

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
 Data File : BF090353.D
 Acq On : 4 Oct 2016 20:28
 Operator : UM/SJ
 Sample : PB93778BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93778BS

Manual Integrations
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 10/5/2016 7:27:31 PM

Quant Time: Oct 05 03:43:46 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 04 14:16:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	259752	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1032760	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	472125	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	710469	20.00	ng	0.00
75) Chrysene-d12	14.19	240	489312	20.00	ng	0.00
86) Perylene-d12	15.70	264	421706	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	2051848	124.59	ng	0.00
7) Phenol-d6	6.63	99	2762027	134.17	ng	0.00
23) Nitrobenzene-d5	7.57	82	1718587	97.00	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	590832	144.09	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2699632	93.23	ng	0.00
78) Terphenyl-d14	13.14	244	2176503	103.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.78	88	268180	33.36	ng	94
3) Pyridine	3.54	79	882754	41.43	ng	88
4) n-Nitrosodimethylamine	3.49	42	365181	47.31	ng	# 67
6) Aniline	6.69	93	646187	22.85	ng	99
8) 2-Chlorophenol	6.79	128	751694	40.62	ng	99
9) Benzaldehyde	6.55	77	338229	35.40	ng	98
10) Phenol	6.65	94	1136168	45.38	ng	92
11) bis(2-Chloroethyl)ether	6.74	93	720559	40.53	ng	85
12) 1,3-Dichlorobenzene	6.95	146	752710	39.16	ng	99
13) 1,4-Dichlorobenzene	7.02	146	715088	36.64	ng	97
14) 1,2-Dichlorobenzene	7.18	146	770446	41.52	ng	99
15) Benzyl Alcohol	7.15	79	725836	50.02	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1191417	43.84	ng	95
17) 2-Methylphenol	7.25	107	567783	39.61	ng	98
18) Hexachloroethane	7.53	117	283957	40.21	ng	93
19) n-Nitroso-di-n-propylamine	7.42	70	646814	49.20	ng	# 83
20) 3+4-Methylphenols	7.41	107	823952	45.21	ng	# 84
22) Acetophenone	7.42	105	1039528	43.47	ng	# 84
24) Nitrobenzene	7.59	77	893265	47.22	ng	92
25) Isophorone	7.83	82	1532485	45.47	ng	97
26) 2-Nitrophenol	7.91	139	321379	44.03	ng	95
27) 2,4-Dimethylphenol	7.94	122	625944	38.01	ng	95
28) bis(2-Chloroethoxy)methane	8.04	93	887818	42.42	ng	# 97
29) 2,4-Dichlorophenol	8.15	162	514320	38.15	ng	98
30) 1,2,4-Trichlorobenzene	8.23	180	556934	36.88	ng	100
31) Naphthalene	8.31	128	1926120	39.02	ng	99
32) Benzoic acid	8.04	122	320872	32.25	ng	96
33) 4-Chloroaniline	8.37	127	127526	6.47	ng	# 91
34) Hexachlorobutadiene	8.44	225	309252	34.79	ng	99
35) Caprolactam	8.71	113	138032	39.15	ng	99
36) 4-Chloro-3-methylphenol	8.84	107	620653	42.87	ng	96
37) 2-Methylnaphthalene	9.01	142	1310489	42.30	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	560343	42.05	ng	98
40) Hexachlorocyclopentadiene	9.17	237	647588	73.03	ng	100

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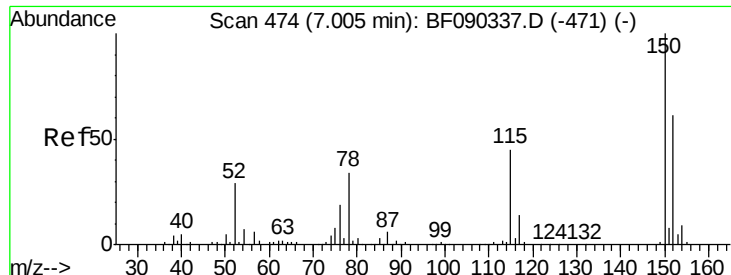
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	388034	46.29	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	328216	38.91	ng	# 91
45) 1,1'-Biphenyl	9.48	154	1556005	42.57	ng	96
46) 2-Chloronaphthalene	9.50	162	1211734	44.16	ng	98
47) 2-Nitroaniline	9.59	65	403515	53.88	ng	# 83
48) Acenaphthylene	9.91	152	1644832	39.63	ng	99
49) Dimethylphthalate	9.78	163	1305484	46.71	ng	98
50) 2,6-Dinitrotoluene	9.83	165	293928	48.08	ng	# 83
51) Acenaphthene	10.09	154	1181208	46.77	ng	98
52) 3-Nitroaniline	9.99	138	132340	19.11	ng	84
53) 2,4-Dinitrophenol	10.11	184	254995	108.68	ng	89
54) Dibenzofuran	10.27	168	1547579	46.34	ng	97
55) 4-Nitrophenol	10.15	139	525795	95.35	ng	94
56) 2,4-Dinitrotoluene	10.23	165	331277	45.02	ng	# 31
57) Fluorene	10.61	166	1263058	45.21	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	255370m	42.93	ng	
59) Diethylphthalate	10.47	149	1182272	41.38	ng	# 91
60) 4-Chlorophenyl-phenylether	10.60	204	610427	46.08	ng	95
61) 4-Nitroaniline	10.61	138	243908	39.16	ng	94
62) Azobenzene	10.76	77	1704087	57.24	ng	92
64) 4,6-Dinitro-2-methylphenol	10.65	198	156985	48.57	ng	# 52
65) n-Nitrosodiphenylamine	10.71	169	1019561	42.09	ng	98
66) 4-Bromophenyl-phenylether	11.09	248	346729	45.16	ng	96
67) Hexachlorobenzene	11.16	284	348945	38.67	ng	# 91
68) Atrazine	11.24	200	267078	46.05	ng	99
69) Pentachlorophenol	11.34	266	363962	71.95	ng	99
70) Phenanthrene	11.57	178	1629979	42.76	ng	99
71) Anthracene	11.62	178	1605916	42.21	ng	98
72) Carbazole	11.78	167	1487091	42.52	ng	96
73) Di-n-butylphthalate	12.11	149	1796322	42.97	ng	98
74) Fluoranthene	12.76	202	1417243	39.20	ng	97
76) Benzidine	12.87	184	343169	25.50	ng	97
77) Pyrene	12.99	202	1377666	43.97	ng	98
79) Butylbenzylphthalate	13.62	149	673118	54.51	ng	94
80) Benzo(a)anthracene	14.18	228	1265245	46.11	ng	99
81) 3,3'-Dichlorobenzidine	14.14	252	264346	27.97	ng	# 98
82) Chrysene	14.22	228	1209425	47.04	ng	99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1035221	52.41	ng	100
84) Di-n-octyl phthalate	14.80	149	1507364	52.52	ng	94
85) Indeno(1,2,3-cd)pyrene	17.22	276	1176513	42.58	ng	94
87) Benzo(b)fluoranthene	15.25	252	1291479	53.25	ng	# 95
88) Benzo(k)fluoranthene	15.29	252	862457m	37.23	ng	
89) Benzo(a)pyrene	15.63	252	1025169	46.35	ng	# 94
90) Dibenzo(a,h)anthracene	17.24	278	988083	45.55	ng	# 95
91) Benzo(g,h,i)perylene	17.68	276	968546	45.59	ng	95

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



#1

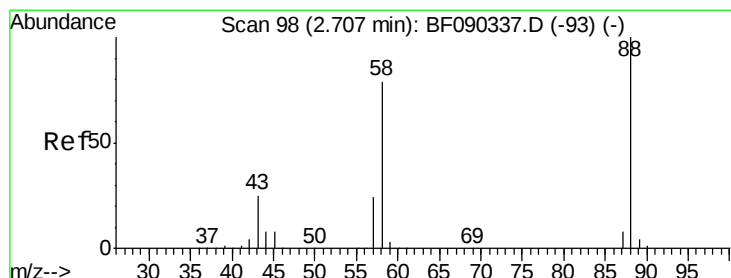
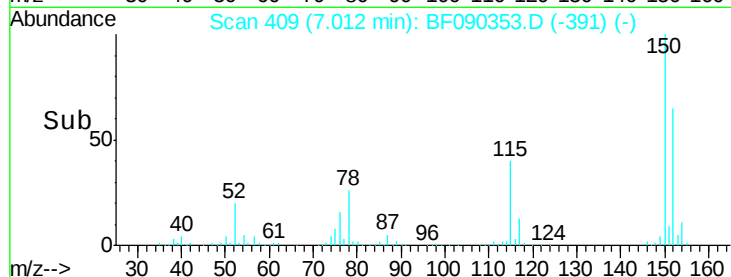
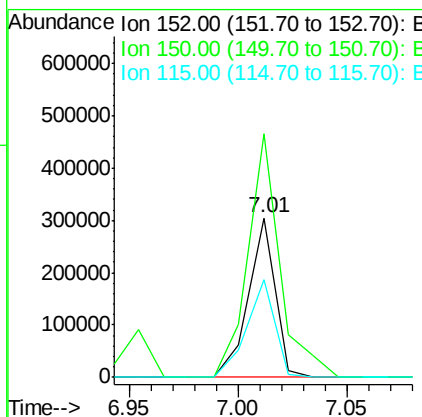
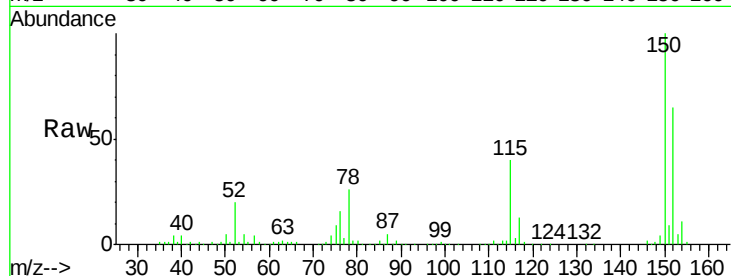
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB93778BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	61.0	46.2	69.4

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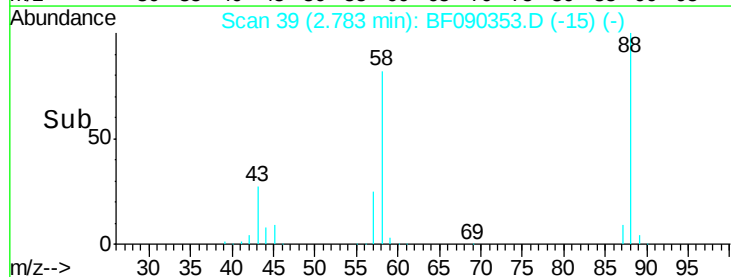
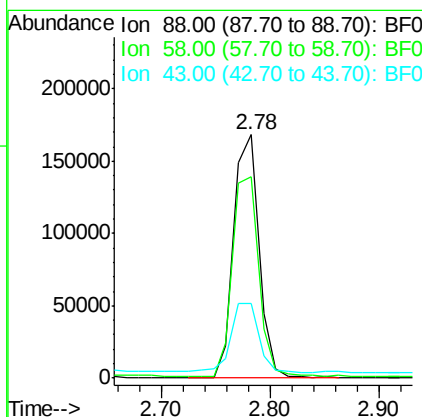
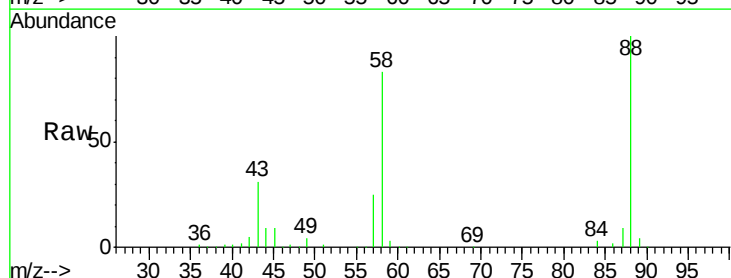
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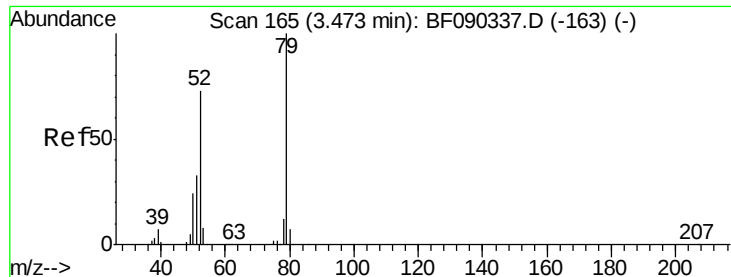


#2

1,4-Dioxane
Concen: 33.36 ng
RT: 2.78 min Scan# 39
Delta R.T. 0.08 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.1	71.2	106.8
43	31.0	29.8	44.6





#3

Pyridine

Concen: 41.43 ng

RT: 3.54 min Scan# 105

Delta R.T. 0.06 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

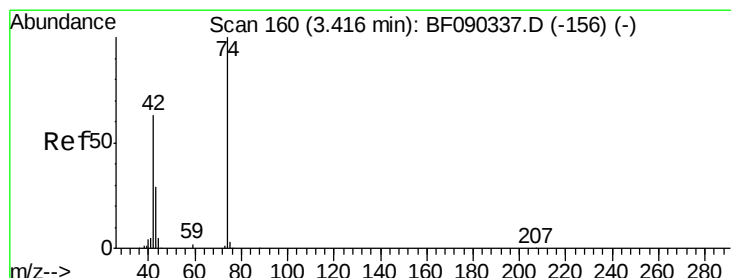
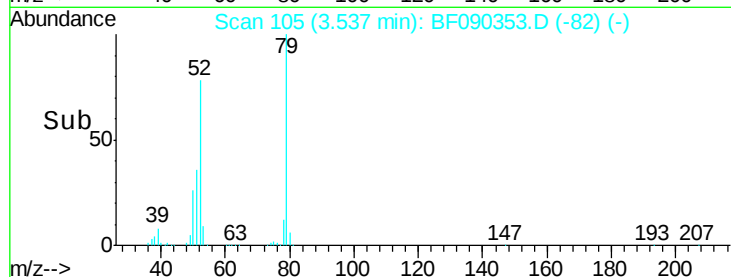
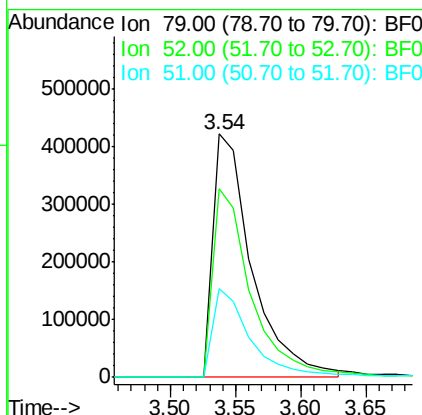
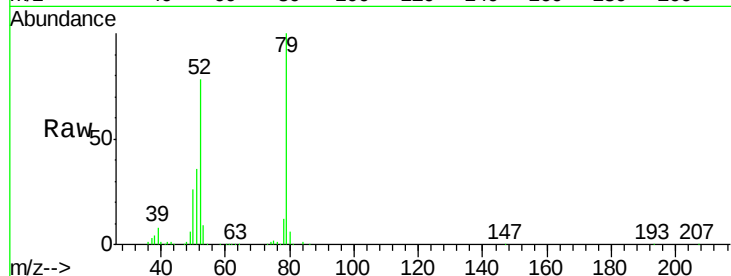
ClientSampled :

PB93778BS

Tgt Ion:	79	Resp:	882754
Ion Ratio	Lower	Upper	
79	100		
52	77.6	71.3	106.9
51	36.3	34.5	51.7

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#4

n-Nitrosodimethylamine

Concen: 47.31 ng

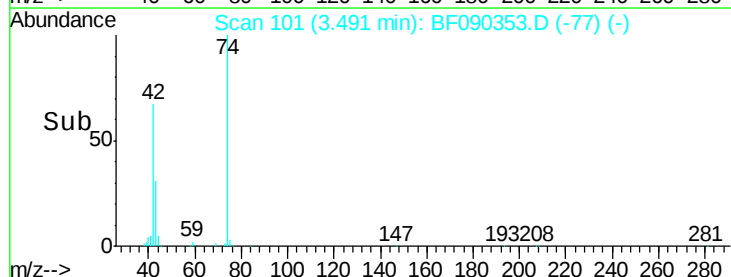
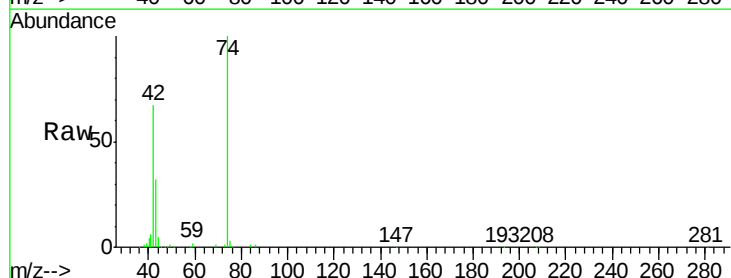
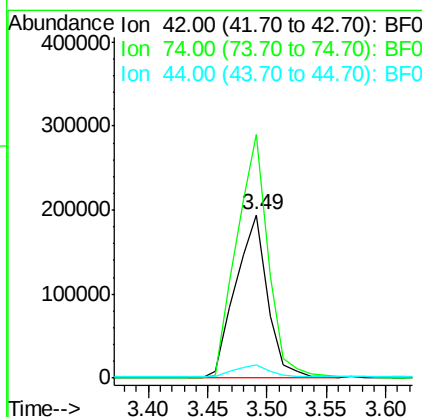
RT: 3.49 min Scan# 101

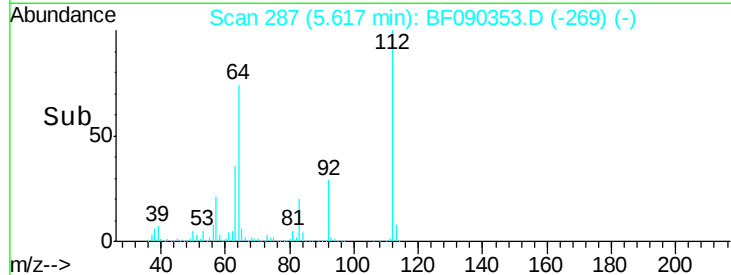
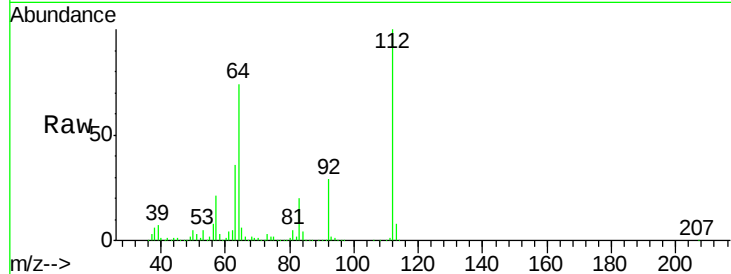
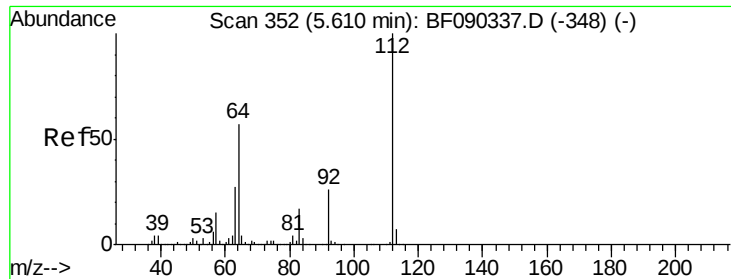
Delta R.T. 0.08 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Tgt Ion:	42	Resp:	365181
Ion Ratio	Lower	Upper	
42	100		
74	148.9	88.9	133.3#
44	8.1	6.5	9.7





