

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
 Data File : BF090543.D
 Acq On : 12 Oct 2016 18:48
 Operator : UM/SJ
 Sample : PB93974BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

Manual Integrations
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Quant Time: Oct 13 01:16:12 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	216341	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	898330	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	489045	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	828345	20.00	ng	0.00
75) Chrysene-d12	14.13	240	728467	20.00	ng	0.00
86) Perylene-d12	15.61	264	487324	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1400250	100.69	ng	0.01
7) Phenol-d6	6.60	99	1958146	111.58	ng	0.01
23) Nitrobenzene-d5	7.51	82	1076329	64.99	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	626569	129.25	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2242104	77.04	ng	0.00
78) Terphenyl-d14	13.07	244	2200291	73.81	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	183117	26.84	ng	# 77
3) Pyridine	3.47	79	543976m	28.85	ng	
4) n-Nitrosodimethylamine	3.42	42	175404m	28.39	ng	
6) Aniline	6.62	93	427913	19.22	ng	# 74
8) 2-Chlorophenol	6.74	128	606289	40.98	ng	93
9) Benzaldehyde	6.50	77	154935	14.01	ng	97
10) Phenol	6.61	94	697808	35.25	ng	92
11) bis(2-Chloroethyl)ether	6.68	93	604377	40.79	ng	97
12) 1,3-Dichlorobenzene	6.89	146	598315m	37.49	ng	
13) 1,4-Dichlorobenzene	6.97	146	640504	39.33	ng	96
14) 1,2-Dichlorobenzene	7.11	146	566552	38.29	ng	98
15) Benzyl Alcohol	7.09	79	451808	33.53	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	541911	25.52	ng	56
17) 2-Methylphenol	7.22	107	468183	38.91	ng	95
18) Hexachloroethane	7.46	117	213117	35.46	ng	99
19) n-Nitroso-di-n-propylamine	7.37	70	401901	35.91	ng	# 73
20) 3+4-Methylphenols	7.37	107	587877	38.59	ng	# 86
22) Acetophenone	7.37	105	771882	39.03	ng	# 90
24) Nitrobenzene	7.54	77	575804	32.41	ng	# 83
25) Isophorone	7.78	82	1058953	35.13	ng	# 92
26) 2-Nitrophenol	7.85	139	310344	38.29	ng	# 88
27) 2,4-Dimethylphenol	7.89	122	538877	39.11	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	688073	36.96	ng	98
29) 2,4-Dichlorophenol	8.10	162	501607	43.53	ng	96
30) 1,2,4-Trichlorobenzene	8.18	180	530482	40.08	ng	98
31) Naphthalene	8.26	128	1665853	37.22	ng	98
32) Benzoic acid	8.03	122	296115	27.23	ng	87
33) 4-Chloroaniline	8.31	127	221459	11.69	ng	# 87
34) Hexachlorobutadiene	8.37	225	279284	37.74	ng	100
35) Caprolactam	8.68	113	153826m	41.18	ng	
36) 4-Chloro-3-methylphenol	8.81	107	529332	39.34	ng	88
37) 2-Methylnaphthalene	8.95	142	1144881	38.11	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	516731	37.74	ng	99
40) Hexachlorocyclopentadiene	9.10	237	603323	88.78	ng	98

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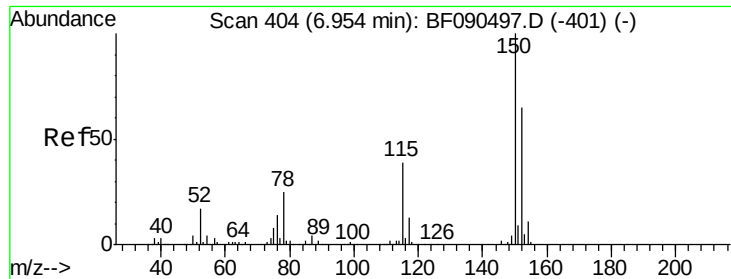
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Quant Time: Oct 13 01:16:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	345113	37.39	nq	96
43) 2,4,5-Trichlorophenol	9.27	196	389298	42.61	nq	96
45) 1,1'-Biphenyl	9.41	154	1336033	35.77	nq	97
46) 2-Chloronaphthalene	9.45	162	1069562	38.49	nq	92
47) 2-Nitroaniline	9.54	65	313591	31.64	nq	90
48) Acenaphthylene	9.86	152	1649762	36.80	nq	98
49) Dimethylphthalate	9.72	163	1354022	41.17	nq	98
50) 2,6-Dinitrotoluene	9.78	165	288168	39.68	nq	# 81
51) Acenaphthene	10.03	154	1144037	38.07	nq	97
52) 3-Nitroaniline	9.95	138	147243	16.34	nq	98
53) 2,4-Dinitrophenol	10.05	184	260195	64.57	nq	# 77
54) Dibenzofuran	10.20	168	1480099	37.02	nq	96
55) 4-Nitrophenol	10.13	139	499916	71.40	nq	# 74
56) 2,4-Dinitrotoluene	10.19	165	429963	44.76	nq	# 87
57) Fluorene	10.54	166	1188663	36.41	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	324874	42.63	nq	100
59) Diethylphthalate	10.42	149	1265636	37.84	nq	94
60) 4-Chlorophenyl-phenylether	10.53	204	593893	39.43	nq	95
61) 4-Nitroaniline	10.58	138	308120	33.51	nq	85
62) Azobenzene	10.69	77	1270984	34.79	nq	89
64) 4,6-Dinitro-2-methylphenol	10.60	198	177813	32.14	nq	# 41
65) n-Nitrosodiphenylamine	10.66	169	1070174	39.73	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	363015	39.55	nq	# 92
67) Hexachlorobenzene	11.09	284	413439	40.78	nq	95
68) Atrazine	11.18	200	328345	39.39	nq	98
69) Pentachlorophenol	11.30	266	456927	75.73	nq	98
70) Phenanthrene	11.51	178	1844456	40.40	nq	97
71) Anthracene	11.56	178	1837103	39.72	nq	99
72) Carbazole	11.72	167	1799981	41.21	nq	97
73) Di-n-butylphthalate	12.04	149	1953978	37.14	nq	98
74) Fluoranthene	12.70	202	1921474	41.23	nq	90
76) Benzidine	12.82	184	502914	21.97	nq	99
77) Pyrene	12.93	202	1986877	43.57	nq	98
79) Butylbenzylphthalate	13.55	149	916667	42.94	nq	90
80) Benzo(a)anthracene	14.12	228	1674035	38.56	nq	98
81) 3,3'-Dichlorobenzidine	14.09	252	316117	20.23	nq	# 99
82) Chrysene	14.16	228	1490879	36.89	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	1239121	39.78	nq	# 95
84) Di-n-octyl phthalate	14.72	149	1894560	39.27	nq	# 84
85) Indeno(1,2,3-cd)pyrene	17.08	276	1148801	34.14	nq	98
87) Benzo(b)fluoranthene	15.17	252	1345343	41.84	nq	# 97
88) Benzo(k)fluoranthene	15.21	252	1381449m	48.23	nq	
89) Benzo(a)pyrene	15.54	252	1195371	42.34	nq	98
90) Dibenzo(a,h)anthracene	17.09	278	979841	40.85	nq	# 95
91) Benzo(g,h,i)perylene	17.53	276	915030	41.25	nq	99

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



#1

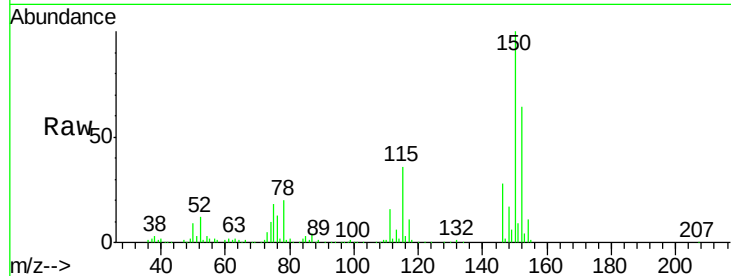
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

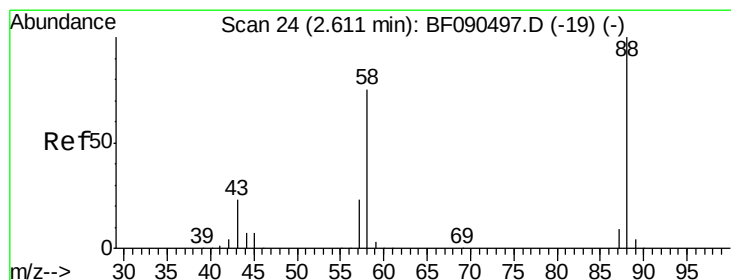
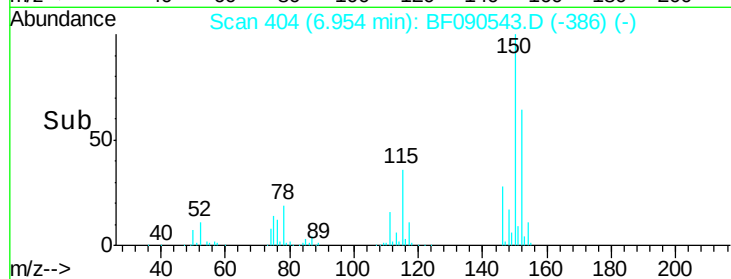
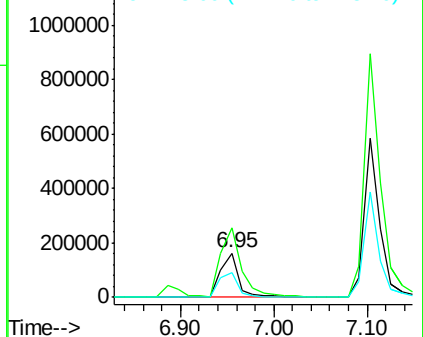
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.6	186.8
115	56.0	46.2	69.4

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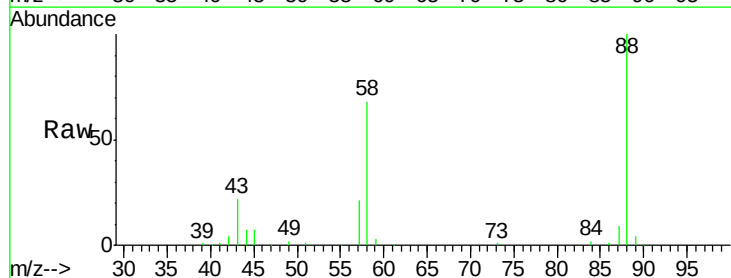
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



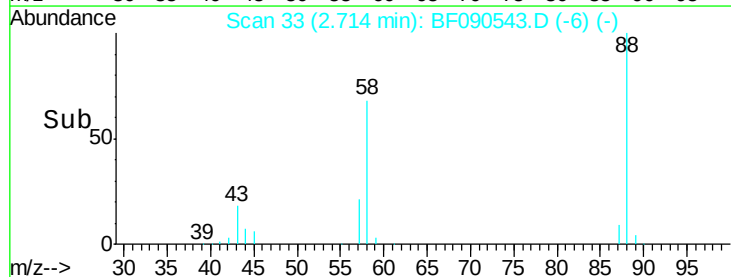
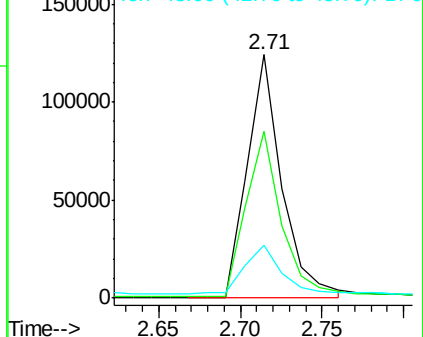
#2

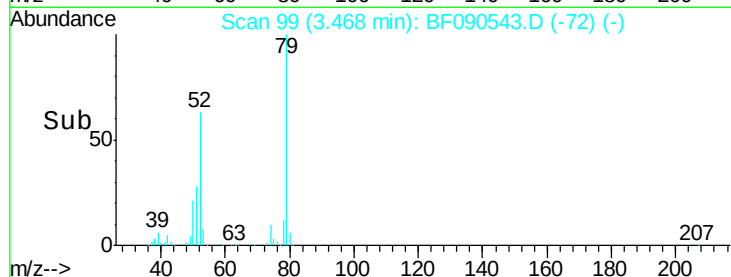
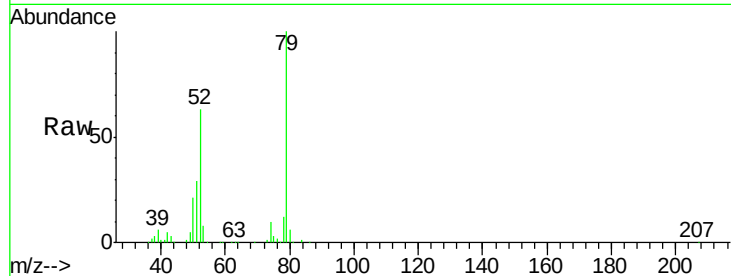
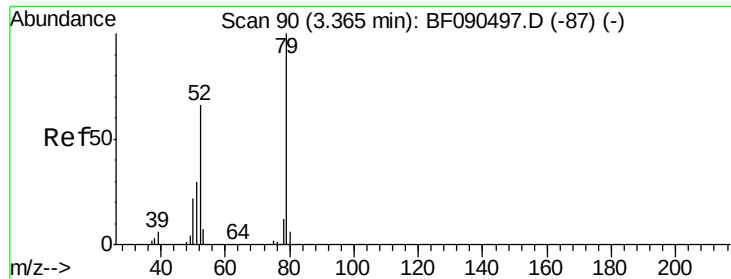
1,4-Dioxane
Concen: 26.84 ng
RT: 2.71 min Scan# 33
Delta R.T. 0.10 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	71.2	106.8#
43	20.4	29.8	44.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





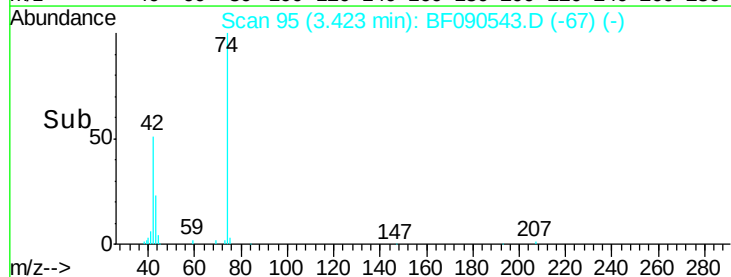
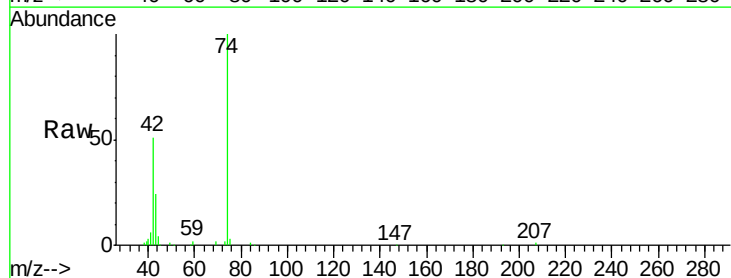
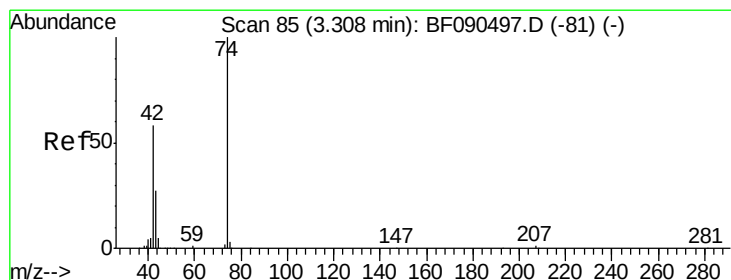
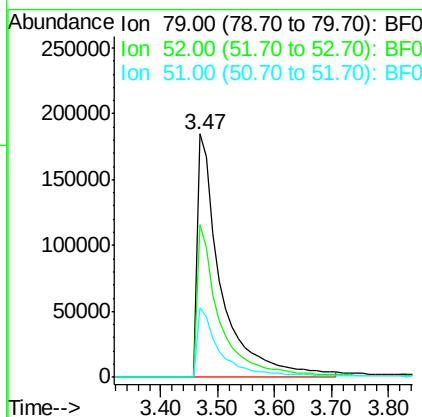
#3
 Pvridine
 Concen: 28.85 ng m
 RT: 3.47 min Scan# 99
 Delta R.T. 0.10 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.8	71.3	106.9#
51	28.5	34.5	51.7#

Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

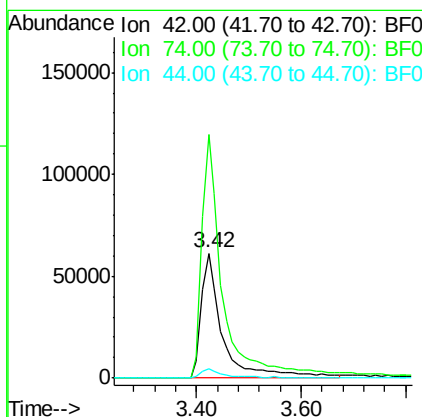
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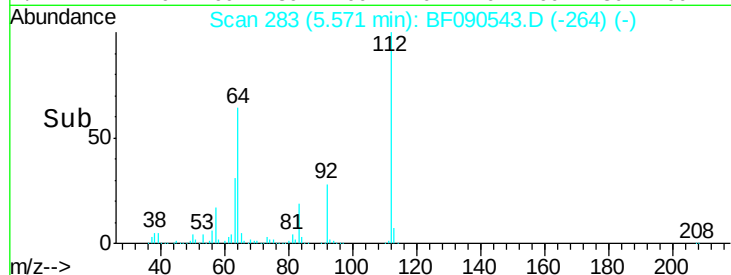
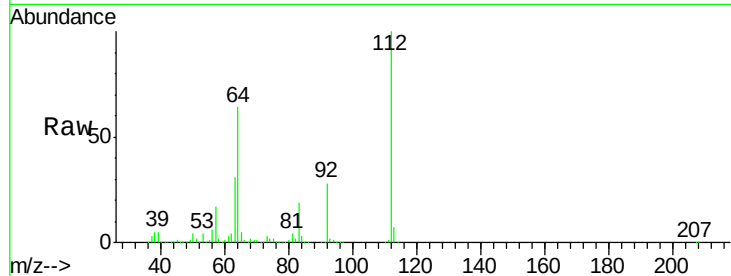
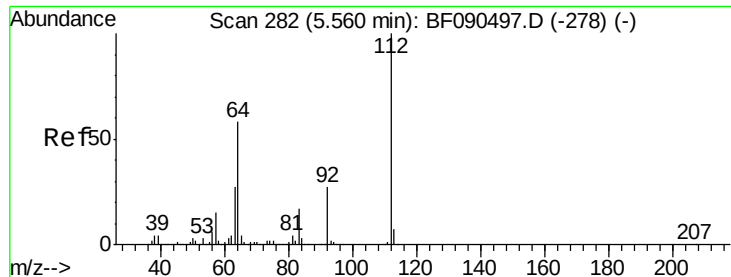
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#4
 n-Nitrosodimethylamine
 Concen: 28.39 ng m
 RT: 3.42 min Scan# 95
 Delta R.T. 0.11 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	195.5	88.9	133.3#
44	8.0	6.5	9.7





#5

2-Fluorophenol

Concen: 100.69 ng

RT: 5.57 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Tot Ion:	112	Resp:	1400250
Ion Ratio	Lower	Upper	
112	100		
64	63.9	57.9	86.9
63	30.9	29.6	44.4

Instrument :

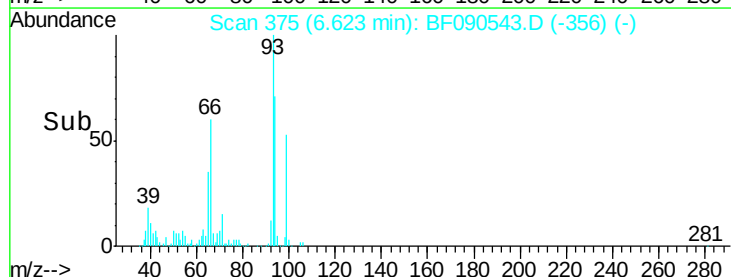
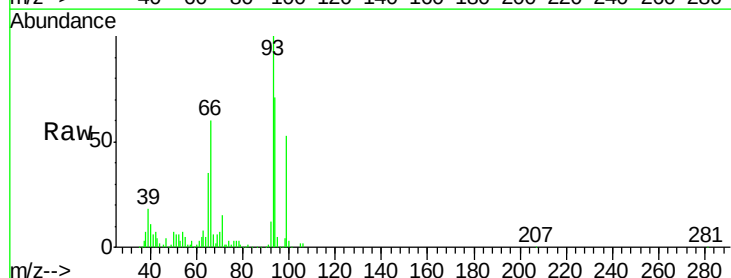
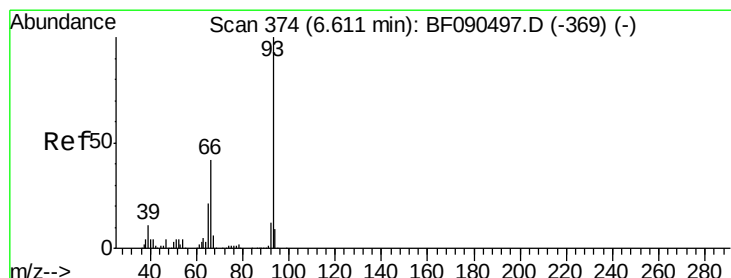
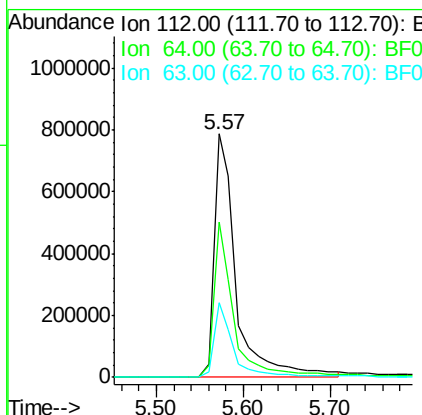
BNA_F

ClientSampleId :

PB93974BS

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#6

Aniline

Concen: 19.22 ng

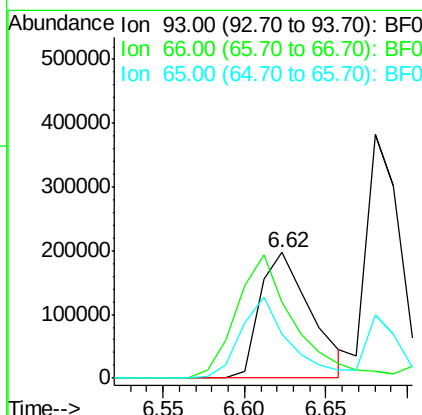
RT: 6.62 min Scan# 375

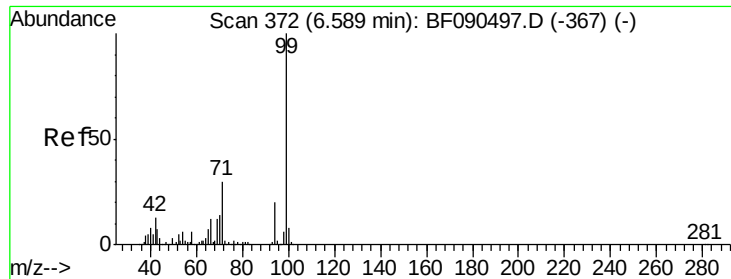
Delta R.T. 0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Tgt Ion:	93	Resp:	427913
Ion Ratio	Lower	Upper	
93	100		
66	60.1	34.5	51.7#
65	34.8	18.2	27.2#





#7

Phenol-d6

Concen: 111.58 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

Tot Ion: 99 Resp: 1958146

Ion Ratio Lower Upper

99 100

42 12.0 20.0 30.0#

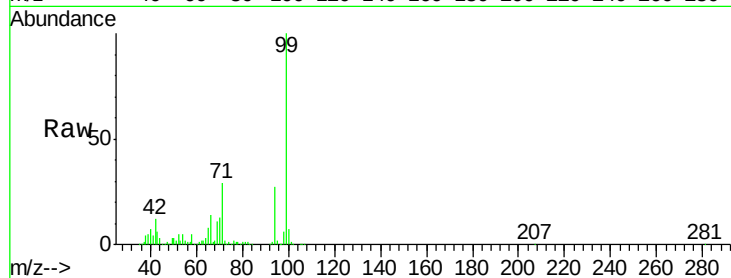
71 29.0 27.9 41.9

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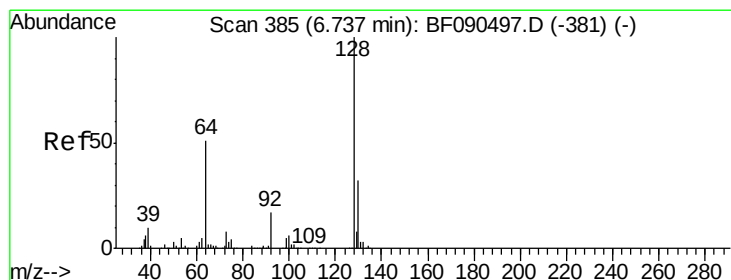
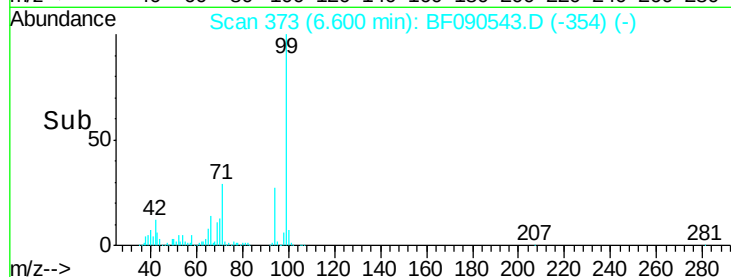
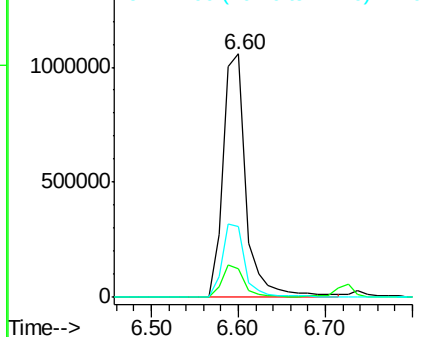
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.98 ng

RT: 6.74 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

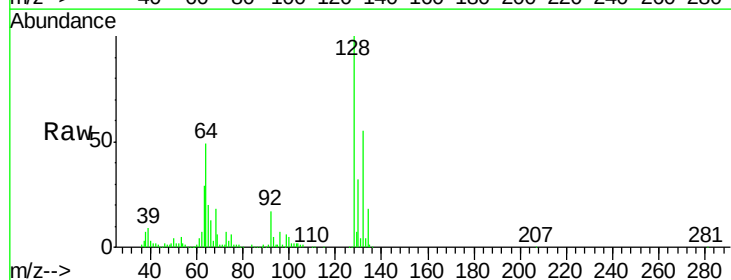
Tgt Ion: 128 Resp: 606289

Ion Ratio Lower Upper

128 100

130 32.3 13.3 53.3

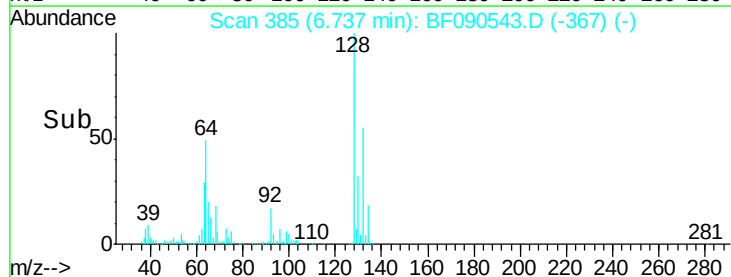
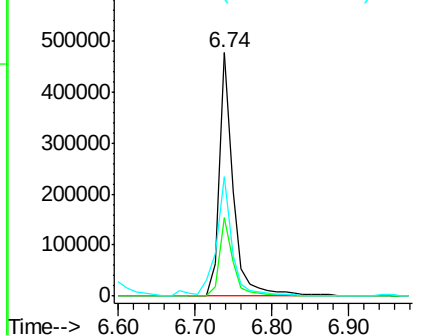
64 49.2 36.0 76.0

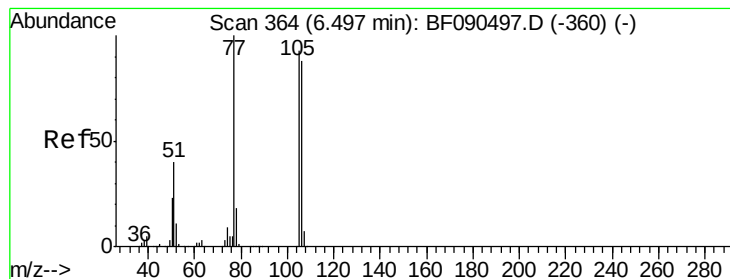


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.01 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

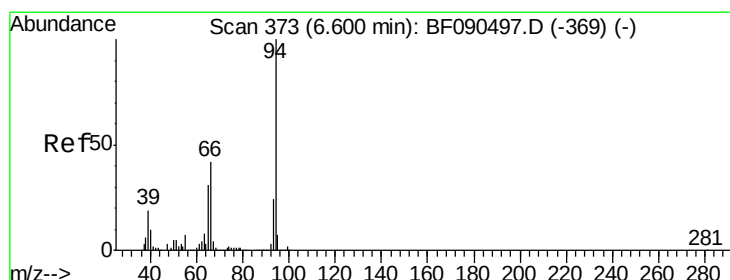
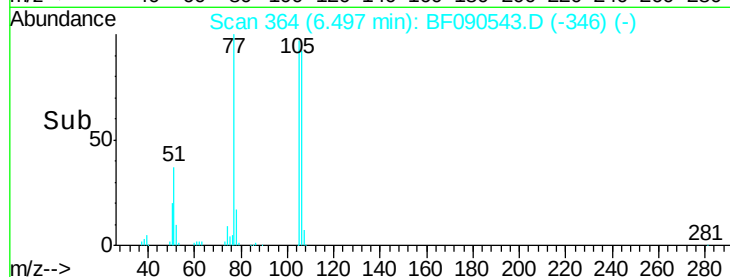
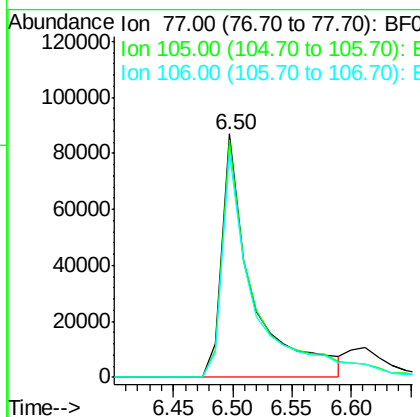
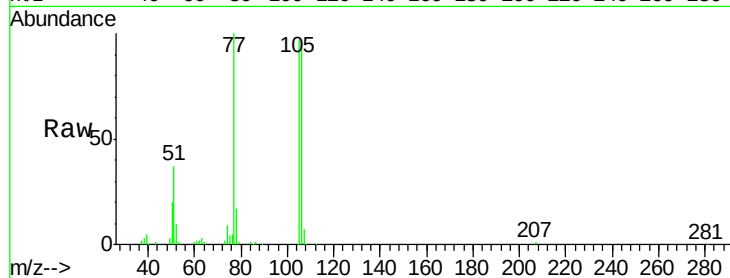
ClientSampleID :

