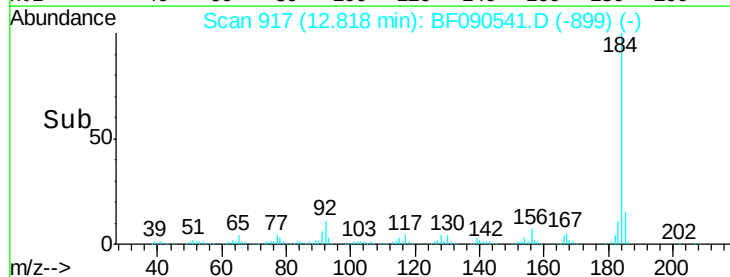
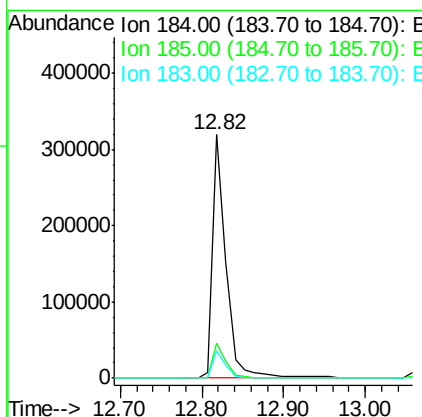
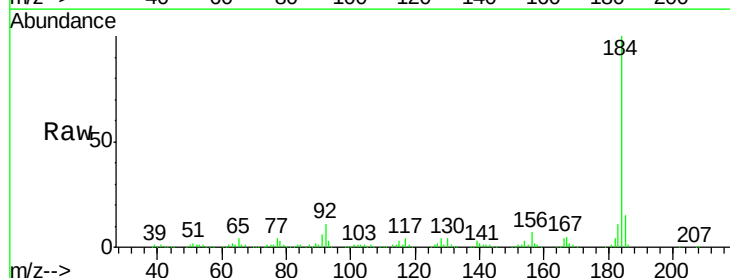
RT: 12.82 min Scan# 917

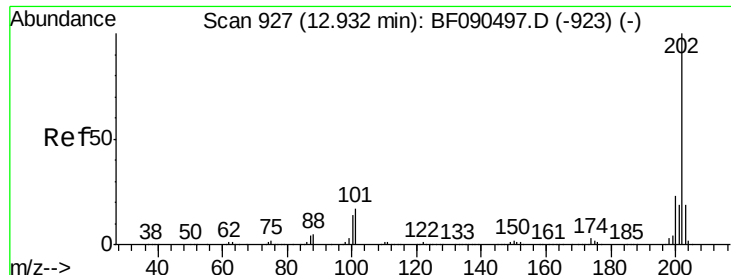
Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Tgt Ion:	184	Resp:	373911
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.8	17.8
183	11.3	9.6	14.4





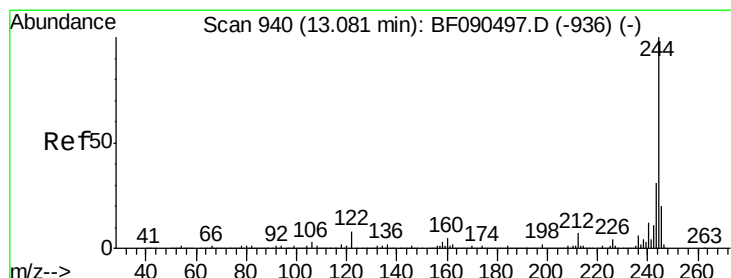
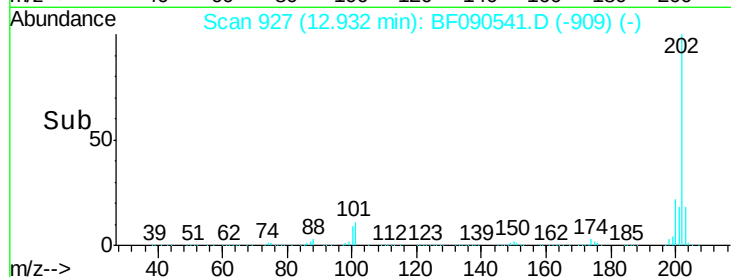
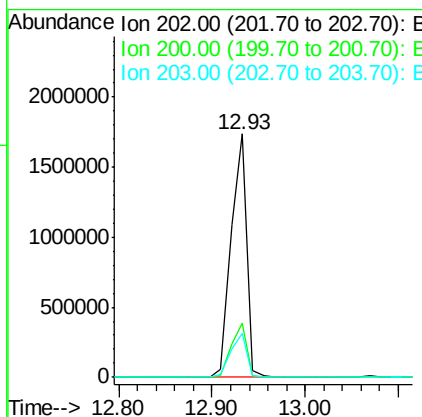
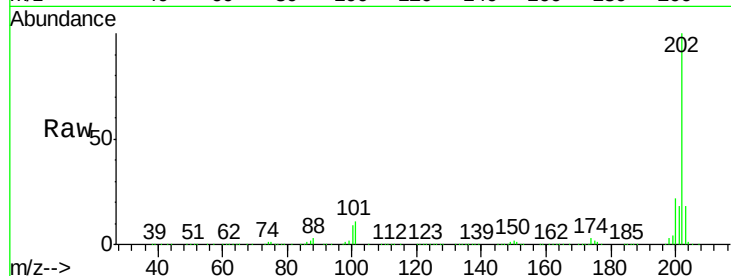
#77
Pvrene
Concen: 48.60 ng
RT: 12.93 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.5	27.7
203	18.1	15.0	22.6