#5

2-Fluorophenol

Concen: 124.59 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Tgt Ion:	112	Resp:	2051848
Ion	Ratio	Lower	Upper
112	100		
64	74.0	57.9	86.9
63	35.9	29.6	44.4

Instrument :

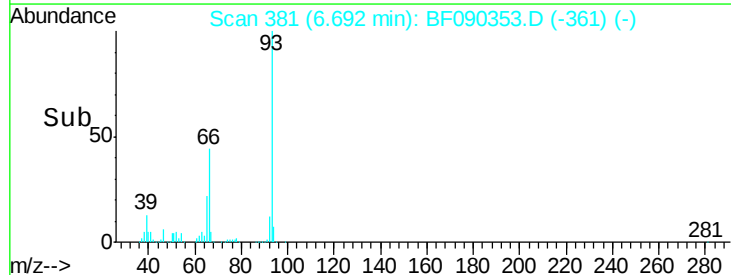
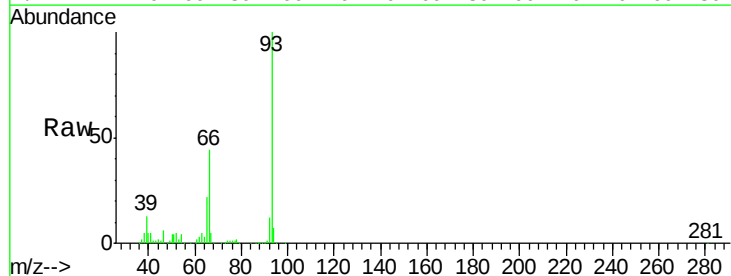
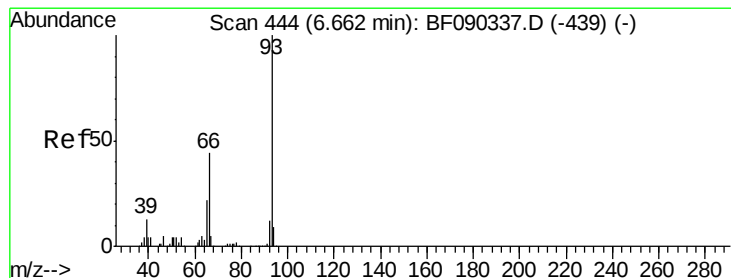
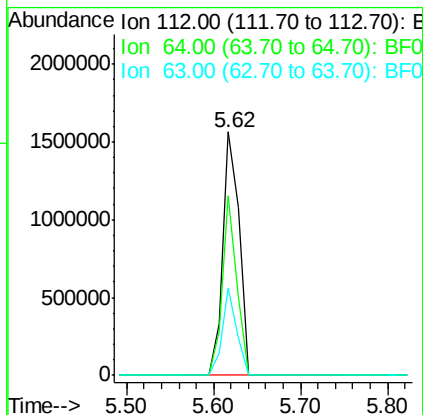
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ClientSampleId :

PB93778BS

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#6

Aniline

Concen: 22.85 ng

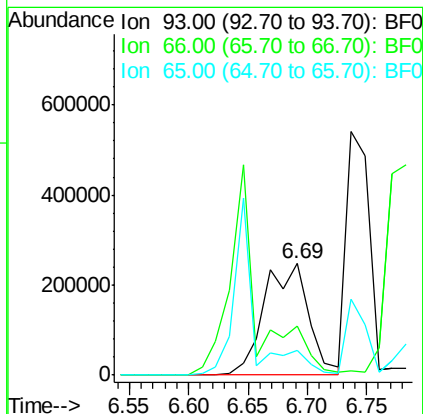
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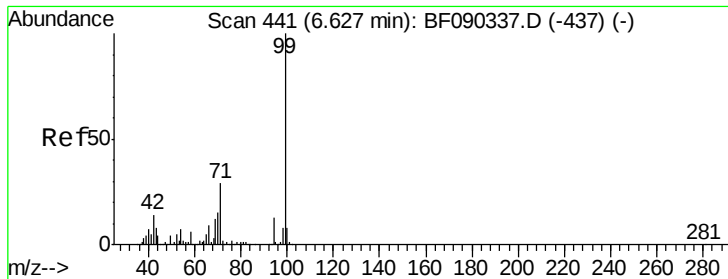
Delta R.T. 0.03 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Tgt Ion:	93	Resp:	646187
Ion	Ratio	Lower	Upper
93	100		
66	43.6	34.5	51.7
65	22.0	18.2	27.2





#7

Phenol-d6

Concen: 134.17 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

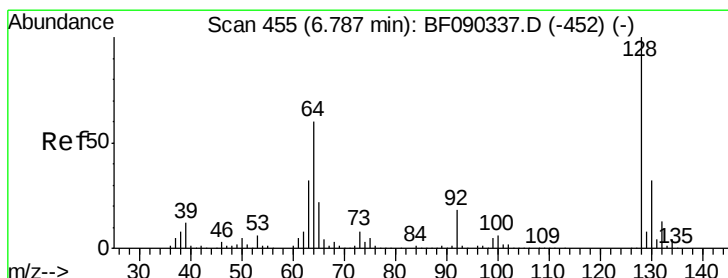
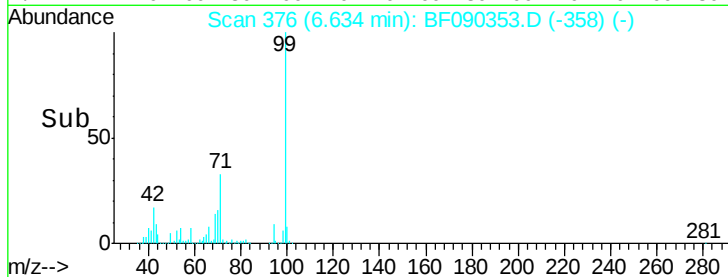
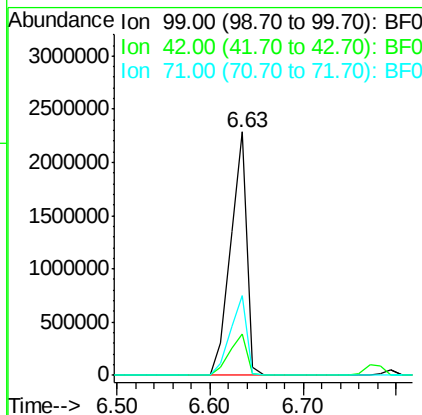
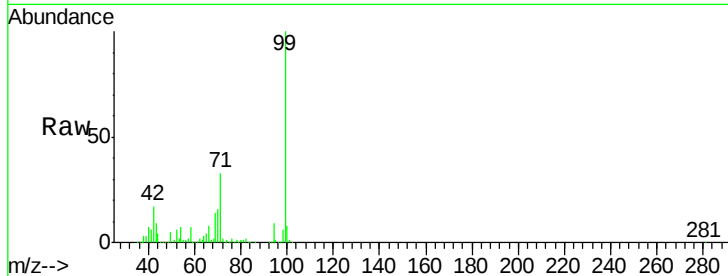
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Tgt Ion: 99 Resp: 2762027

Ion	Ratio	Lower	Upper
99	100		
42	16.8	20.0	30.0#
71	33.0	27.9	41.9

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#8

2-Chlorophenol

Concen: 40.62 ng

RT: 6.79 min Scan# 390

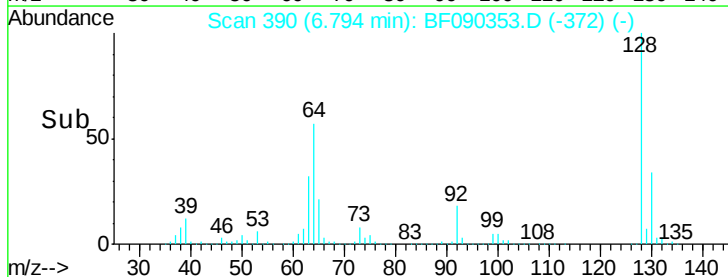
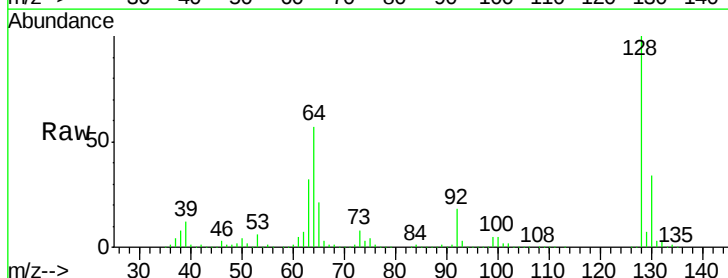
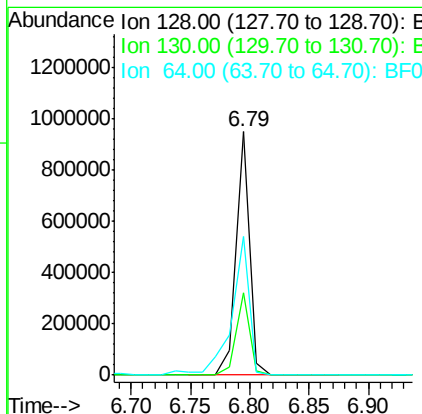
Delta R.T. 0.01 min

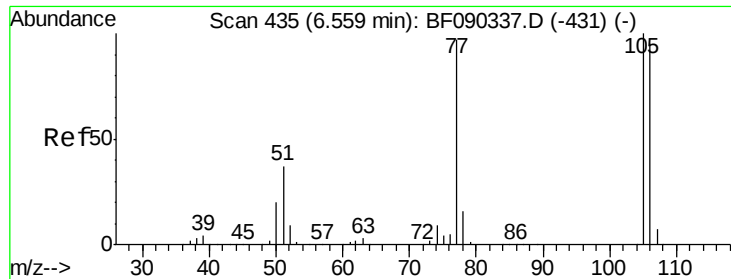
Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Tgt Ion: 128 Resp: 751694

Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.3	53.3
64	56.7	36.0	76.0





#9

Benzaldehyde

Concen: 35.40 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

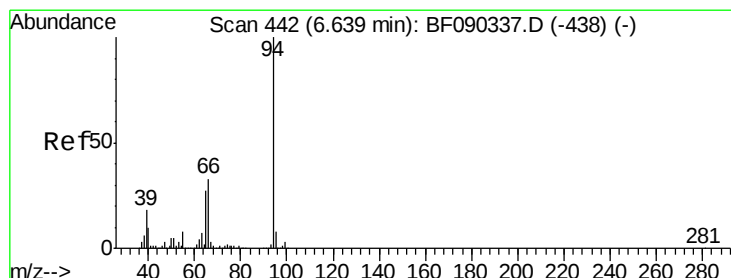
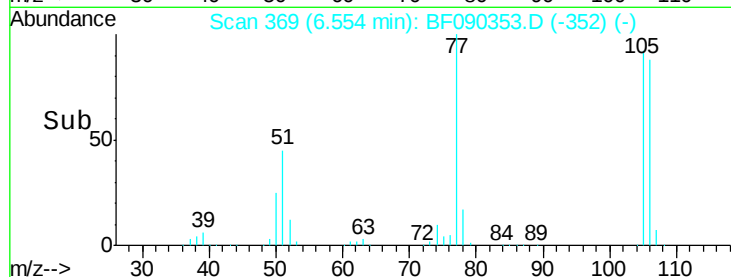
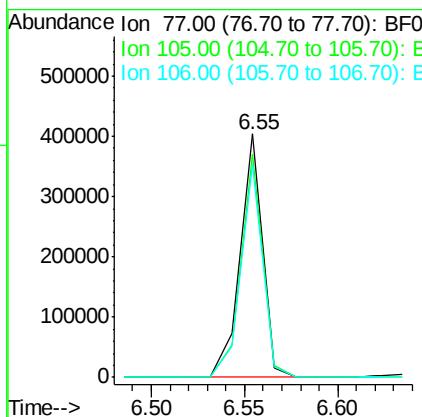
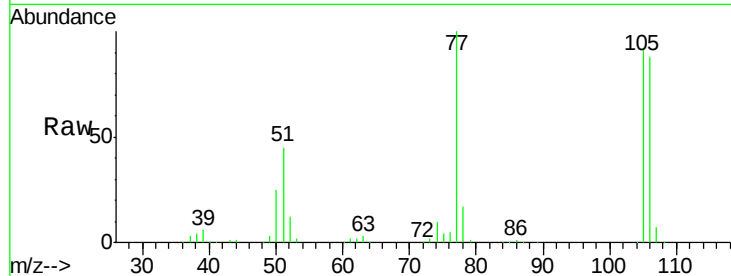
ClientSampled :

PB93778BS

Tgt Ion:	77	Resp:	338229
Ion	Ratio	Lower	Upper
77	100		
105	91.7	73.1	113.1
106	87.5	70.2	110.2

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#10

Phenol

Concen: 45.38 ng

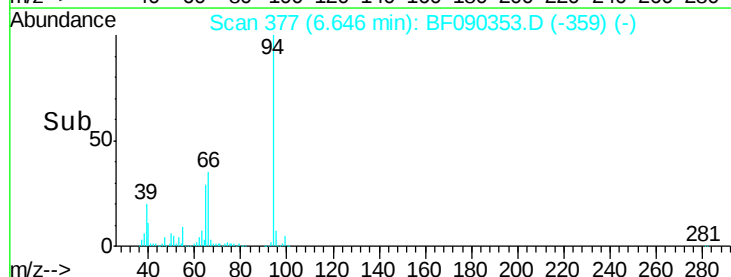
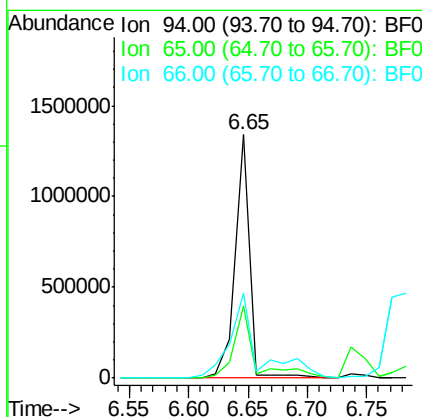
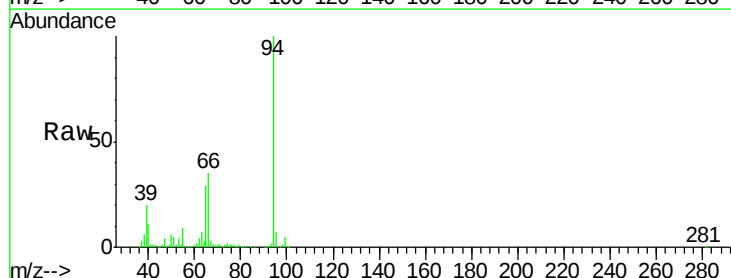
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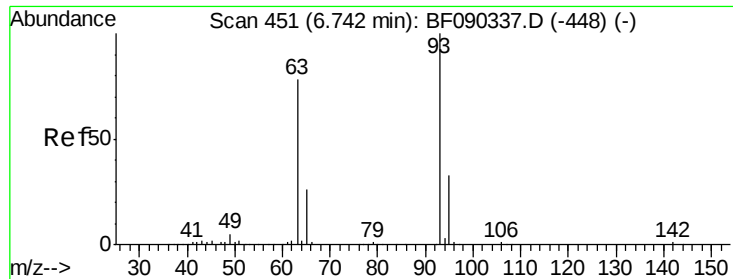
Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Tgt Ion:	94	Resp:	1136168
Ion	Ratio	Lower	Upper
94	100		
65	29.4	13.3	53.3
66	34.9	20.4	60.4





#11

bis(2-Chloroethyl)ether

Concen: 40.53 ng

RT: 6.74 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

Tgt Ion: 93 Resp: 720559
Ion Ratio Lower Upper

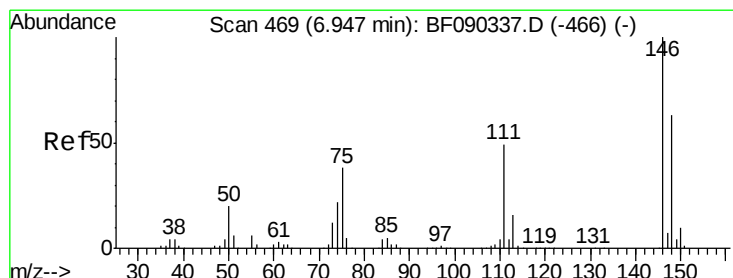
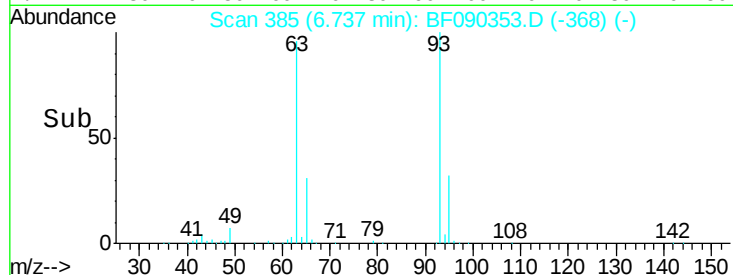
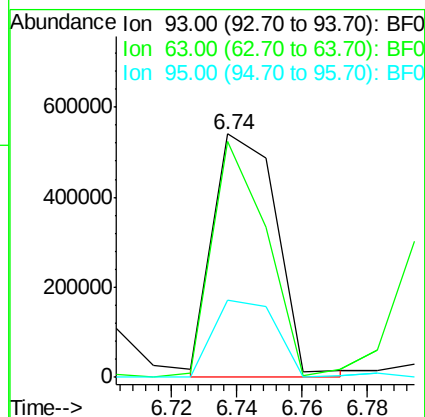
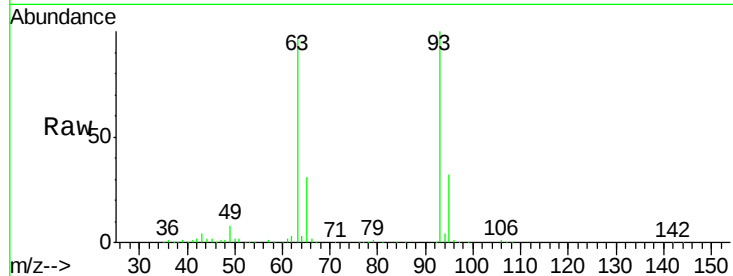
93 100