PB93974BS

Tot Ion:	77	Resp:	154935
Ion Ratio	Lower	Upper	
77	100		
105	97.3	73.1	113.1
106	92.3	70.2	110.2

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#10

Phenol

Concen: 35.25 ng

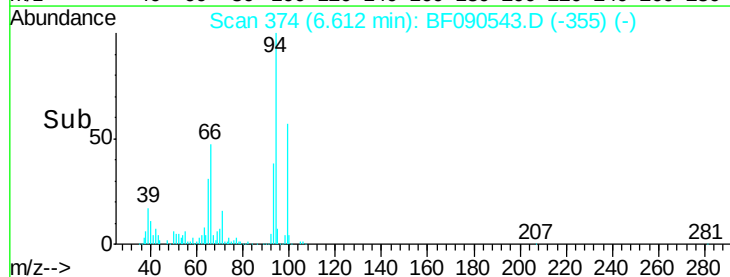
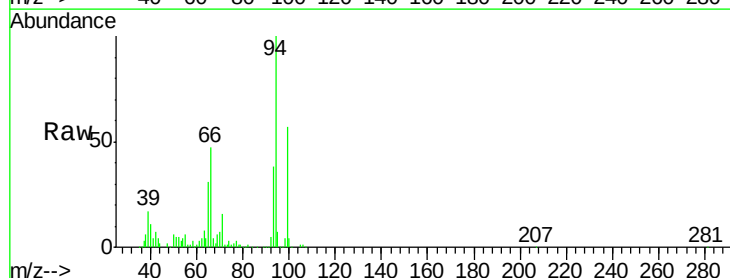
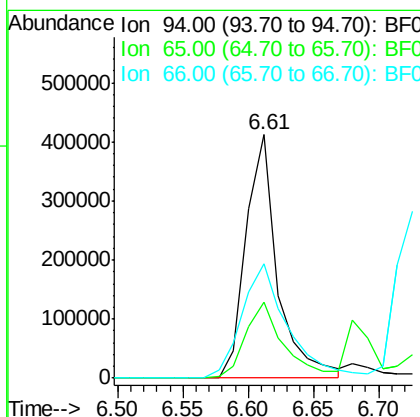
RT: 6.61 min Scan# 374

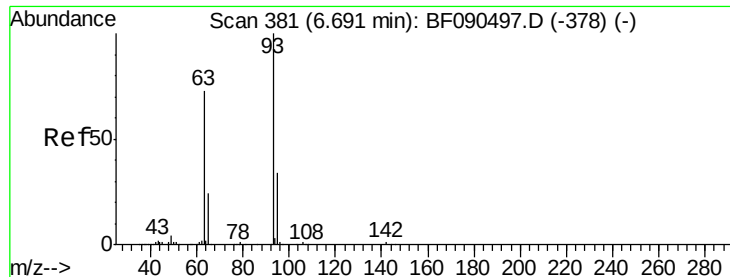
Delta R.T. 0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Tgt Ion:	94	Resp:	697808
Ion Ratio	Lower	Upper	
94	100		
65	31.0	13.3	53.3
66	47.0	20.4	60.4





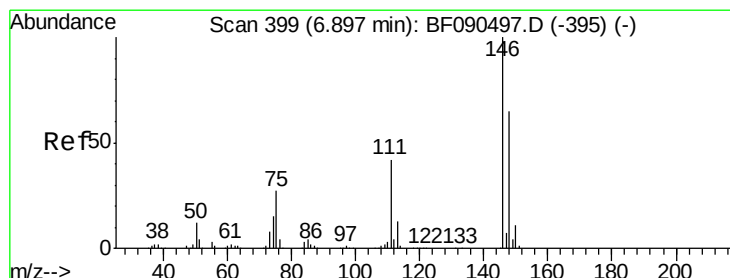
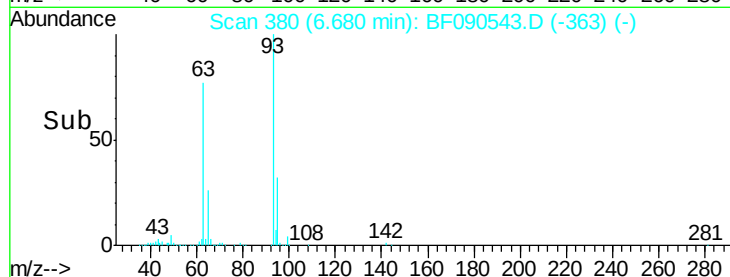
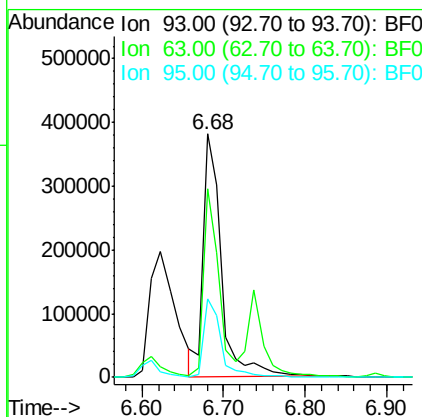
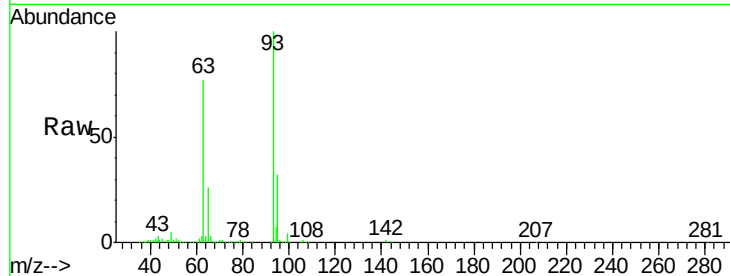
#11
bis(2-Chloroethyl)ether
Concen: 40.79 ng
RT: 6.68 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

Tot Ion:	93	Resp:	604377
Ion	Ratio	Lower	Upper
93	100		
63	77.3	59.7	99.7
95	32.1	14.0	54.0

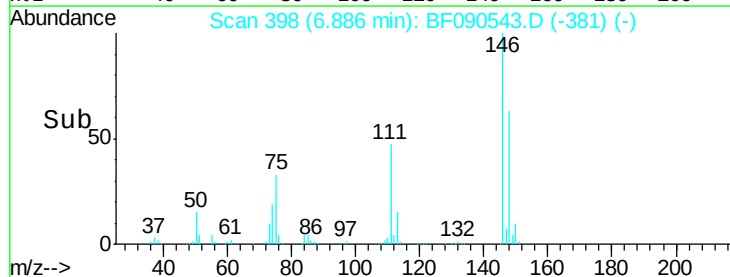
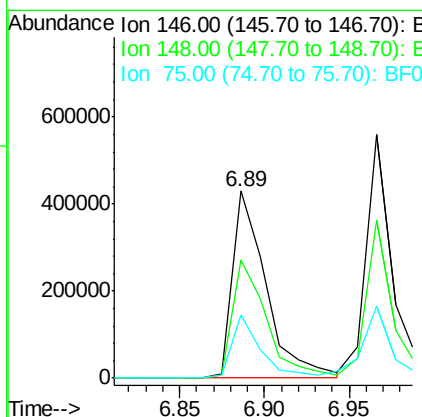
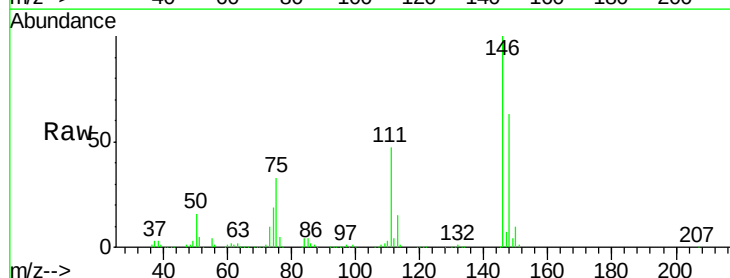
Manual Integrations
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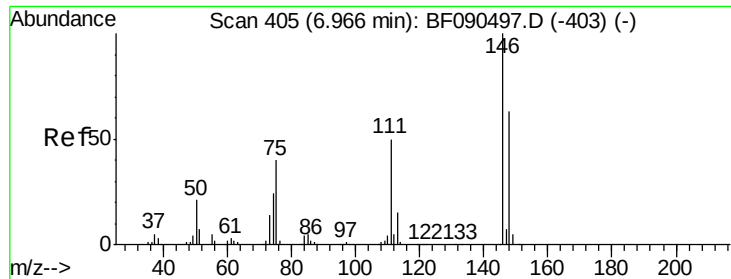
sohil
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#12
1,3-Dichlorobenzene
Concen: 37.49 ng m
RT: 6.89 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion:	146	Resp:	598315
Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.4
75	33.4	21.4	32.2#





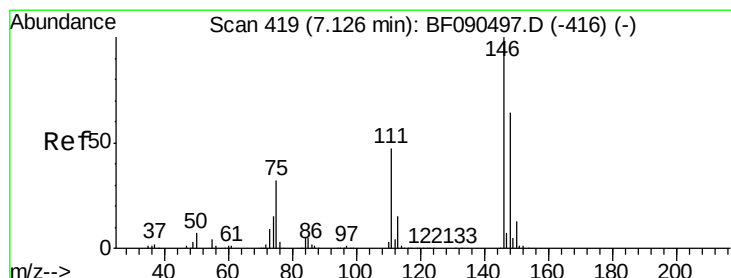
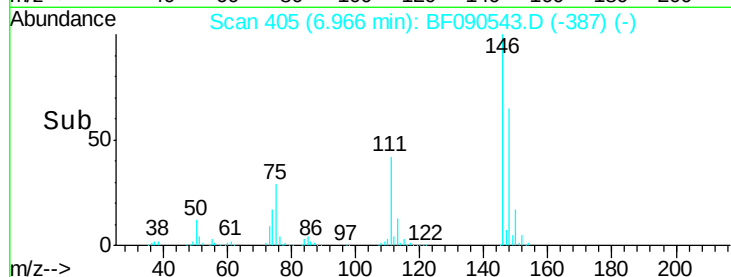
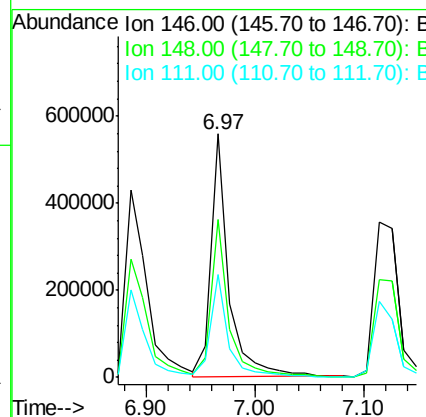
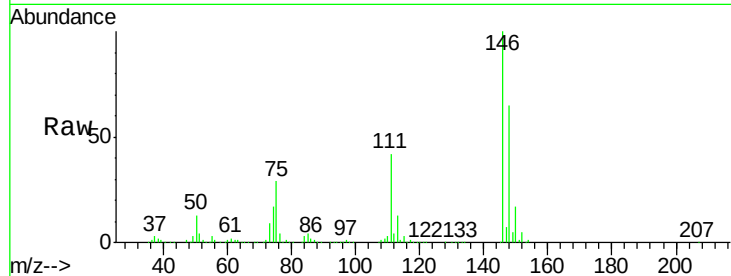
#13
1,4-Dichlorobenzene
Concen: 39.33 ng
RT: 6.97 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.1	76.7
111	42.1	37.8	56.6

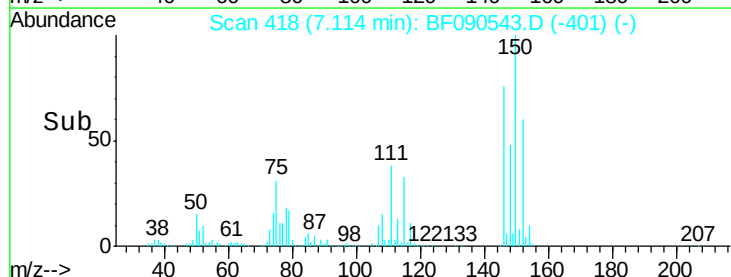
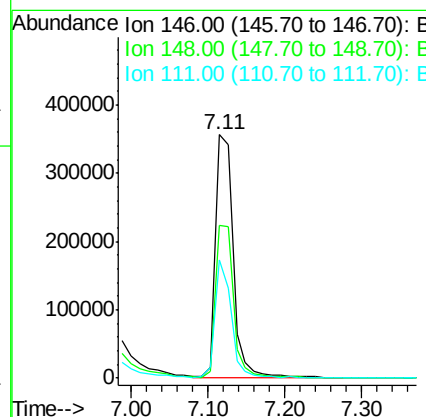
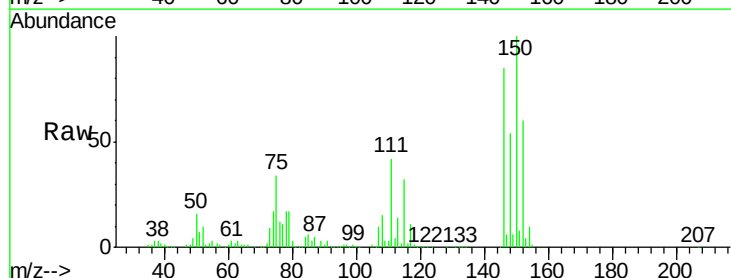
Manual Integrations
APPROVED

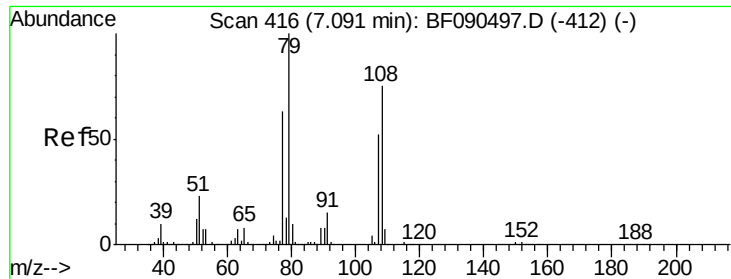
sohil
10/13/2016 2:04:50 PM



#14
1,2-Dichlorobenzene
Concen: 38.29 ng
RT: 7.11 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.3	78.5
111	48.7	38.2	57.4





#15

Benzyl Alcohol

Concen: 33.53 ng

RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

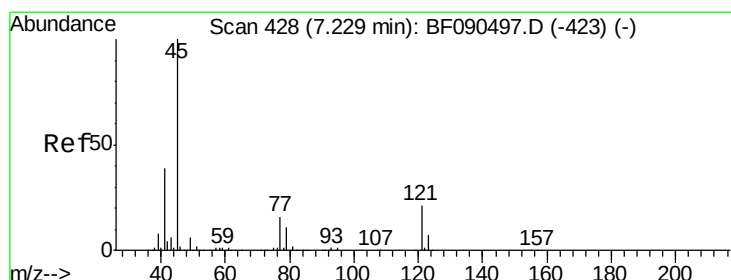
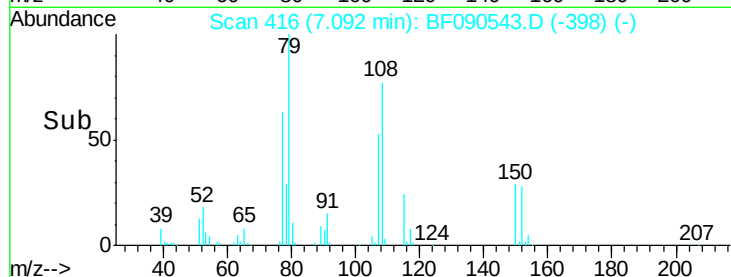
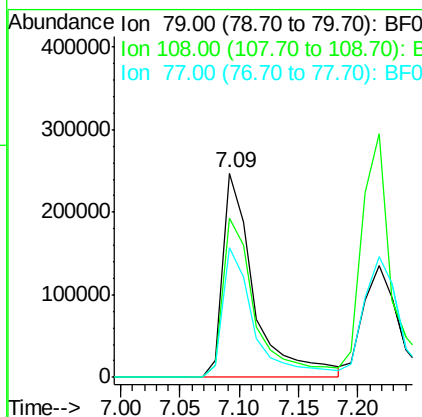
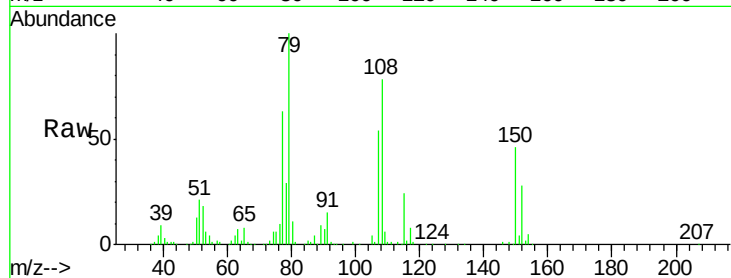
ClientSampleId :

PB93974BS

Tot Ion:	79	Resp:	451808
Ion Ratio	Lower	Upper	
79	100		
108	77.8	60.9	91.3
77	63.2	51.5	77.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 25.52 ng

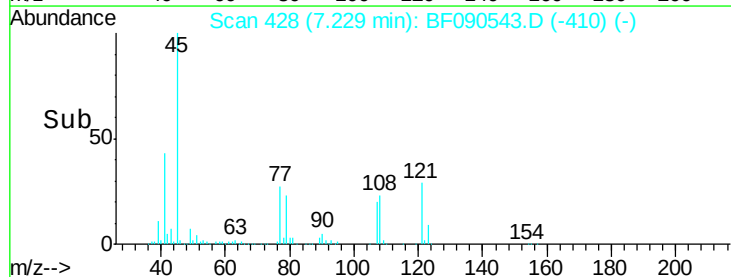
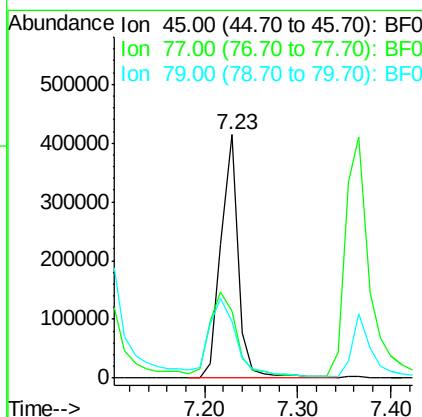
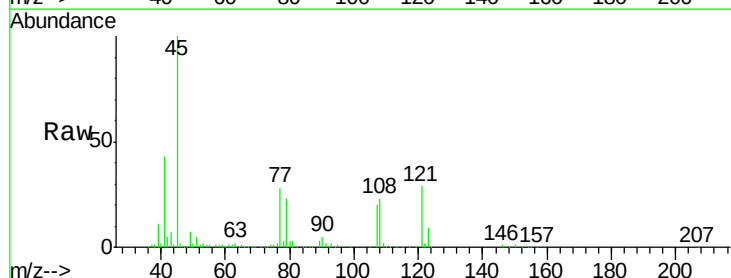
RT: 7.23 min Scan# 428

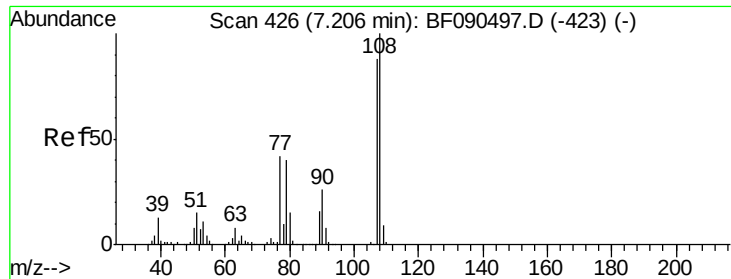
Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Tgt Ion:	45	Resp:	541911
Ion Ratio	Lower	Upper	
45	100		
77	27.5	0.0	30.8
79	23.3	0.0	28.2





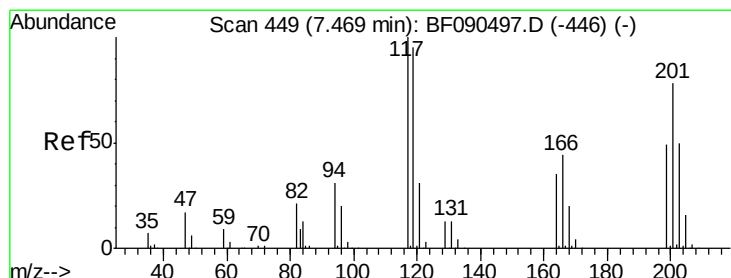
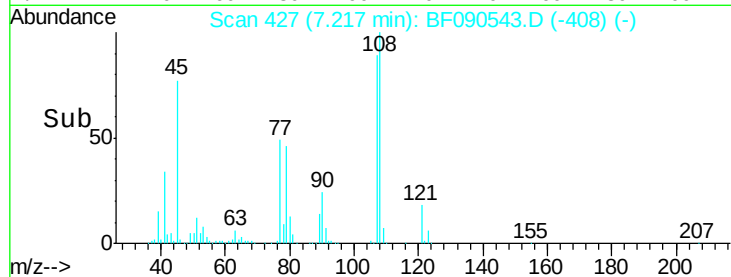
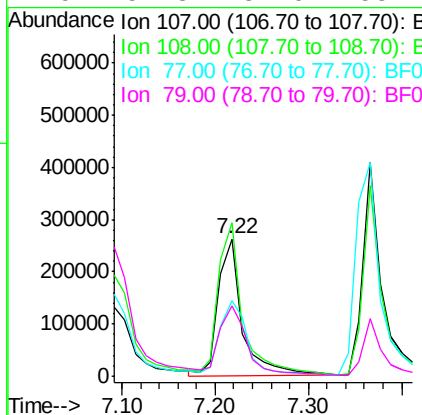
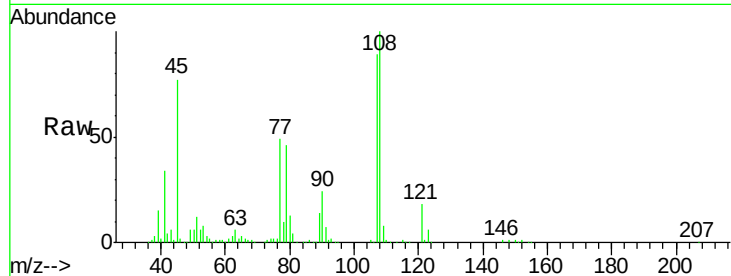
#17
2-Methylphenol
Concen: 38.91 ng
RT: 7.22 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

Tot Ion:	107	Resp:	468183
Ion Ratio	Lower	Upper	
107	100		
108	112.1	90.9	136.3
77	55.4	38.2	57.4
79	51.3	37.0	55.4

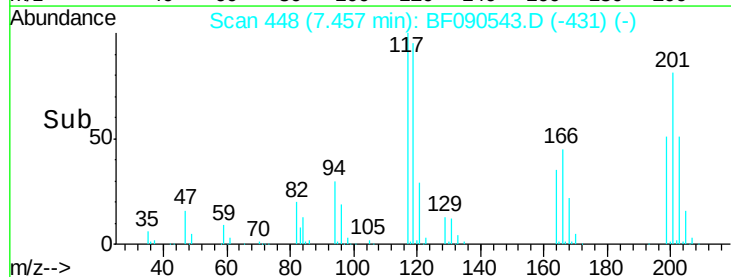
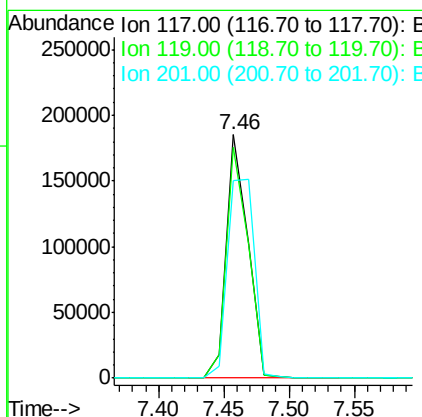
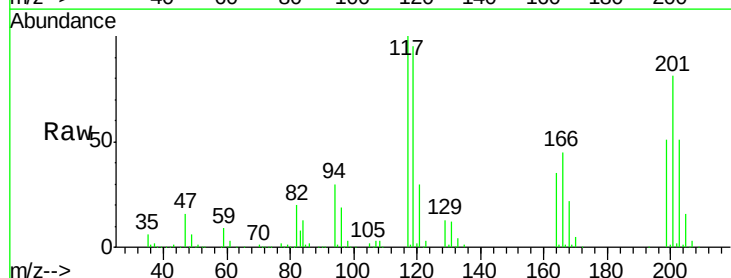
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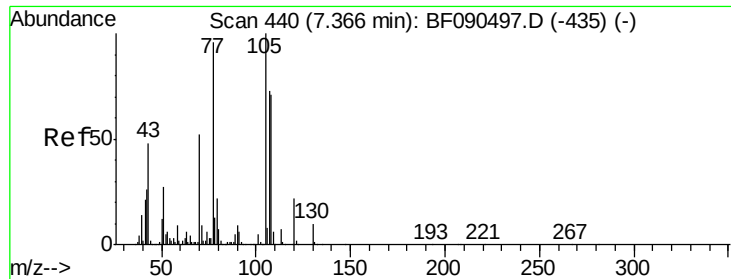
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#18
Hexachloroethane
Concen: 35.46 ng
RT: 7.46 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion:	117	Resp:	213117
Ion Ratio	Lower	Upper	
117	100		
119	95.0	75.9	113.9
201	81.2	66.5	99.7





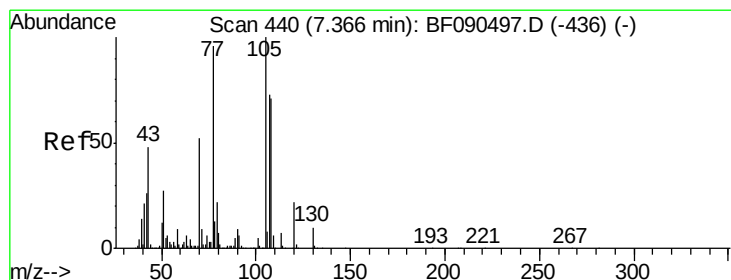
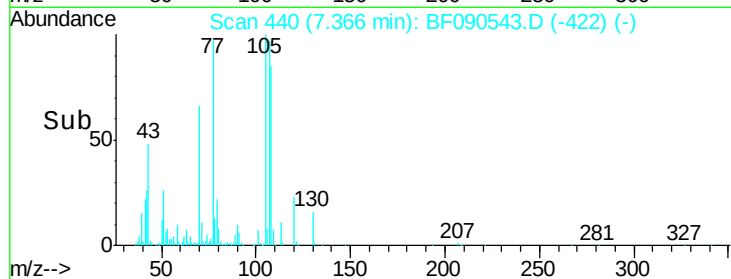
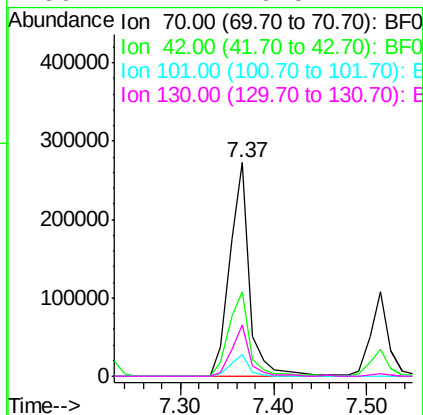
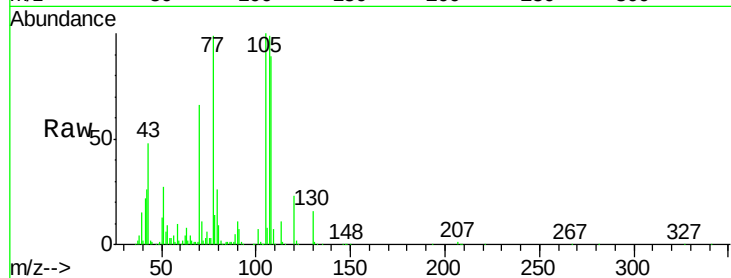
#19
n-Nitroso-di-n-propylamine
Concen: 35.91 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	39.7	55.4	83.2#
101	10.1	7.6	11.4
130	24.2	16.5	24.7

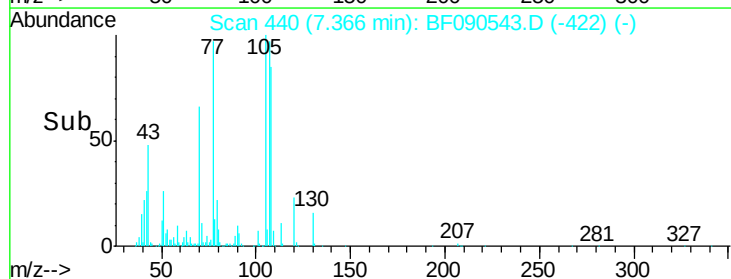
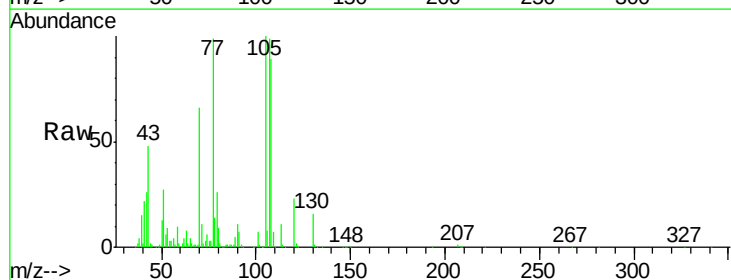
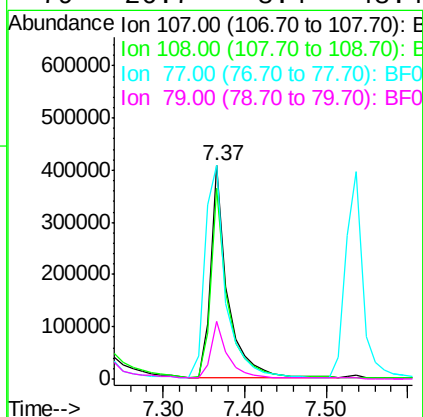
Manual Integrations
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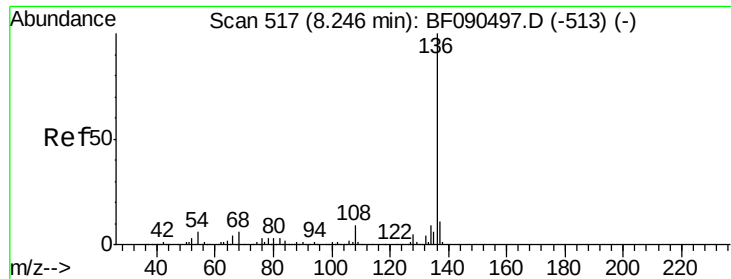
sohil
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#20
3+4-Methylphenols
Concen: 38.59 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	66.7	106.7
77	100.1	53.7	93.7#
79	26.7	8.4	48.4