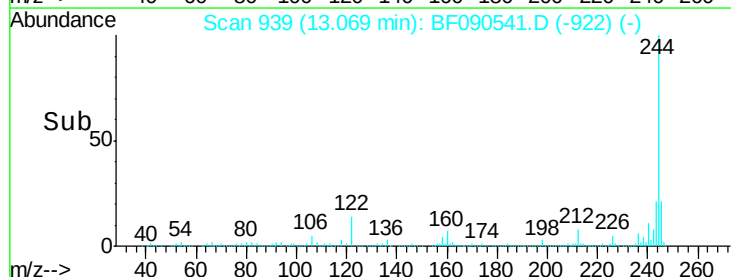
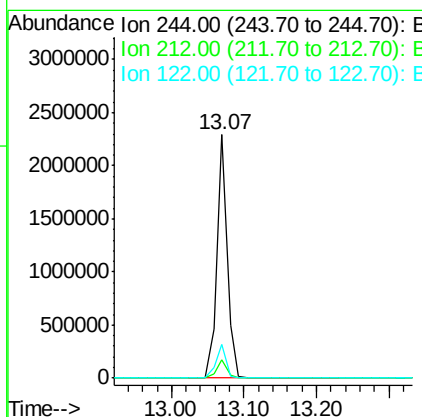
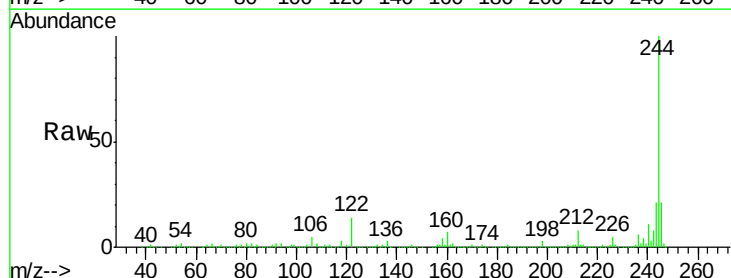
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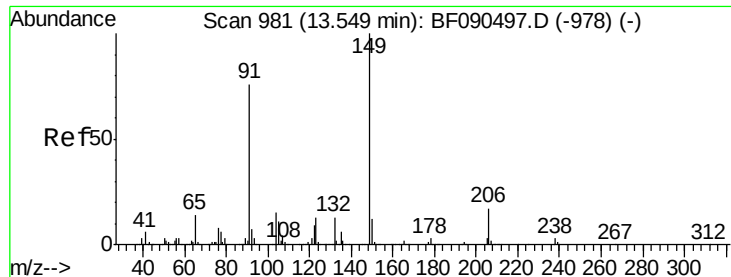
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#78
Terphenyl-d14
Concen: 82.71 ng
RT: 13.07 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.8	10.2
122	13.6	13.3	19.9





#79

Butylbenzylphthalate

Concen: 48.45 ng

RT: 13.55 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

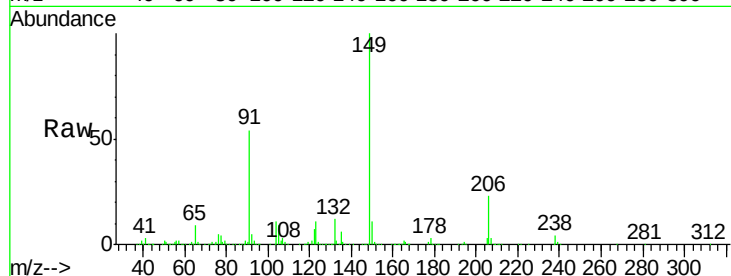
ClientSampled :

WC-1MSD

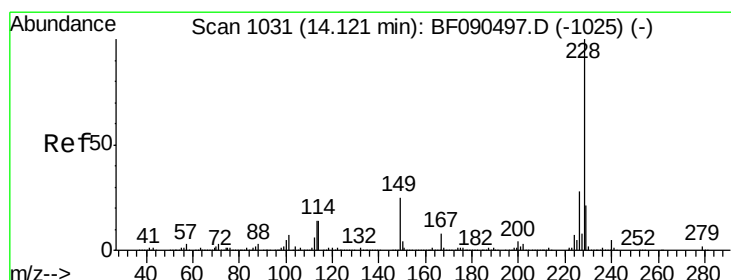
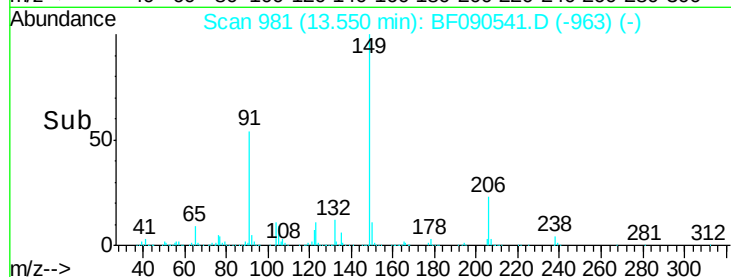
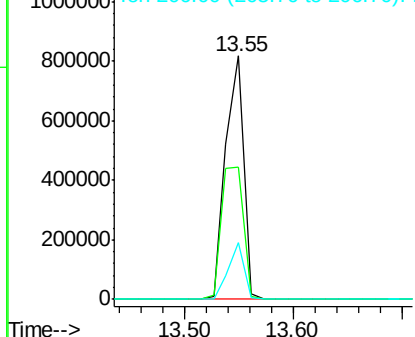
Tot Ion:	149	Resp:	946529
Ion Ratio	Lower	Upper	
149	100		
91	54.4	51.8	77.8
206	23.4	18.0	27.0