63 96.7 59.7 99.7

95 31.8 14.0 54.0

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#12

1,3-Dichlorobenzene

Concen: 39.16 ng

RT: 6.95 min Scan# 404

Delta R.T. 0.01 min

Lab File: BF090353.D

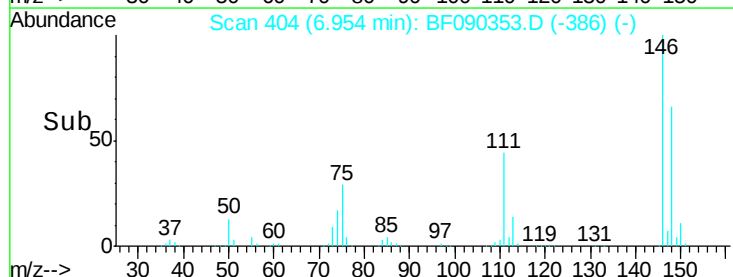
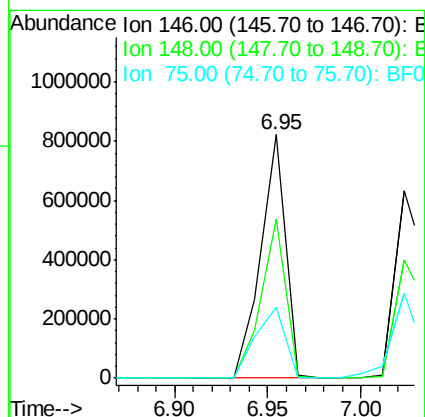
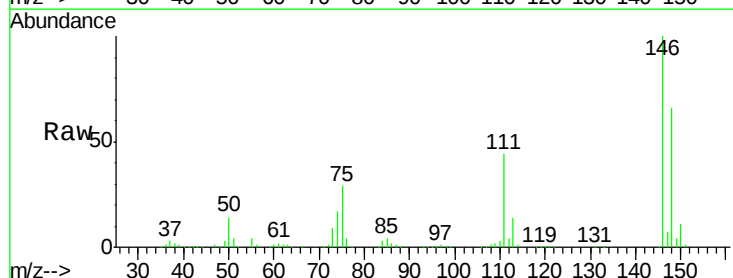
Acq: 4 Oct 2016 20:28

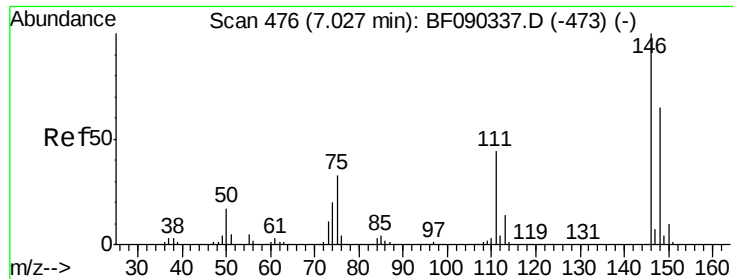
Tgt Ion: 146 Resp: 752710
Ion Ratio Lower Upper

146 100

148 65.6 52.2 78.4

75 28.9 21.4 32.2





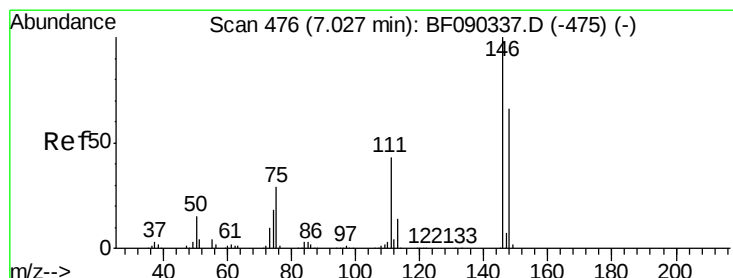
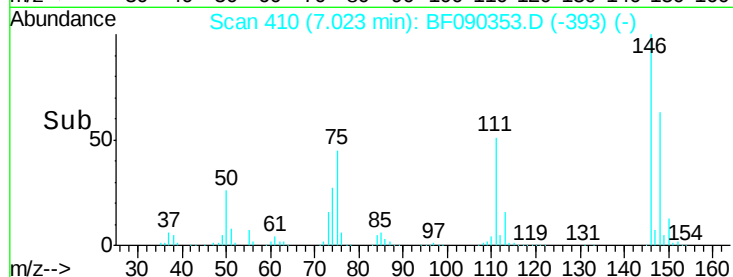
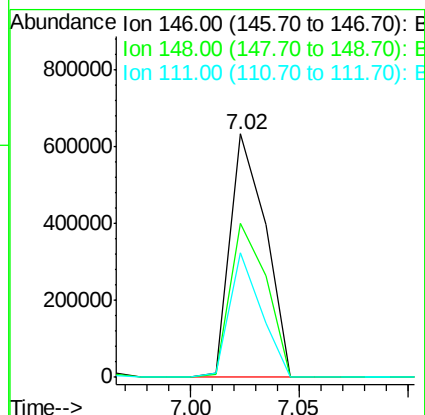
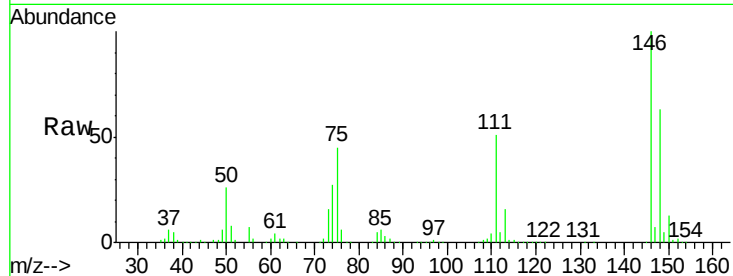
#13
1,4-Dichlorobenzene
Concen: 36.64 ng
RT: 7.02 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB93778BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.1	76.7
111	51.1	37.8	56.6

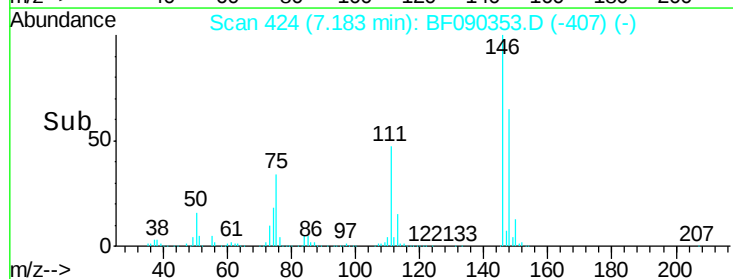
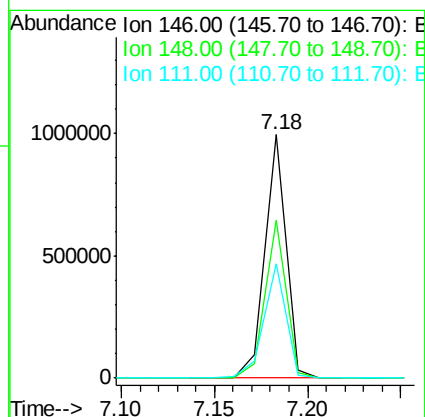
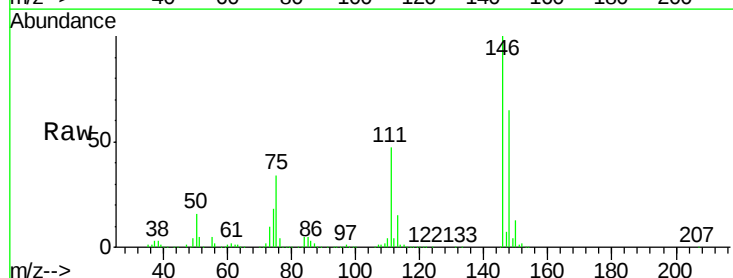
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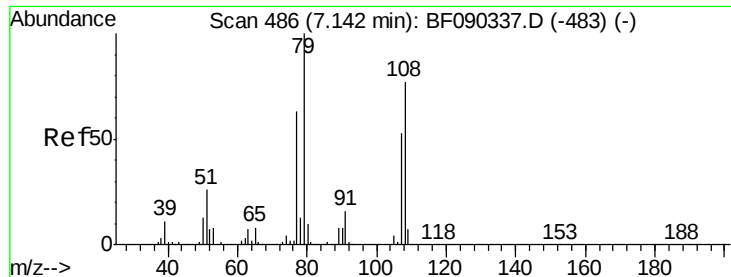
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#14
1,2-Dichlorobenzene
Concen: 41.52 ng
RT: 7.18 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.3	78.5
111	47.2	38.2	57.4





#15

Benzyl Alcohol

Concen: 50.02 ng

RT: 7.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

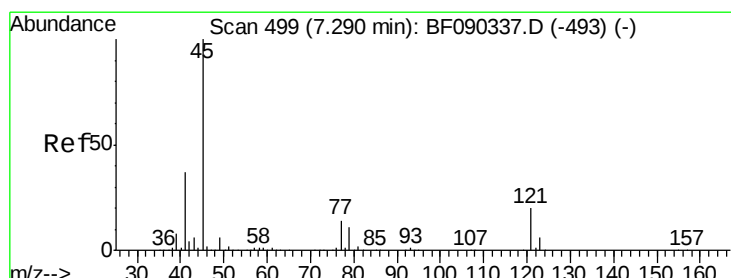
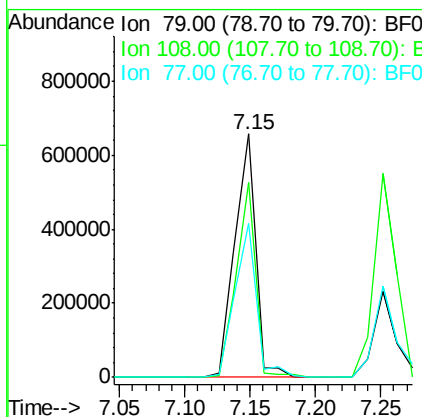
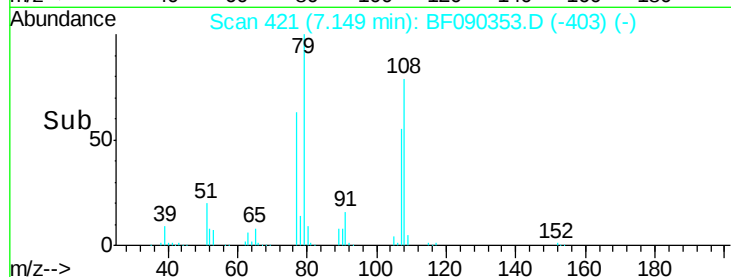
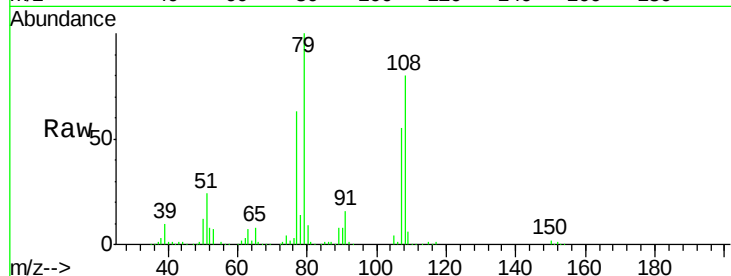
ClientSampleId :

PB93778BS

Tgt Ion:	79	Resp:	725836
Ion Ratio	Lower	Upper	
79	100		
108	79.9	60.9	91.3
77	63.4	51.5	77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.84 ng

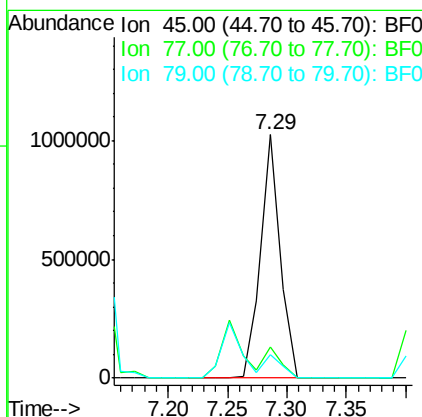
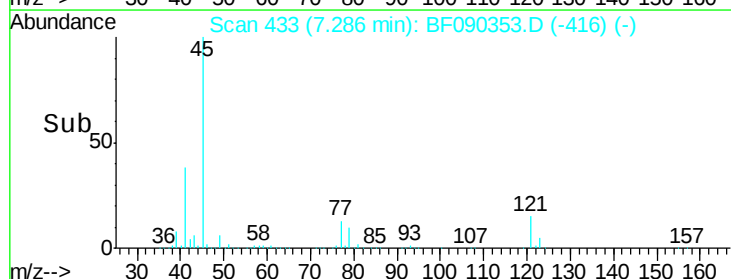
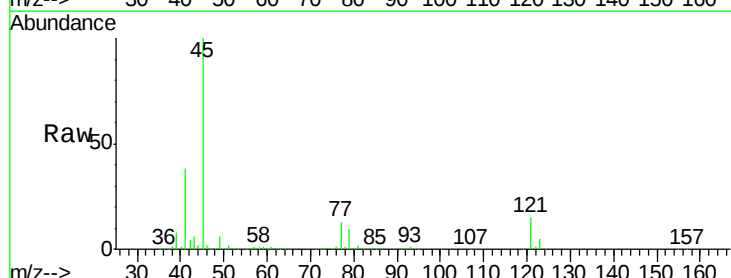
RT: 7.29 min Scan# 433

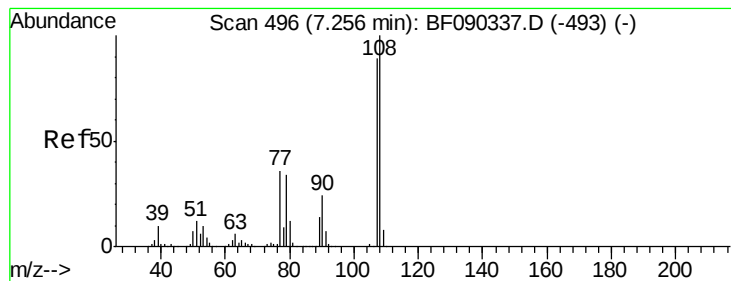
Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

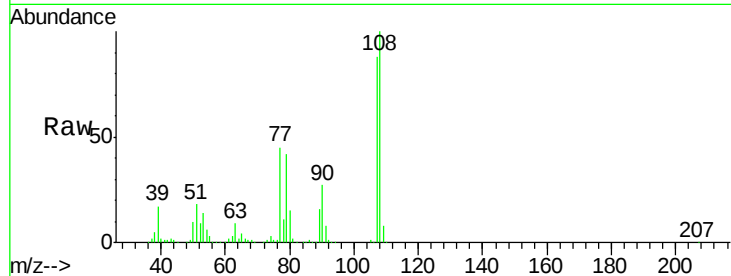
Tgt Ion:	45	Resp:	1191417
Ion Ratio	Lower	Upper	
45	100		
77	12.6	0.0	30.8
79	9.7	0.0	28.2





#17
2-Methylphenol
Concen: 39.61 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

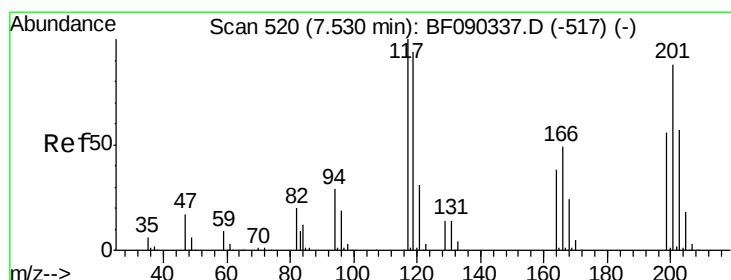
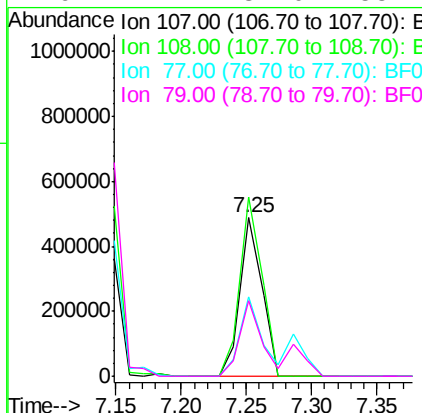
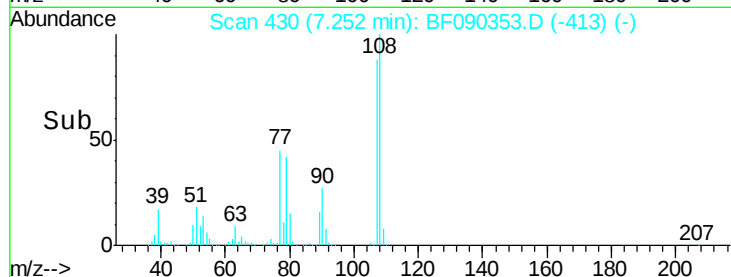
Instrument :
BNA_F
ClientSampleId :
PB93778BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	567783		
108	113.4	90.9	136.3	
77	50.5	38.2	57.4	
79	47.7	37.0	55.4	

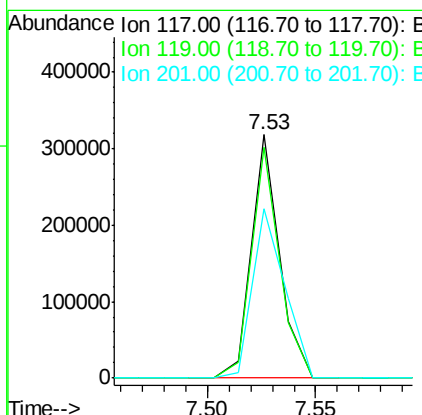
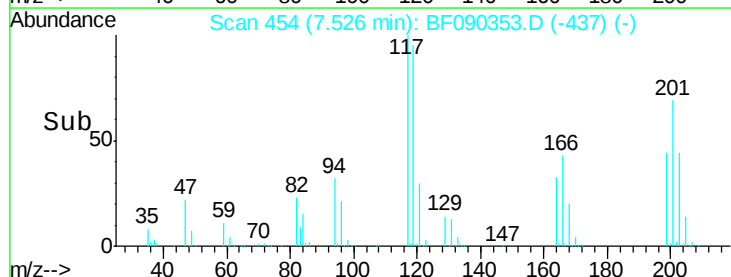
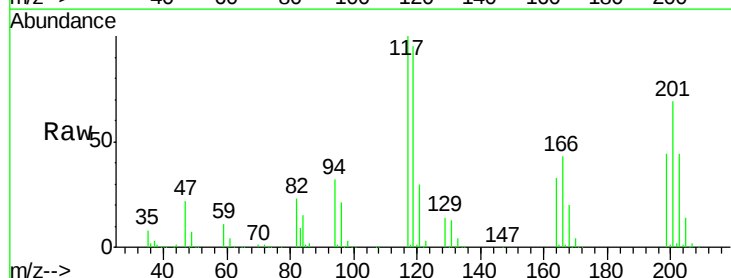
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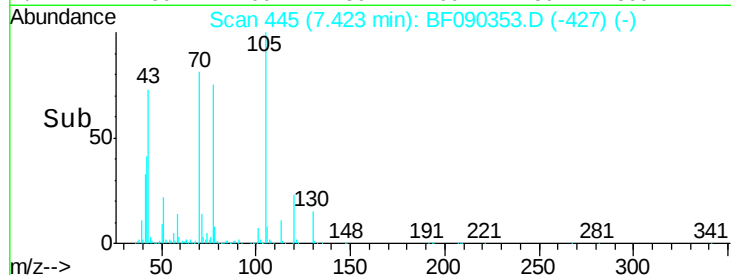
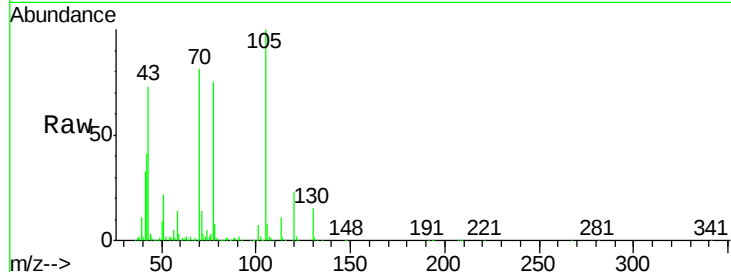
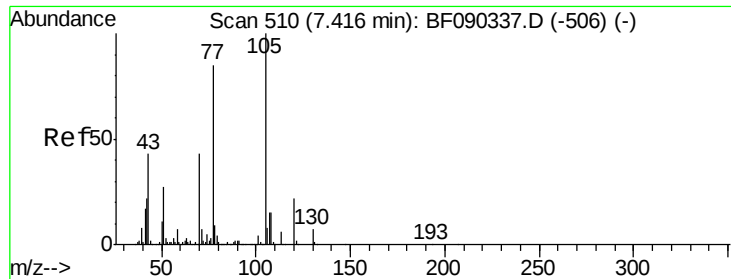
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#18
Hexachloroethane
Concen: 40.21 ng
RT: 7.53 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	283957		
119	94.9	75.9	113.9	
201	69.5	66.5	99.7	