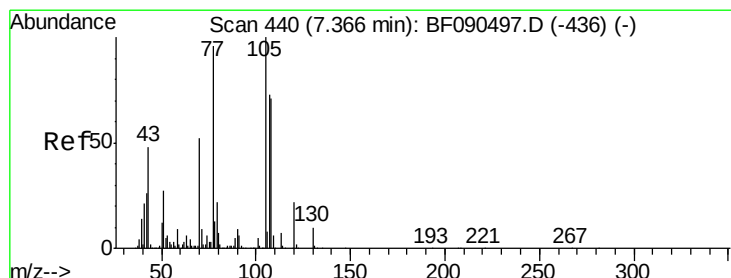
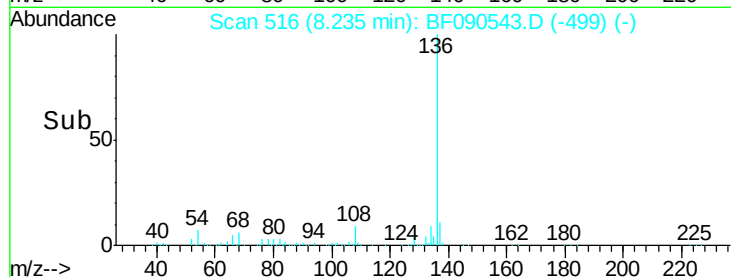
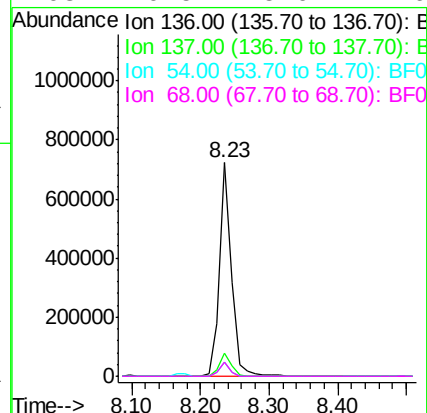
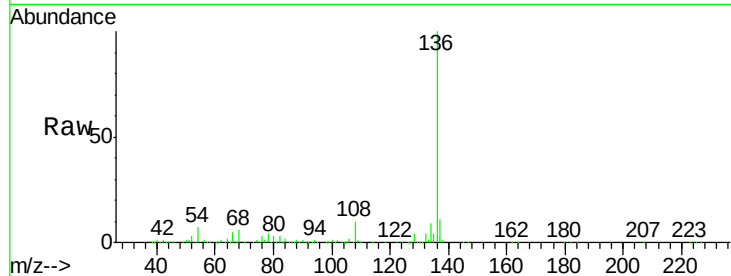
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampled :
PB93974BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		898330		
137	11.1		9.0	13.6	
54	6.7		6.6	10.0	
68	6.5		5.0	7.6	

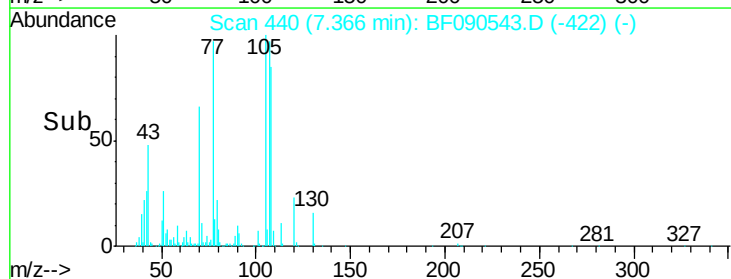
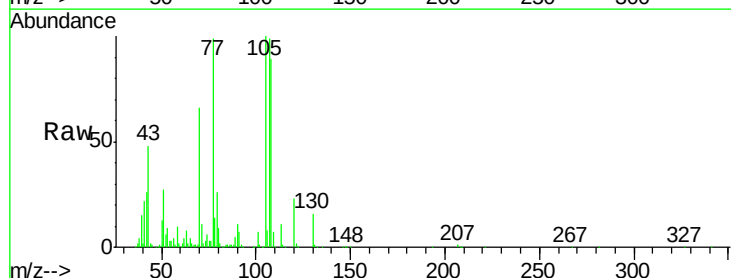
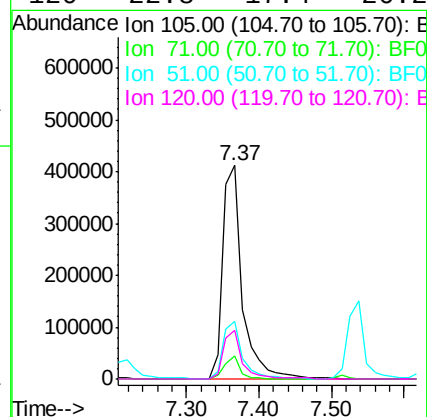
Manual Integrations
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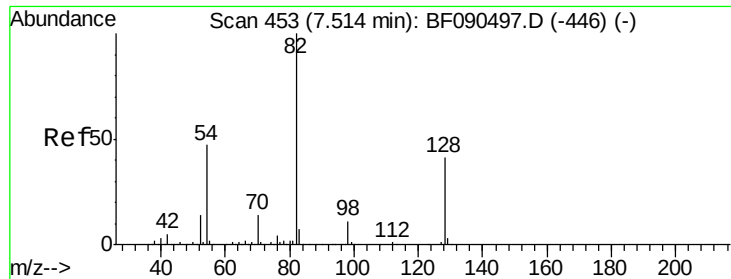
sohil
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#22
Acetophenone
Concen: 39.03 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		771882		
71	10.9		3.8	5.6#	
51	27.2		28.2	42.4#	
120	22.8		17.4	26.2	





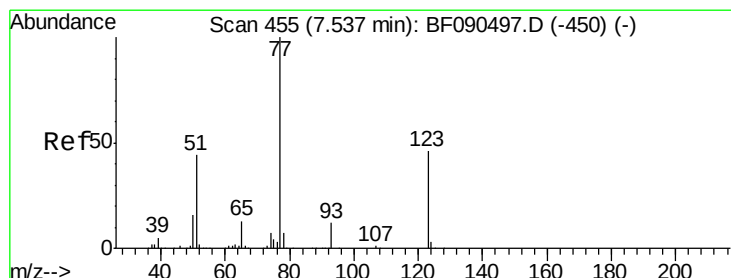
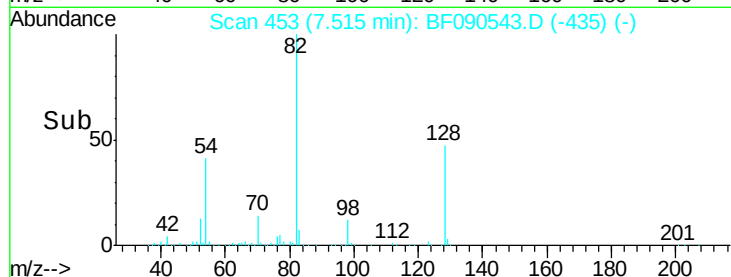
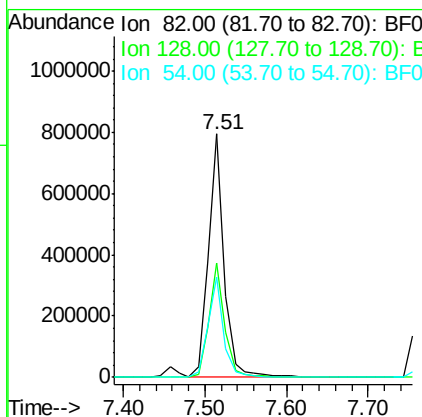
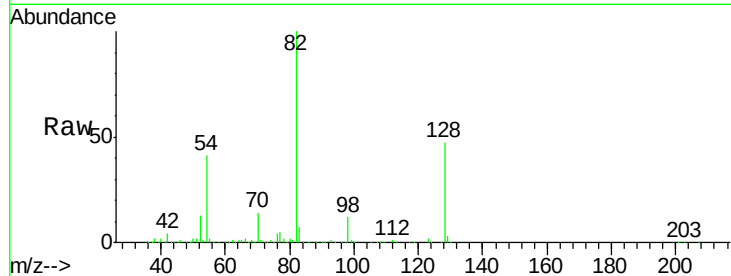
#23
 Nitrobenzene-d5
 Concen: 64.99 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

Tot Ion	82	Resp	1076329
Ion Ratio	100	Lower	Upper
82	100		
128	46.8	40.0	60.0
54	41.3	42.6	64.0#

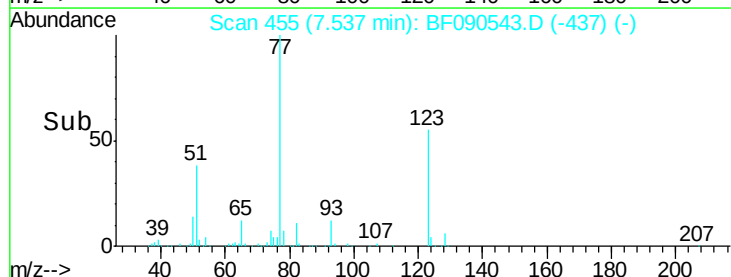
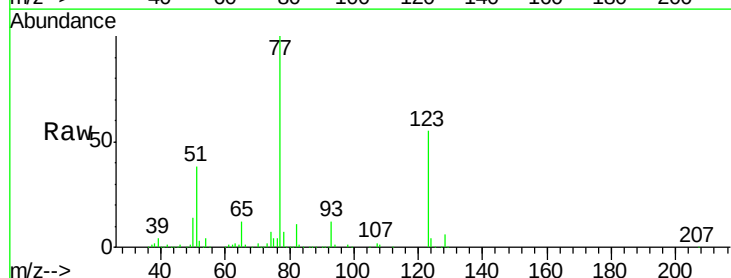
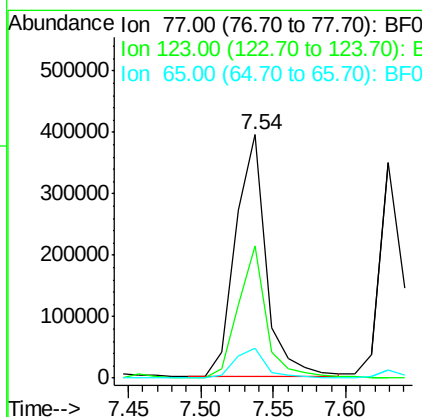
Manual Integrations
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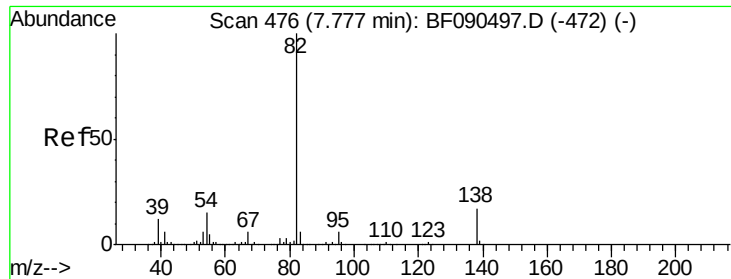
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#24
 Nitrobenzene
 Concen: 32.41 ng
 RT: 7.54 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion	77	Resp	575804
Ion Ratio	100	Lower	Upper
77	100		
123	54.5	33.0	49.4#
65	12.3	12.0	18.0





#25

Isophorone

Concen: 35.13 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

Tot Ion: 82 Resp: 1058953

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

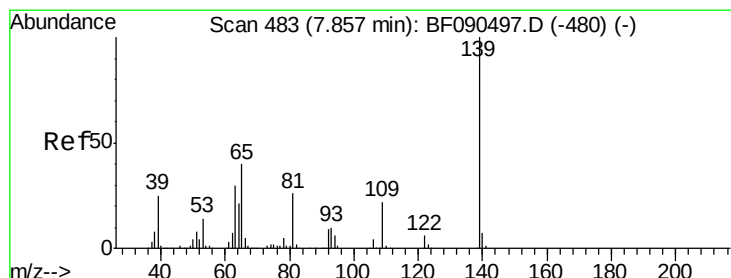
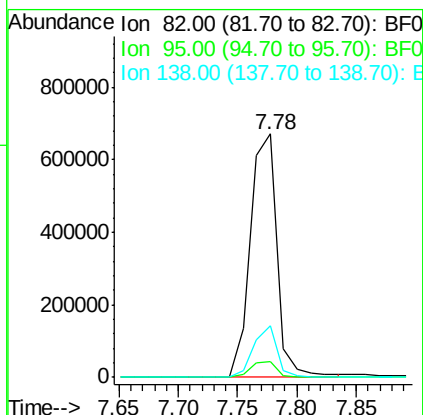
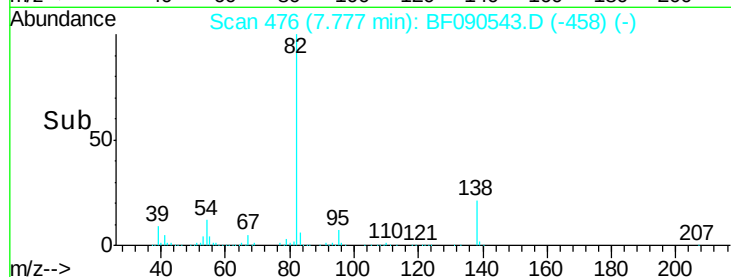
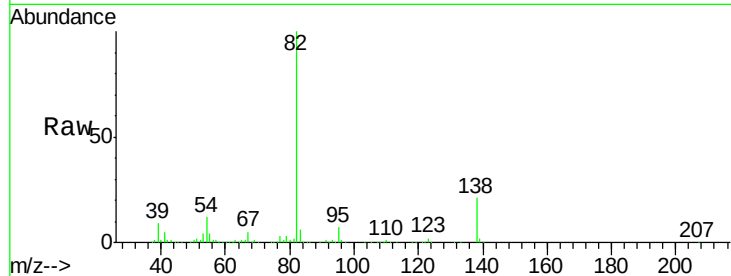
138 21.2 13.0 19.4#

Manual Integrations

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#26

2-Nitrophenol

Concen: 38.29 ng

RT: 7.85 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

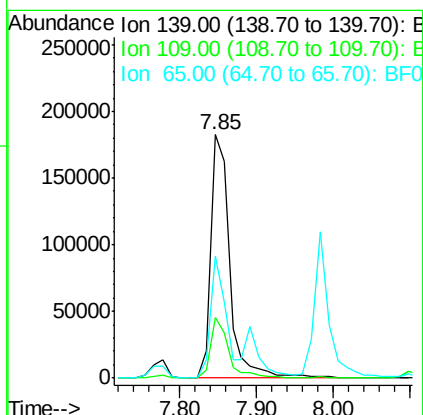
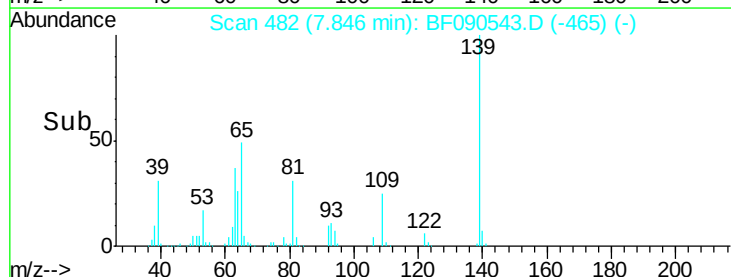
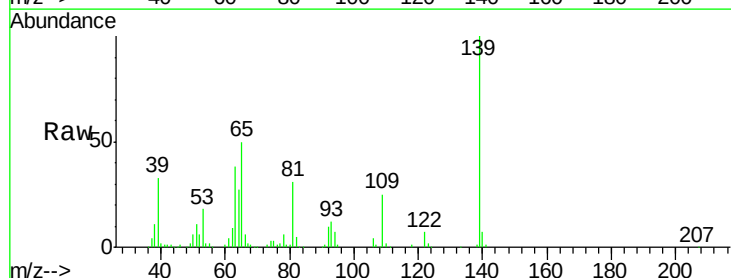
Tgt Ion: 139 Resp: 310344

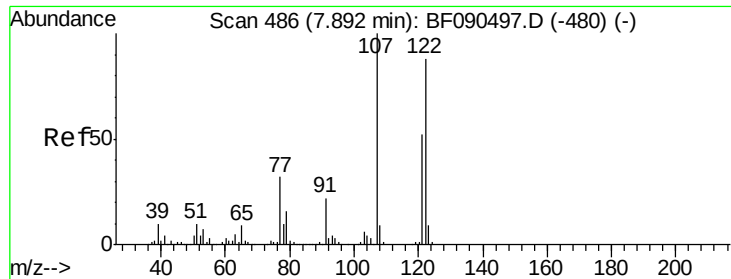
Ion Ratio Lower Upper

139 100

109 25.0 18.9 28.3

65 50.4 31.6 47.4#





#27

2,4-Dimethylphenol

Concen: 39.11 ng

RT: 7.89 min Scan# 486

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

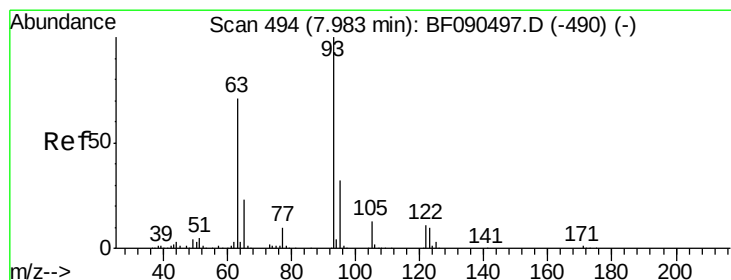
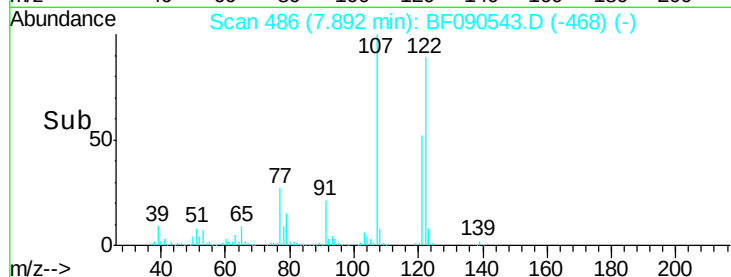
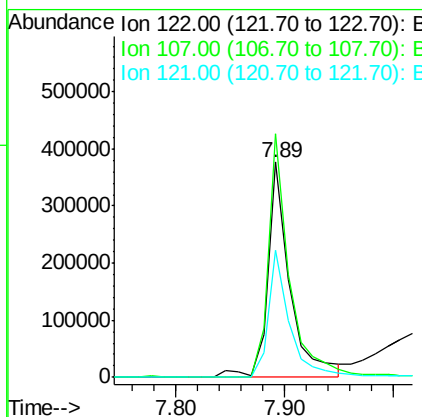
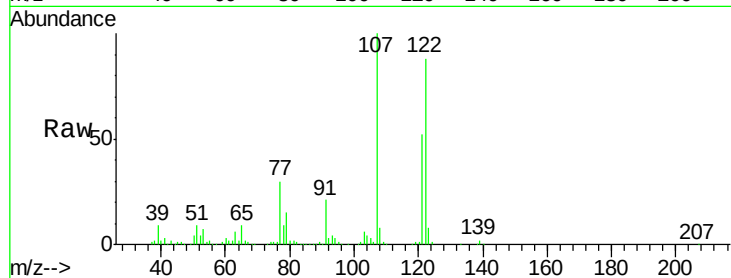
ClientSampled :

PB93974BS

Tot Ion:	122	Resp:	538877
Ion Ratio	Lower	Upper	
122	100		
107	113.1	88.6	132.8
121	59.1	47.5	71.3

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#28

bis(2-Chloroethoxy)methane

Concen: 36.96 ng

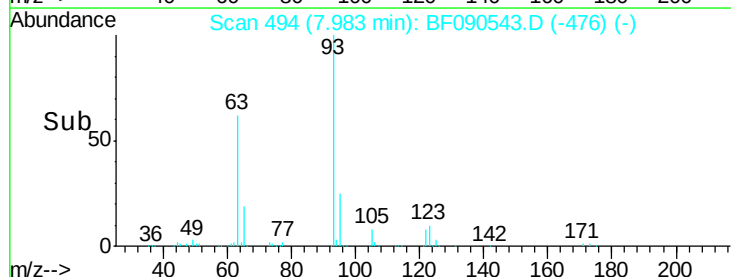
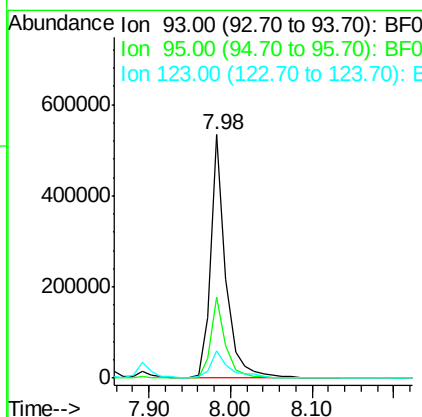
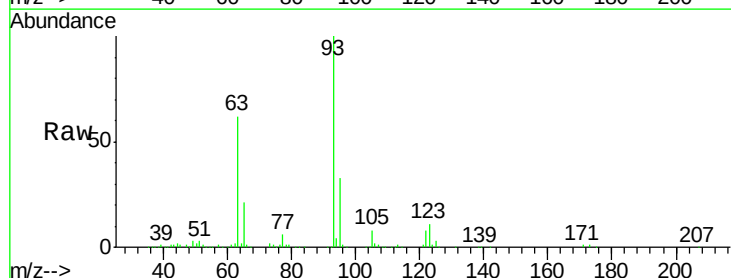
RT: 7.98 min Scan# 494

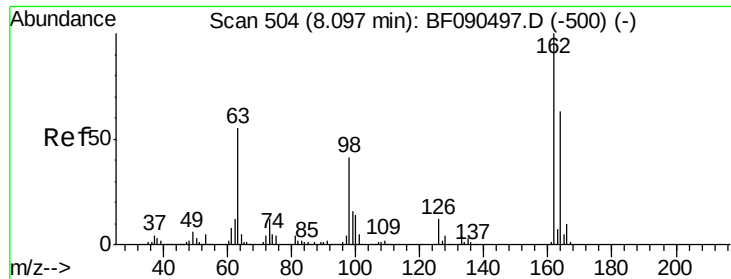
Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Tgt Ion:	93	Resp:	688073
Ion Ratio	Lower	Upper	
93	100		
95	33.4	27.0	40.4
123	11.5	11.1	16.7





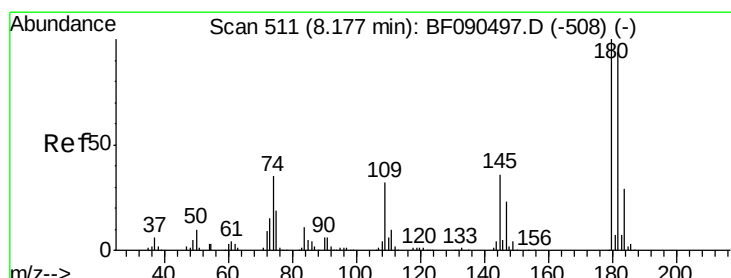
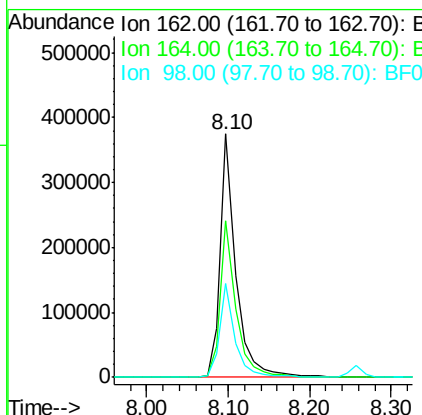
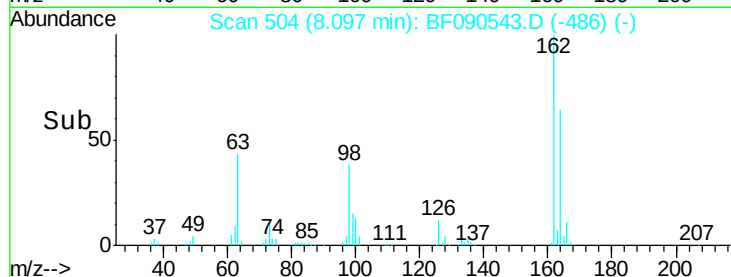
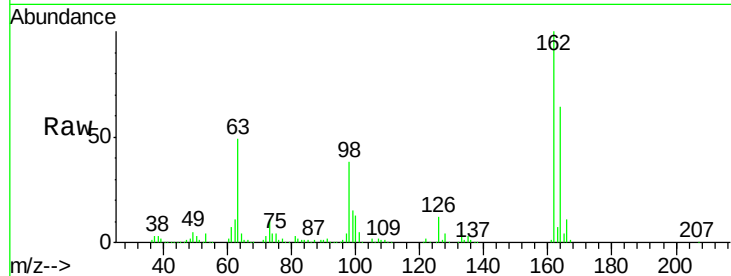
#29
 2,4-Dichlorophenol
 Concen: 43.53 ng
 RT: 8.10 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Instrument :
 BNA_F
 ClientSampleID :
 PB93974BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	501607		
164	64.3	45.7	85.7	
98	38.4	13.3	53.3	

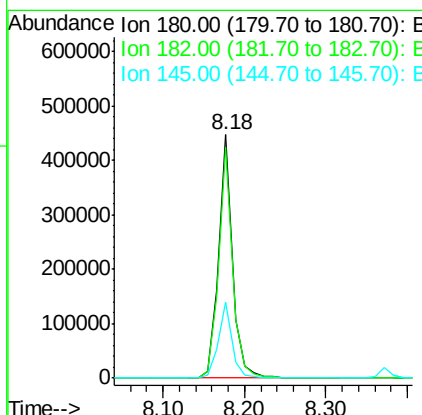
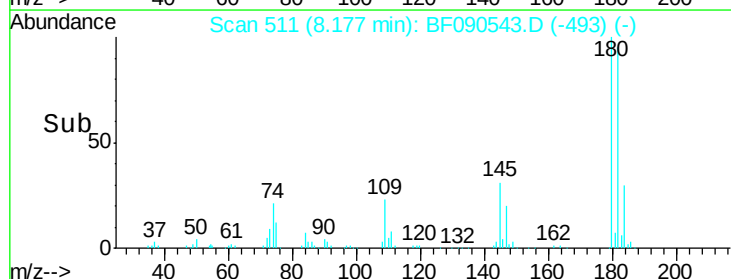
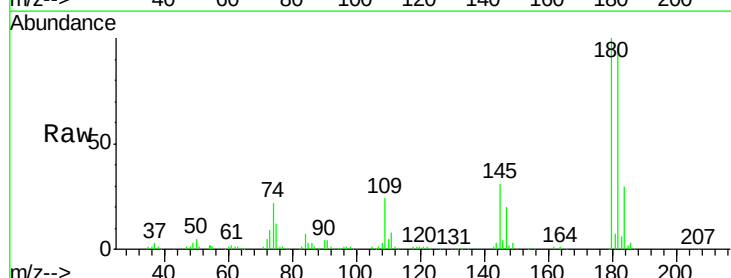
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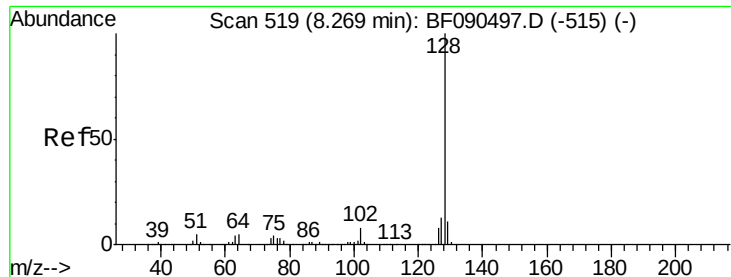
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.08 ng
 RT: 8.18 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	530482		
182	94.6	75.3	112.9	
145	30.9	27.7	41.5	





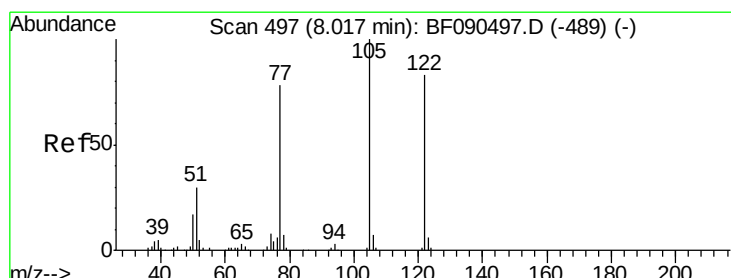
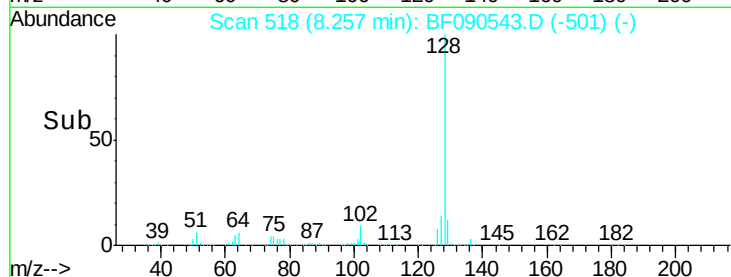
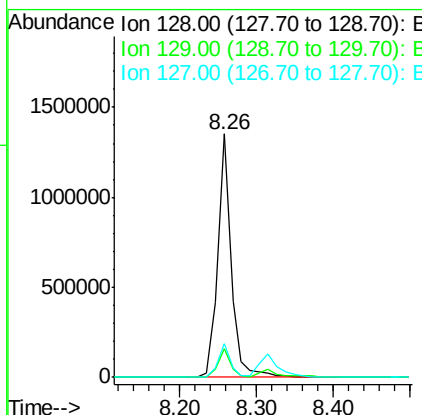
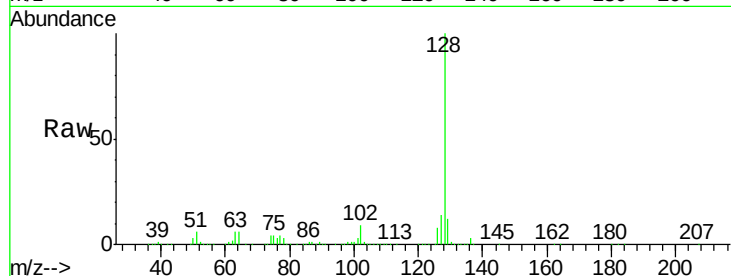
#31
Naphthalene
Concen: 37.22 ng
RT: 8.26 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

Tot Ion:128 Resp: 1665853
Ion Ratio Lower Upper
128 100
129 11.8 9.7 14.5
127 13.7 11.7 17.5