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.02 ng

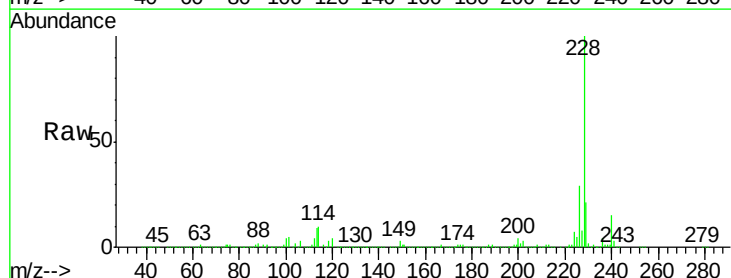
RT: 14.12 min Scan# 1031

Delta R.T. 0.00 min

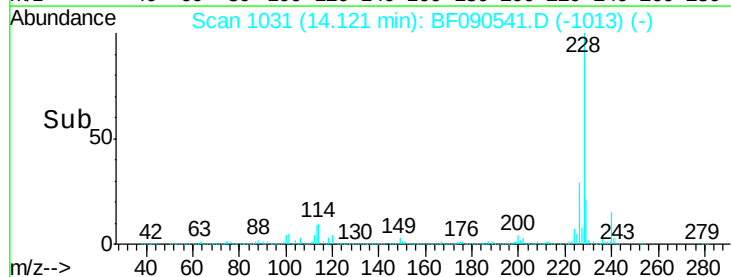
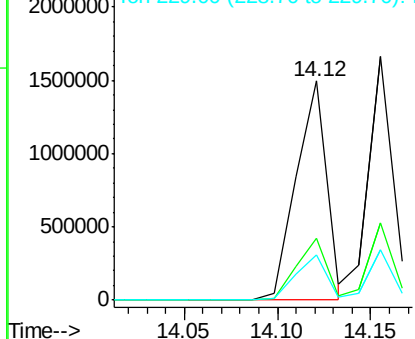
Lab File: BF090541.D

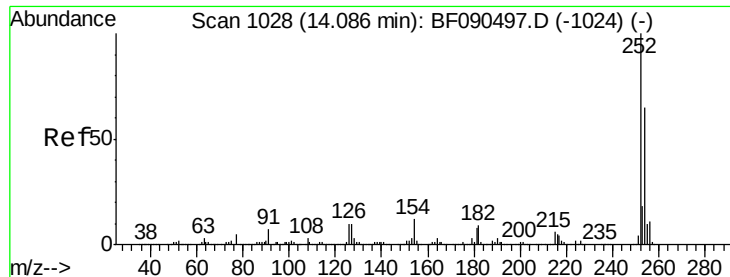
Acq: 12 Oct 2016 17:54

Tgt Ion:	228	Resp:	1709380
Ion Ratio	Lower	Upper	
228	100		
226	28.5	23.6	35.4
229	20.9	16.6	25.0



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





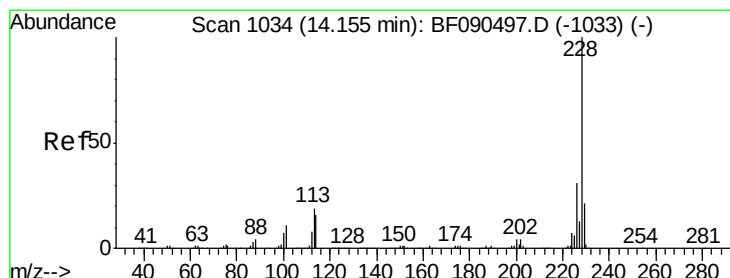
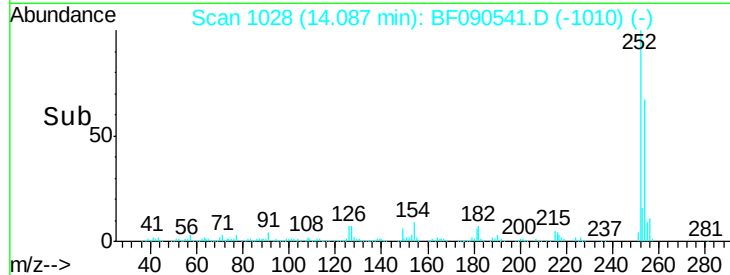
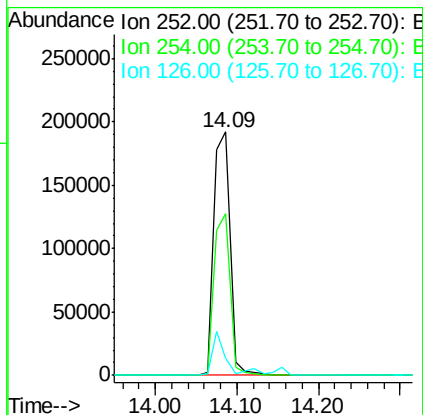
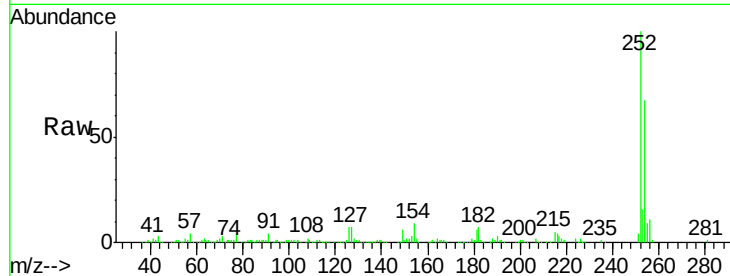
#81
 3,3'-Dichlorobenzidine
 Concen: 18.84 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF090541.D
 Acq: 12 Oct 2016 17:54