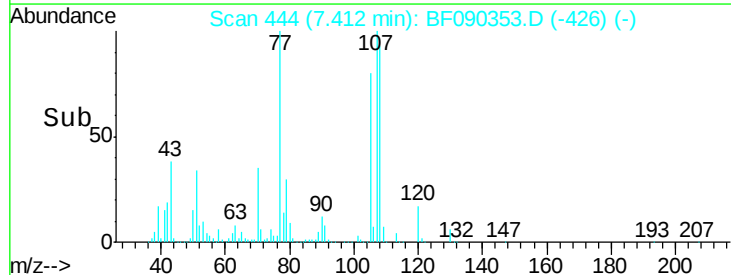
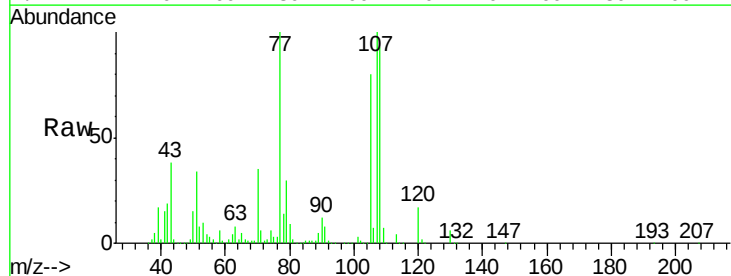
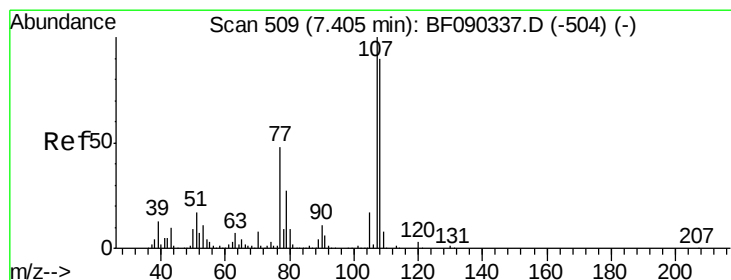
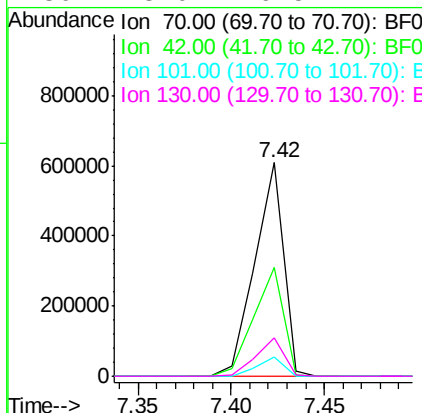
#19
n-Nitroso-di-n-propylamine
Concen: 49.20 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB93778BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	646814		
42	50.8	55.4	83.2#	
101	8.8	7.6	11.4	
130	18.0	16.5	24.7	

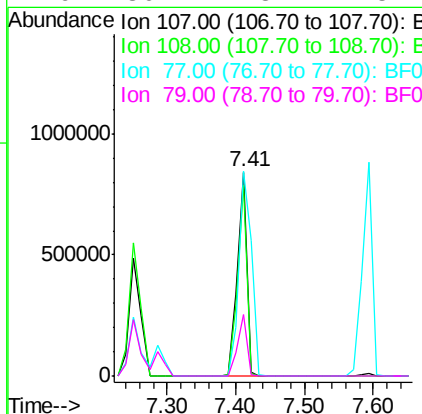
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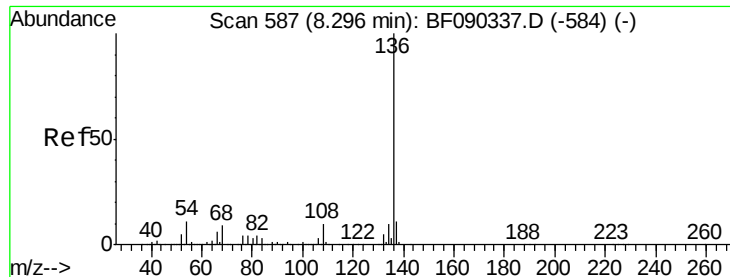
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#20
3+4-Methylphenols
Concen: 45.21 ng
RT: 7.41 min Scan# 444
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	823952		
108	93.4	66.7	106.7	
77	100.4	53.7	93.7#	
79	30.2	8.4	48.4	





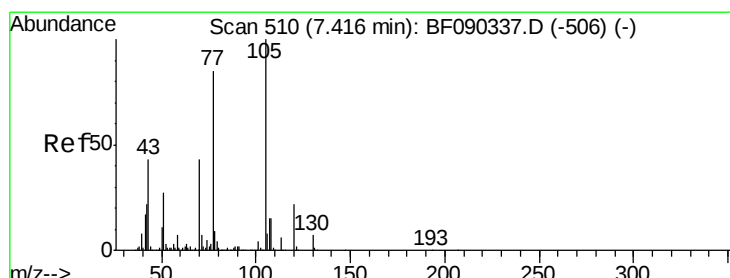
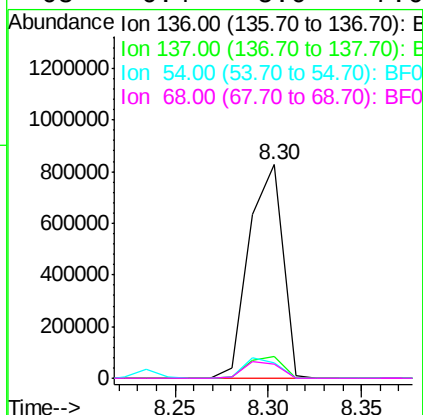
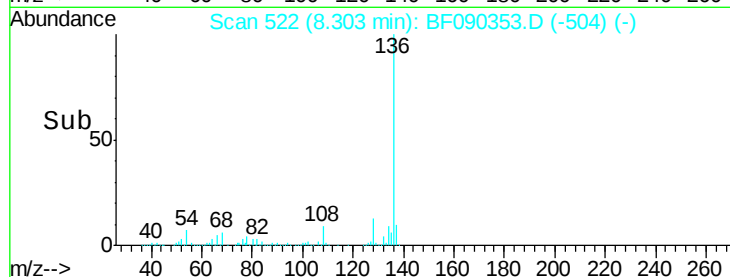
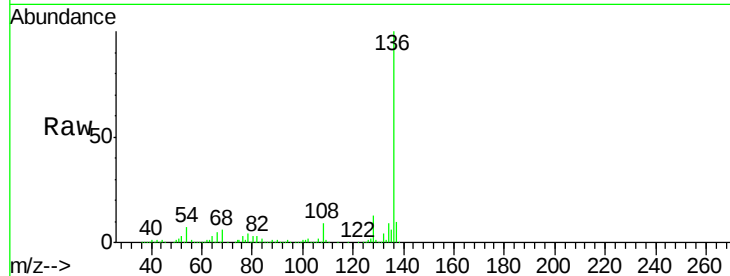
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.30 min Scan# 522
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB93778BS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	7.0	6.6	10.0
68	6.4	5.0	7.6

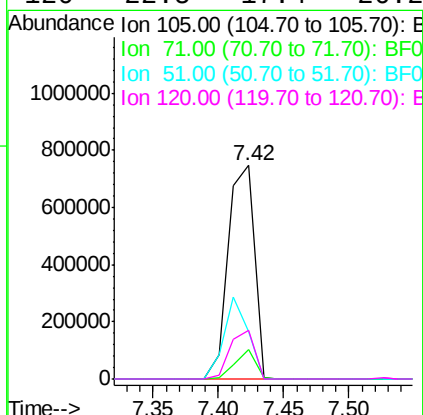
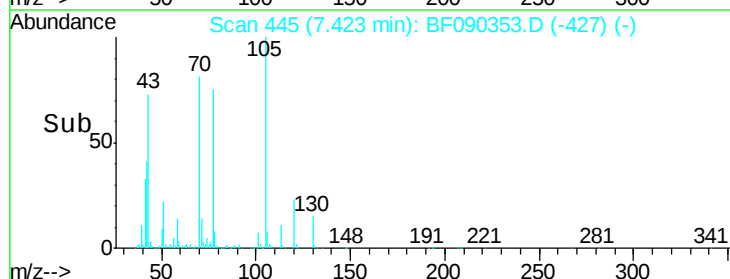
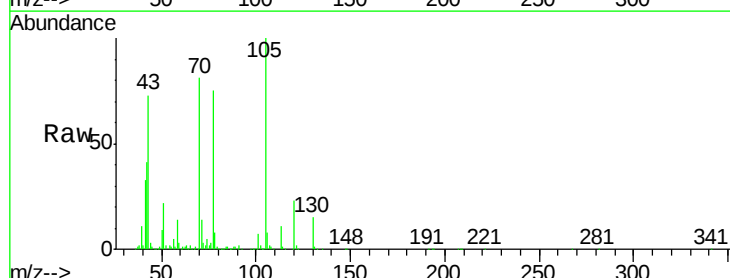
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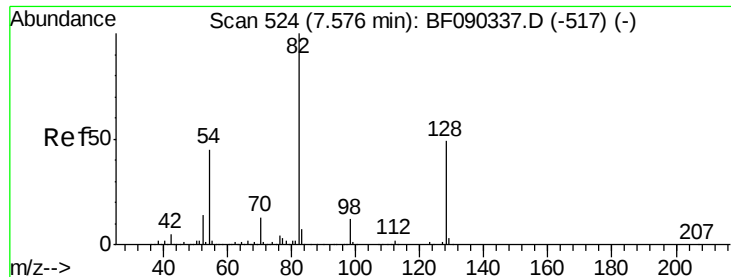
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#22
Acetophenone
Concen: 43.47 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Lower	Upper
105	100		
71	14.0	3.8	5.6#
51	22.1	28.2	42.4#
120	22.5	17.4	26.2





#23

Nitrobenzene-d5

Concen: 97.00 ng

RT: 7.57 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

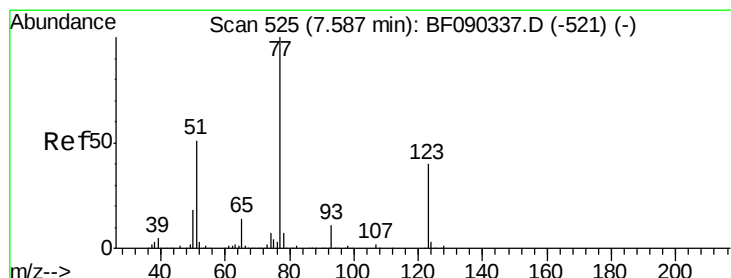
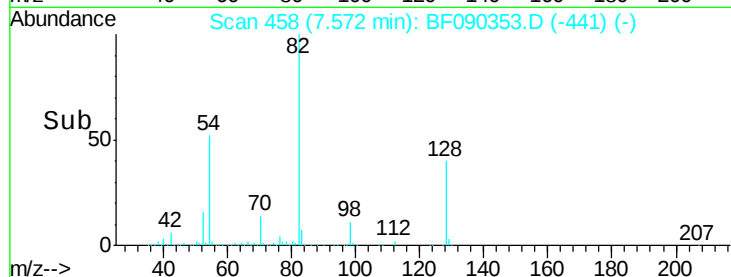
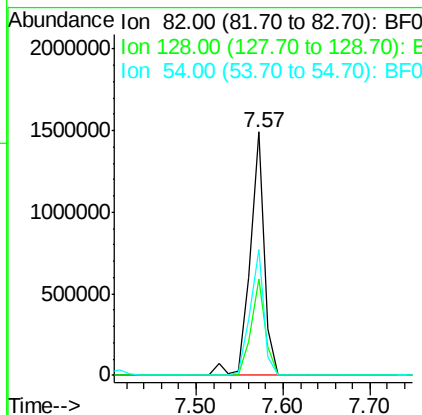
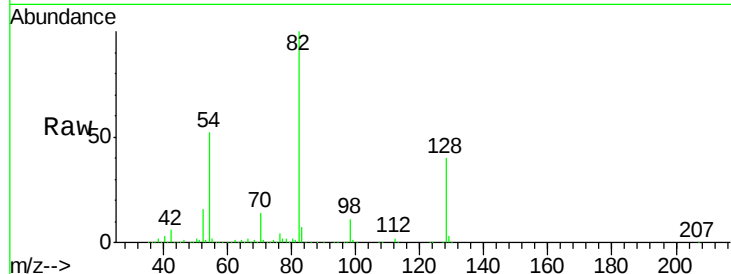
ClientSampleId :

PB93778BS

Tgt Ion:	82	Resp:	1718587
Ion	Ratio	Lower	Upper
82	100		
128	39.7	40.0	60.0#
54	51.9	42.6	64.0

Manual Integrations
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#24

Nitrobenzene

Concen: 47.22 ng

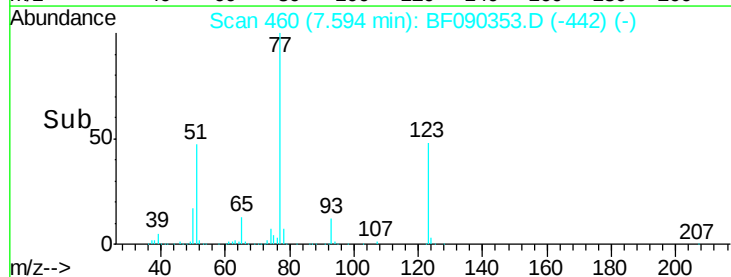
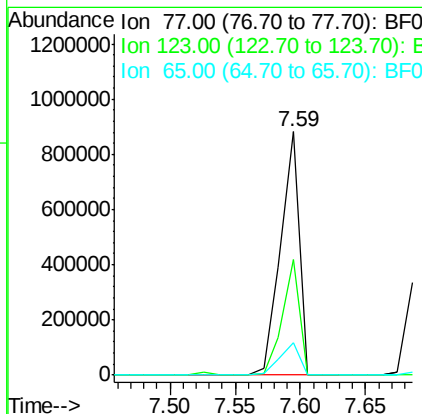
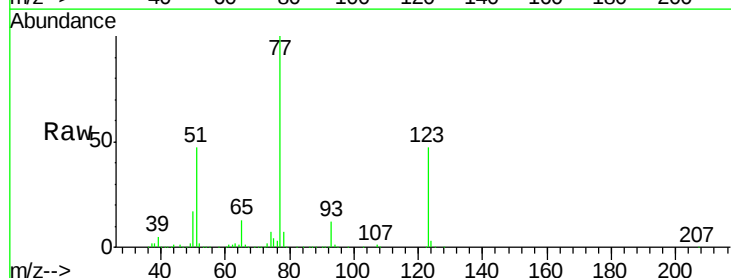
RT: 7.59 min Scan# 460

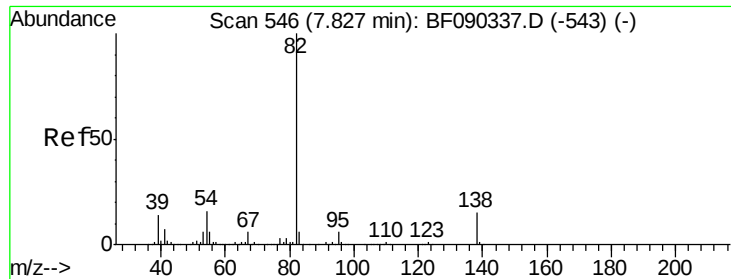
Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Tgt Ion:	77	Resp:	893265
Ion	Ratio	Lower	Upper
77	100		
123	47.4	33.0	49.4
65	13.2	12.0	18.0





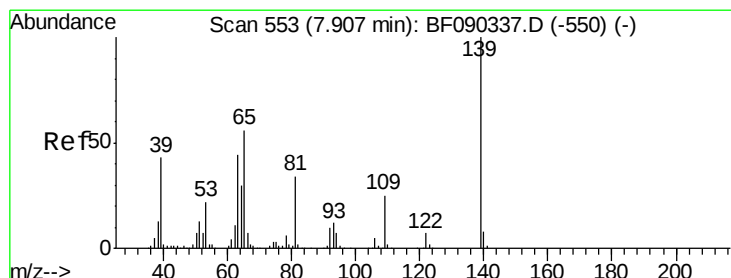
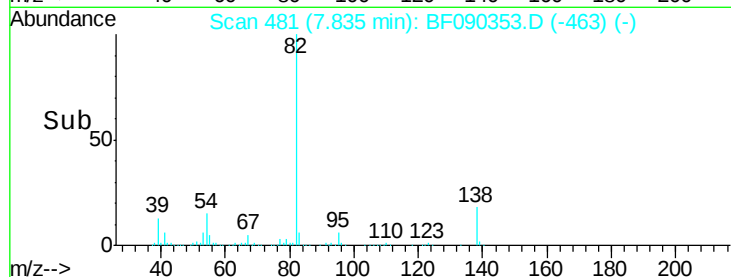
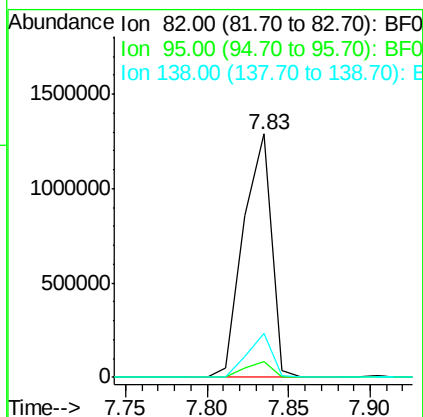
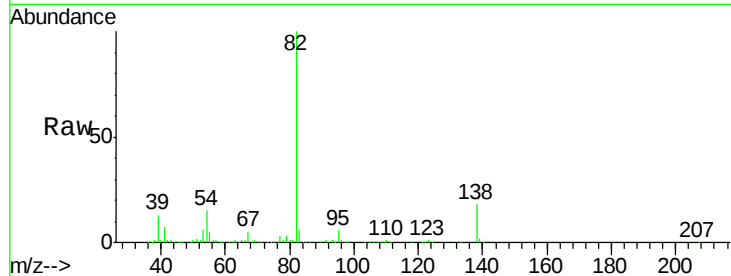
#25
Isophorone
Concen: 45.47 ng
RT: 7.83 min Scan# 481
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB93778BS