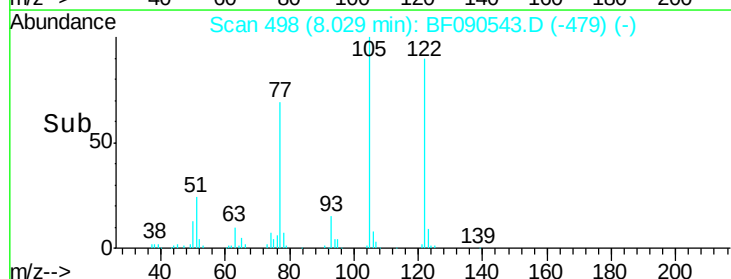
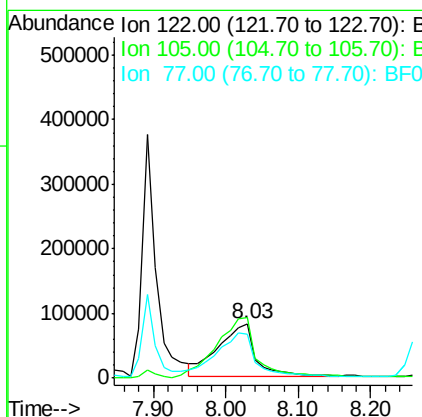
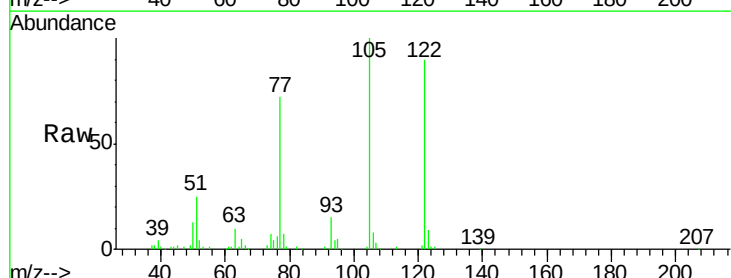
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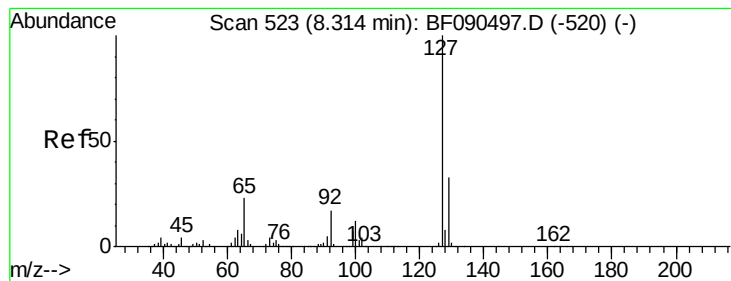
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#32
Benzoic acid
Concen: 27.23 ng
RT: 8.03 min Scan# 498
Delta R.T. 0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion:122 Resp: 296115
Ion Ratio Lower Upper
122 100
105 111.5 103.9 143.9
77 80.4 74.6 114.6





#33

4-Chloroaniline

Concen: 11.69 ng

RT: 8.31 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

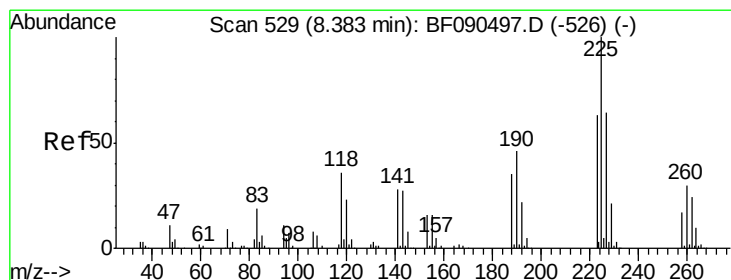
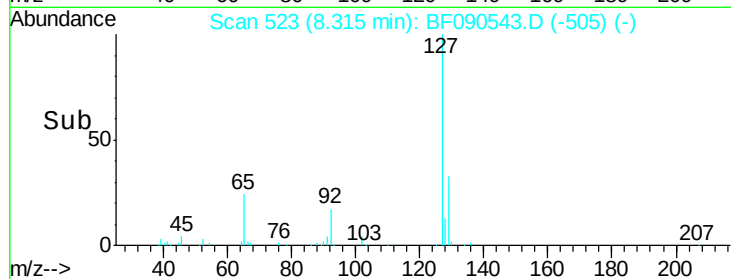
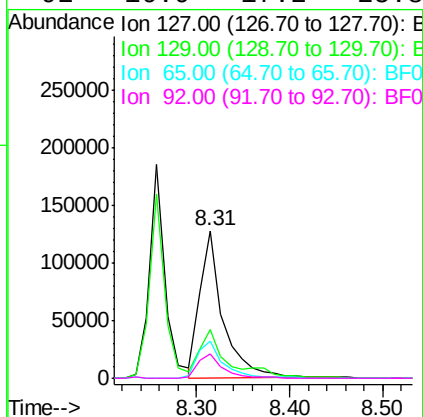
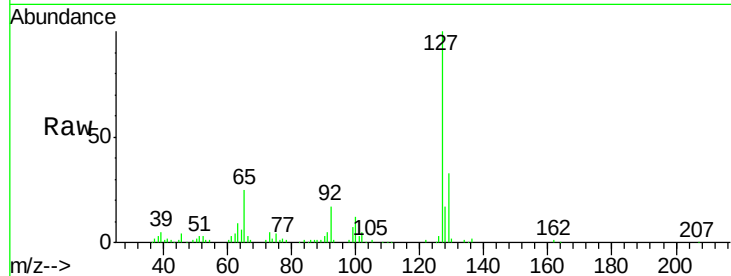
ClientSampled :

PB93974BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	26.2	39.4	
65	24.8	32.5	48.7	
92	16.9	17.2	25.8	

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#34

Hexachlorobutadiene

Concen: 37.74 ng

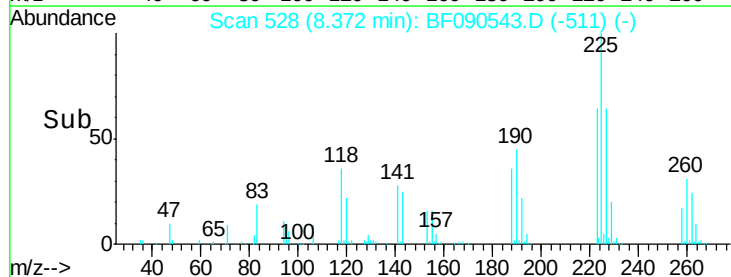
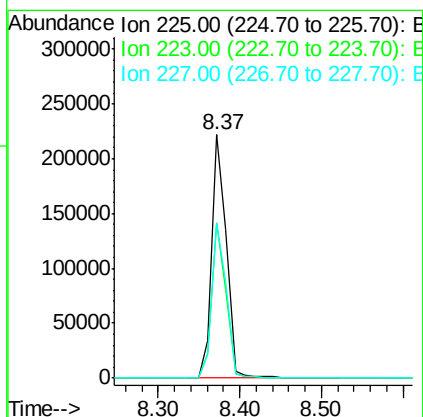
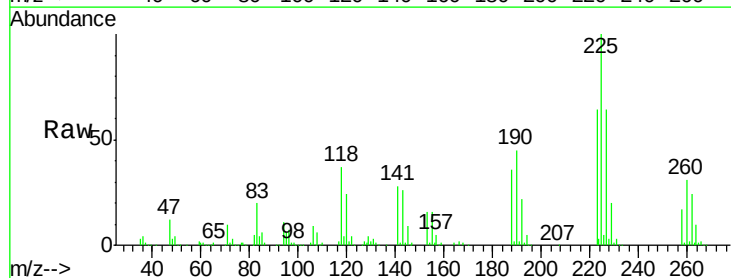
RT: 8.37 min Scan# 528

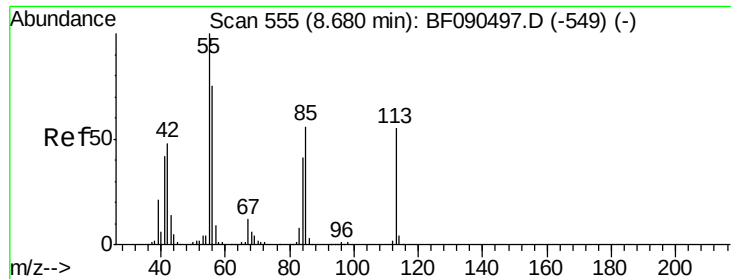
Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	51.0	76.4	
227	63.6	50.8	76.2	





#35

Caprolactam

Concen: 41.18 ng/ml

RT: 8.68 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

Tot Ion:113 Resp: 153826

Ion Ratio Lower Upper

113 100

55 143.0 203.3 243.3#

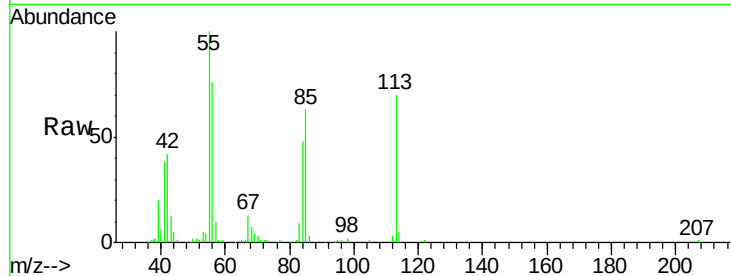
56 109.1 140.5 180.5#

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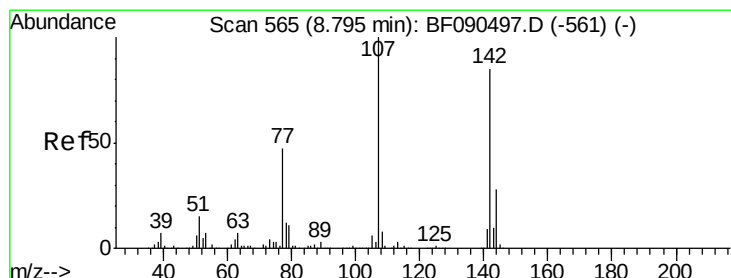
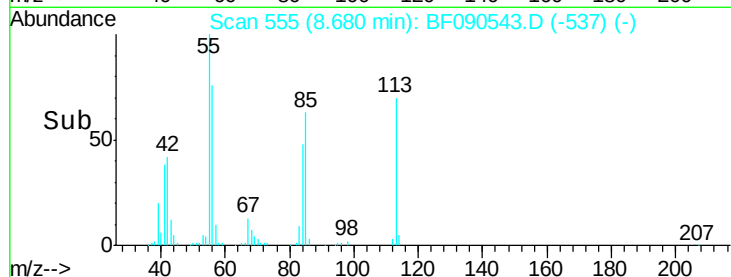
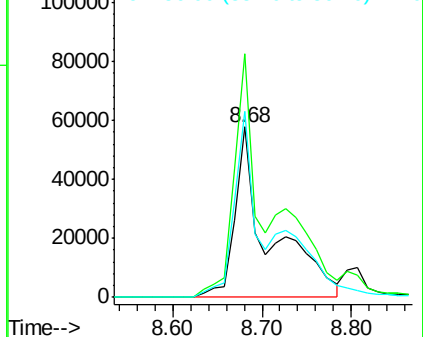
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.34 ng/ml

RT: 8.81 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

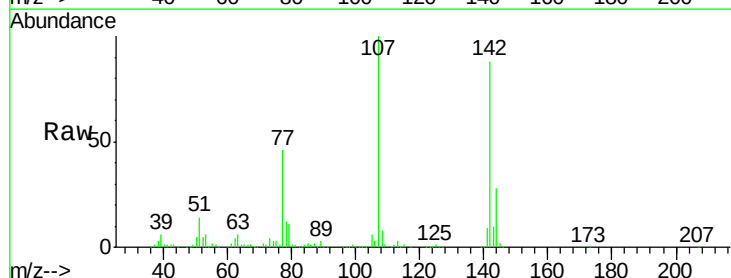
Tgt Ion:107 Resp: 529332

Ion Ratio Lower Upper

107 100

144 27.9 19.8 29.8

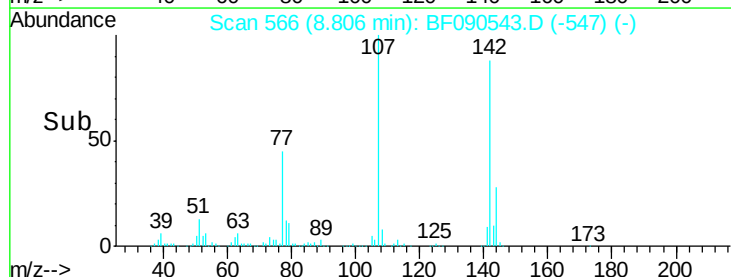
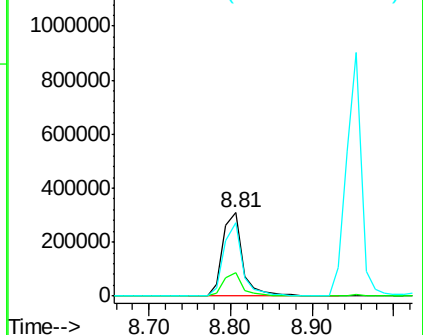
142 88.0 60.7 91.1

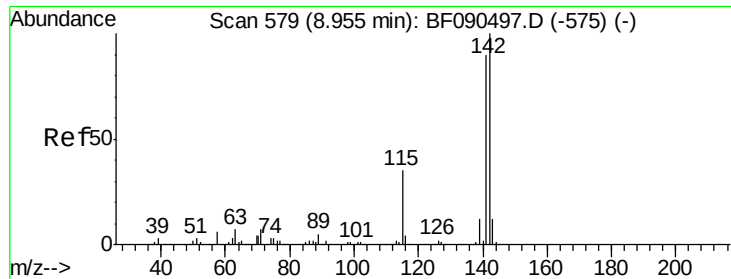


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





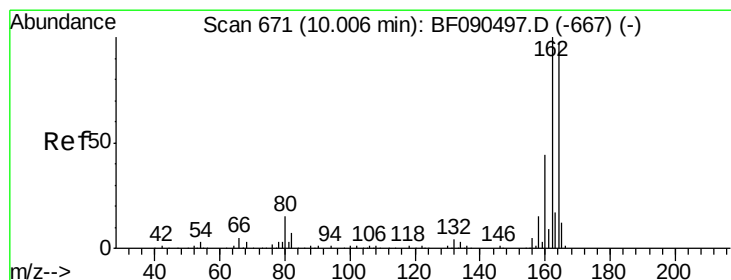
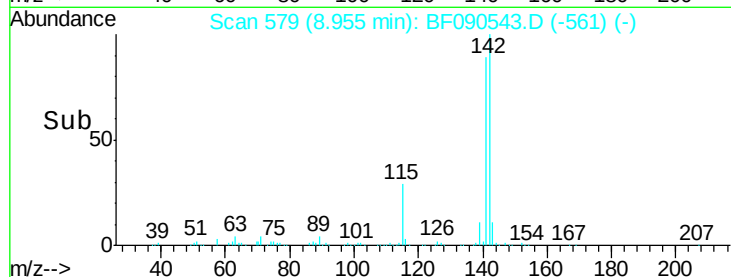
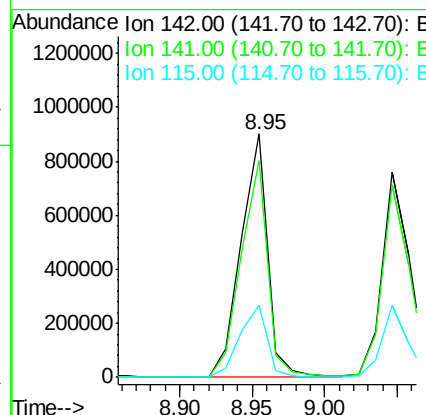
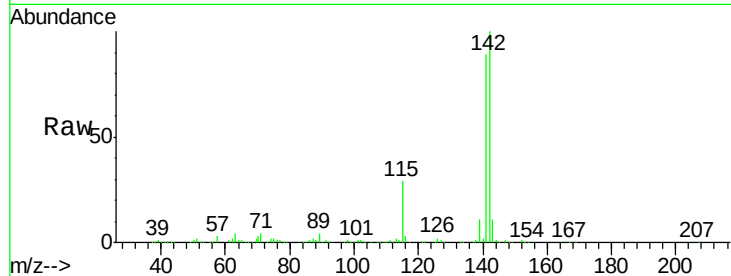
#37
2-Methylnaphthalene
Concen: 38.11 ng
RT: 8.95 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampled :
PB93974BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.8	107.8
115	29.5	28.8	43.2

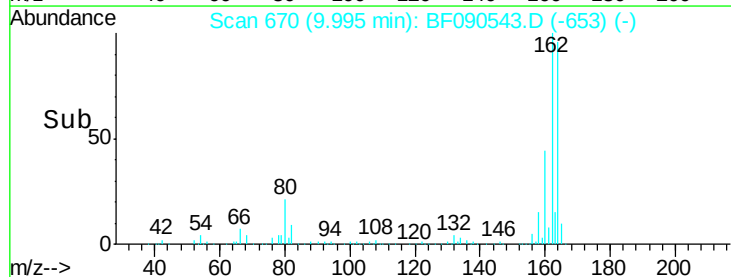
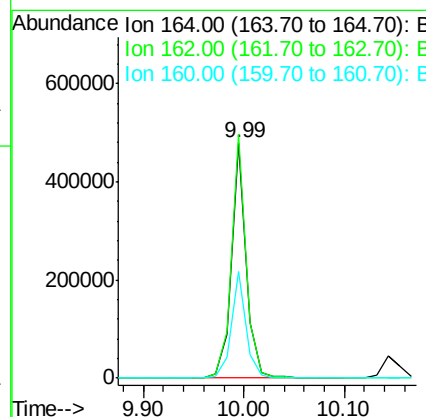
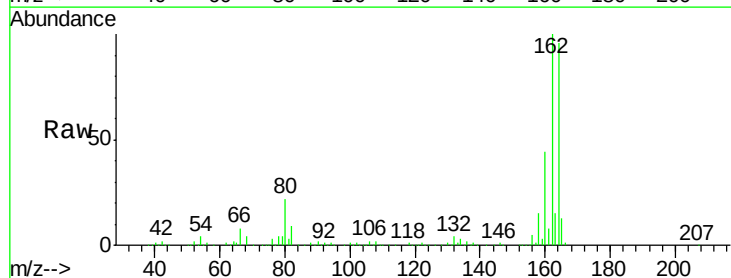
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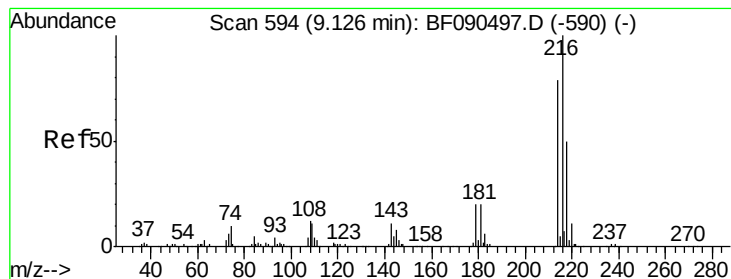
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.1	120.1
160	45.7	36.3	54.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.74 ng

RT: 9.11 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

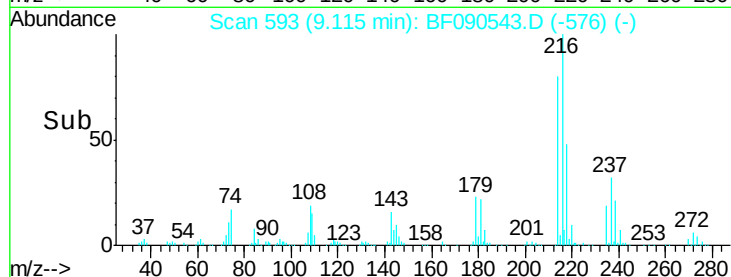
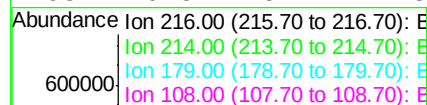
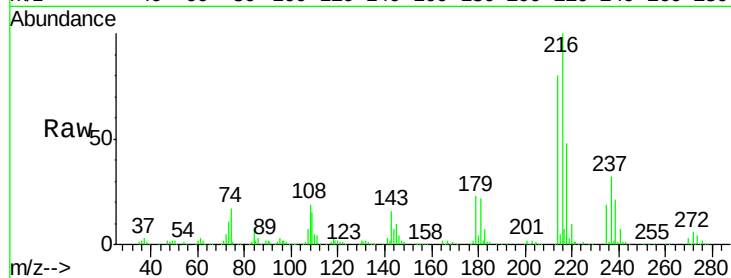
ClientSampled :

PB93974BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		516731		
214	79.2		64.2	96.2	
179	22.0		18.0	27.0	
108	19.8		15.2	22.8	

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#40

Hexachlorocyclopentadiene

Concen: 88.78 ng

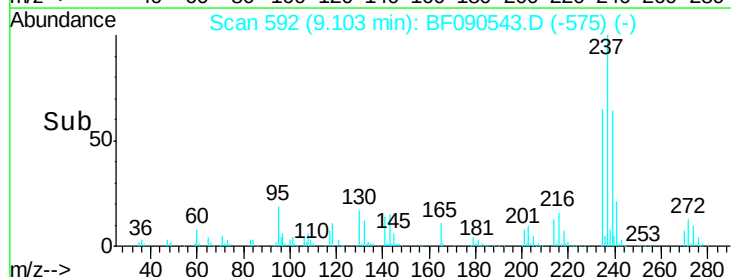
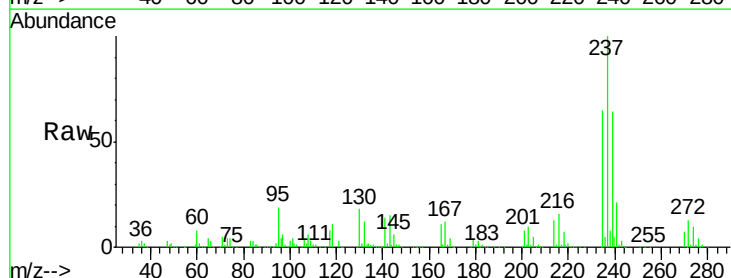
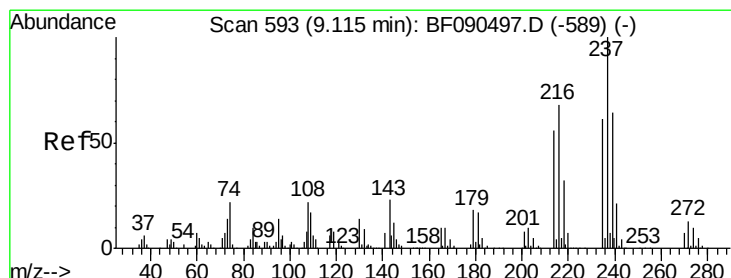
RT: 9.10 min Scan# 592

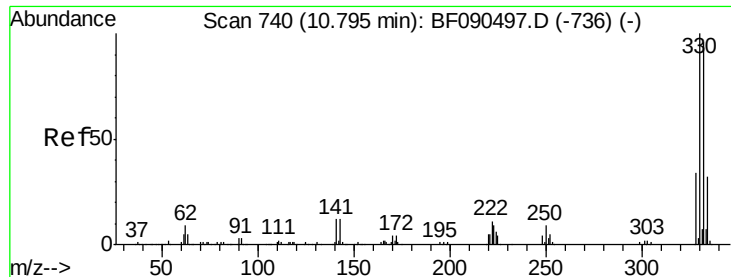
Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		603323		
235	65.0		43.6	83.6	
272	12.9		0.0	32.7	





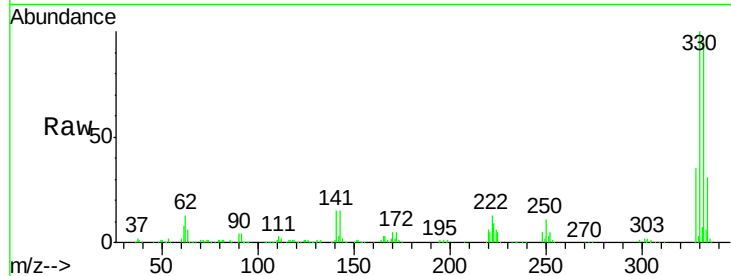
#41
 2,4,6-Tribromophenol
 Concen: 129.25 ng
 RT: 10.79 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Instrument :
 BNA_F
 ClientSampled :
 PB93974BS

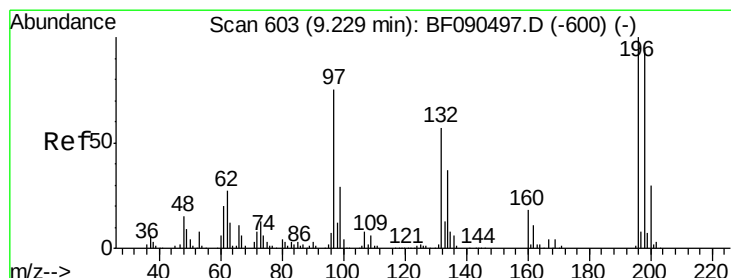
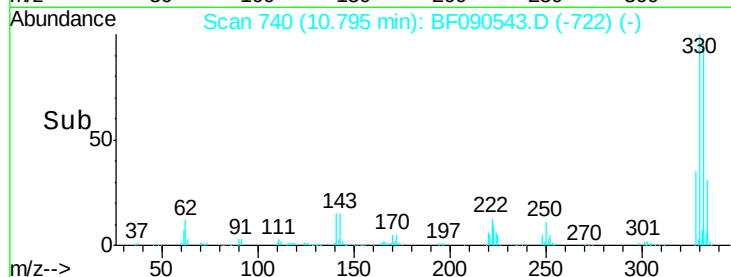
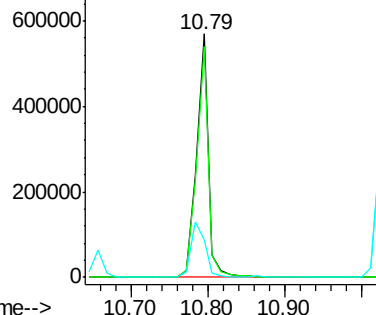
Tot Ion	Ratio	Resp	Lower	Upper
330	100	626569		
332	95.2		75.4	113.0
141	27.2		26.9	40.3

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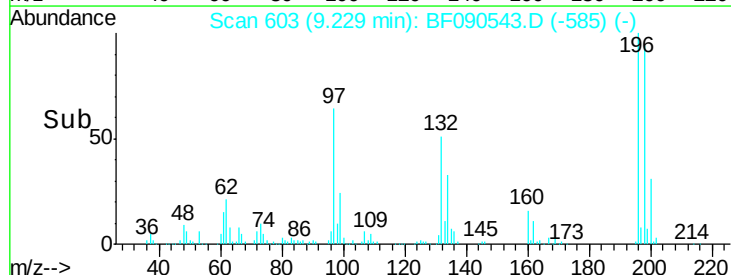
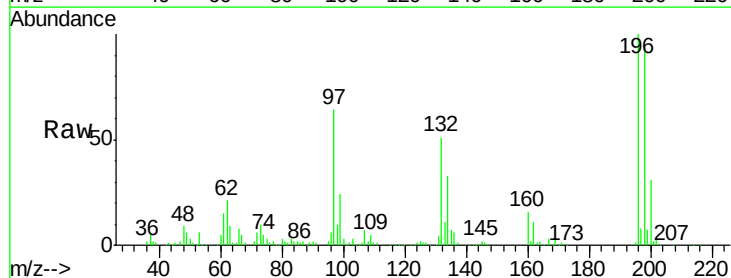
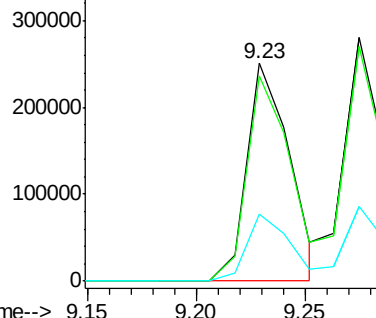
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

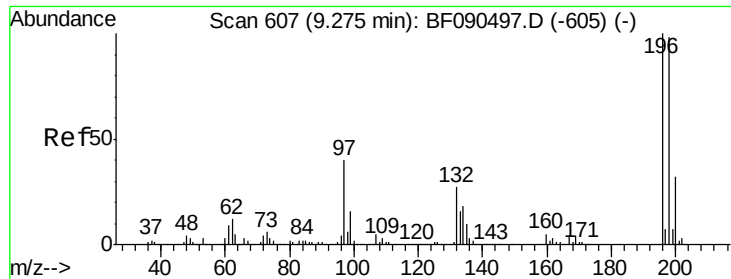


#42
 2,4,6-Trichlorophenol
 Concen: 37.39 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	345113		
198	94.4		78.9	118.3
200	30.7		25.4	38.2

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





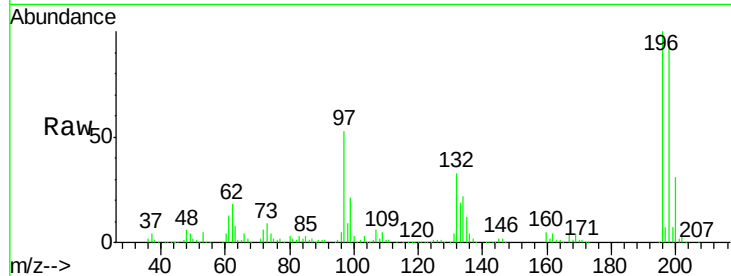
#43
 2,4,5-Trichlorophenol
 Concen: 42.61 ng
 RT: 9.27 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		389298		
198	96.5	78.1	117.1		
97	53.4	48.1	72.1		
132	32.9	27.4	41.2		

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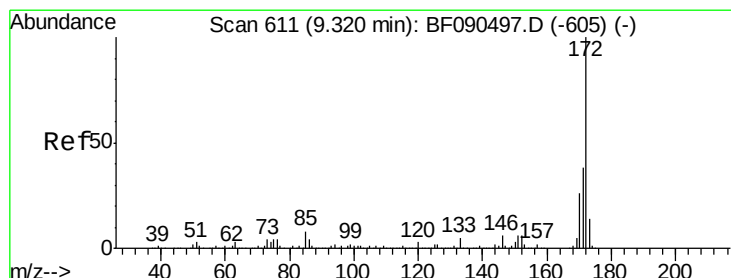
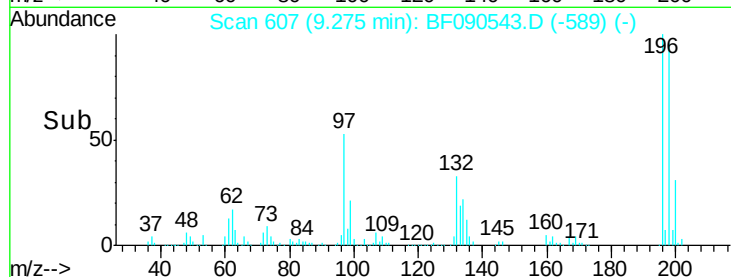
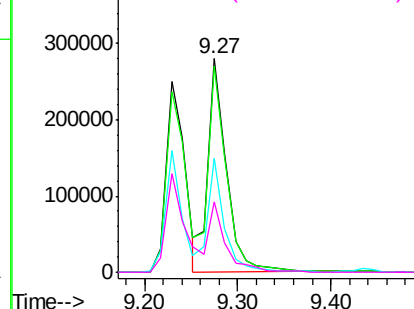
Abundance

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: 77.04 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