Instrument :
 BNA_F
 ClientSampled :
 WC-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.6	52.1	78.1
126	7.0	4.2	6.4

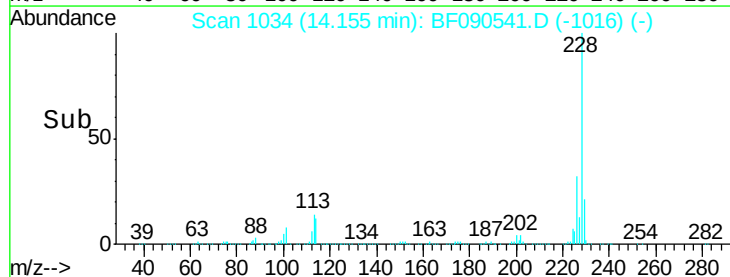
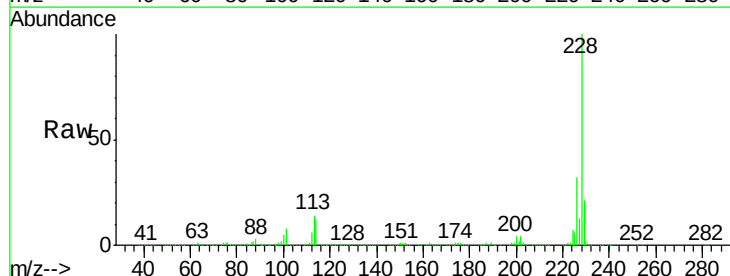
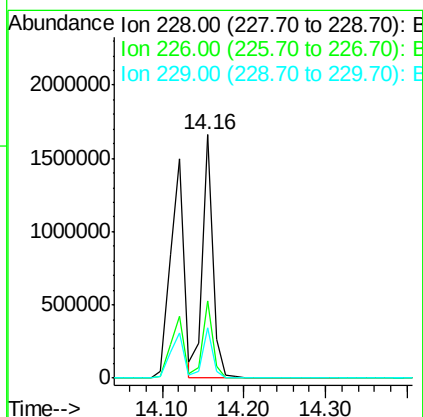
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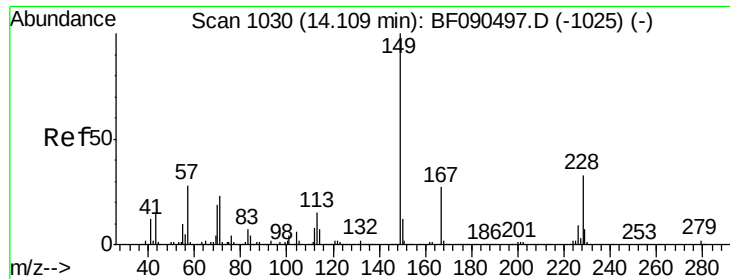
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#82
 Chrysene
 Concen: 40.90 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF090541.D
 Acq: 12 Oct 2016 17:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.8	38.6
229	20.8	16.9	25.3





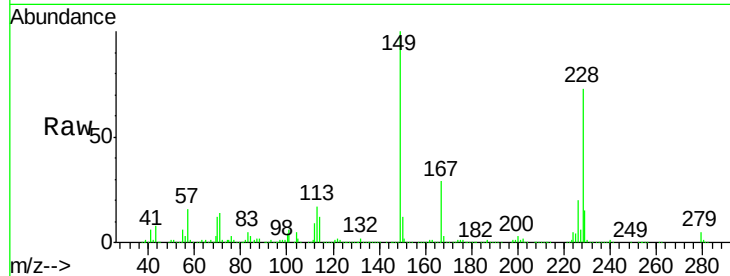
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.01 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF090541.D
 Acq: 12 Oct 2016 17:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.5	32.3
279	4.8	2.6	3.8

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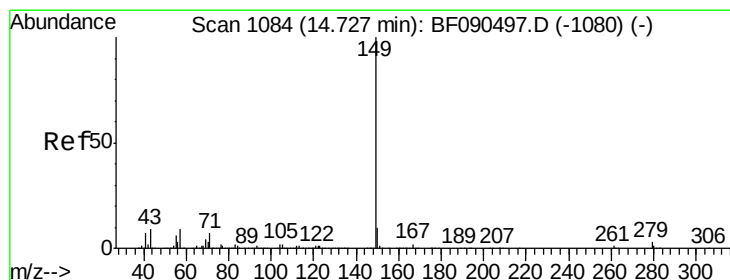
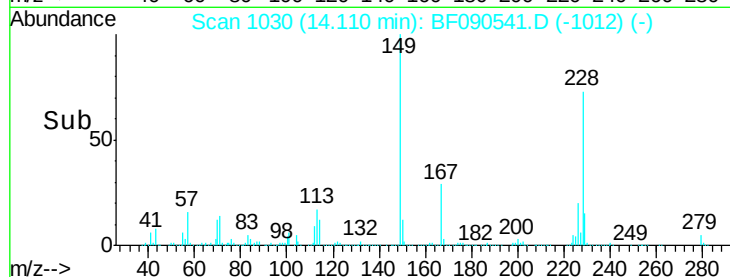
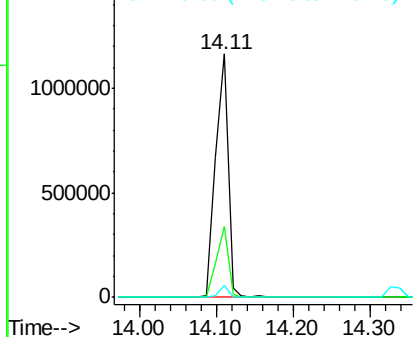