Tgt Ion: 82 Resp: 1532485
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 18.1 13.0 19.4

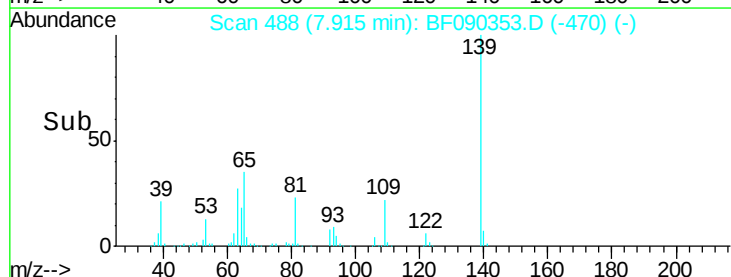
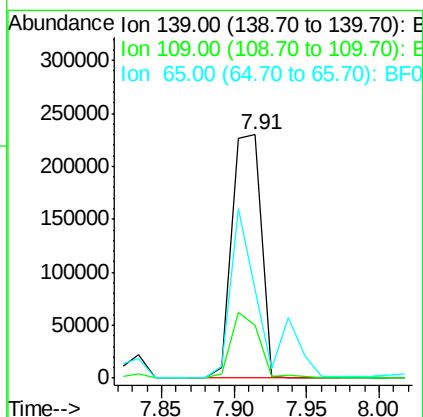
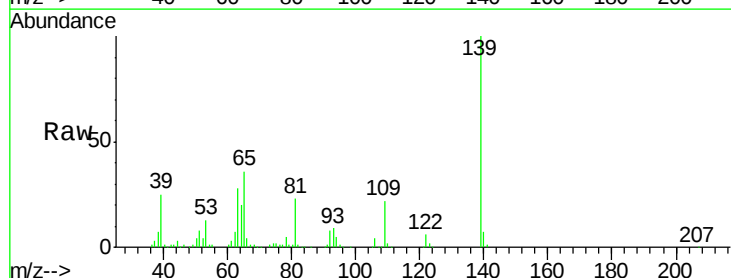
Manual Integrations
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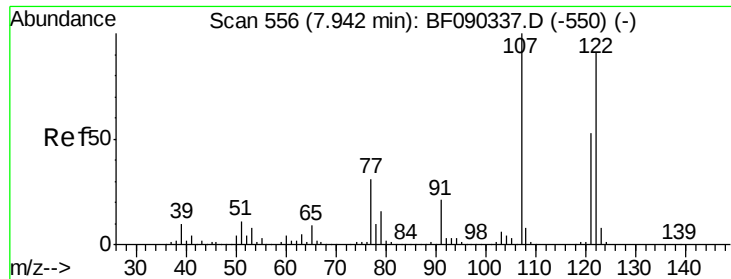
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#26
2-Nitrophenol
Concen: 44.03 ng
RT: 7.91 min Scan# 488
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion: 139 Resp: 321379
Ion Ratio Lower Upper
139 100
109 21.7 18.9 28.3
65 36.3 31.6 47.4





#27

2,4-Dimethylphenol

Concen: 38.01 ng

RT: 7.94 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

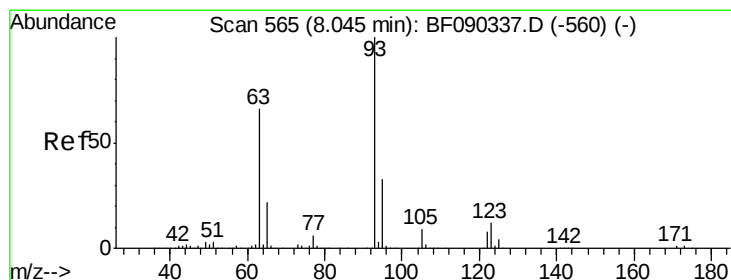
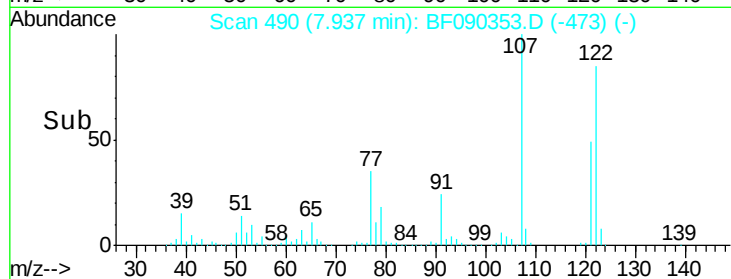
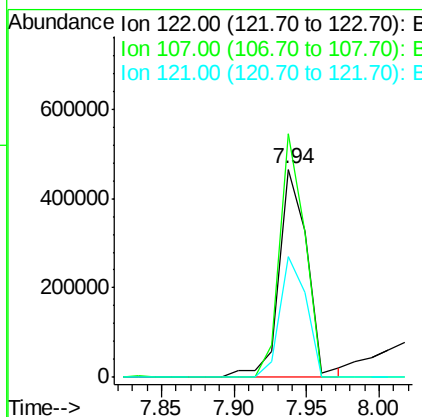
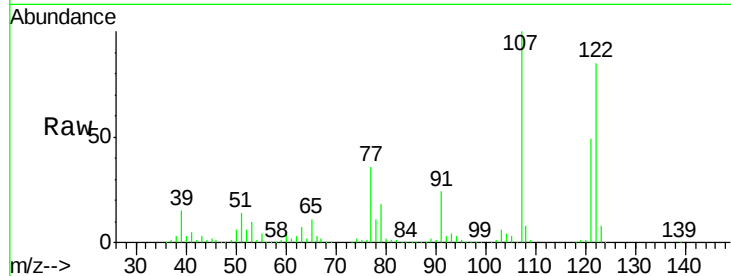
ClientSampleId :

PB93778BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	625944		
107	117.1	88.6	132.8	
121	58.0	47.5	71.3	

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#28

bis(2-Chloroethoxy)methane

Concen: 42.42 ng

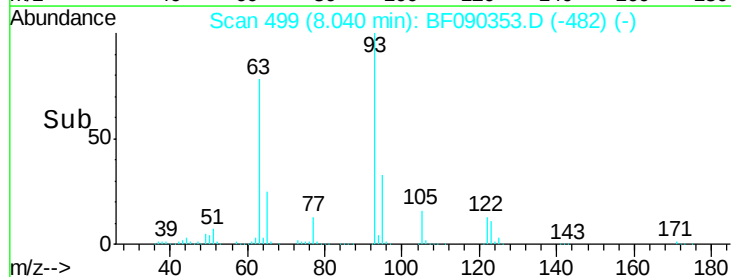
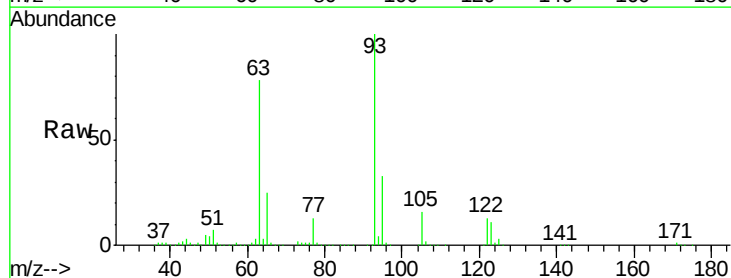
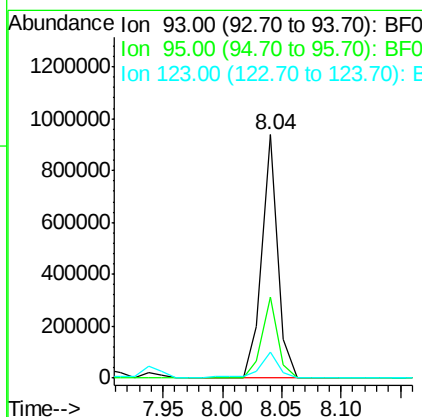
RT: 8.04 min Scan# 499

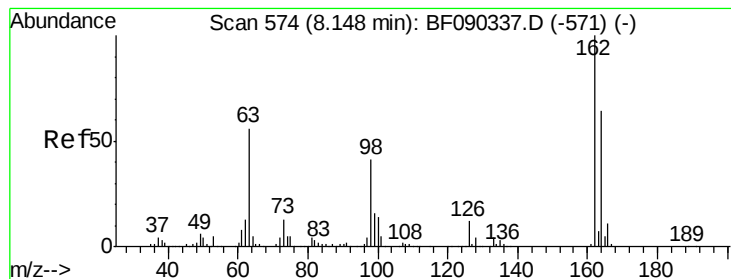
Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	887818		
95	33.3	27.0	40.4	
123	10.9	11.1	16.7	





#29

2,4-Dichlorophenol

Concen: 38.15 ng

RT: 8.15 min Scan# 509

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

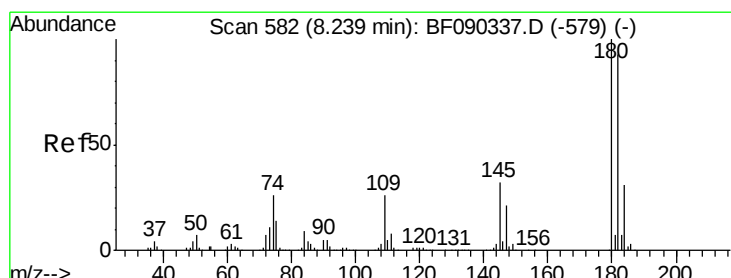
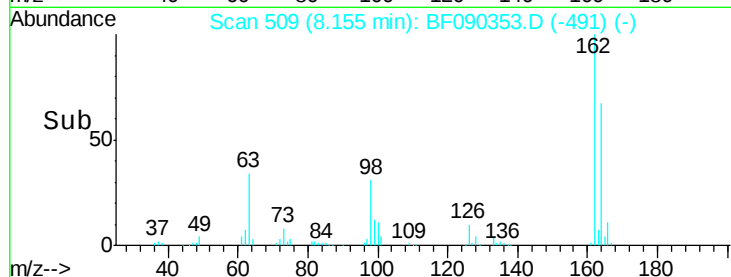
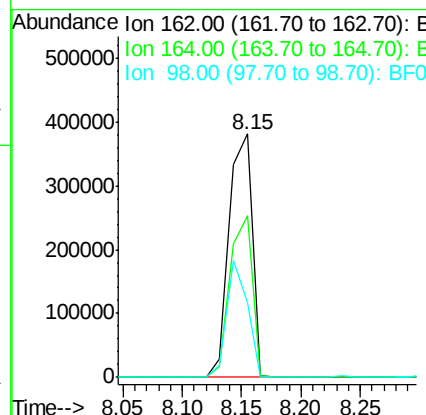
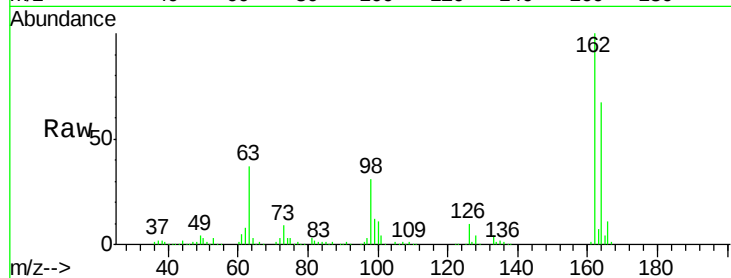
ClientSampled :

PB93778BS

Tgt Ion:	162	Resp:	514320
Ion Ratio	Lower	Upper	
162	100		
164	66.6	45.7	85.7
98	30.9	13.3	53.3

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#30

1,2,4-Trichlorobenzene

Concen: 36.88 ng

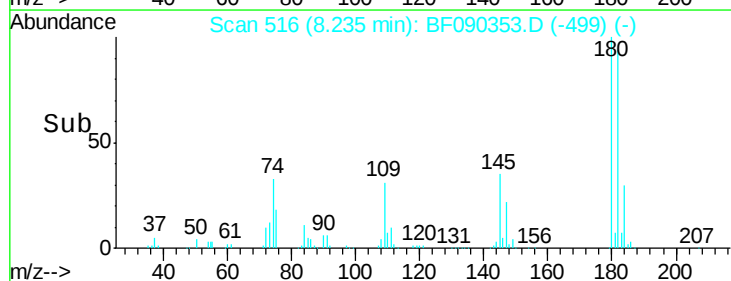
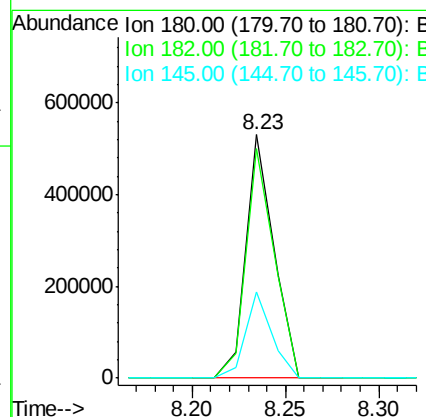
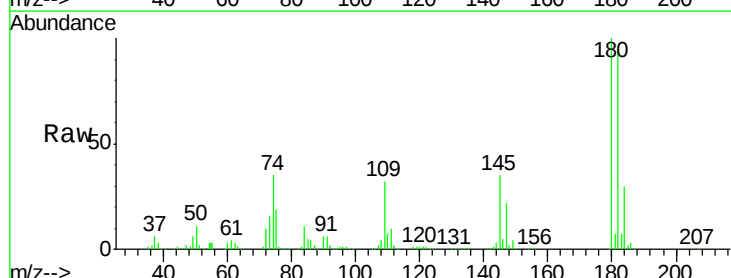
RT: 8.23 min Scan# 516

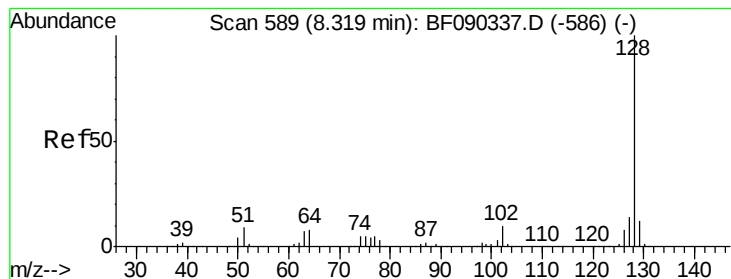
Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Tgt Ion:	180	Resp:	556934
Ion Ratio	Lower	Upper	
180	100		
182	94.2	75.3	112.9
145	35.4	27.7	41.5





#31

Naphthalene

Concen: 39.02 ng

RT: 8.31 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

Tgt Ion:128 Resp: 1926120

Ion Ratio Lower Upper

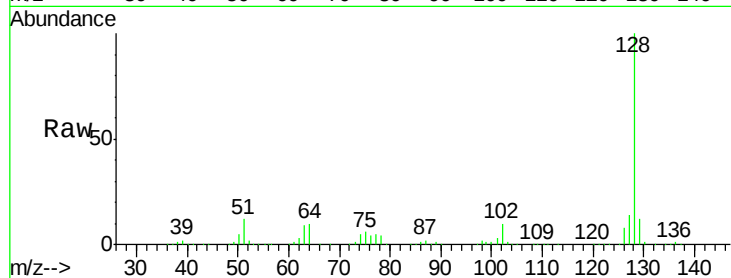
128 100

129 12.0 9.7 14.5

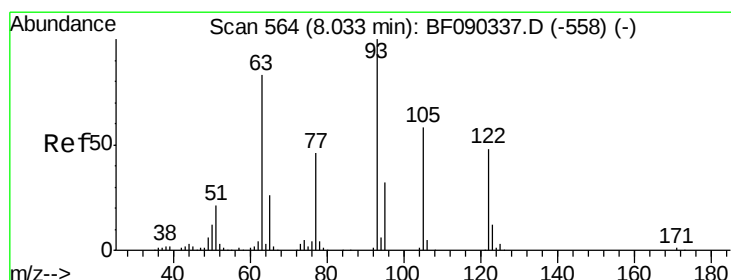
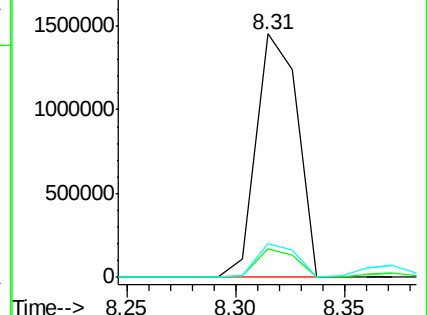
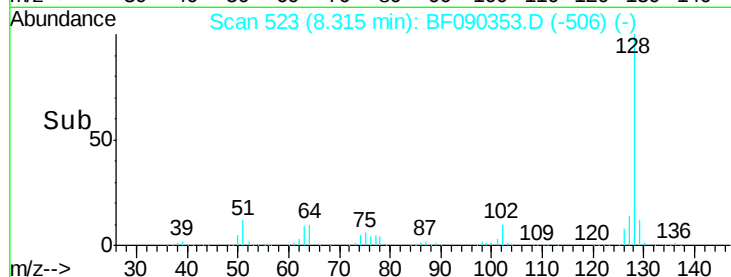
127 13.6 11.7 17.5

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Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.25 ng

RT: 8.04 min Scan# 499

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

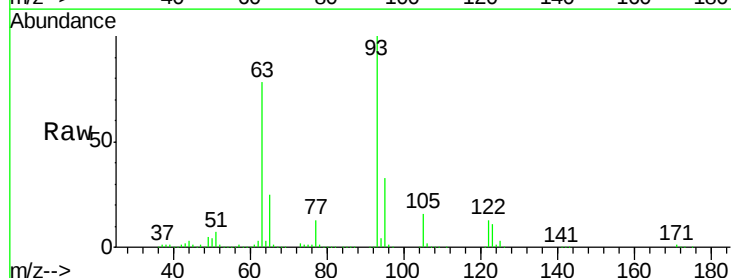
Tgt Ion:122 Resp: 320872

Ion Ratio Lower Upper

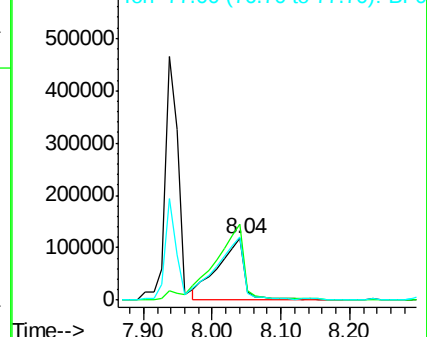
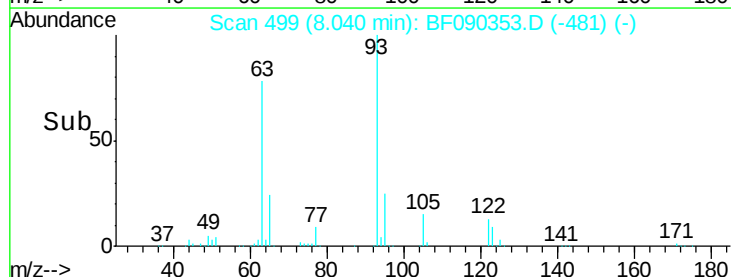
122 100