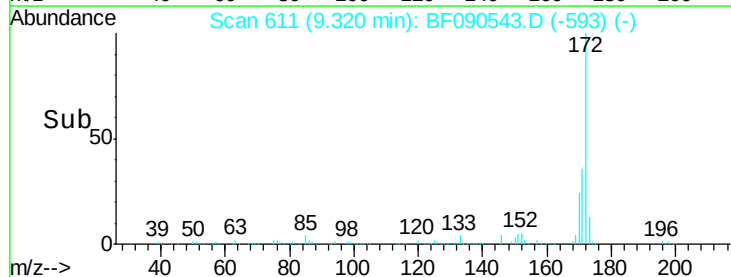
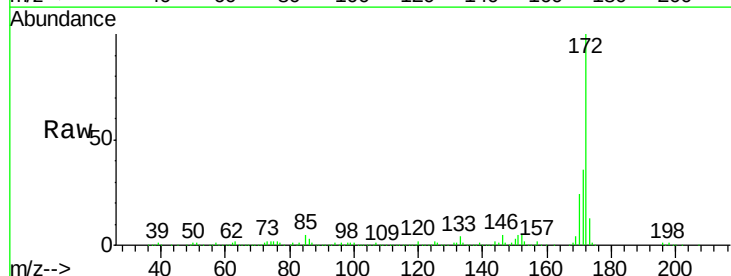
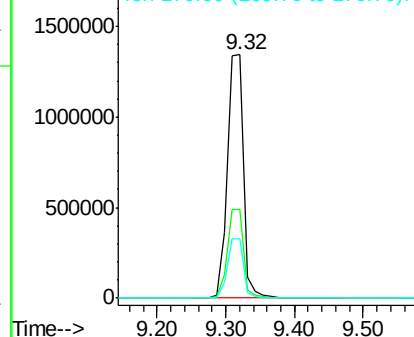
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2242104		
171	36.4	31.8	47.8		
170	24.3	21.7	32.5		

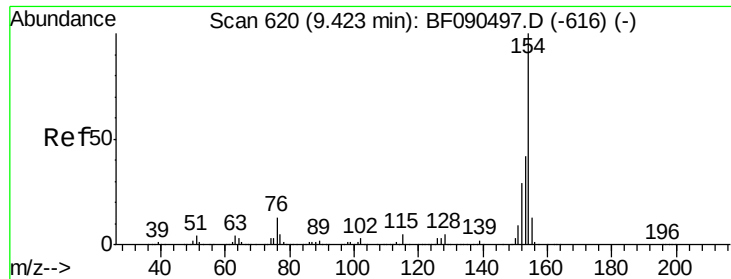
Abundance

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





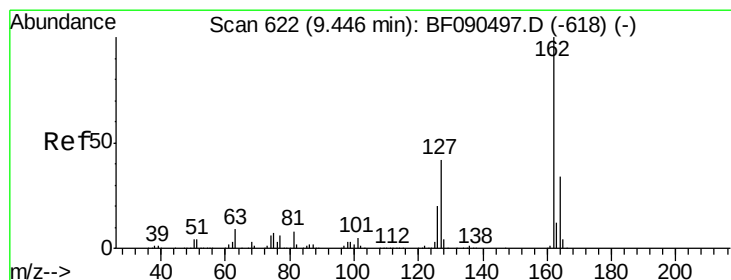
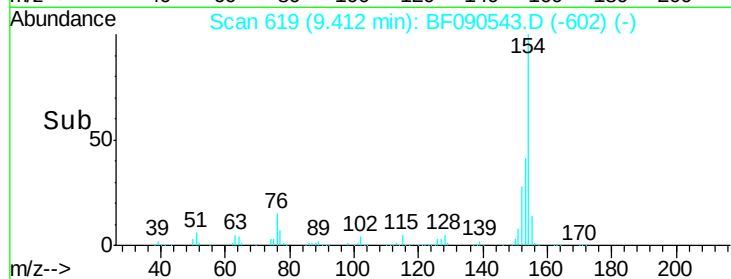
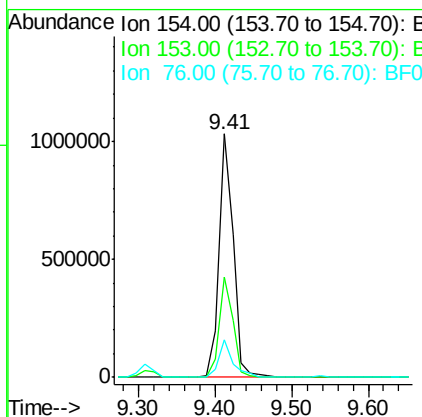
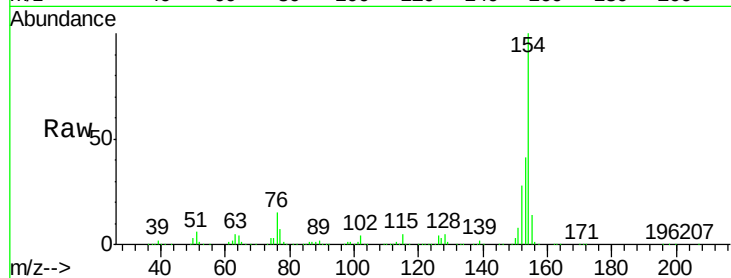
#45
 1,1'-Biphenyl
 Concen: 35.77 ng
 RT: 9.41 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	23.8	63.8
76	15.2	0.0	35.8

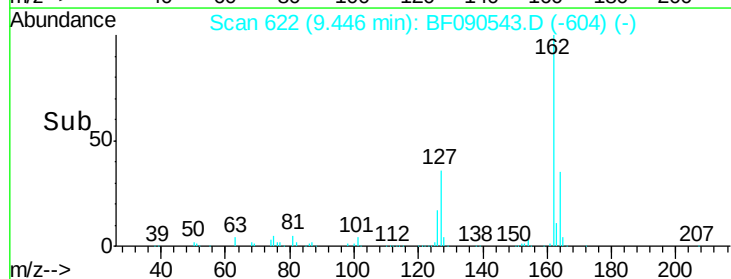
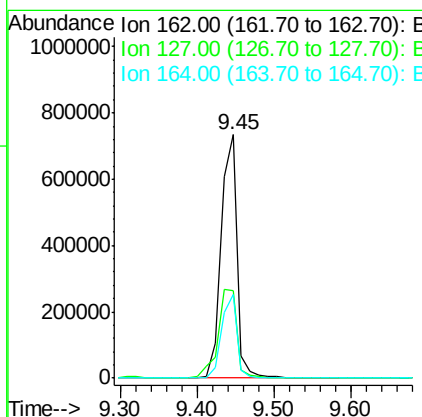
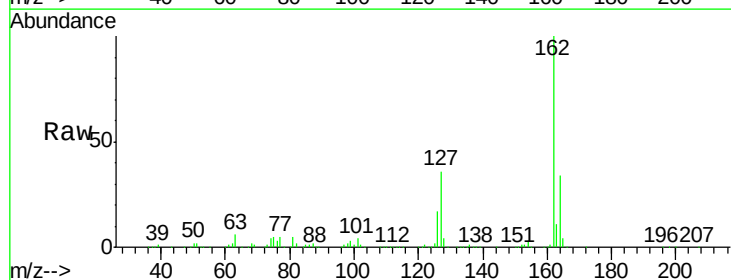
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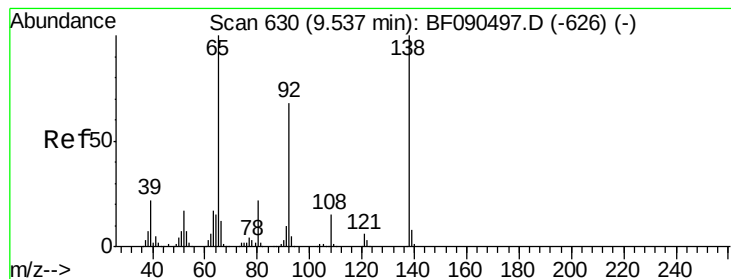
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#46
 2-Chloronaphthalene
 Concen: 38.49 ng
 RT: 9.45 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.7	35.6	53.4
164	34.2	27.5	41.3





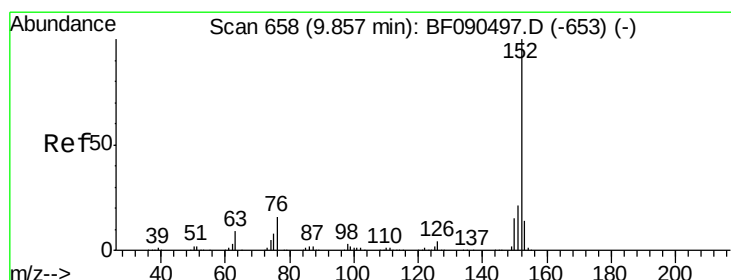
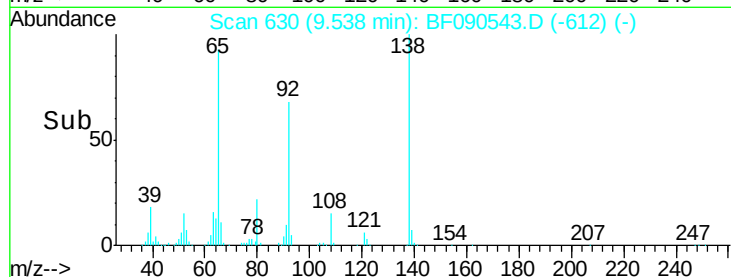
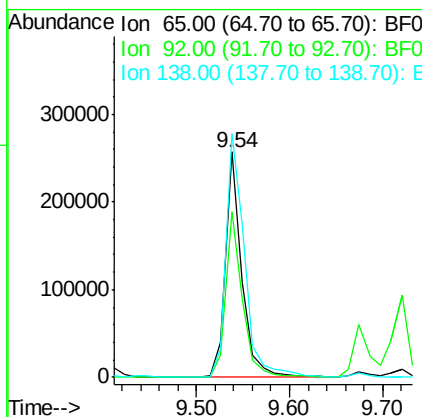
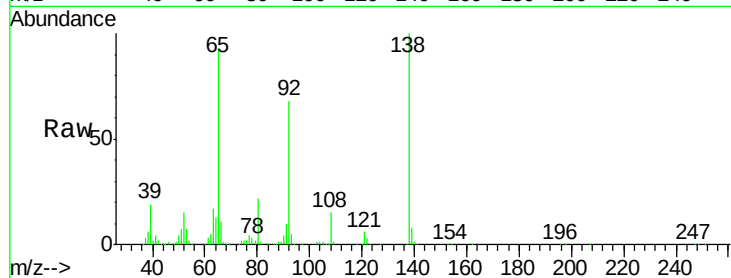
#47
2-Nitroaniline
Concen: 31.64 ng
RT: 9.54 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.5	51.7	77.5
138	108.0	79.0	118.4

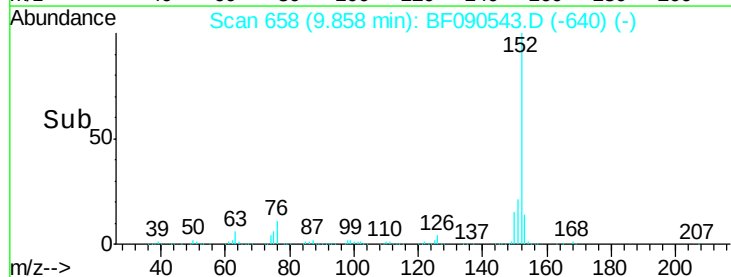
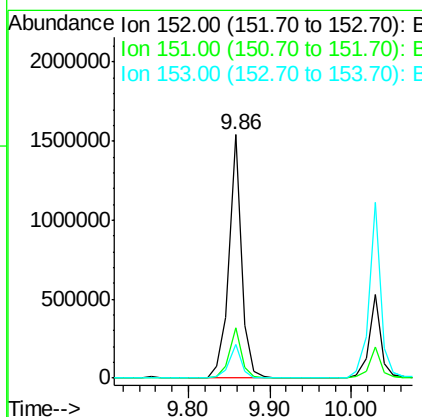
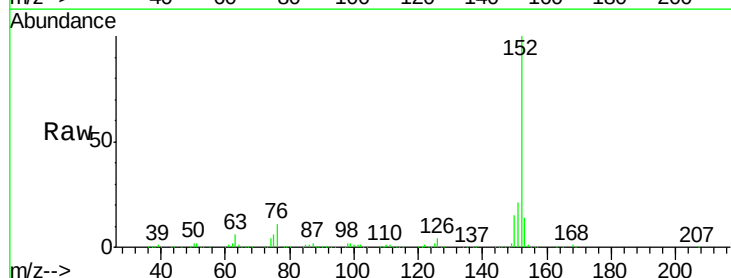
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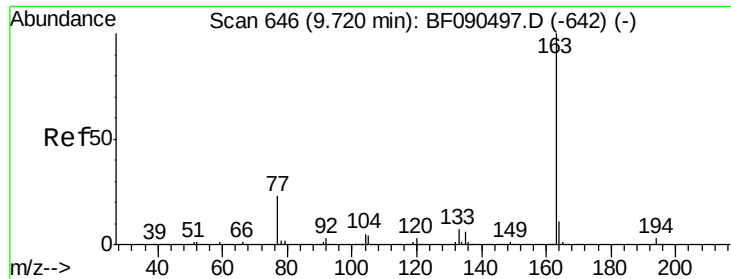
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#48
Acenaphthylene
Concen: 36.80 ng
RT: 9.86 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.4	26.0
153	13.8	11.6	17.4





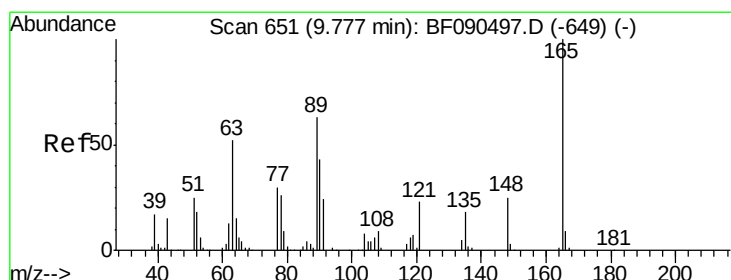
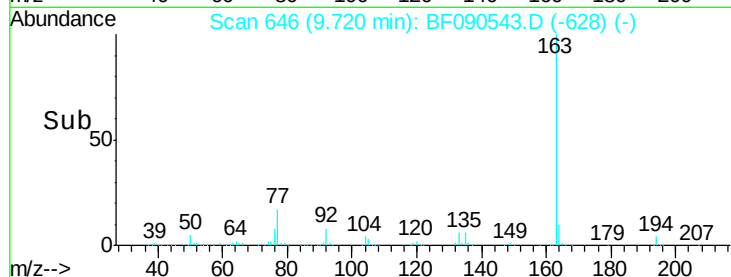
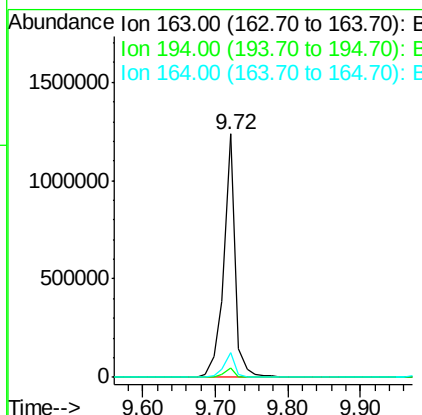
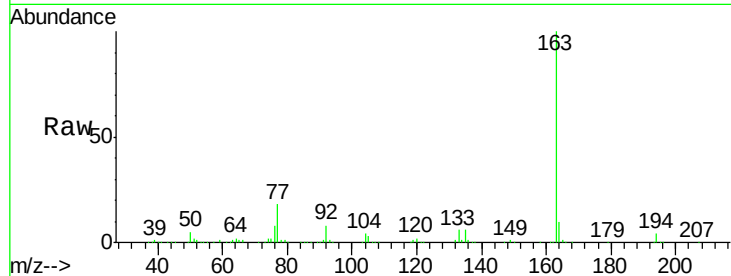
#49
Dimethylphthalate
Concen: 41.17 ng
RT: 9.72 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	10.4	9.0	13.4

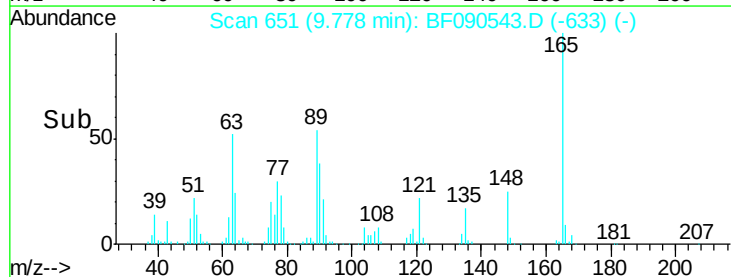
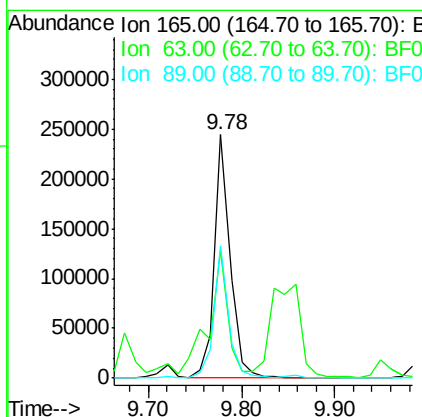
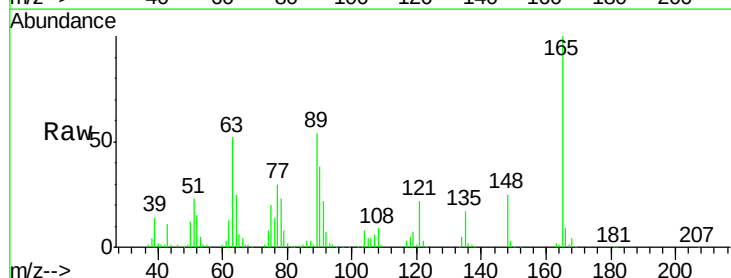
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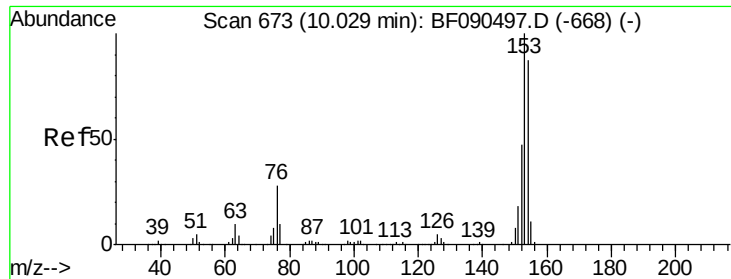
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#50
2,6-Dinitrotoluene
Concen: 39.68 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.3	58.0	87.0#
89	54.4	51.2	76.8





#51

Acenaphthene

Concen: 38.07 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

Tot Ion:154 Resp: 1144037

Ion Ratio Lower Upper

154 100

153 114.2 88.6 133.0

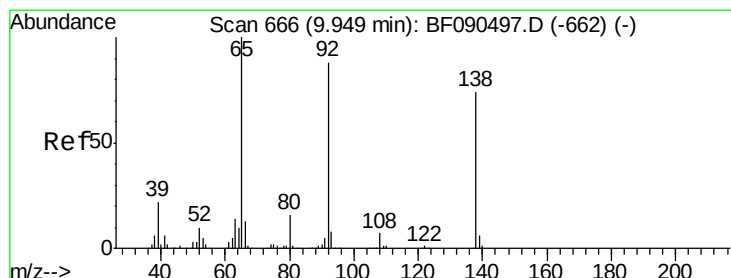
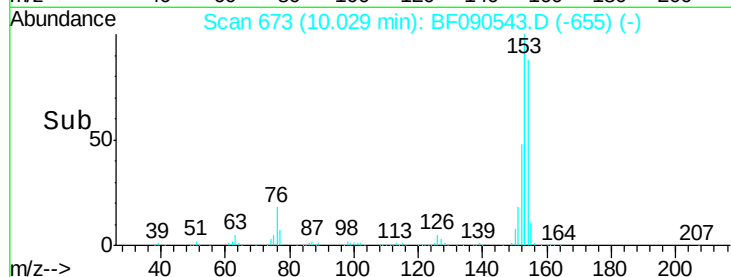
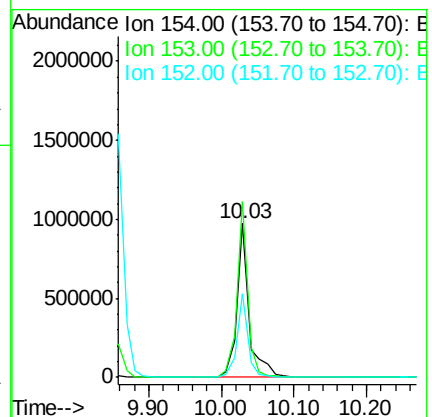
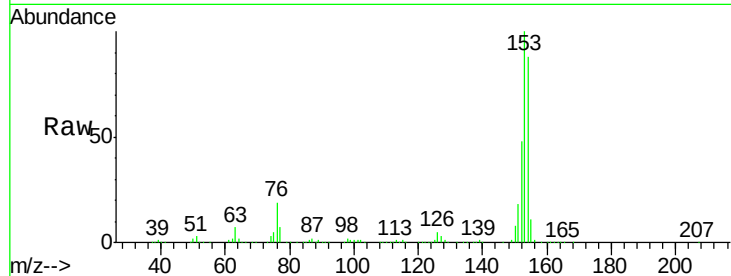
152 54.7 42.6 64.0

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#52

3-Nitroaniline

Concen: 16.34 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

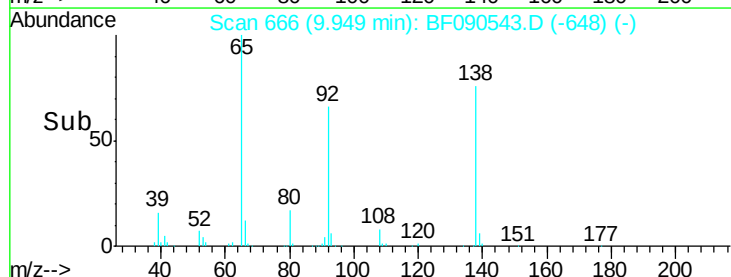
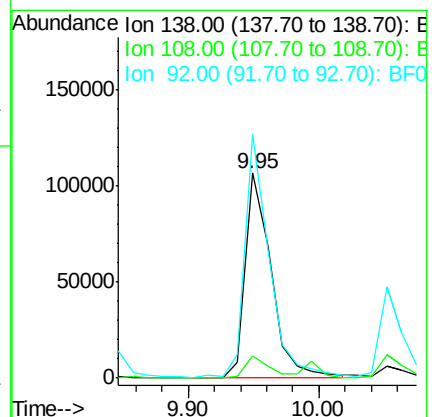
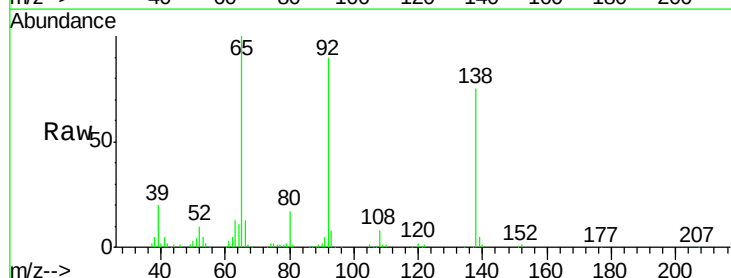
Tgt Ion:138 Resp: 147243

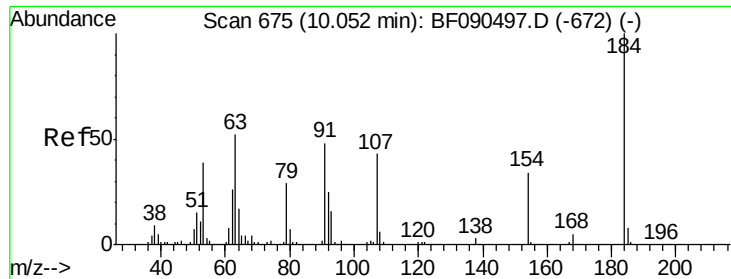
Ion Ratio Lower Upper

138 100

108 10.5 9.7 14.5

92 118.8 97.1 145.7





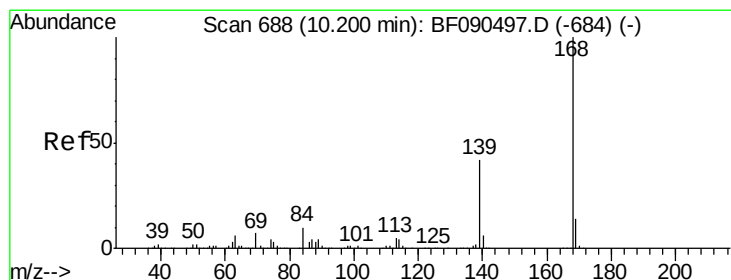
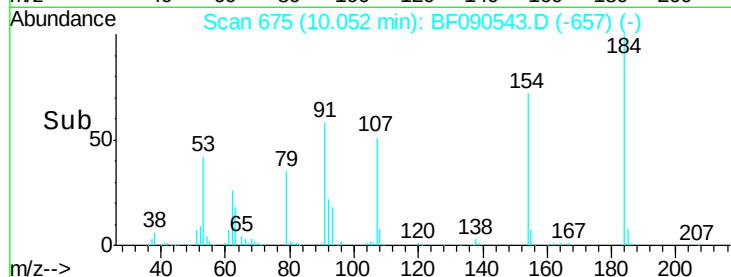
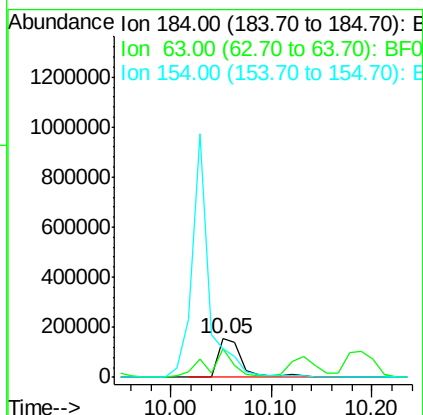
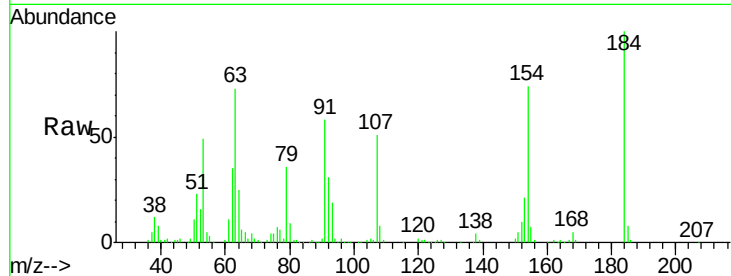
#53
2,4-Dinitrophenol
Concen: 64.57 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	260195		
63	72.8	41.9	62.9#	
154	74.5	48.9	73.3#	

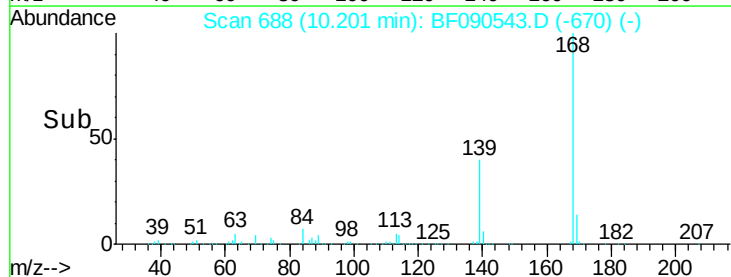
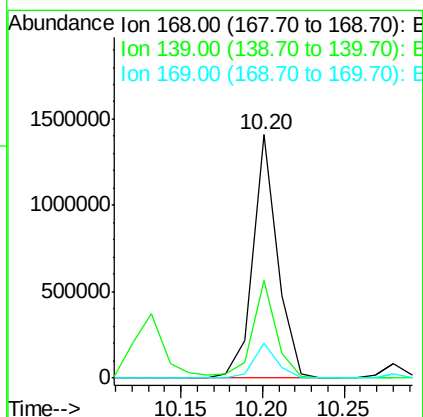
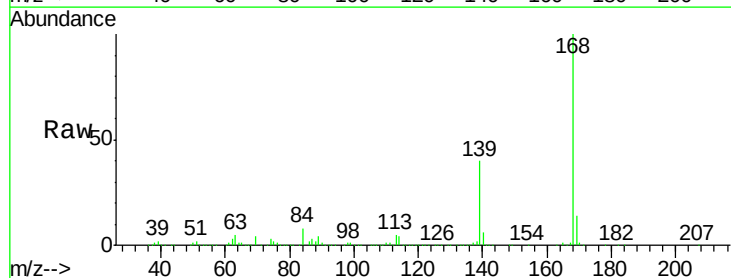
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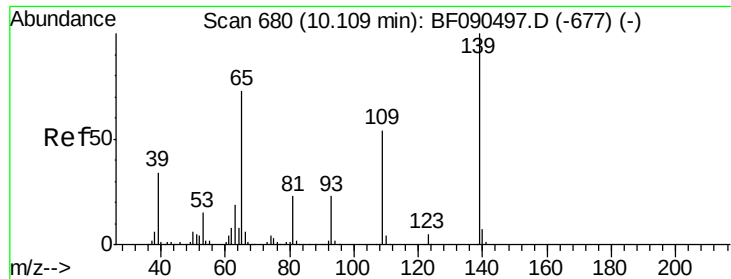
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#54
Dibenzofuran
Concen: 37.02 ng
RT: 10.20 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1480099		
139	40.1	29.6	44.4	
169	14.2	11.3	16.9	





#55

4-Nitrophenol

Concen: 71.40 ng

RT: 10.13 min Scan# 682

Delta R.T. 0.02 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

Tot Ion:139 Resp: 499916
Ion Ratio Lower Upper

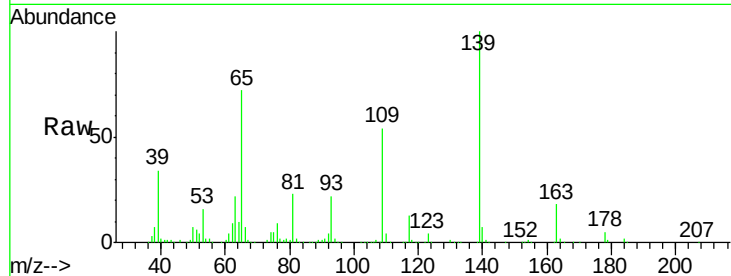
139 100

109 53.7 43.6 83.6

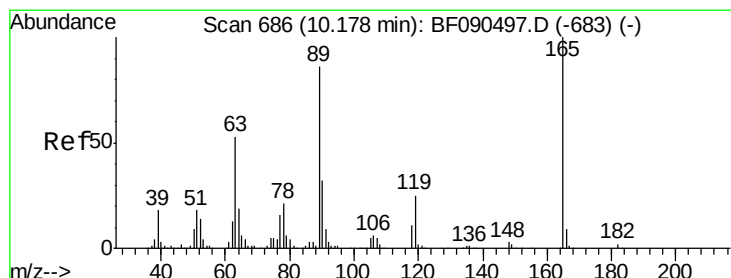
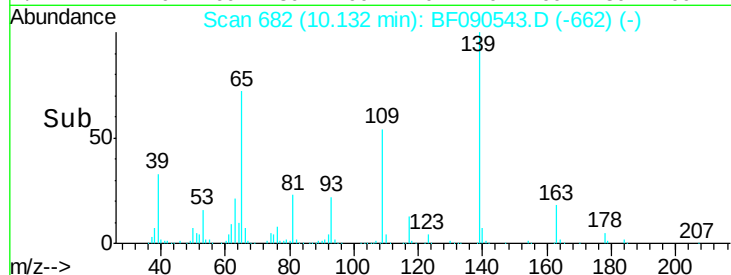
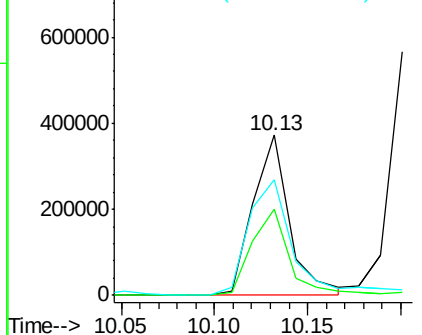
65 72.5 87.5 127.5#