Abundance

Ion 149.00 (148.70 to 149.70): E

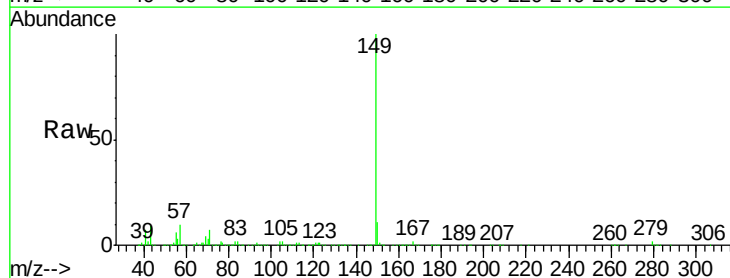
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 44.86 ng
 RT: 14.72 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF090541.D
 Acq: 12 Oct 2016 17:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.8	11.8	17.8

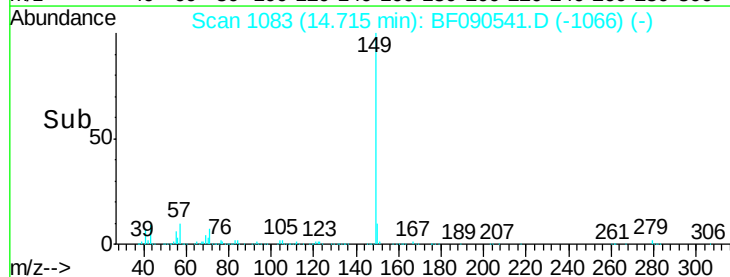
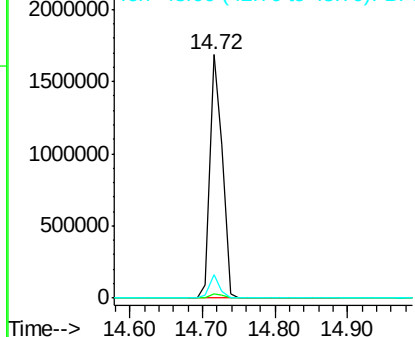


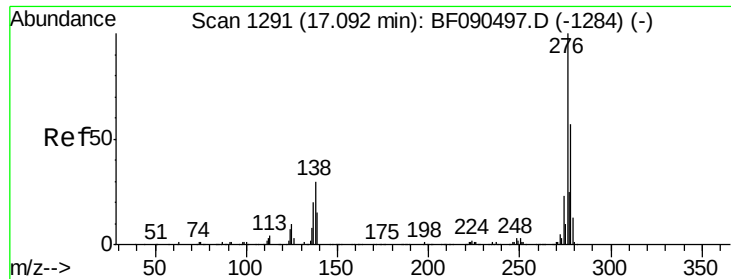
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





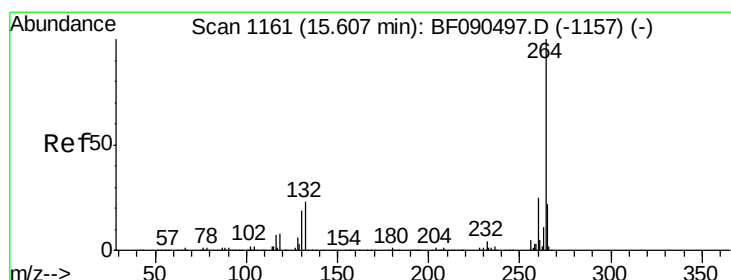
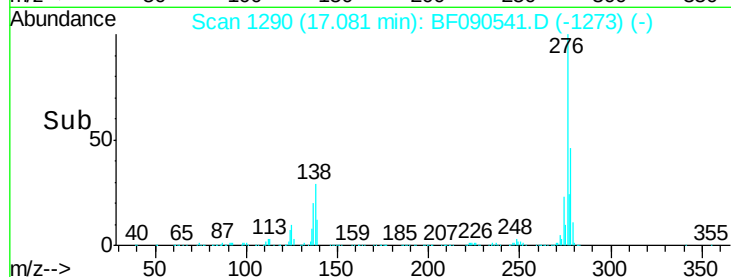
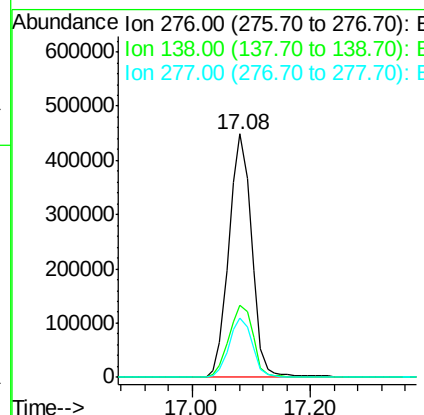
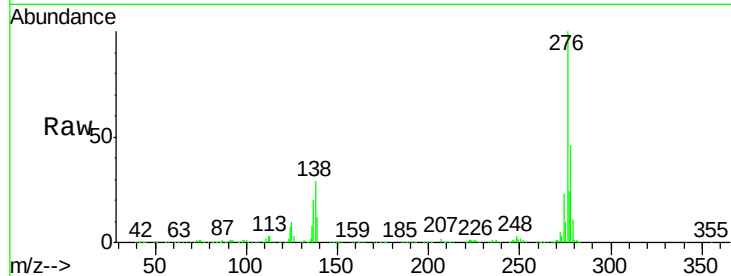
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.03 ng
RT: 17.08 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	31.8	23.8	35.8	
277	25.0	20.4	30.6	