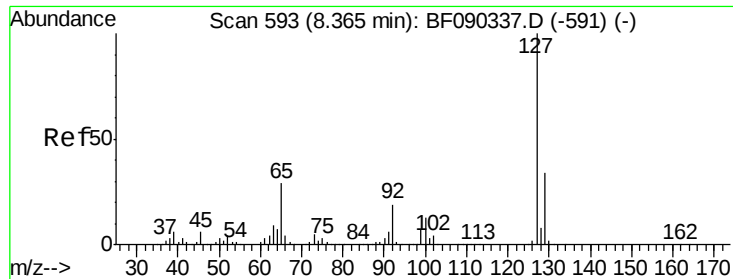
105 124.0 103.9 143.9

77 102.8 74.6 114.6



Abundance Ion 122.00 (121.70 to 122.70): E
600000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





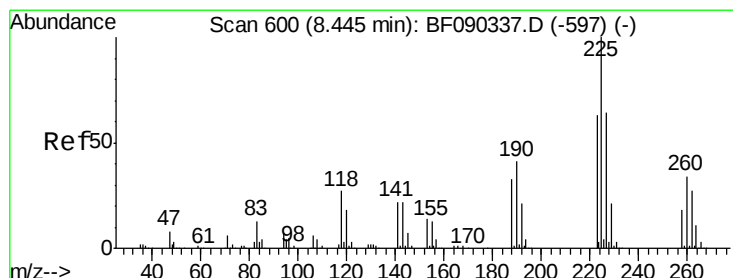
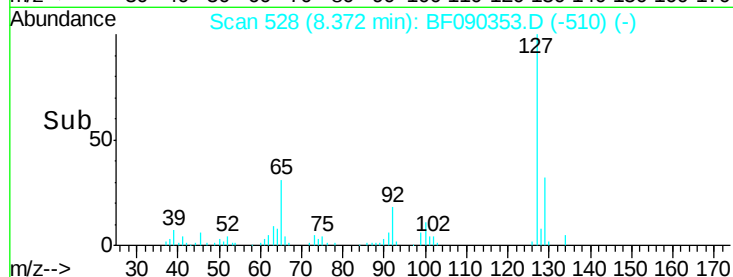
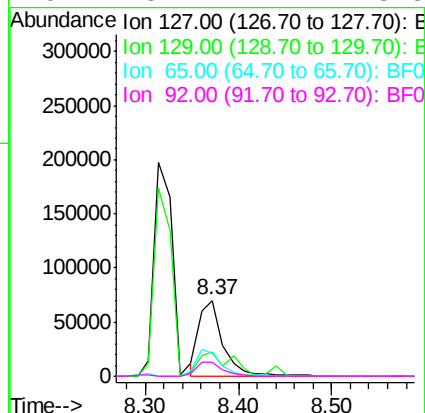
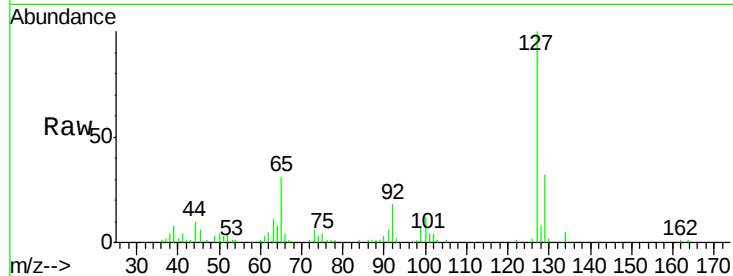
#33
4-Chloroaniline
Concen: 6.47 ng
RT: 8.37 min Scan# 528
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB93778BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.5	26.2	39.4
65	30.8	32.5	48.7
92	18.2	17.2	25.8

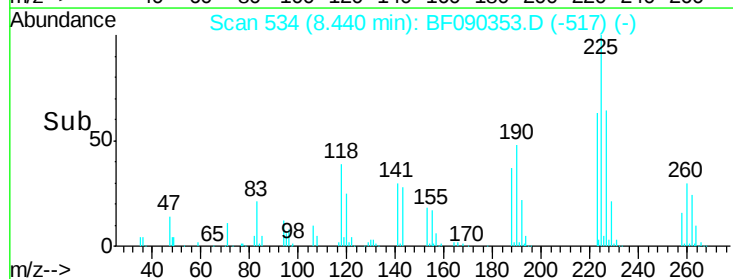
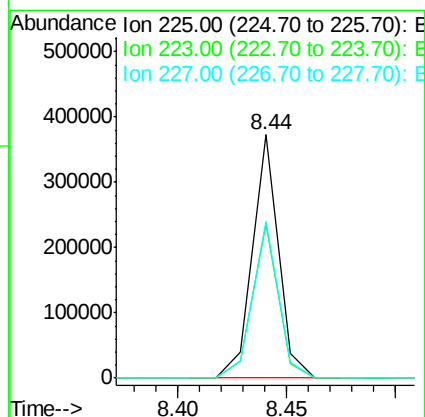
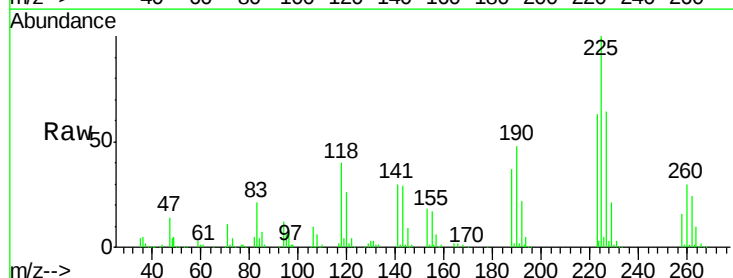
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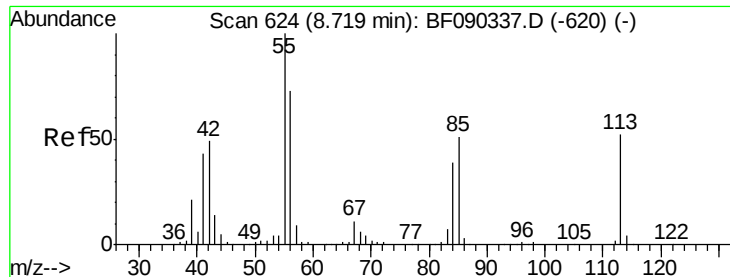
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#34
Hexachlorobutadiene
Concen: 34.79 ng
RT: 8.44 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.2	51.0	76.4
227	64.2	50.8	76.2





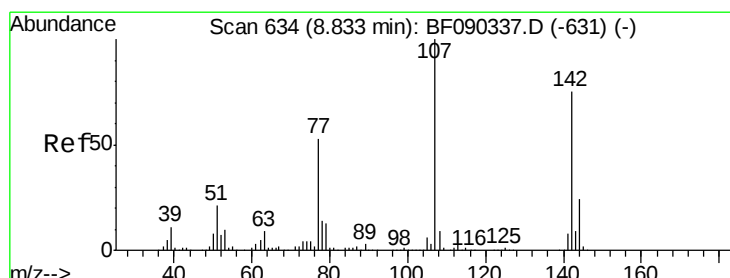
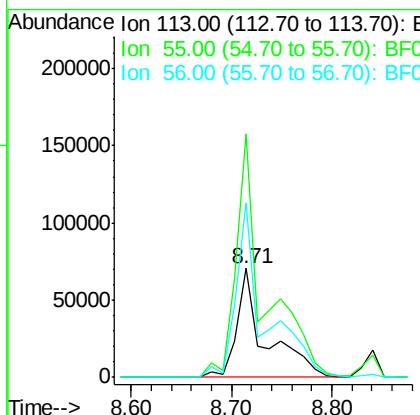
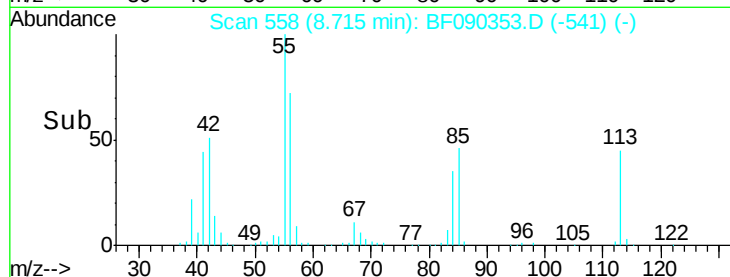
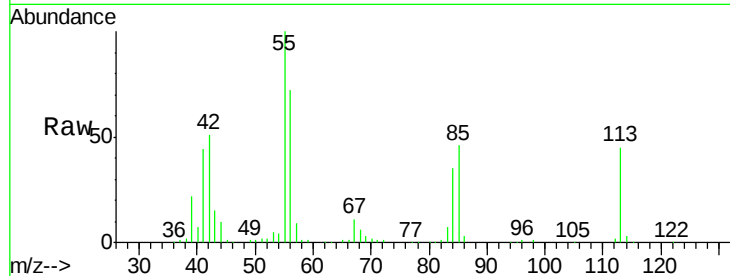
#35
 Caprolactam
 Concen: 39.15 ng
 RT: 8.71 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93778BS

Tgt Ion:113 Resp: 138032
 Ion Ratio Lower Upper
 113 100
 55 224.2 203.3 243.3
 56 161.3 140.5 180.5

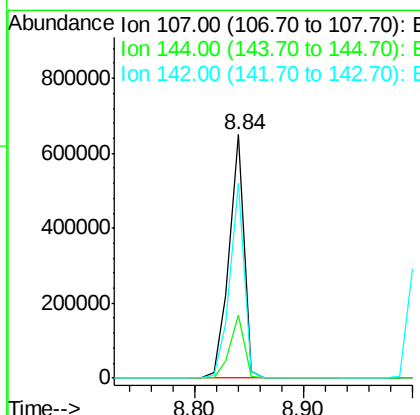
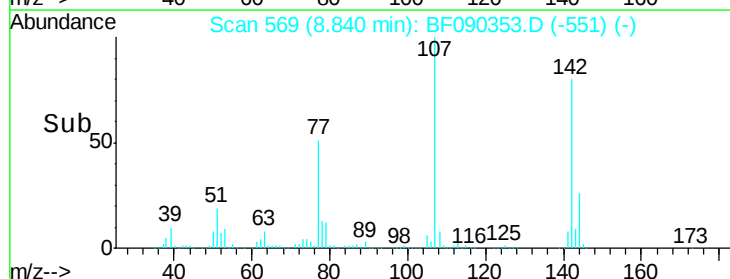
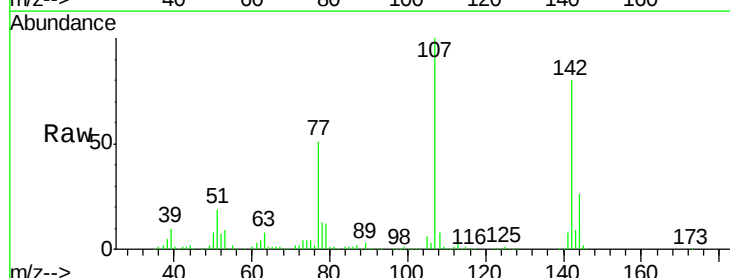
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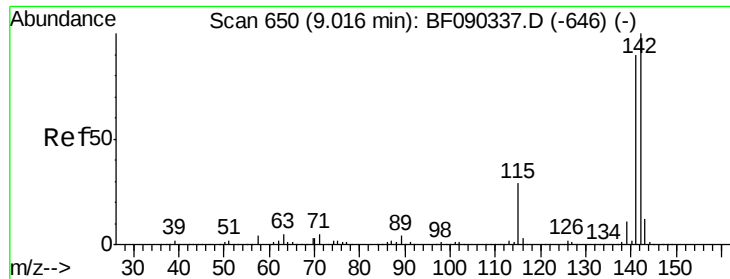
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#36
 4-Chloro-3-methylphenol
 Concen: 42.87 ng
 RT: 8.84 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Tgt Ion:107 Resp: 620653
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.8 29.8
 142 79.9 60.7 91.1





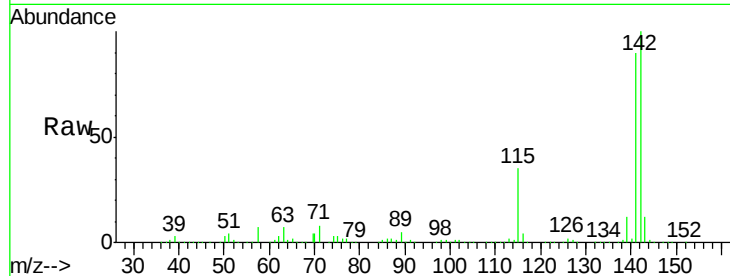
#37
2-Methylnaphthalene
Concen: 42.30 ng
RT: 9.01 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB93778BS

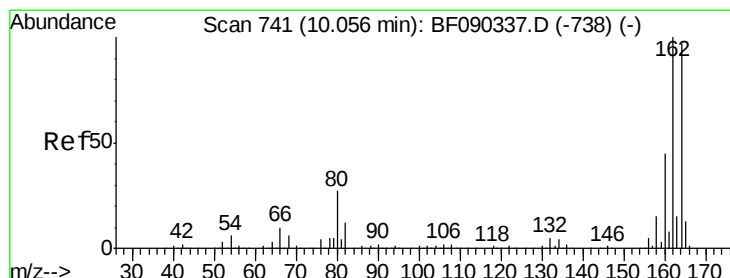
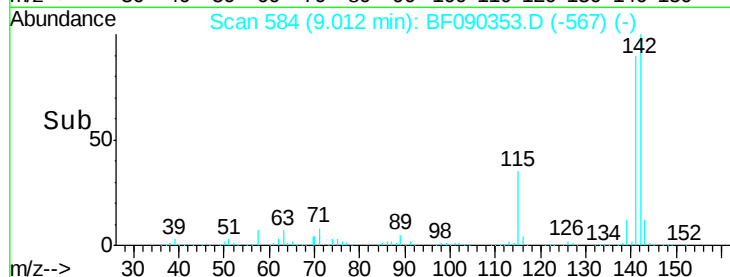
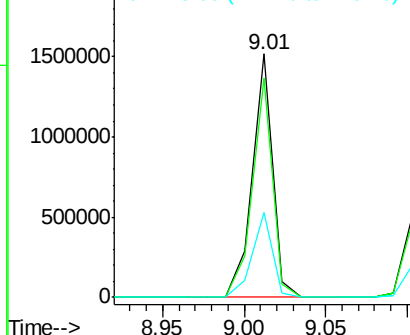
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.8	107.8
115	35.1	28.8	43.2

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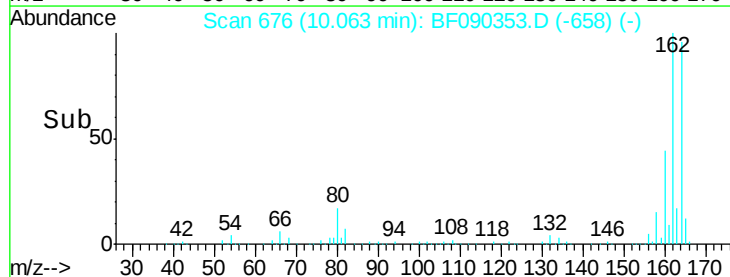
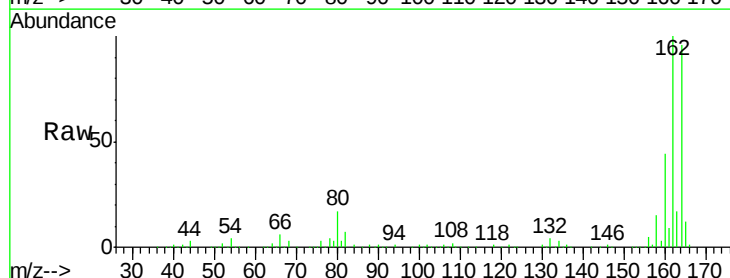
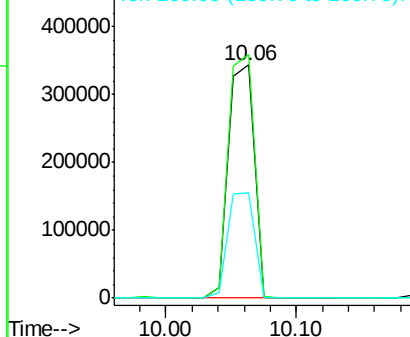
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

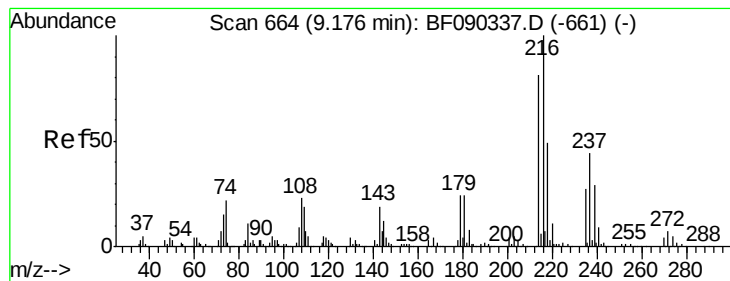


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.06 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	80.1	120.1
160	45.5	36.3	54.5

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.05 ng

RT: 9.18 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

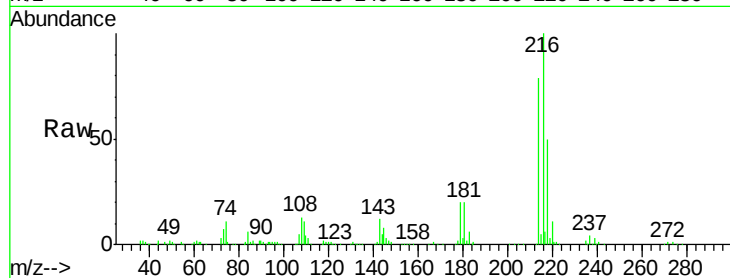
ClientSampleId :

PB93778BS

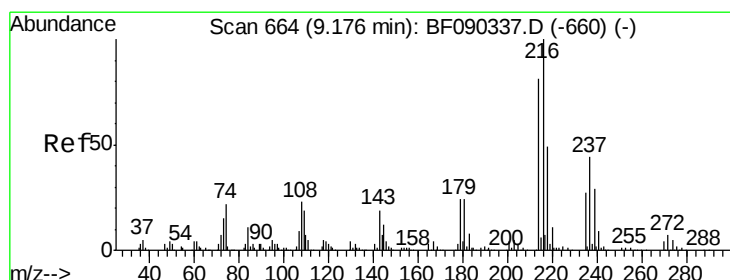
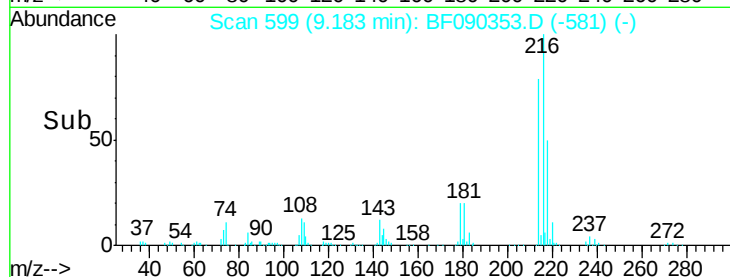
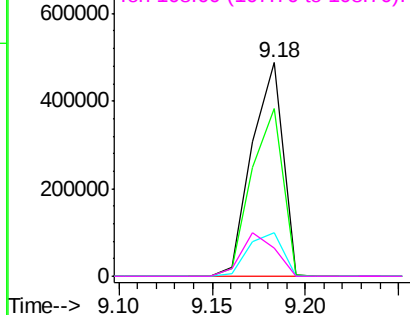
Tgt Ion:	216	Resp:	560343
Ion Ratio	Lower	Upper	
216	100		
214	79.5	64.2	96.2
179	22.4	18.0	27.0
108	22.3	15.2	22.8