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.76 ng

RT: 10.19 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Tgt Ion:165 Resp: 429963
Ion Ratio Lower Upper

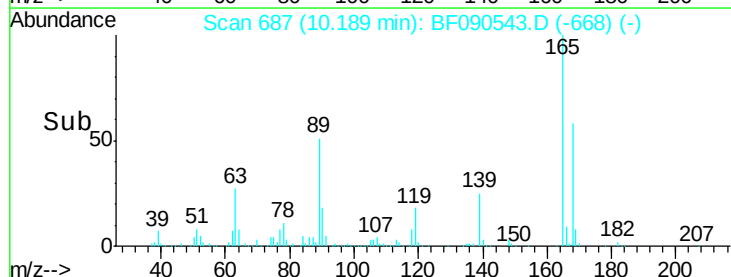
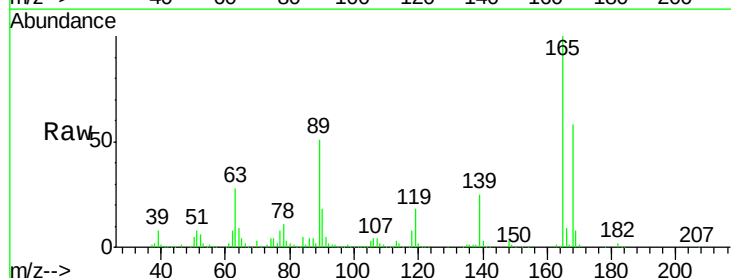
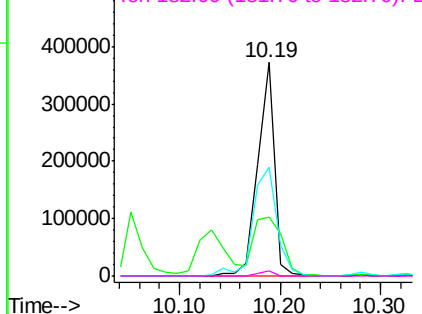
165 100

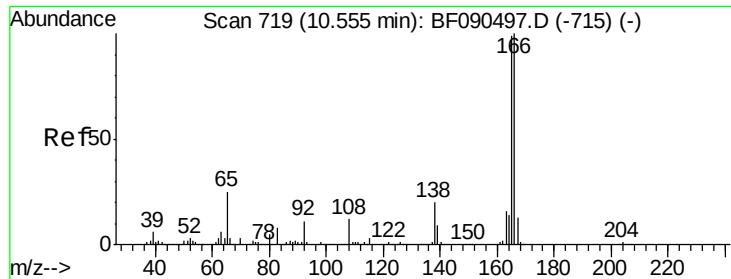
63 27.8 17.8 26.6#

89 51.0 33.2 49.8#

182 2.4 2.1 3.1

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.41 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

Tot Ion:166 Resp: 1188663

Ion Ratio Lower Upper

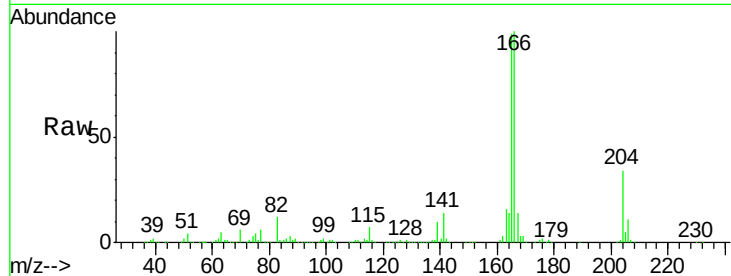
166 100

165 98.5 79.2 118.8

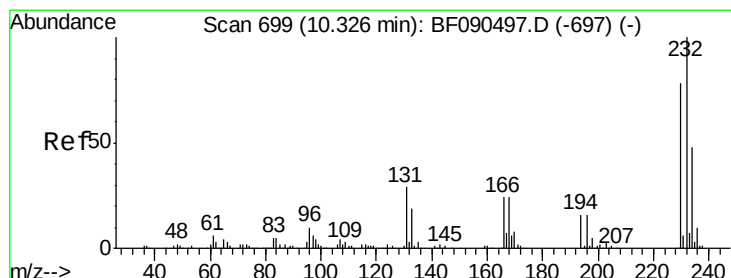
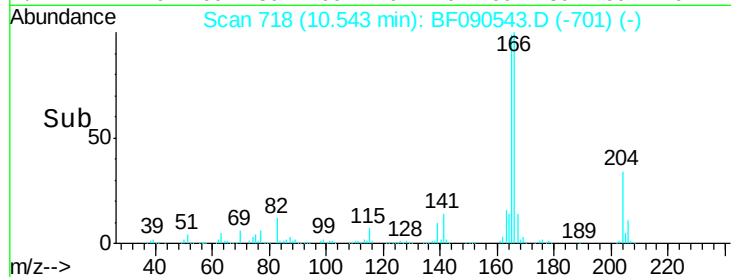
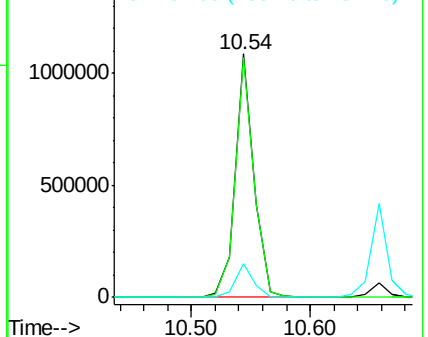
167 14.0 11.1 16.7

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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: 42.63 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Tgt Ion:232 Resp: 324874

Ion Ratio Lower Upper

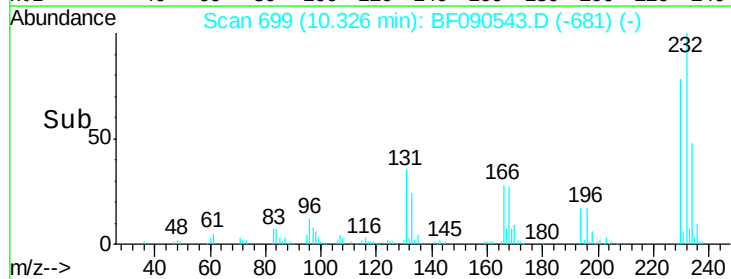
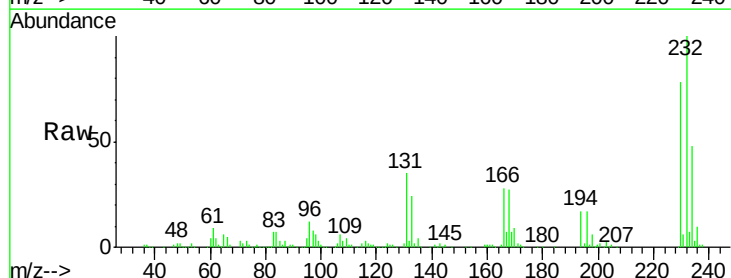
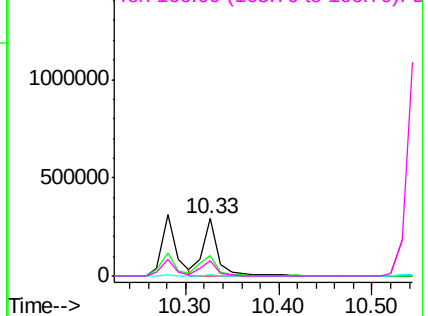
232 100

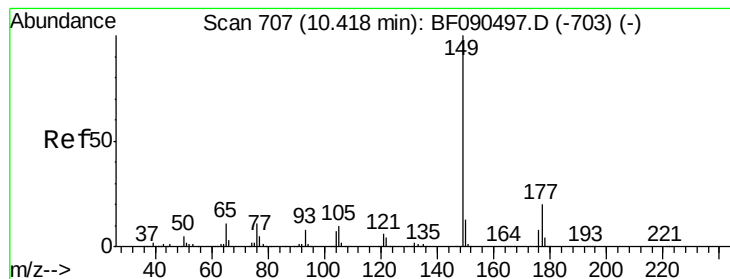
131 42.9 34.5 51.7

130 1.9 1.6 2.4

166 29.7 23.8 35.8

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.84 ng

RT: 10.42 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

Tot Ion:149 Resp: 1265636

Ion Ratio Lower Upper

149 100

177 22.2 21.1 31.7

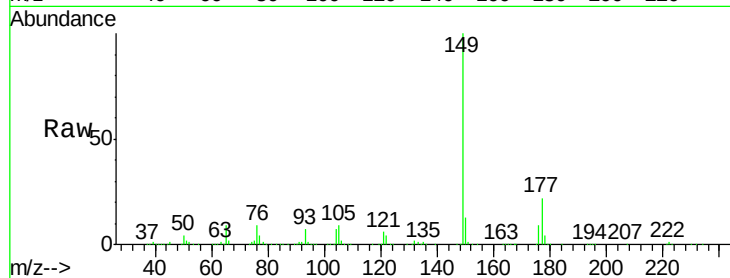
150 13.0 10.2 15.2

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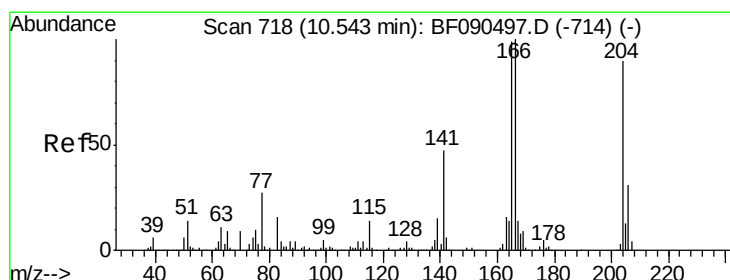
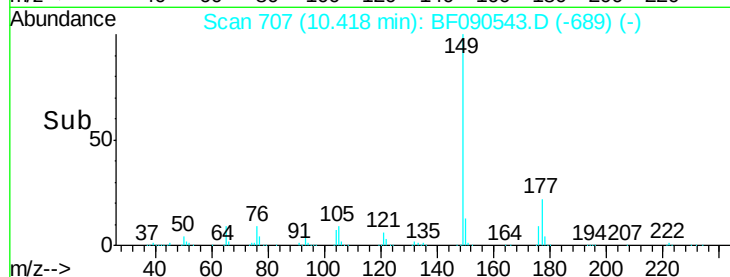
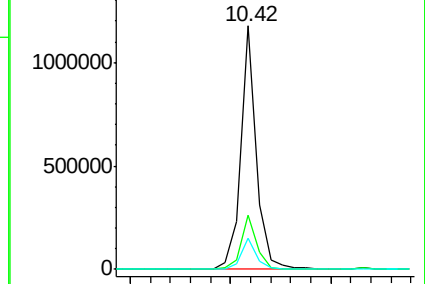
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.43 ng

RT: 10.53 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

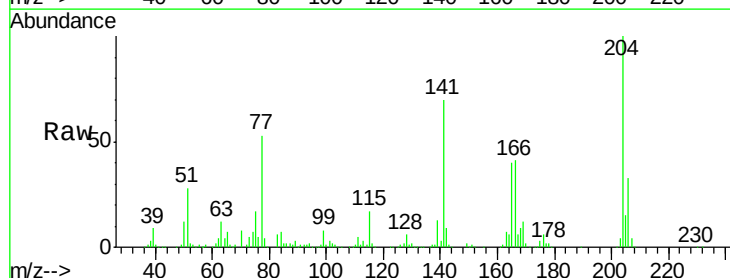
Tgt Ion:204 Resp: 593893

Ion Ratio Lower Upper

204 100

206 32.6 26.7 40.1

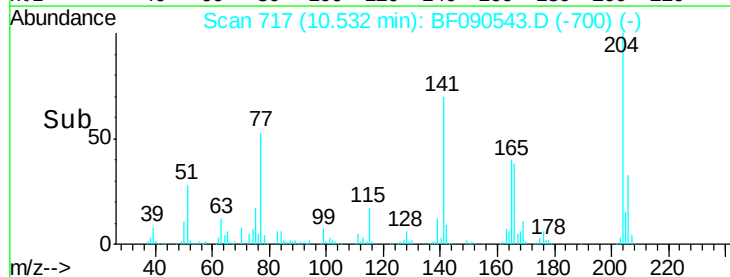
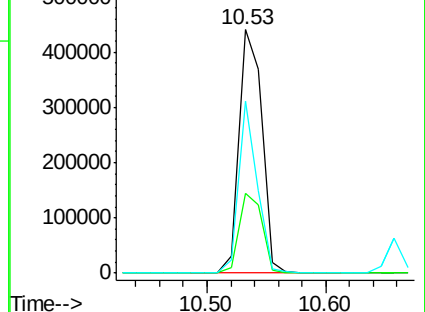
141 70.5 51.7 77.5

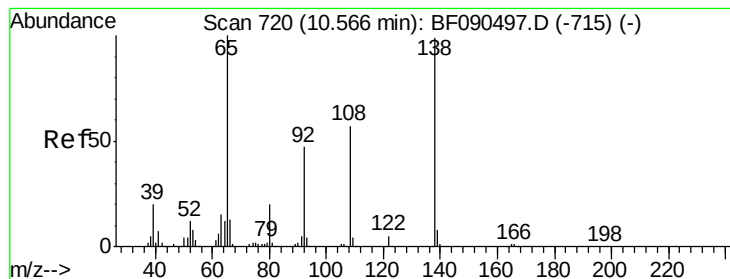


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





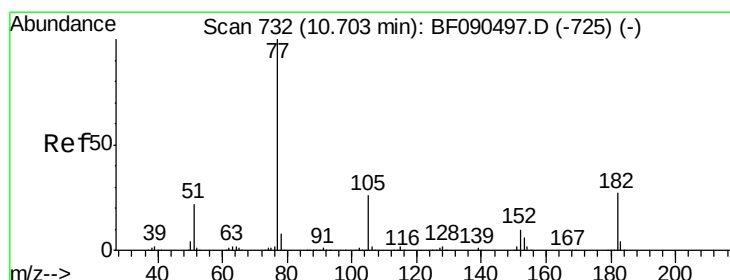
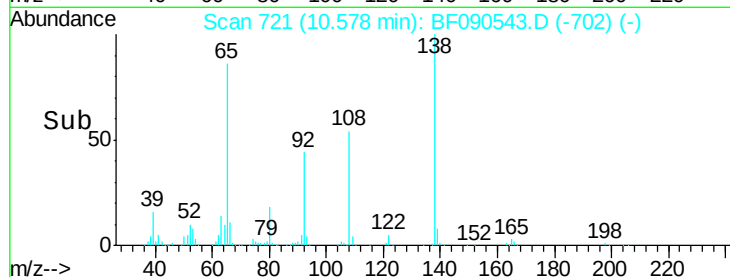
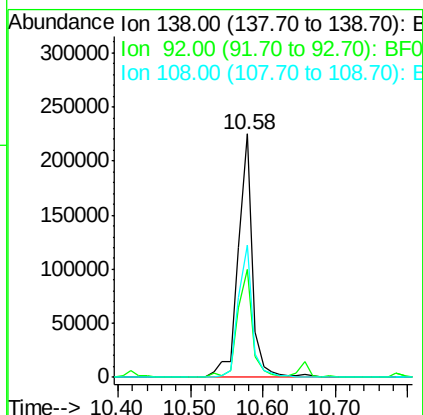
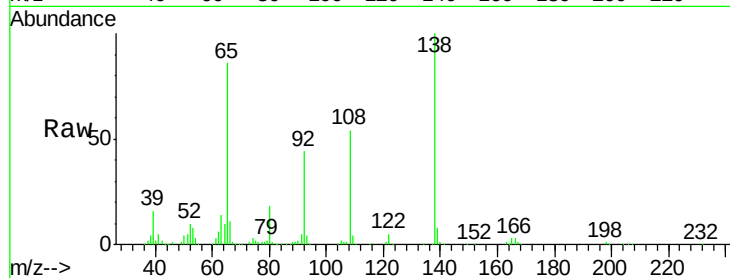
#61
4-Nitroaniline
Concen: 33.51 ng
RT: 10.58 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampled :
PB93974BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.1	33.2	73.2
108	54.3	48.5	88.5

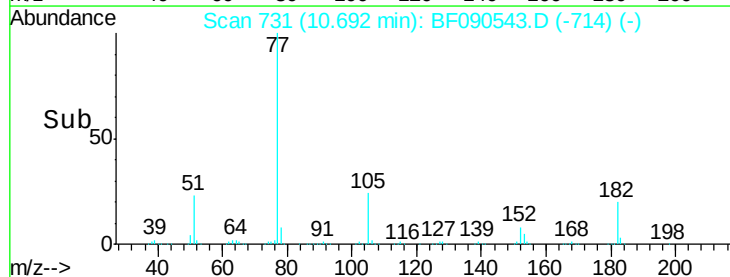
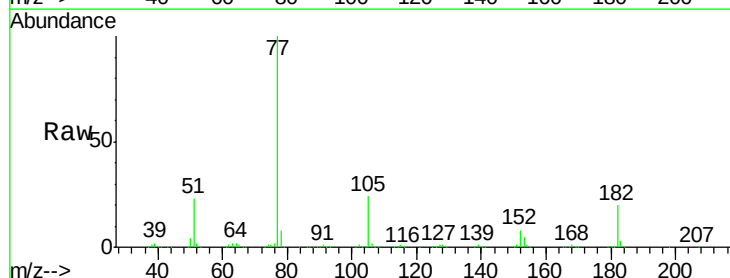
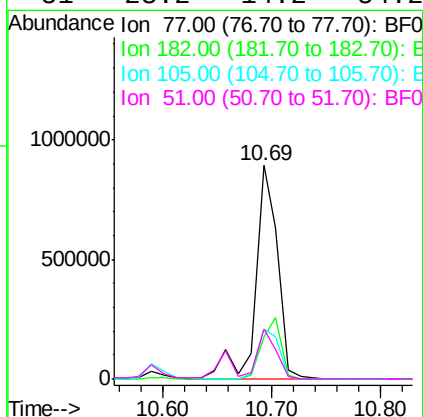
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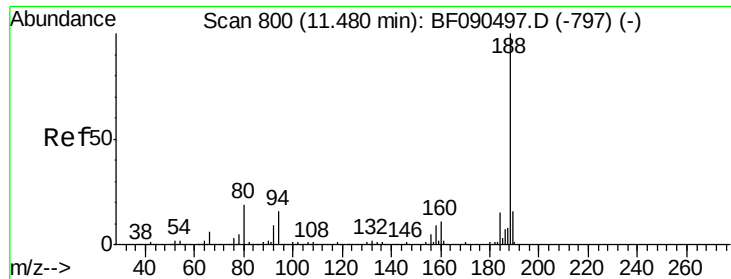
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#62
Azobenzene
Concen: 34.79 ng
RT: 10.69 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.5	3.2	43.2
105	23.7	2.9	42.9
51	23.2	14.2	54.2





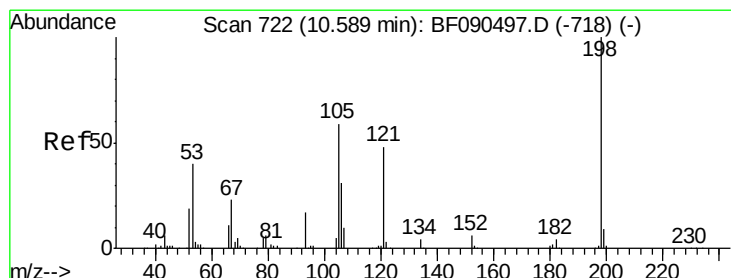
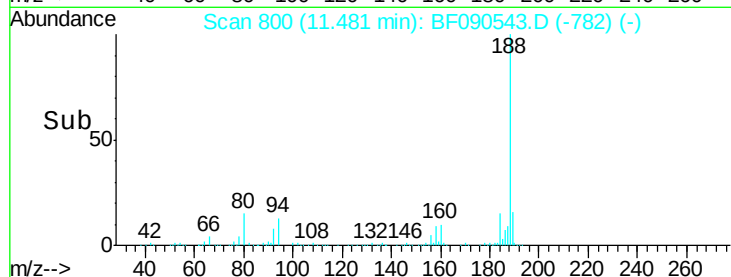
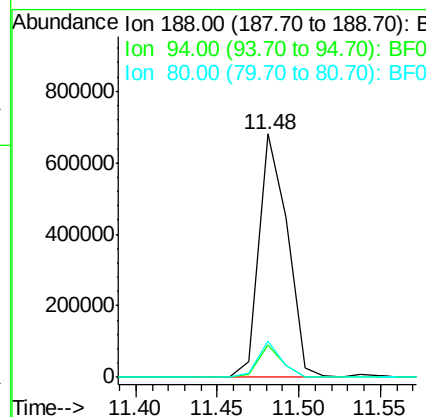
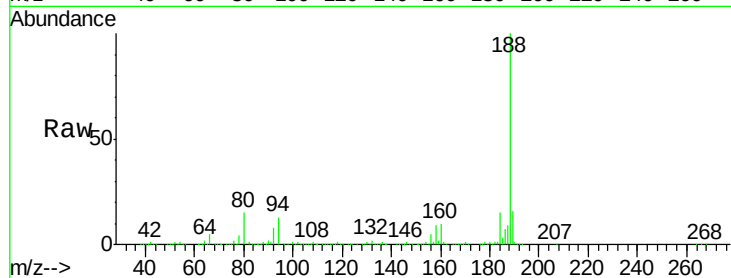
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

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

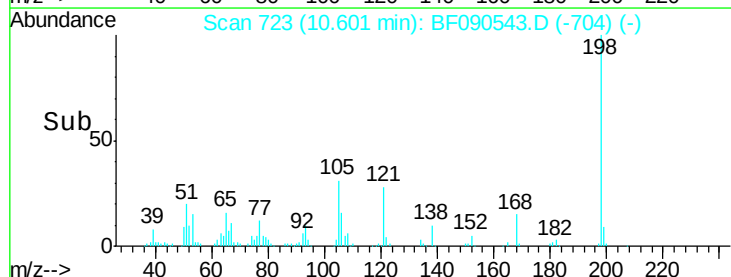
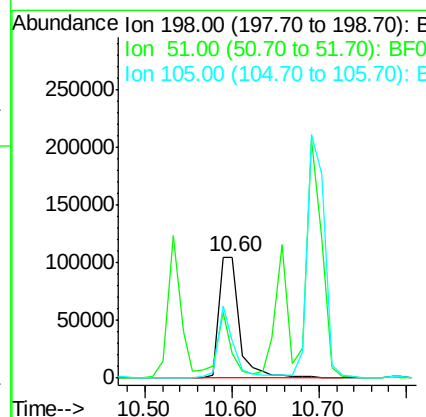
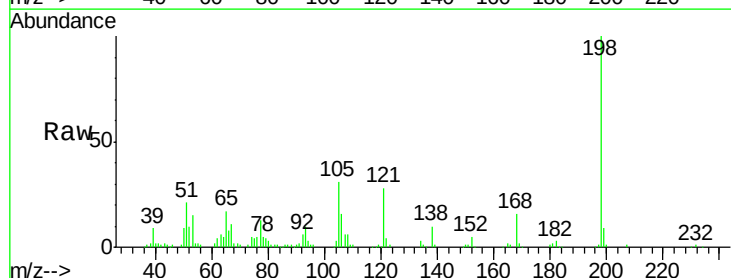
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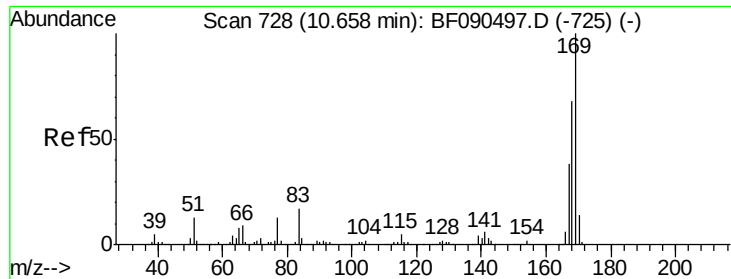
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.14 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	20.5	67.3	107.3#	
105	30.8	42.6	82.6#	





#65

n-Nitrosodiphenylamine

Concen: 39.73 ng

RT: 10.66 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampled :

PB93974BS

Tot Ion:169 Resp: 1070174

Ion Ratio Lower Upper

169 100

168 68.6 53.8 80.6

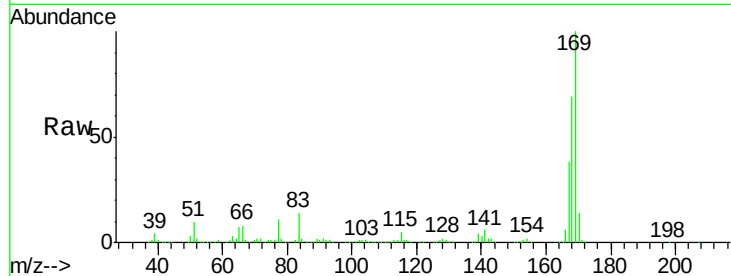
167 37.8 29.8 44.8

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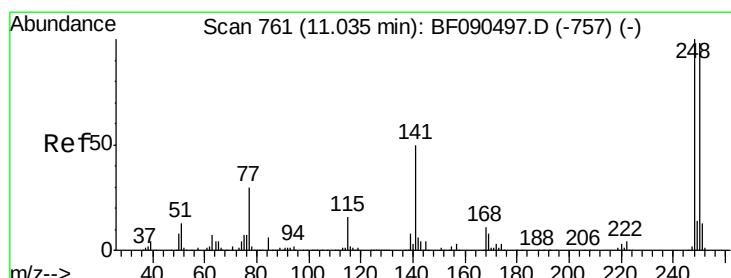
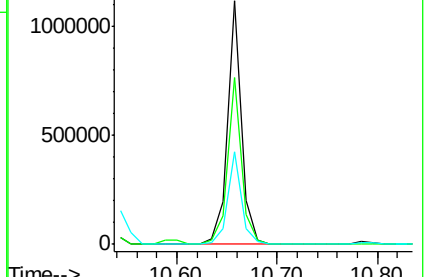
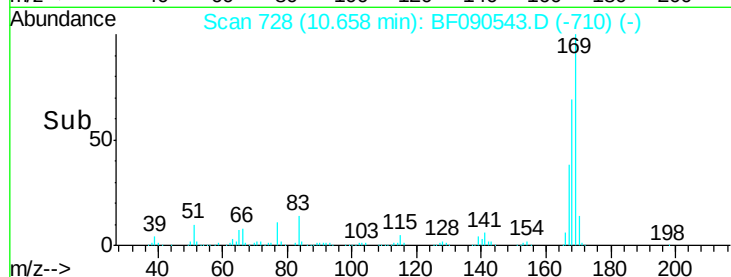
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.55 ng

RT: 11.02 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

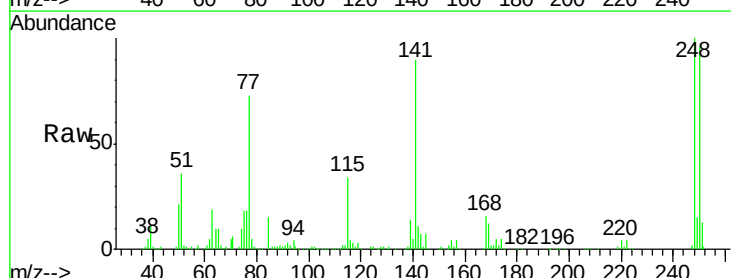
Tgt Ion:248 Resp: 363015

Ion Ratio Lower Upper

248 100

250 96.1 76.5 114.7

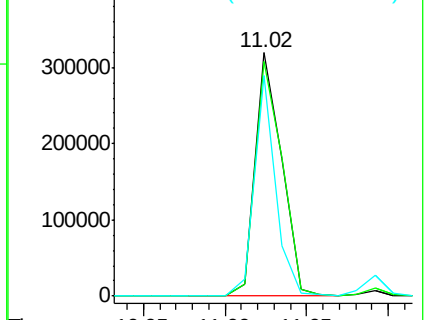
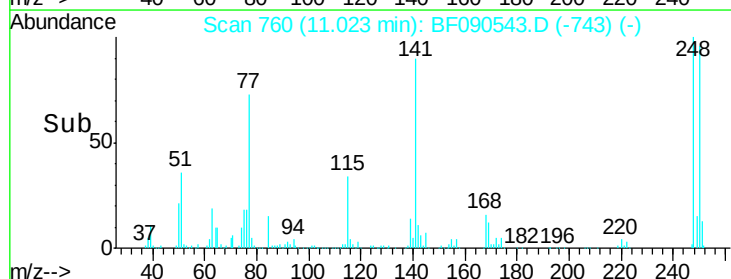
141 90.5 59.8 89.6#

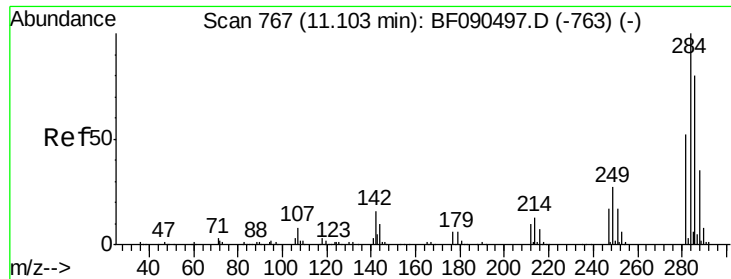


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





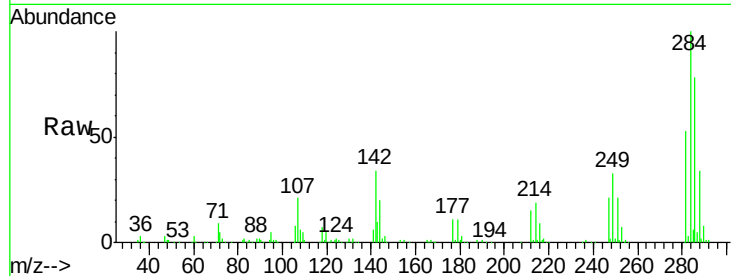
#67
Hexachlorobenzene
Concen: 40.78 ng
RT: 11.09 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

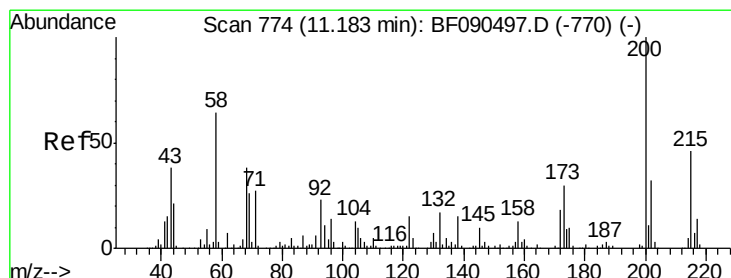
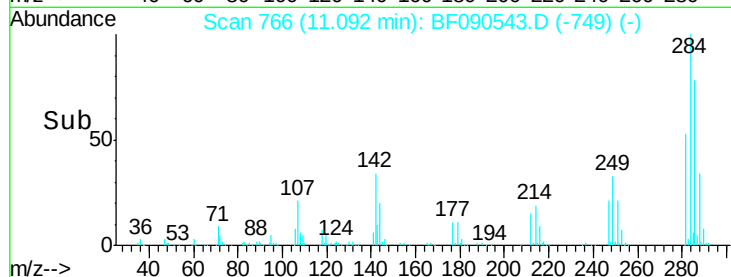
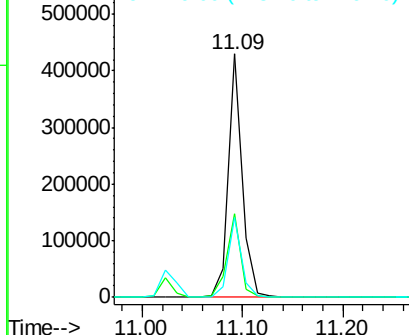
Tot Ion	Ratio	Resp	Lower	Upper
284	100	413439		
142	34.5	23.1	34.7	
249	32.6	26.3	39.5	