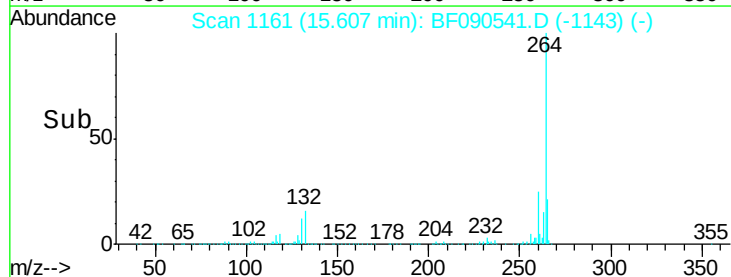
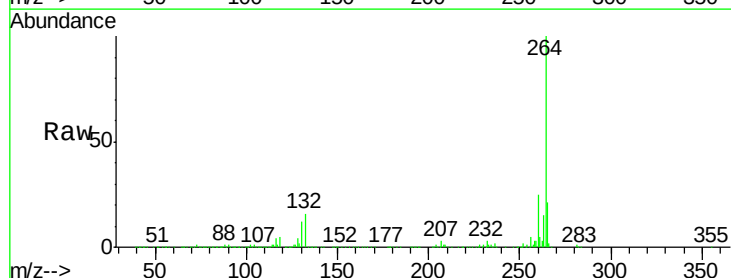
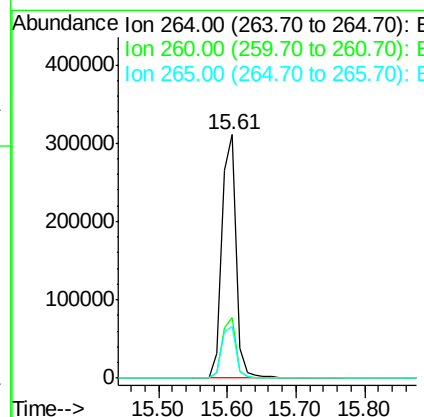
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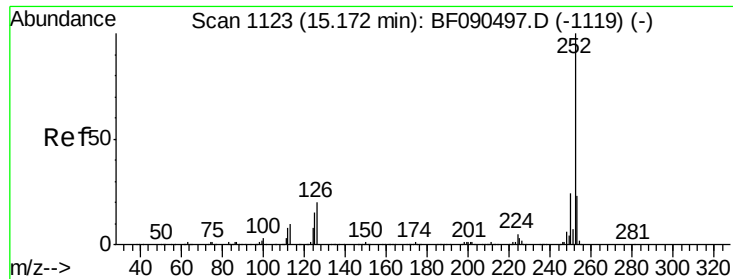
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.6	19.3	28.9	
265	21.4	17.4	26.0	





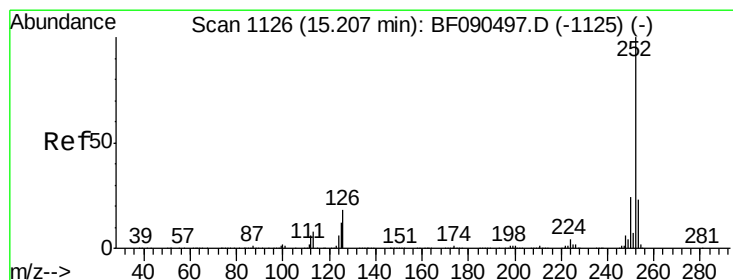
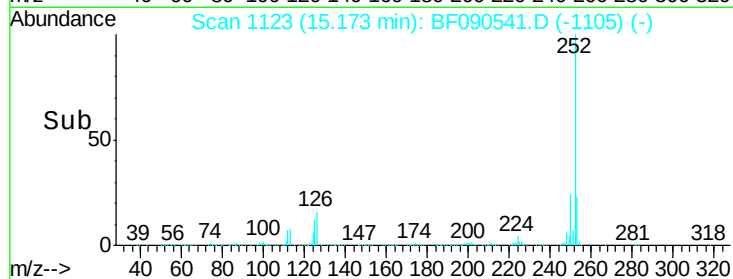
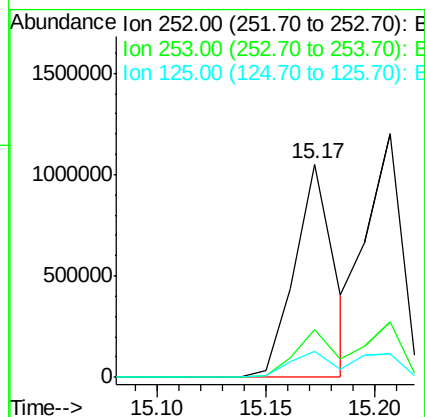
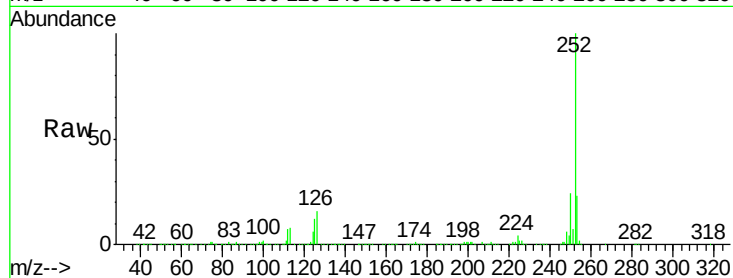
#87
Benzo(b)fluoranthene
Concen: 43.93 ng
RT: 15.17 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Instrument :
BNA_F
ClientSampled :
WC-1MSD