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



#40

Hexachlorocyclopentadiene

Concen: 73.03 ng

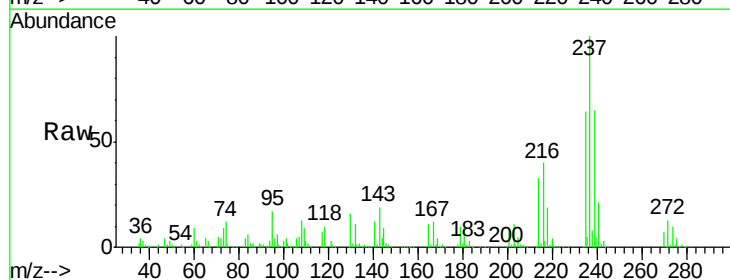
RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

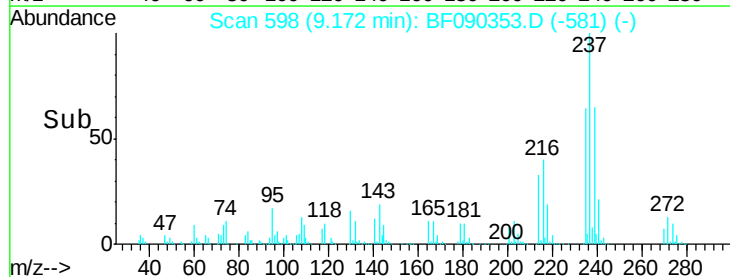
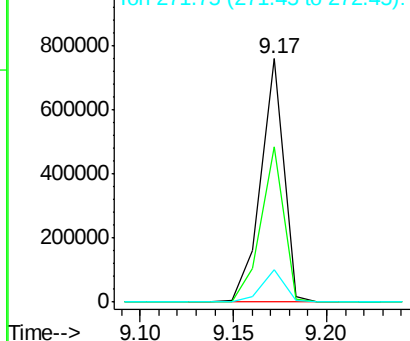
Lab File: BF090353.D

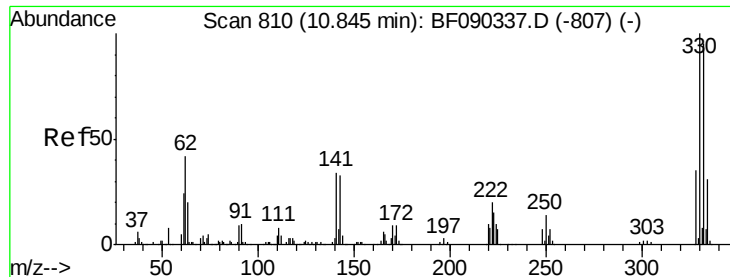
Acq: 4 Oct 2016 20:28

Tgt Ion:	237	Resp:	647588
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.6	83.6
272	13.1	0.0	32.7



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





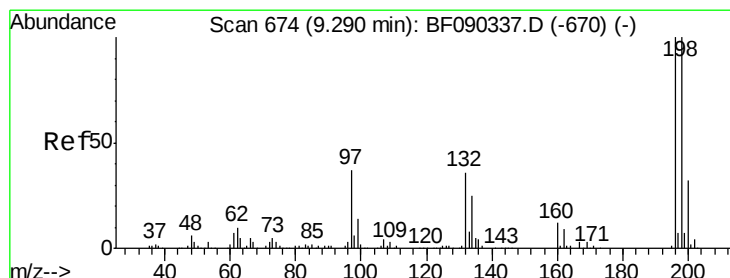
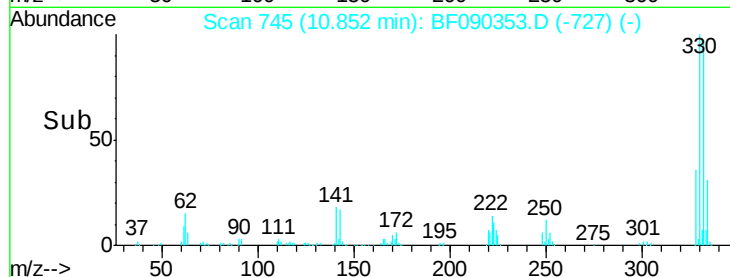
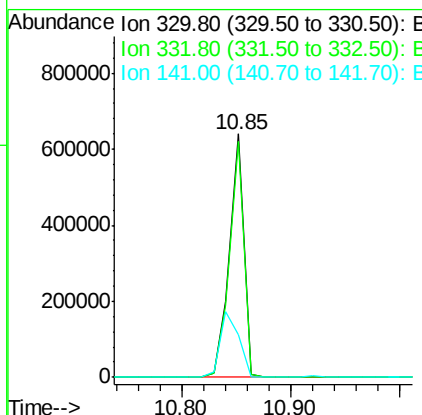
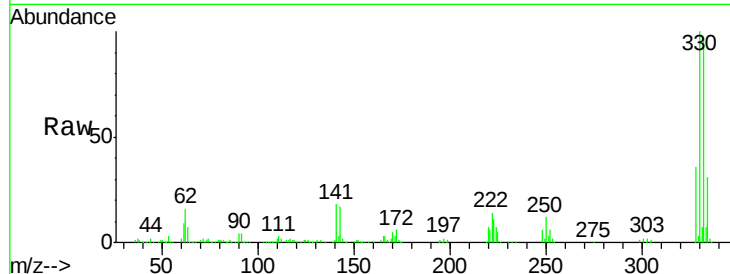
#41
 2,4,6-Tribromophenol
 Concen: 144.09 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93778BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	590832		
332	96.8	75.4	113.0	
141	35.3	26.9	40.3	

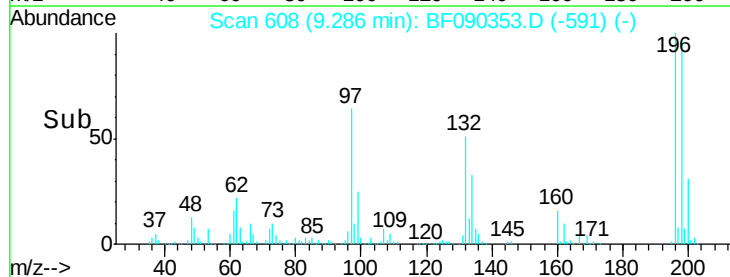
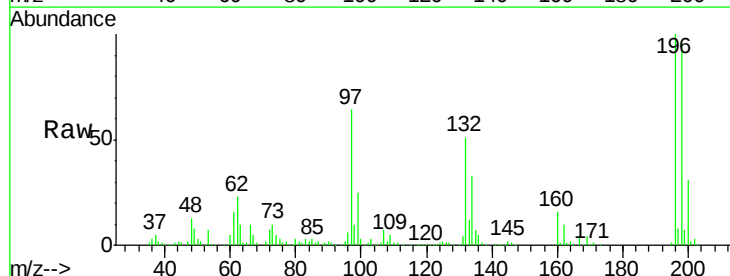
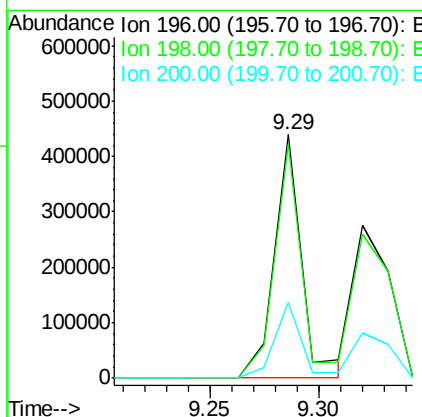
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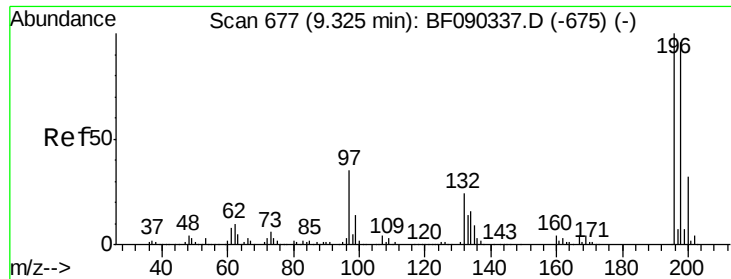
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#42
 2,4,6-Trichlorophenol
 Concen: 46.29 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	388034		
198	95.9	78.9	118.3	
200	31.2	25.4	38.2	





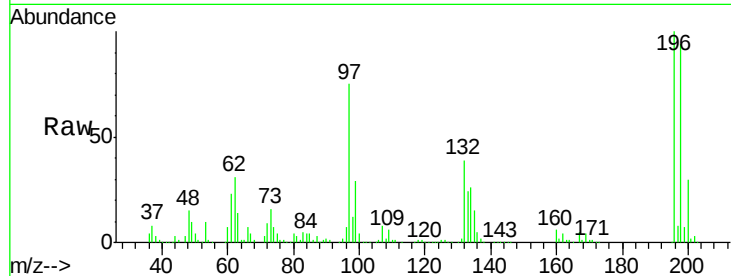
#43
 2,4,5-Trichlorophenol
 Concen: 38.91 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93778BS

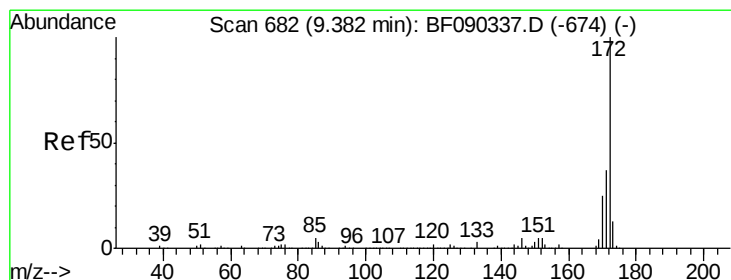
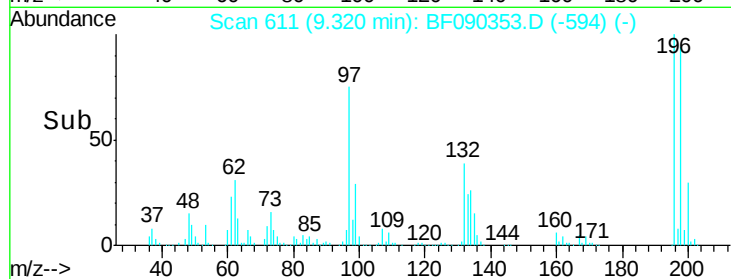
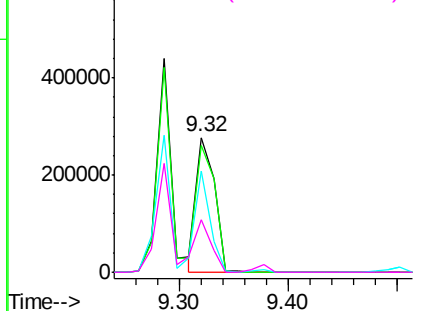
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	328216		
198	93.9	78.1	117.1	
97	74.9	48.1	72.1	
132	38.9	27.4	41.2	

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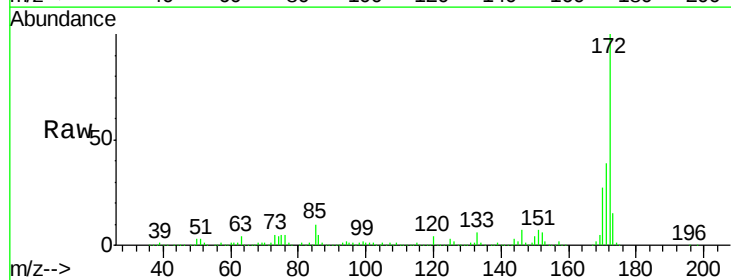


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

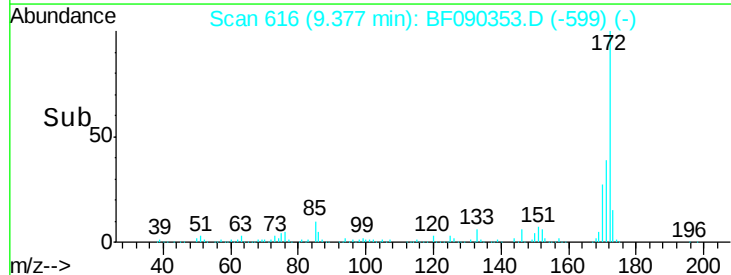
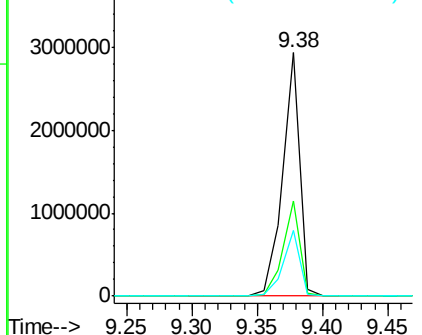


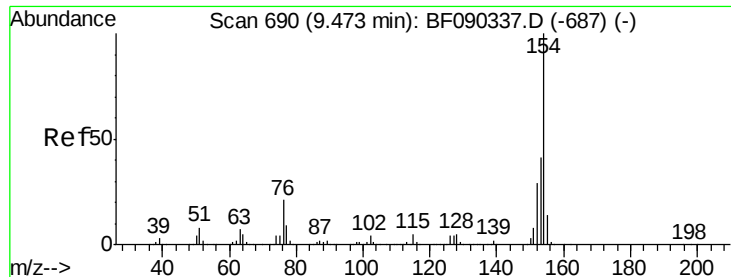
#44
 2-Fluorobiphenyl
 Concen: 93.23 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2699632		
171	38.9	31.8	47.8	
170	27.0	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: 42.57 ng

RT: 9.48 min Scan# 625

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

Tgt Ion:154 Resp: 1556005

Ion Ratio Lower Upper

154 100

153 41.7 23.8 63.8

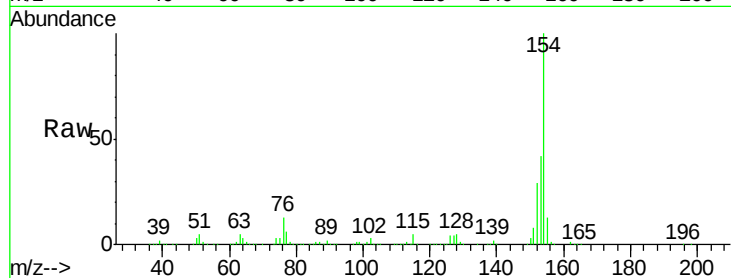
76 13.2 0.0 35.8

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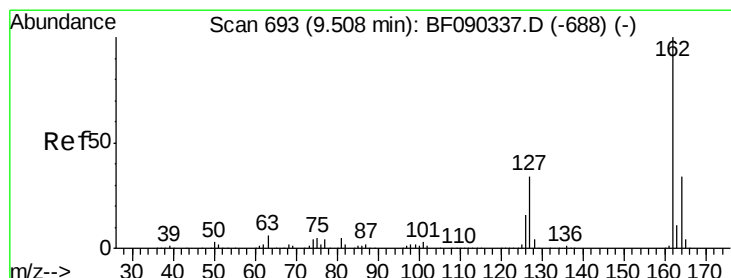
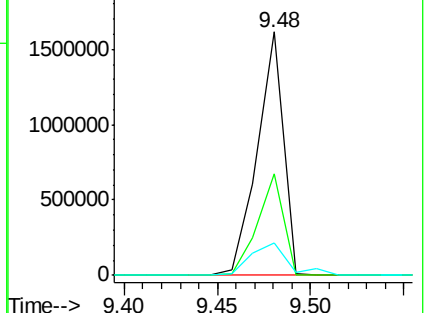
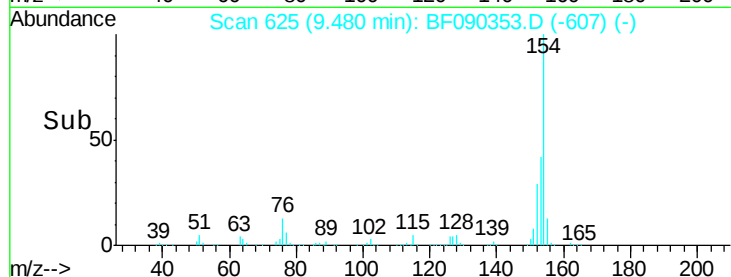
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.16 ng

RT: 9.50 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

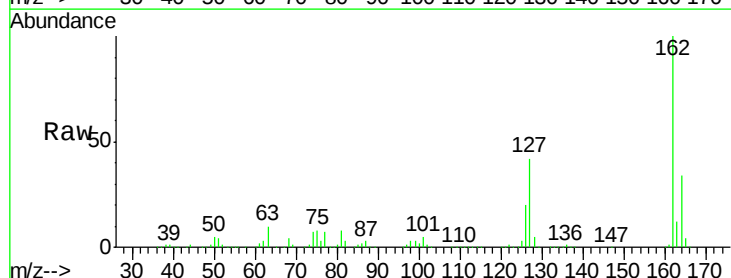
Tgt Ion:162 Resp: 1211734

Ion Ratio Lower Upper

162 100

127 41.9 35.6 53.4

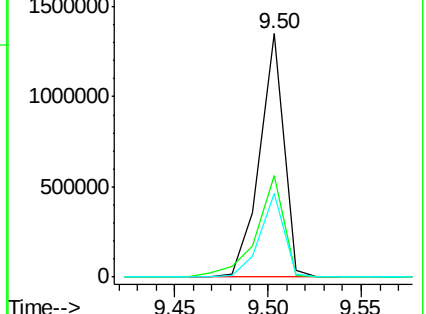
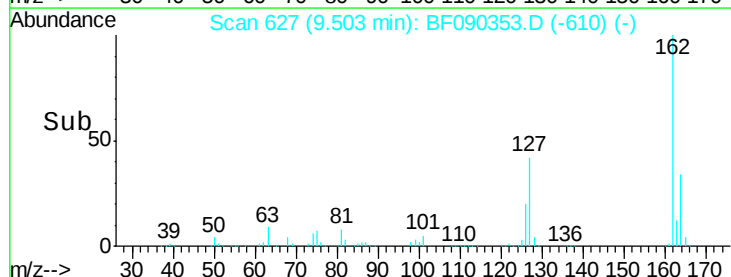
164 34.2 27.5 41.3