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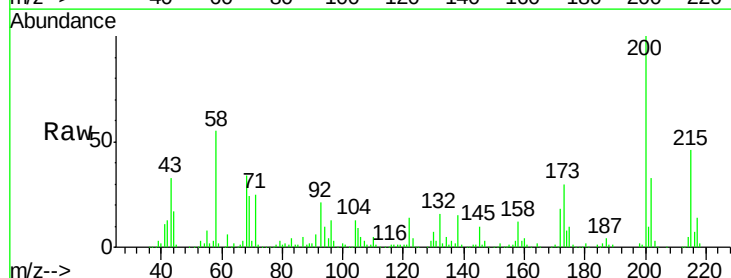


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

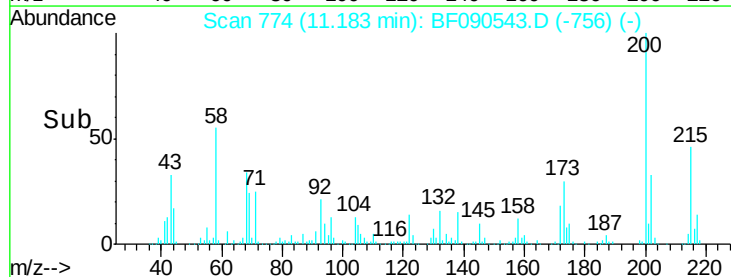
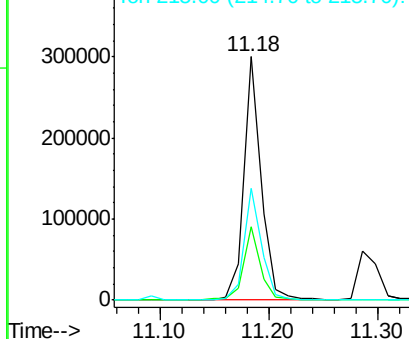


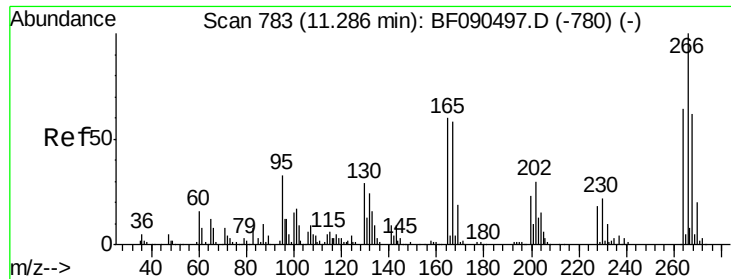
#68
Atrazine
Concen: 39.39 ng
RT: 11.18 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	328345		
173	30.0	9.0	49.0	
215	46.0	24.8	64.8	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





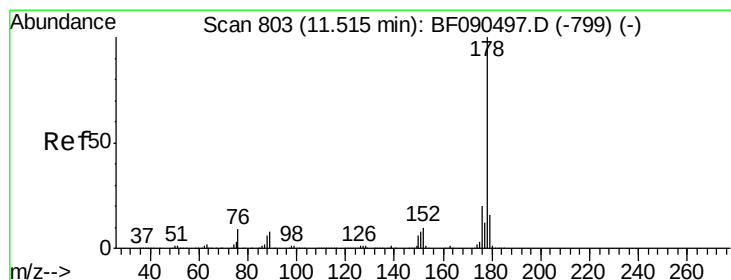
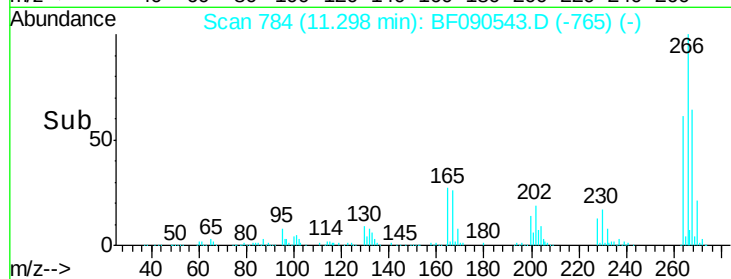
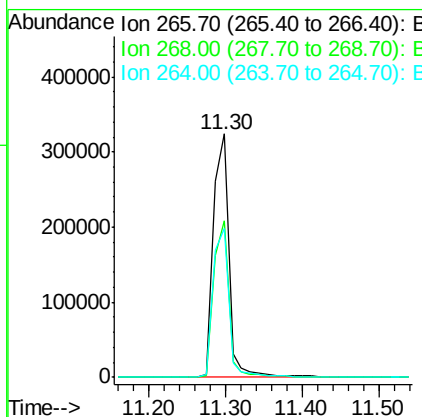
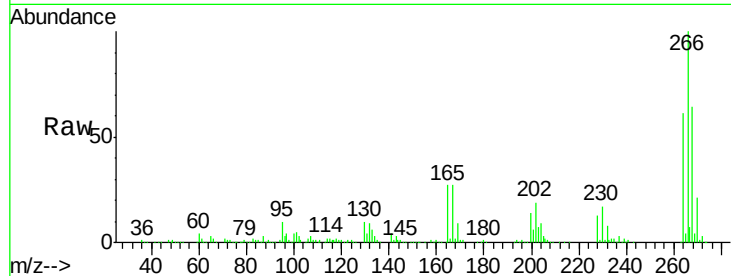
#69
 Pentachlorophenol
 Concen: 75.73 ng
 RT: 11.30 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.9	76.3
264	61.3	51.5	77.3

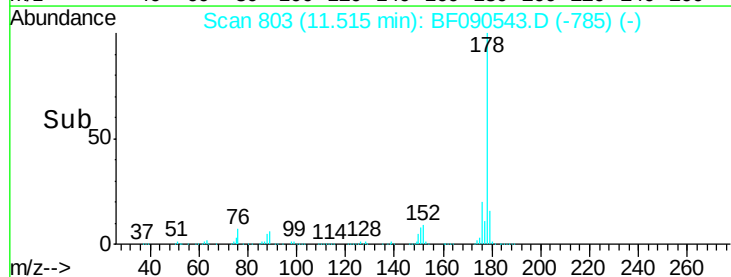
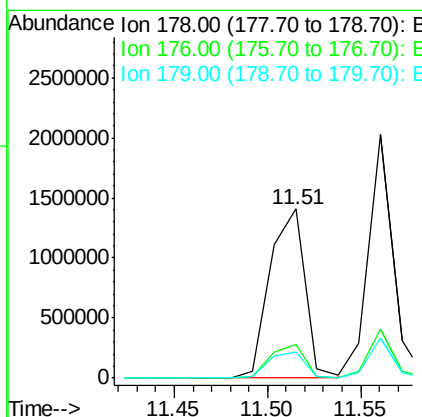
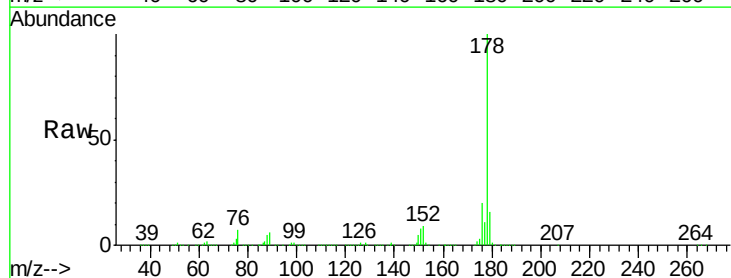
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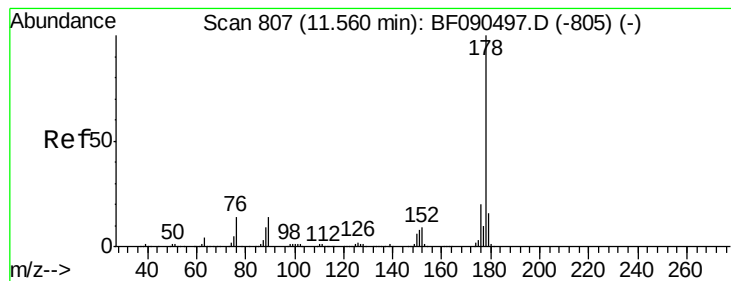
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#70
 Phenanthrene
 Concen: 40.40 ng
 RT: 11.51 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	17.3	25.9
179	15.7	13.8	20.6





#71

Anthracene

Concen: 39.72 ng

RT: 11.56 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

Tot Ion:178 Resp: 1837103

Ion Ratio Lower Upper

178 100

176 20.1 16.8 25.2

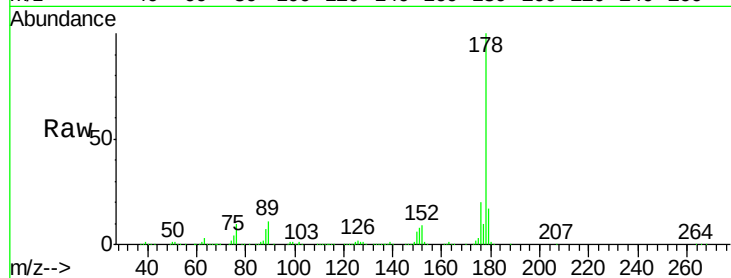
179 16.5 13.4 20.2

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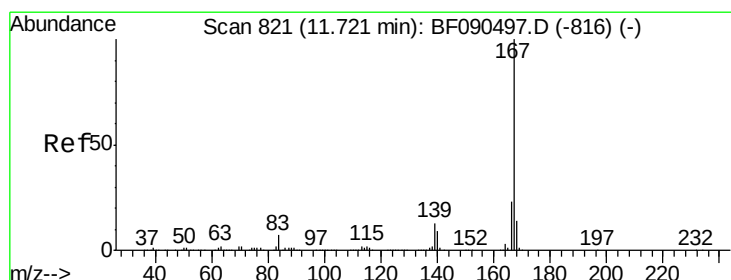
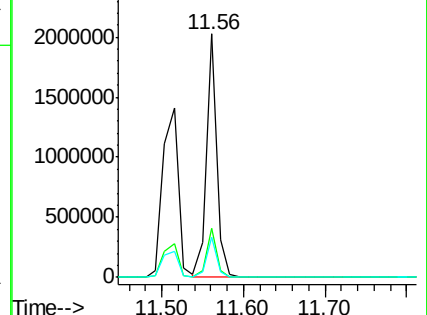
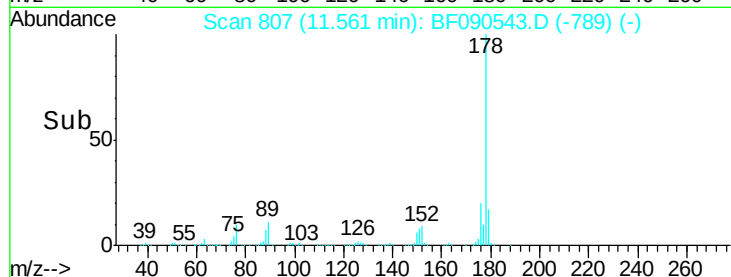
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.21 ng

RT: 11.72 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

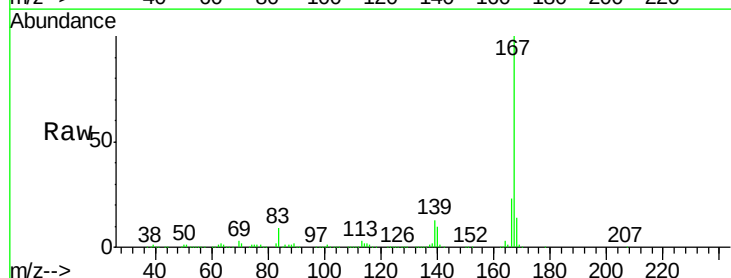
Tgt Ion:167 Resp: 1799981

Ion Ratio Lower Upper

167 100

166 23.1 19.1 28.7

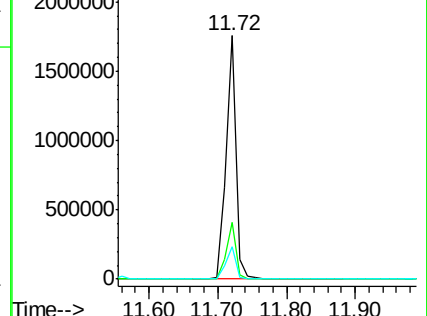
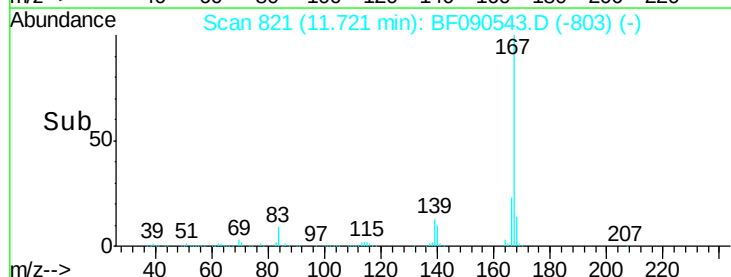
139 13.4 12.1 18.1

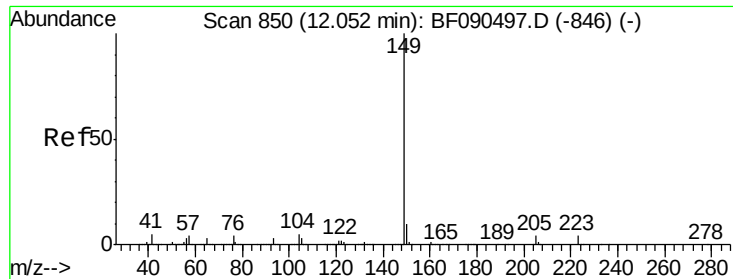


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.14 ng

RT: 12.04 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

Tot Ion:149 Resp: 1953978

Ion Ratio Lower Upper

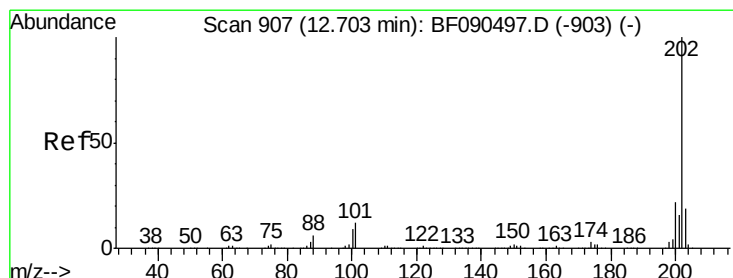
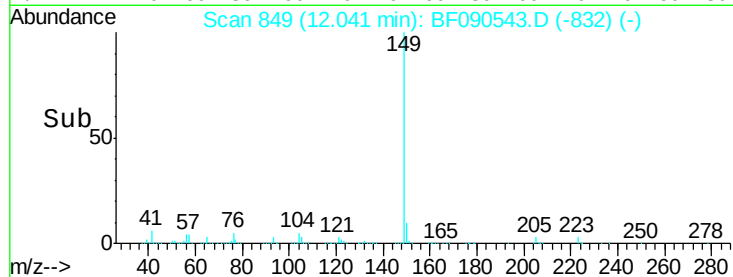
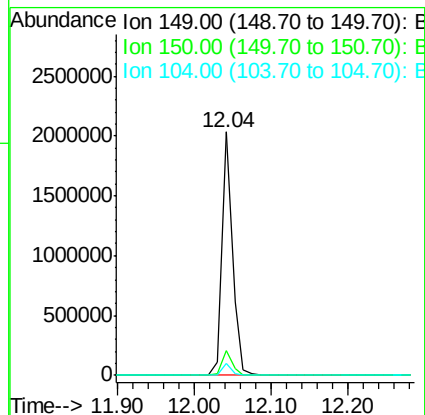
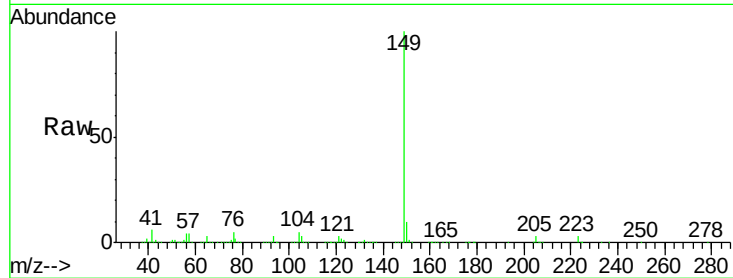
149 100

150 10.1 8.6 12.8

104 5.1 4.7 7.1

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#74

Fluoranthene

Concen: 41.23 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

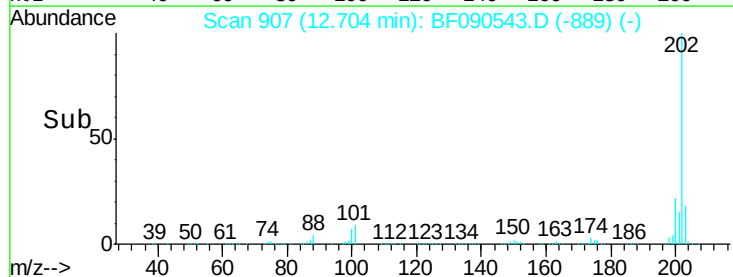
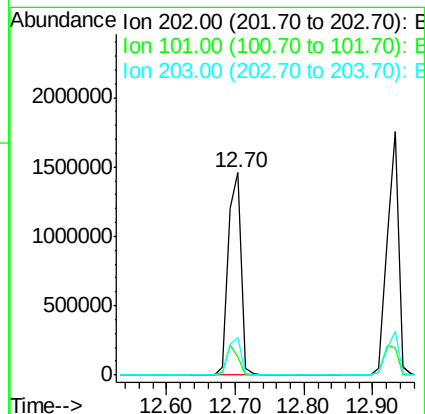
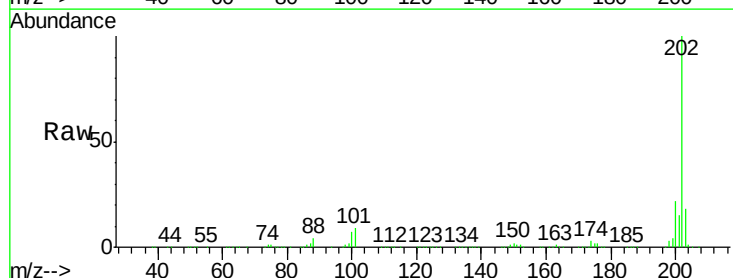
Tgt Ion:202 Resp: 1921474

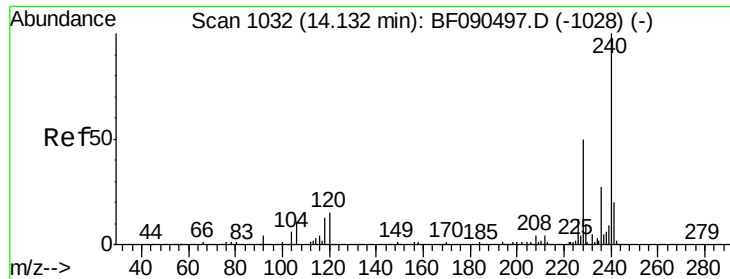
Ion Ratio Lower Upper

202 100

101 8.8 0.0 37.2

203 18.2 0.0 39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

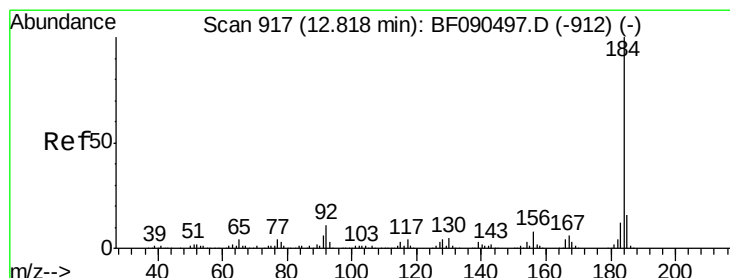
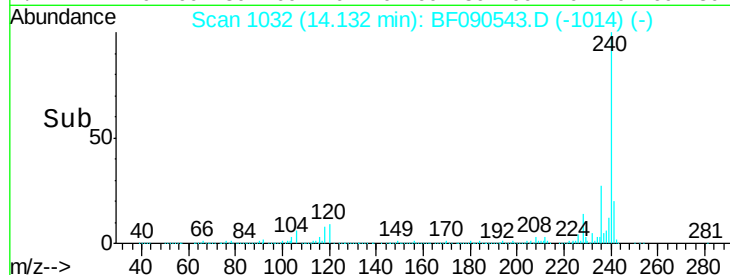
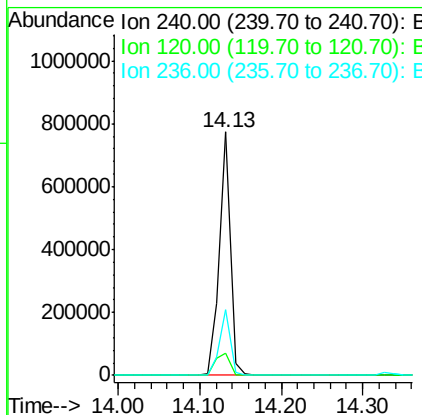
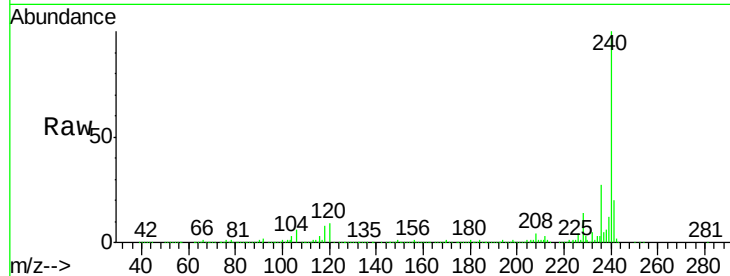
ClientSampleId :

PB93974BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.6	13.0
236	26.9	21.6	32.4

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#76

Benzidine

Concen: 21.97 ng

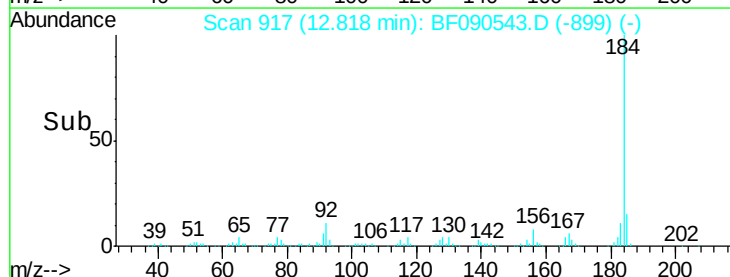
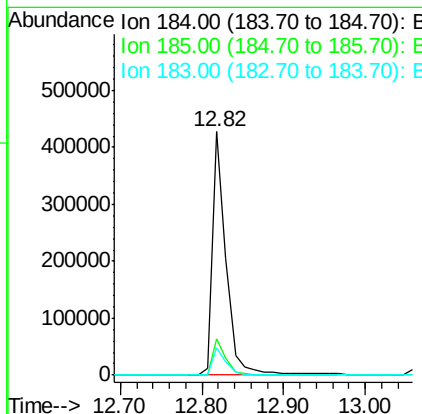
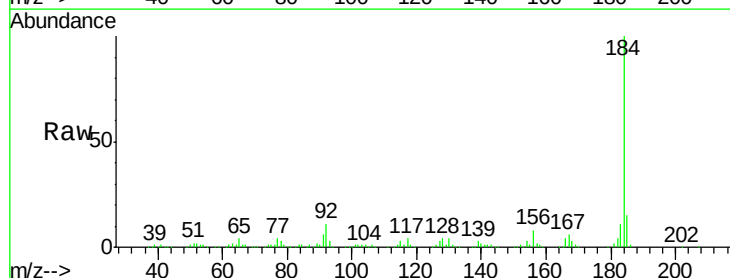
RT: 12.82 min Scan# 917

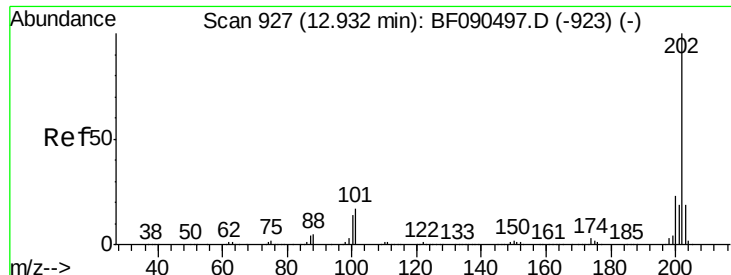
Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.8	17.8
183	11.4	9.6	14.4





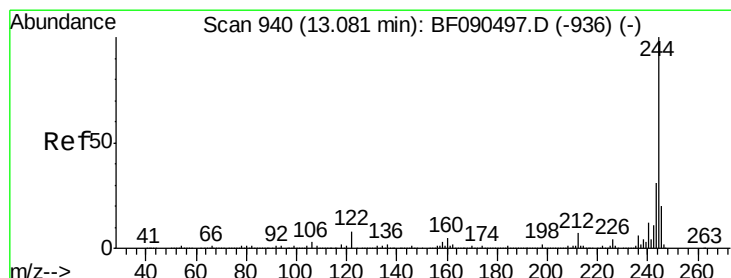
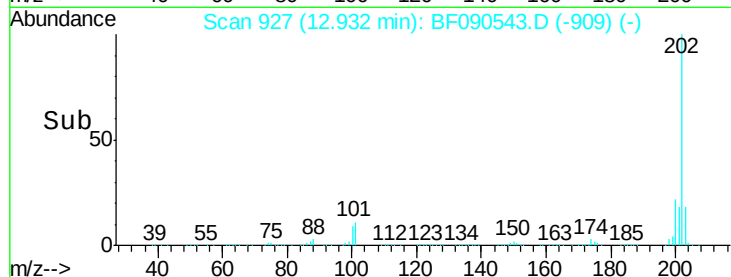
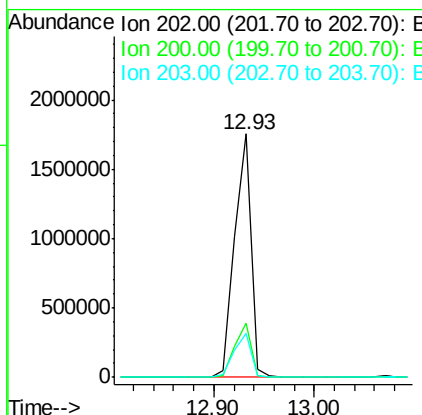
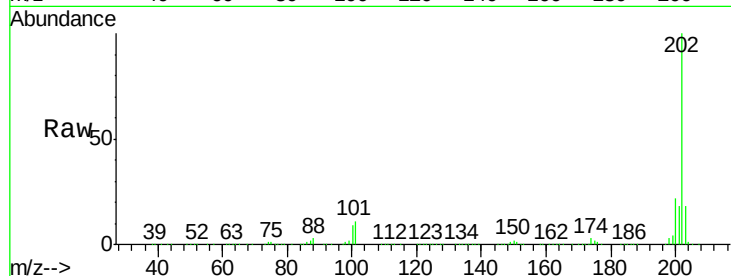
#77
Pvrene
Concen: 43.57 ng
RT: 12.93 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.5	27.7
203	18.3	15.0	22.6

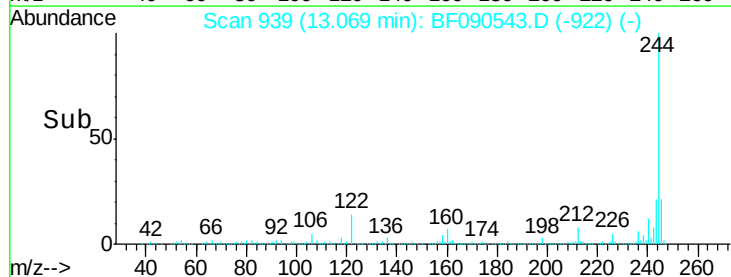
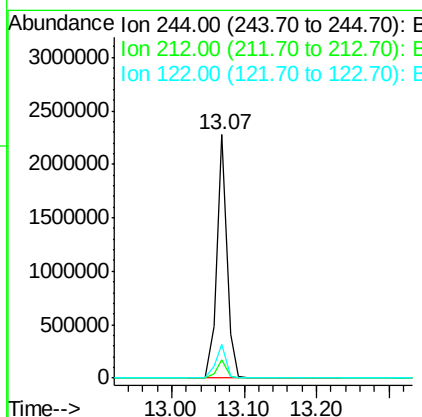
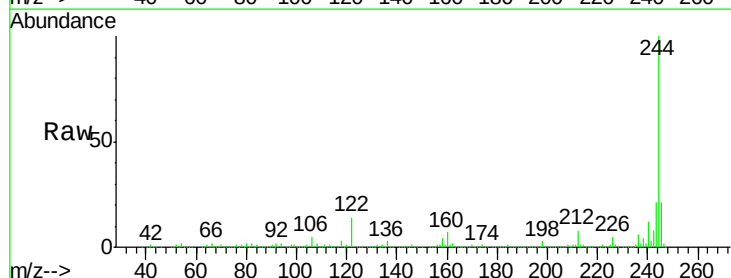
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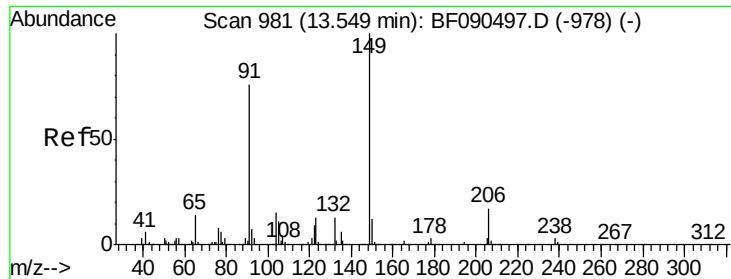
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#78
Terphenyl-d14
Concen: 73.81 ng
RT: 13.07 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.8	10.2
122	13.7	13.3	19.9