Tot Ion:252 Resp: 1319111
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 12.5 7.0 10.4#

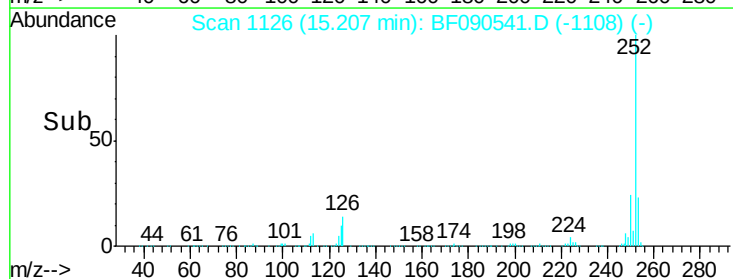
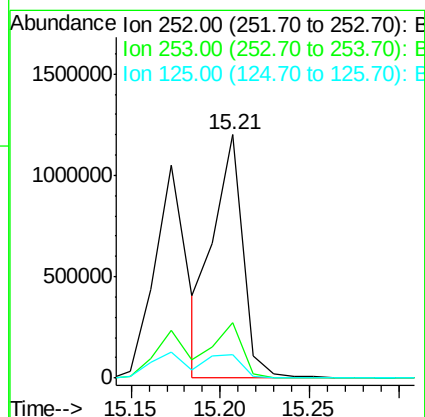
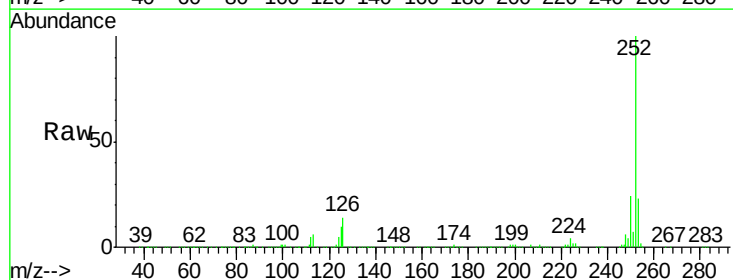
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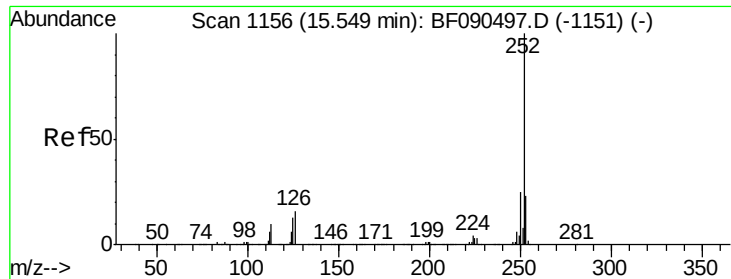
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#88
Benzo(k)fluoranthene
Concen: 51.70 ng m
RT: 15.21 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Tgt Ion:252 Resp: 1383039
Ion Ratio Lower Upper
252 100
253 22.6 18.6 27.8
125 9.8 11.7 17.5#





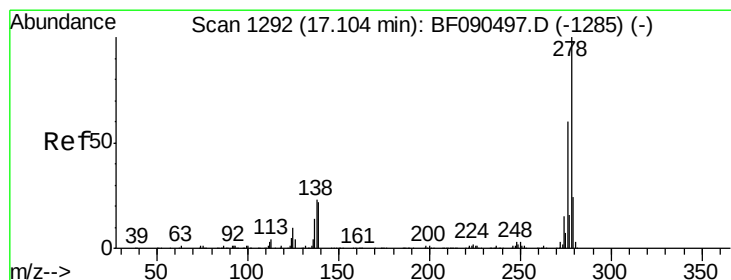
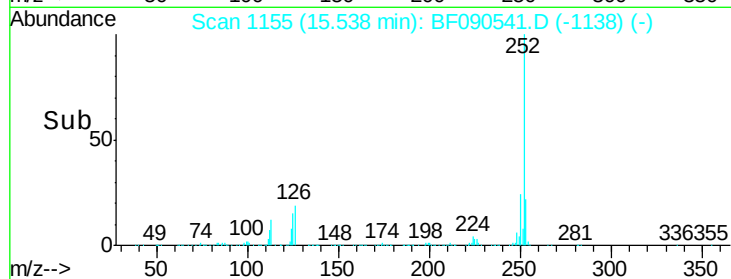
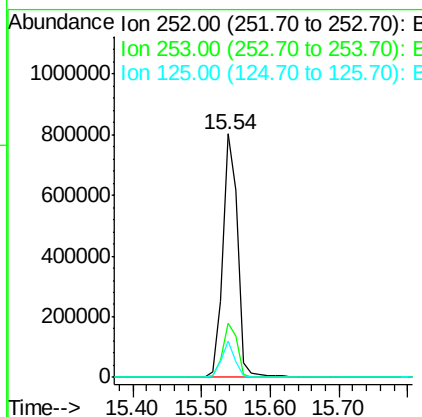
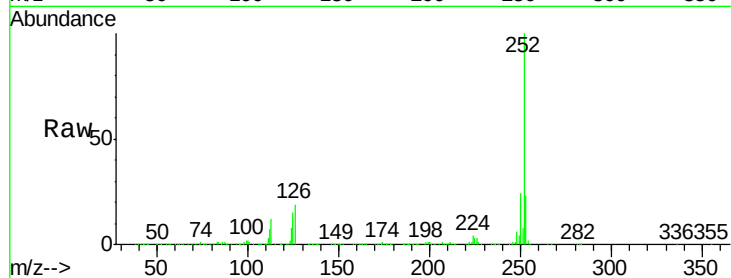
#89
Benzo(a)pyrene
Concen: 46.23 ng
RT: 15.54 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	15.2	9.8	14.8

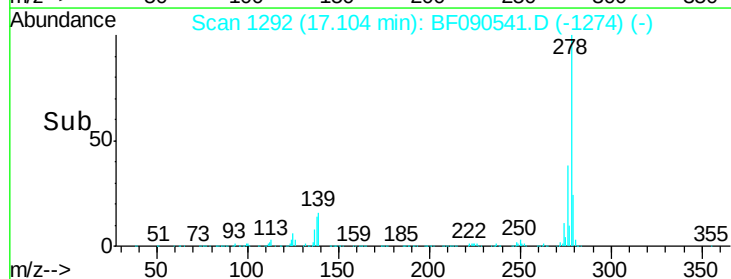
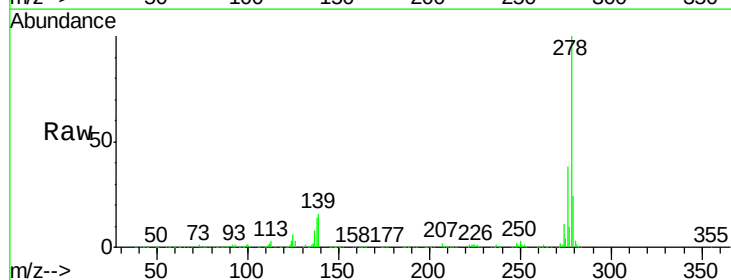
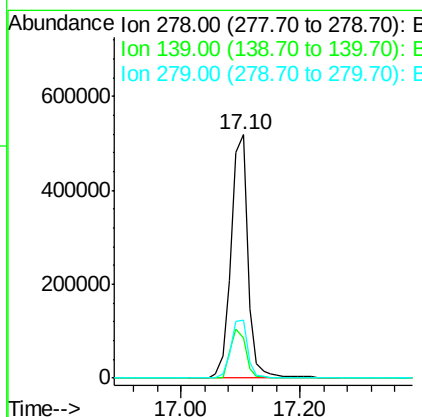
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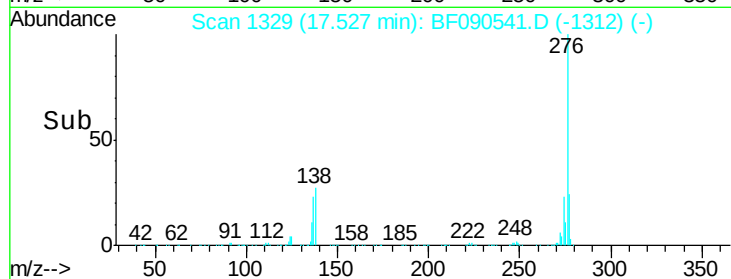
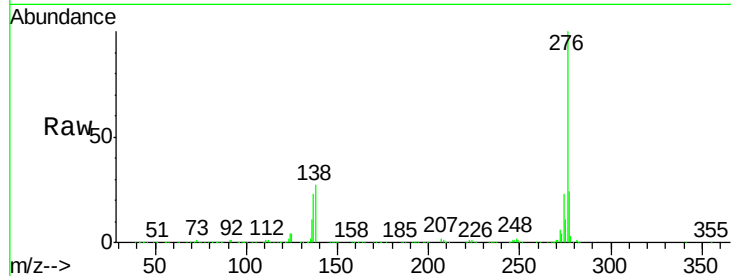
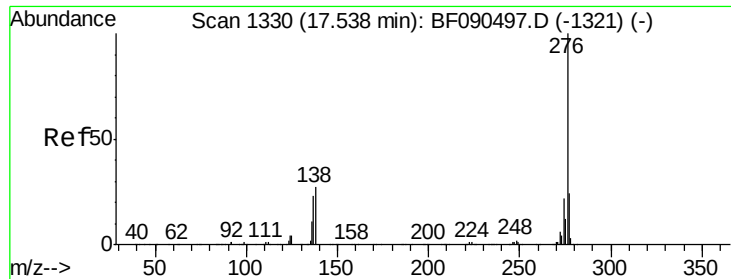
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#90
Dibenzo(a,h)anthracene
Concen: 45.91 ng
RT: 17.10 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF090541.D
Acq: 12 Oct 2016 17:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.8	19.2
279	23.9	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 47.83 ng

RT: 17.53 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF090541.D

Acq: 12 Oct 2016 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tot Ion:	276	Resp:	990864
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.4	29.0
138	26.8	20.8	31.2

Manual Integrations
APPROVED

sohil
10/13/2016 2:04:17 PM