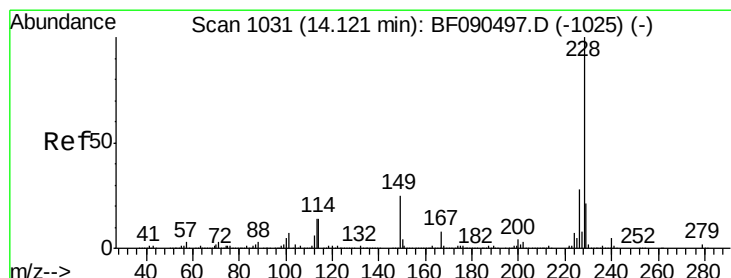
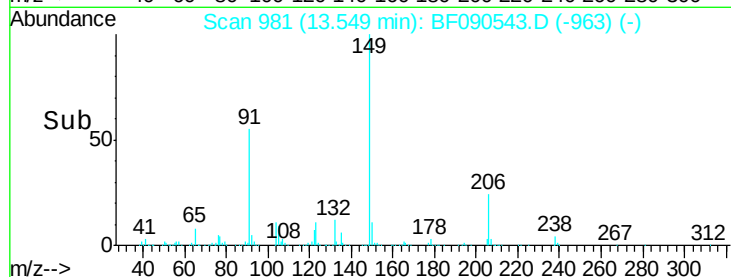
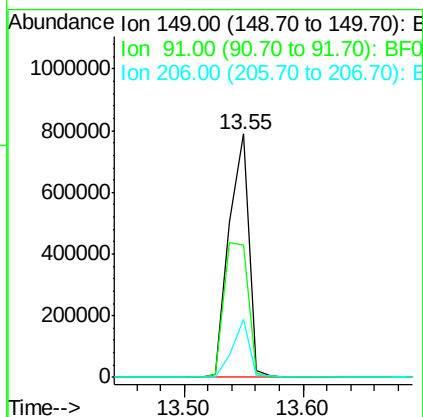
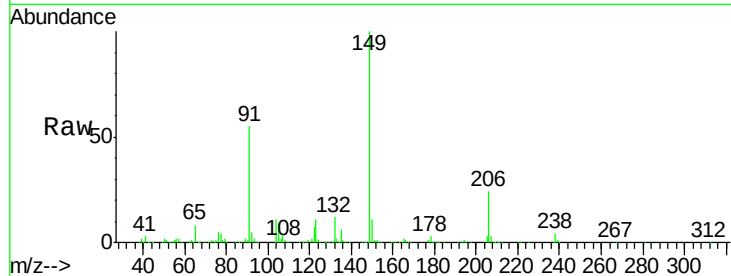
#79
Butylbenzylphthalate
Concen: 42.94 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampled :
PB93974BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	54.6	51.8	77.8
206	23.6	18.0	27.0

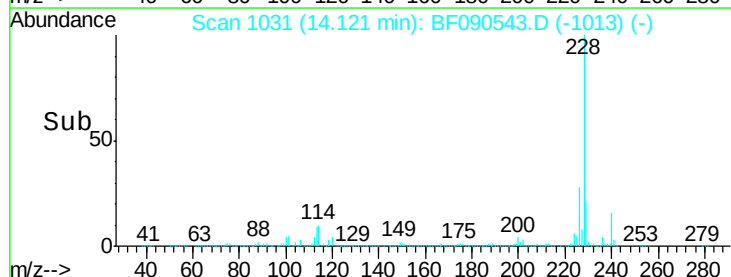
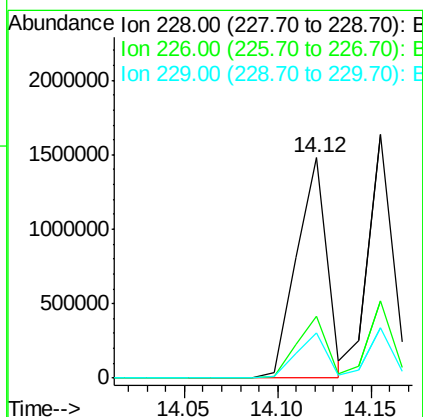
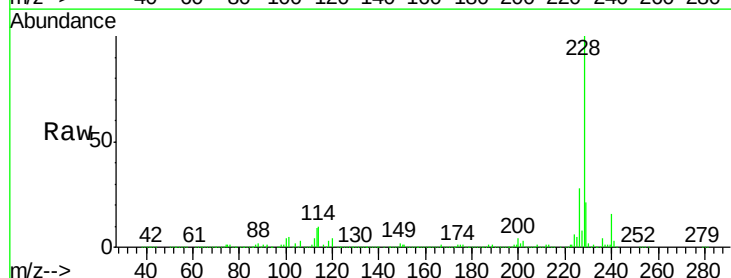
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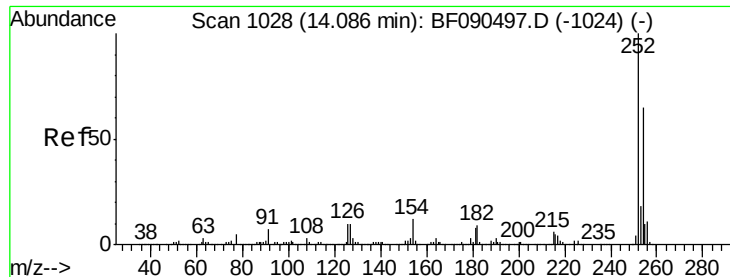
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#80
Benzo(a)anthracene
Concen: 38.56 ng
RT: 14.12 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.6	35.4
229	20.6	16.6	25.0





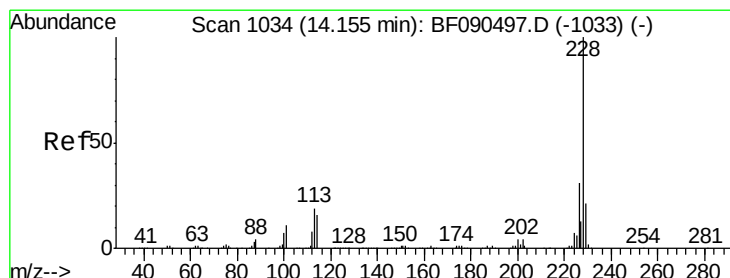
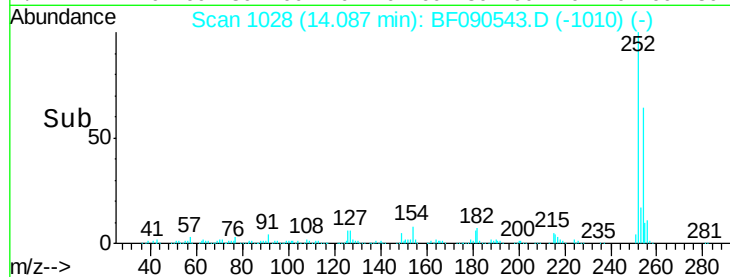
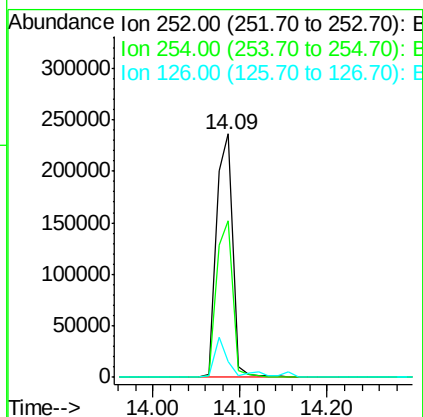
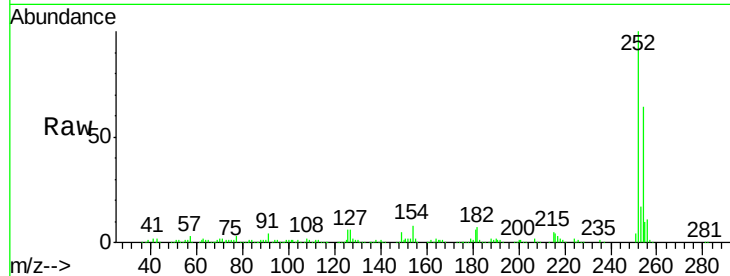
#81
 3,3'-Dichlorobenzidine
 Concen: 20.23 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	316117		
254	64.4	52.1	78.1	
126	6.4	4.2	6.4	

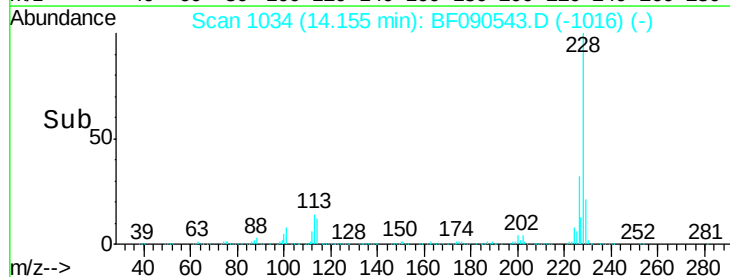
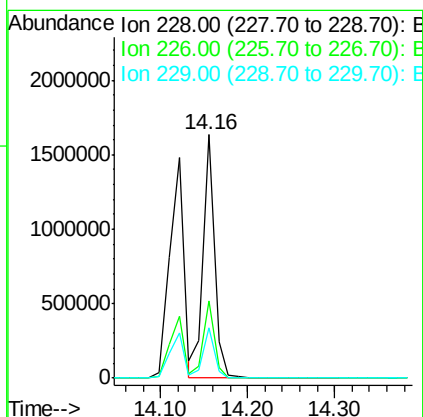
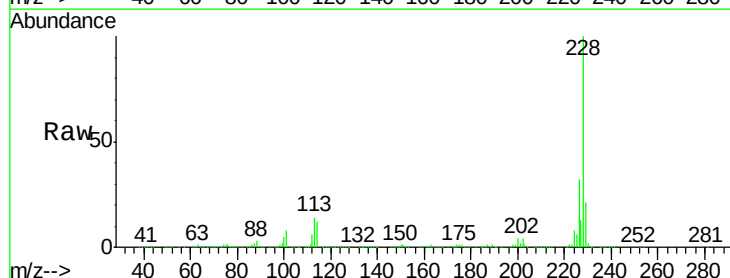
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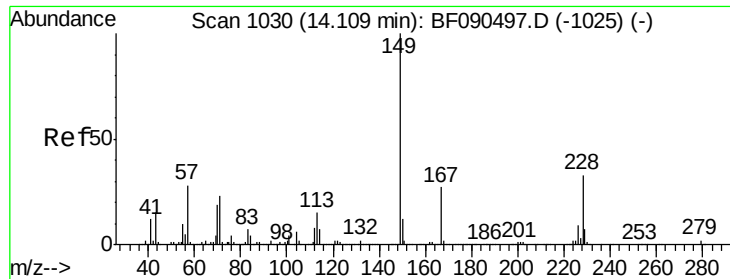
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#82
 Chrysene
 Concen: 36.89 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1490879		
226	31.7	25.8	38.6	
229	20.9	16.9	25.3	





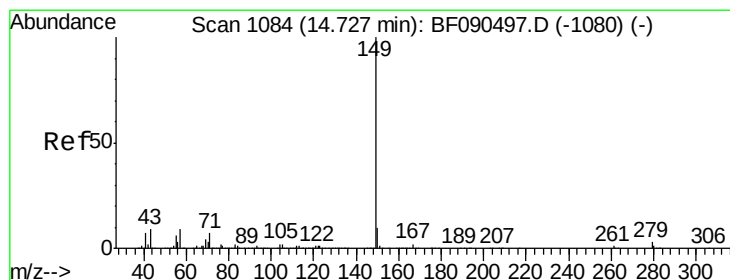
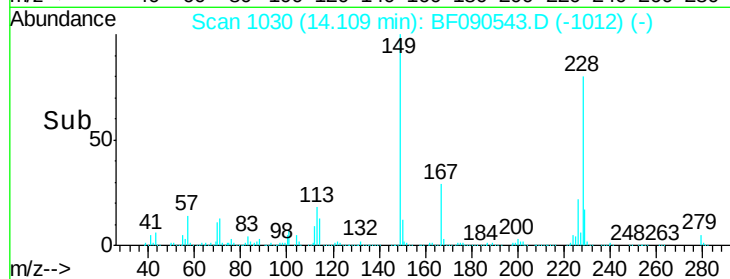
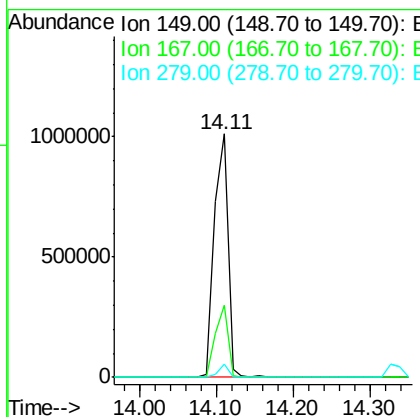
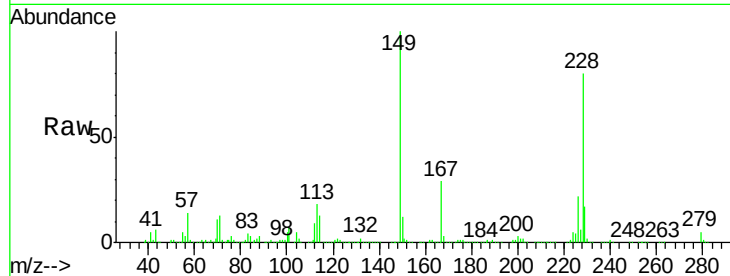
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.78 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.4	21.5	32.3
279	5.4	2.6	3.8

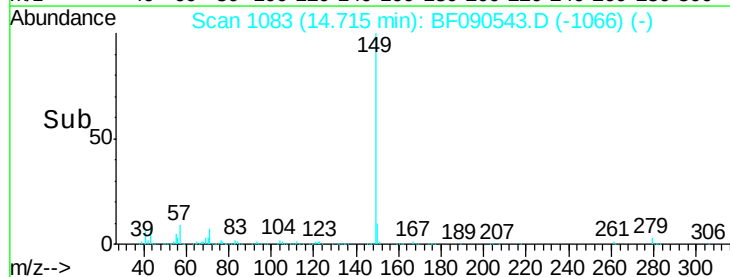
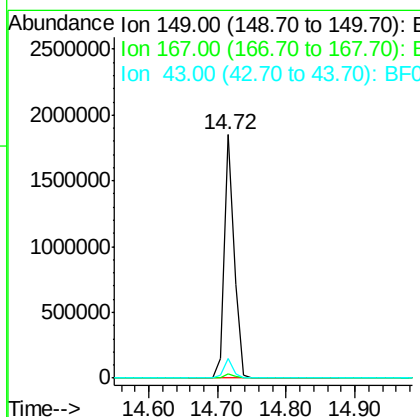
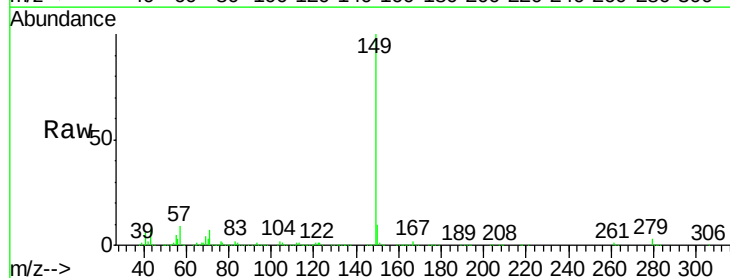
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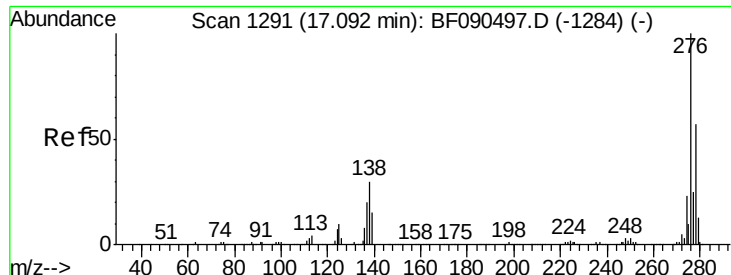
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#84
 Di-n-octyl phthalate
 Concen: 39.27 ng
 RT: 14.72 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	11.8	17.8





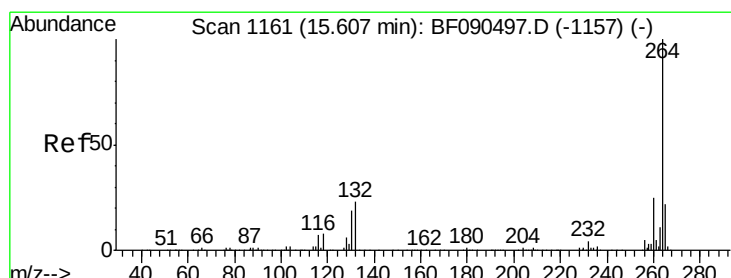
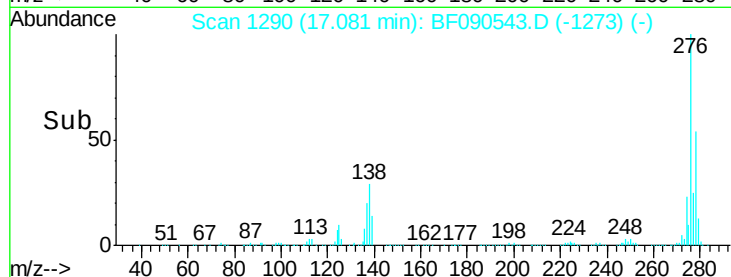
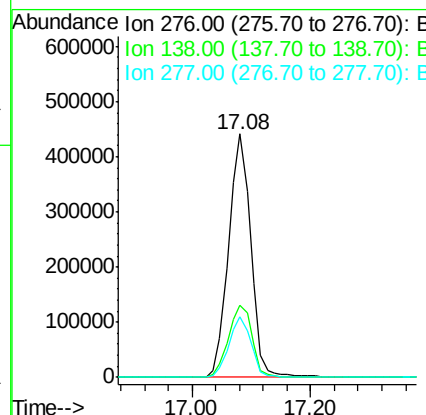
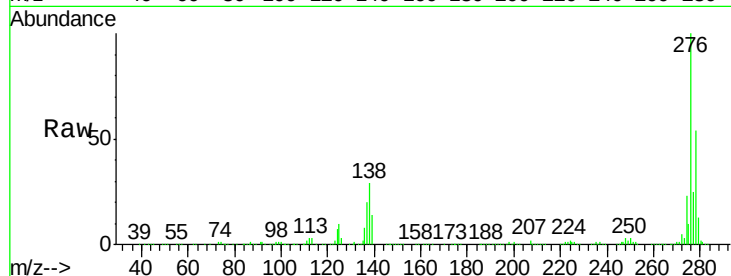
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.14 ng
RT: 17.08 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.6	23.8	35.8
277	24.9	20.4	30.6

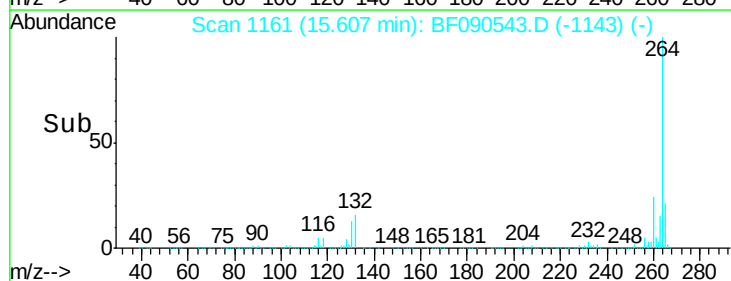
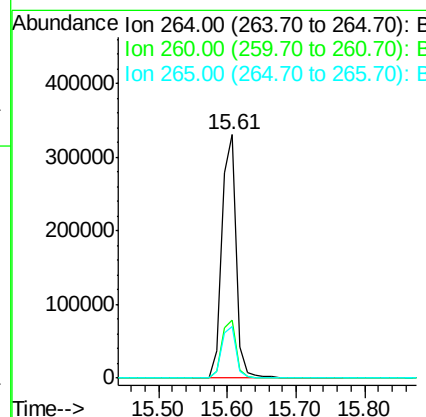
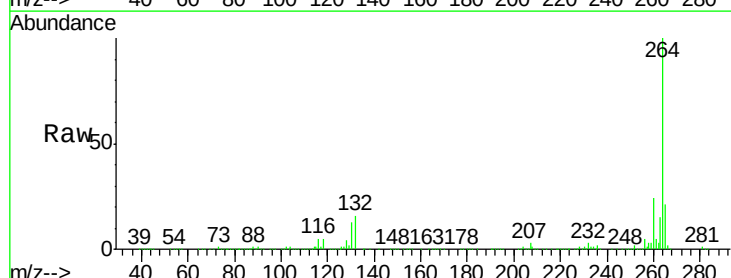
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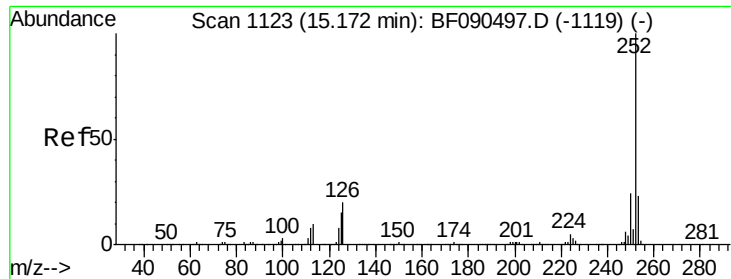
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.3	17.4	26.0





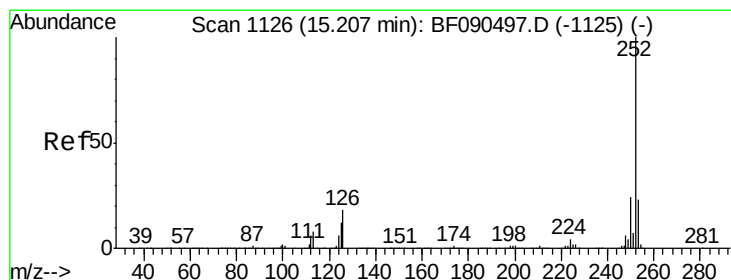
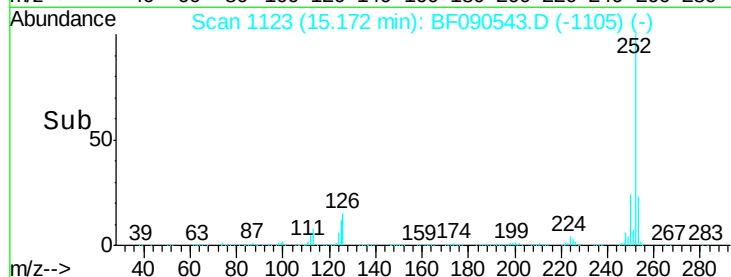
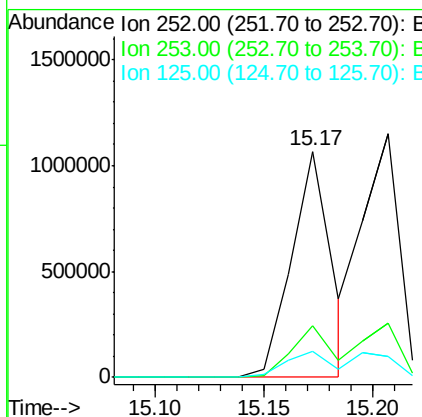
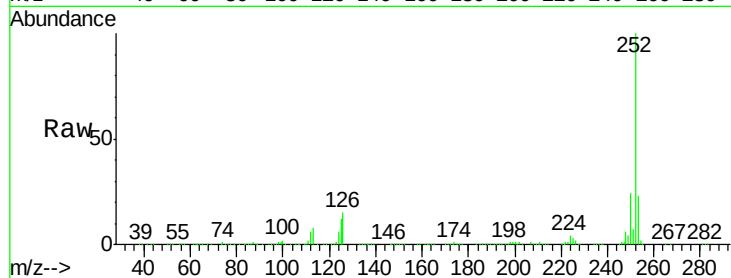
#87
Benzo(b)fluoranthene
Concen: 41.84 ng
RT: 15.17 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampled :
PB93974BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	11.7	7.0	10.4

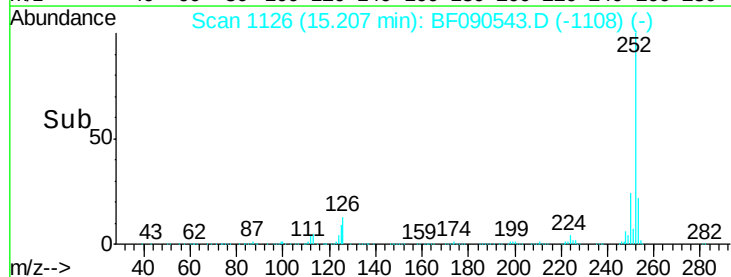
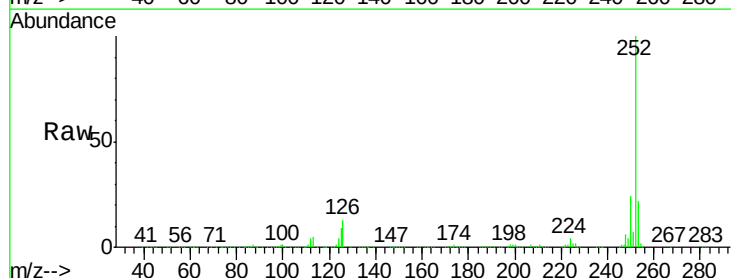
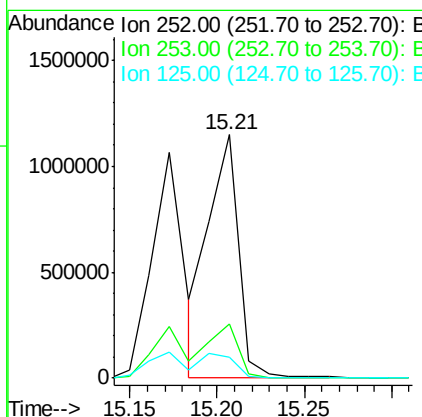
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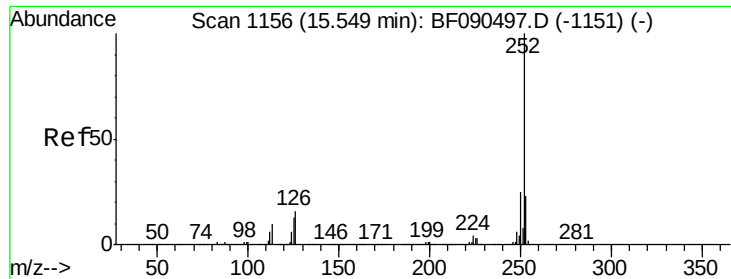
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#88
Benzo(k)fluoranthene
Concen: 48.23 ng m
RT: 15.21 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	27.8
125	8.7	11.7	17.5





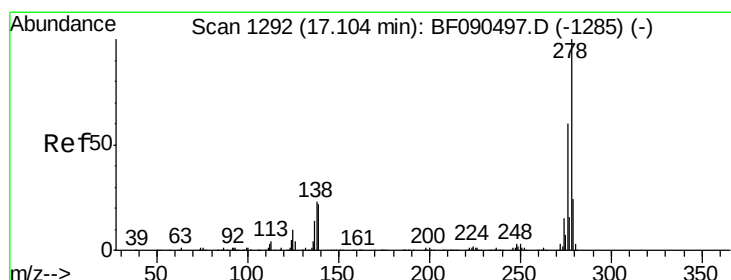
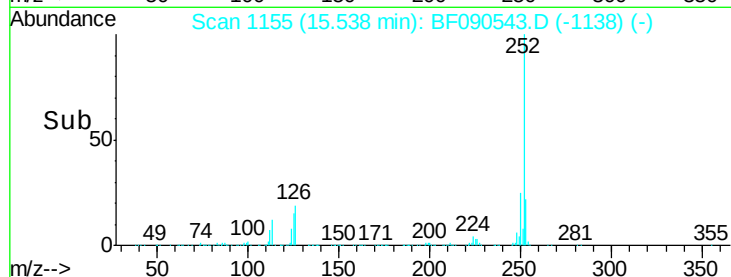
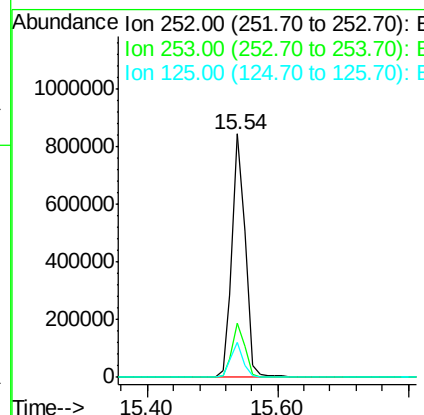
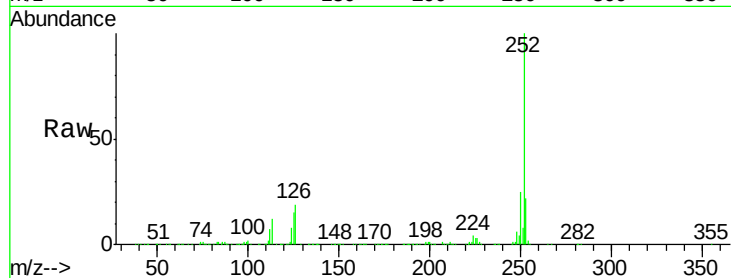
#89
Benzo(a)pyrene
Concen: 42.34 ng
RT: 15.54 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	14.5	9.8	14.8

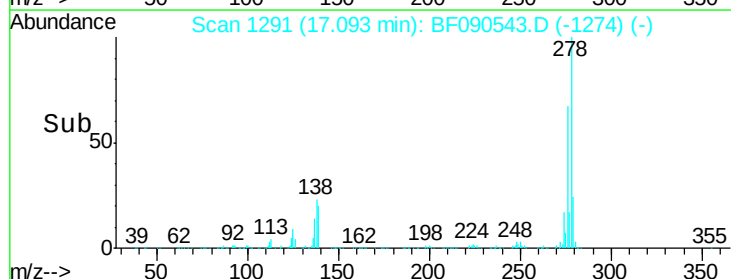
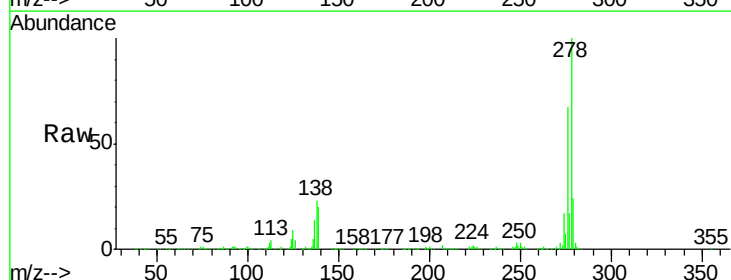
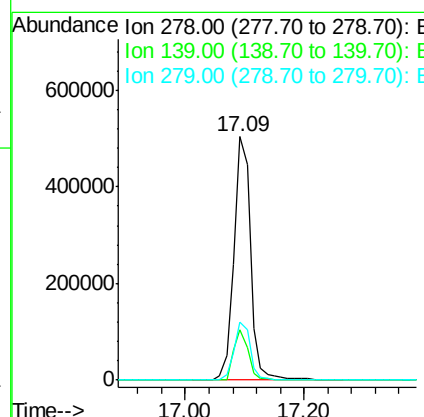
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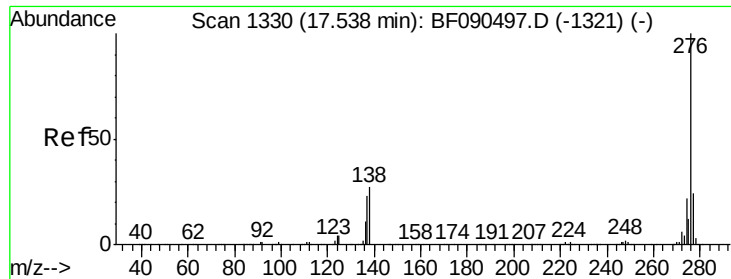
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#90
Dibenzo(a,h)anthracene
Concen: 40.85 ng
RT: 17.09 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	12.8	19.2#
279	24.1	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.25 ng
 RT: 17.53 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.8	19.4	29.0
138	26.7	20.8	31.2

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