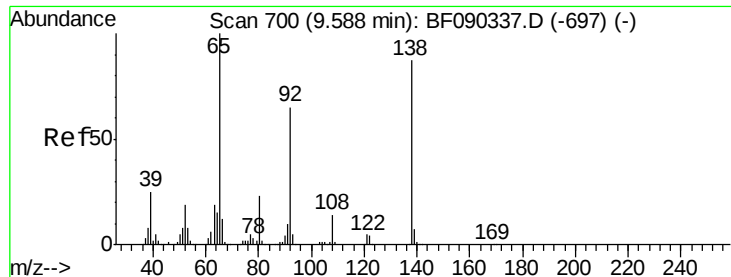


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.88 ng

RT: 9.59 min Scan# 635

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

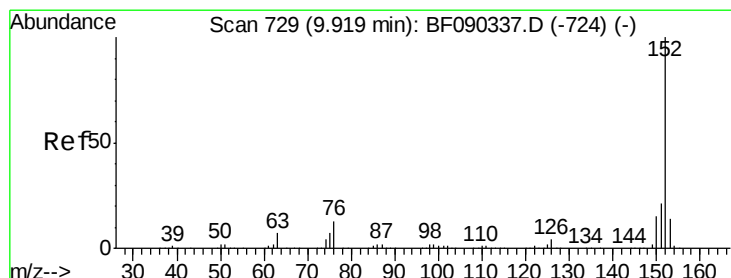
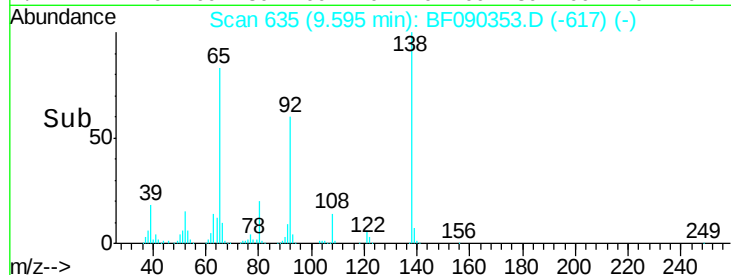
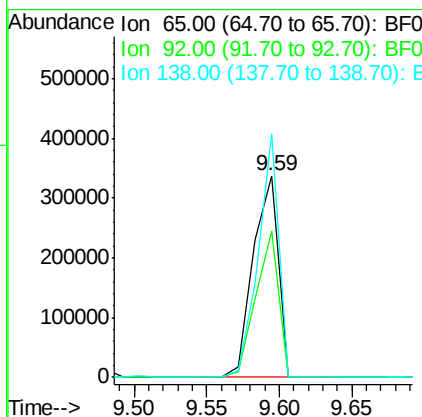
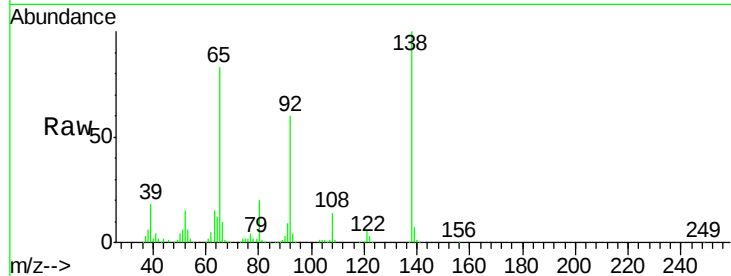
ClientSampled :

PB93778BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.3	51.7	77.5
138	120.8	79.0	118.4

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#48

Acenaphthylene

Concen: 39.63 ng

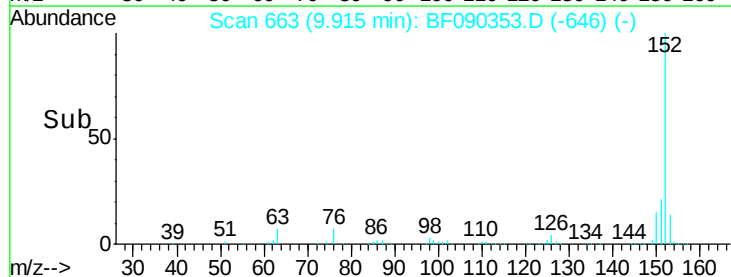
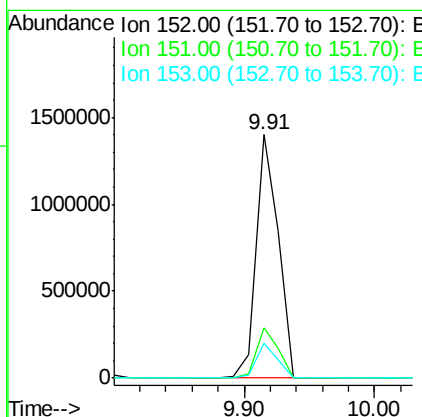
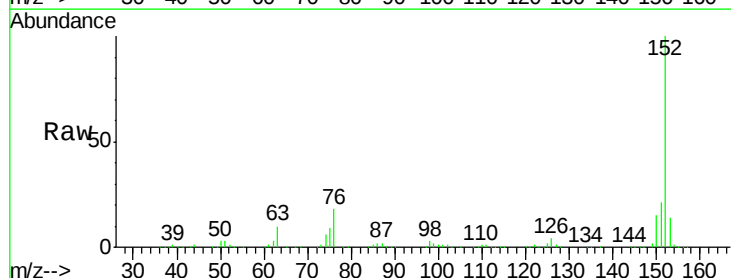
RT: 9.91 min Scan# 663

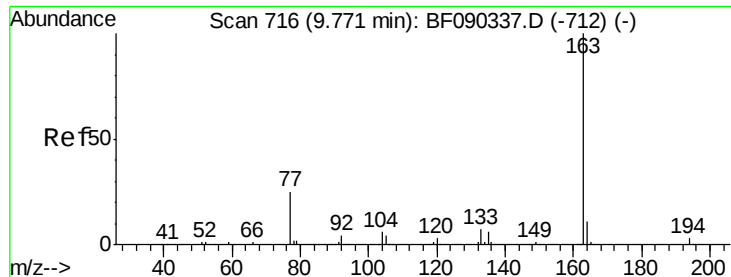
Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.4	26.0
153	14.4	11.6	17.4





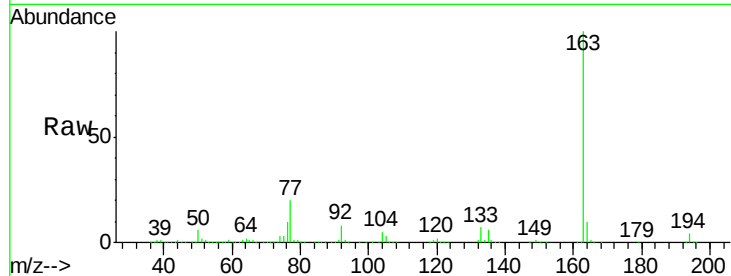
#49
Dimethylphthalate
Concen: 46.71 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB93778BS

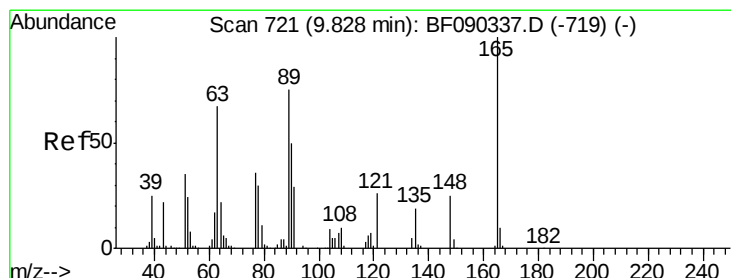
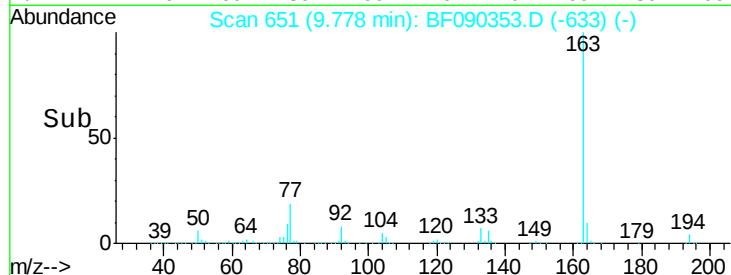
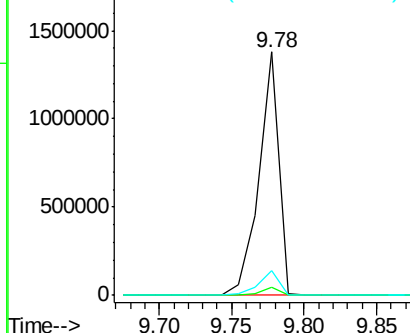
Tgt Ion:163 Resp: 1305484
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.4 9.0 13.4

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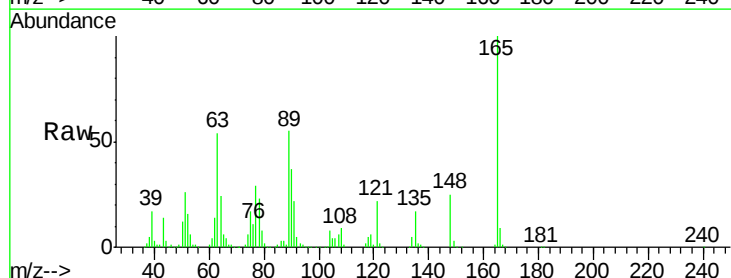


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

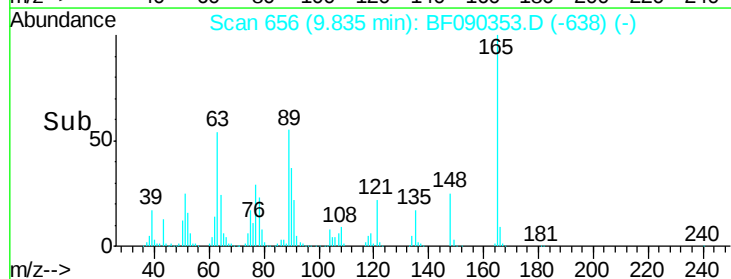
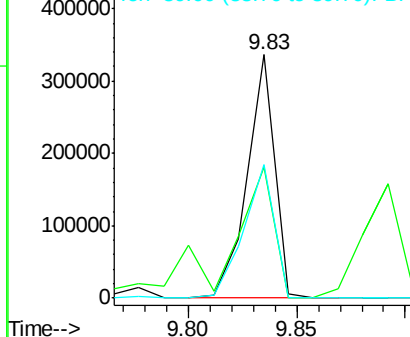


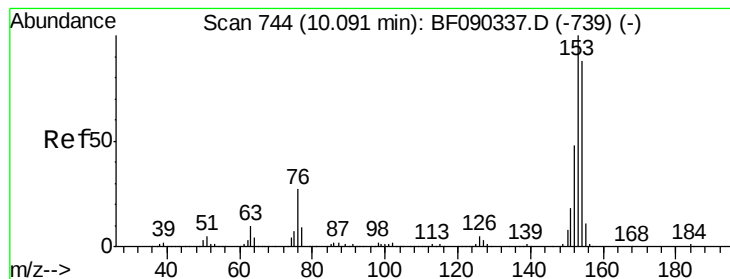
#50
2,6-Dinitrotoluene
Concen: 48.08 ng
RT: 9.83 min Scan# 656
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion:165 Resp: 293928
Ion Ratio Lower Upper
165 100
63 53.9 58.0 87.0#
89 55.0 51.2 76.8



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





#51

Acenaphthene

Concen: 46.77 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

Tgt Ion:154 Resp: 1181208

Ion Ratio Lower Upper

154 100

153 113.5 88.6 133.0

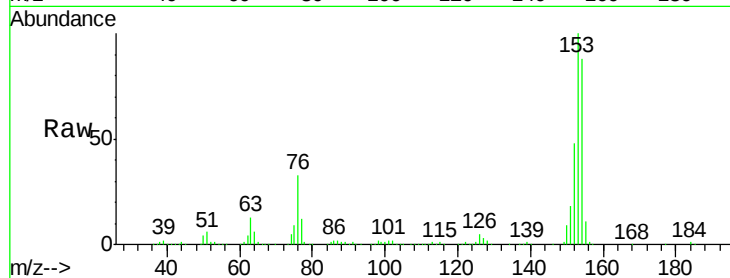
152 54.2 42.6 64.0

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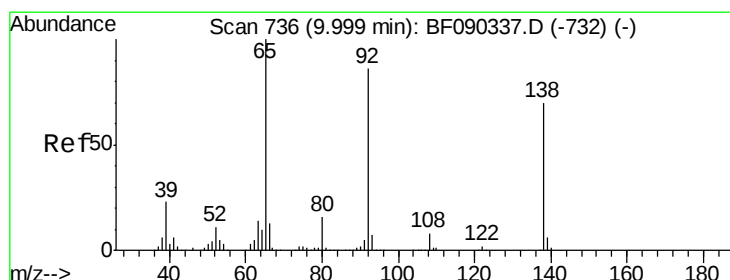
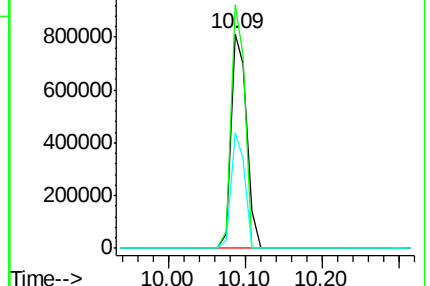
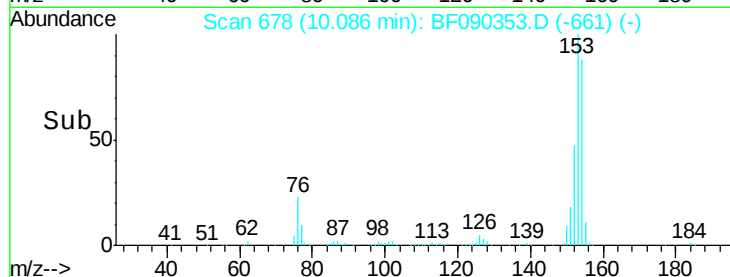
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.11 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

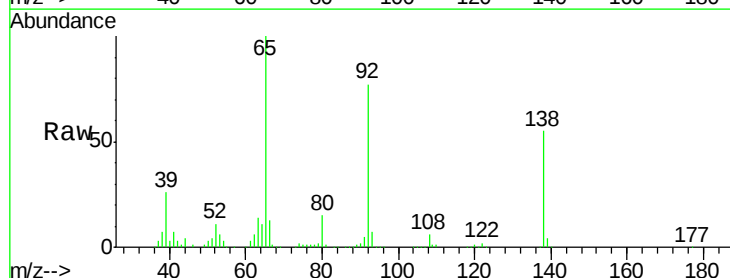
Tgt Ion:138 Resp: 132340

Ion Ratio Lower Upper

138 100

108 11.5 9.7 14.5

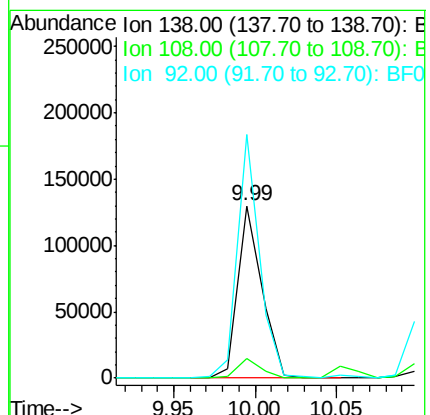
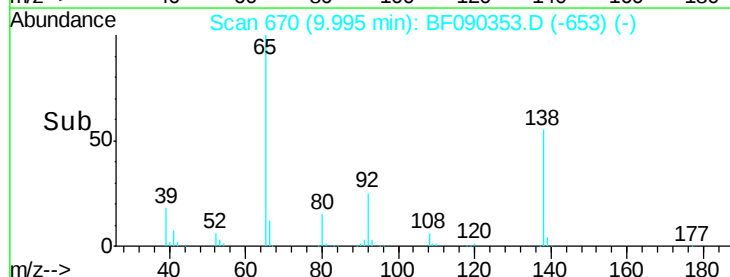
92 141.4 97.1 145.7

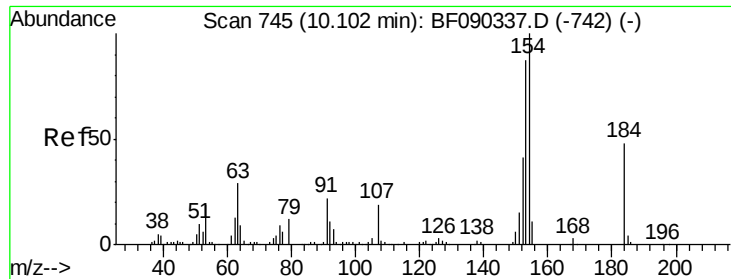


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





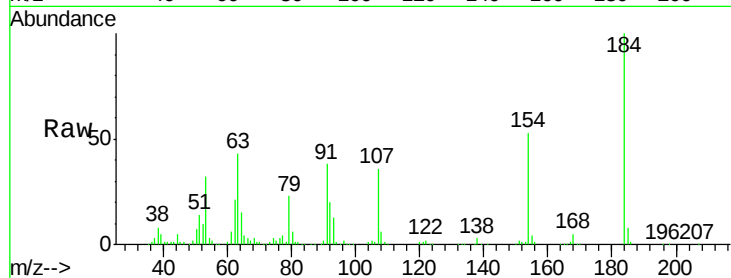
#53
2,4-Dinitrophenol
Concen: 108.68 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampled :
PB93778BS

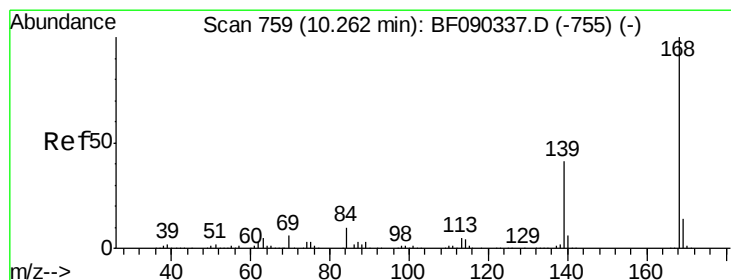
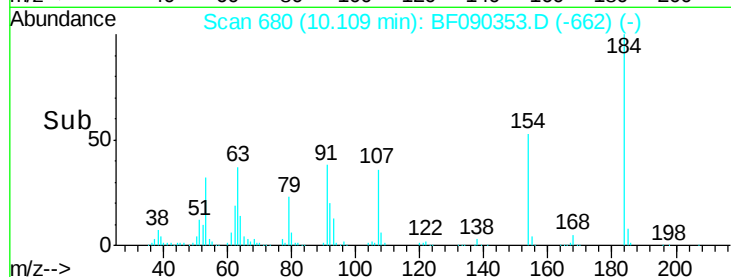
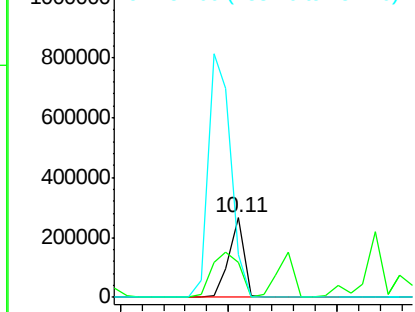
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	254995		
63	43.5	41.9	62.9	
154	53.2	48.9	73.3	

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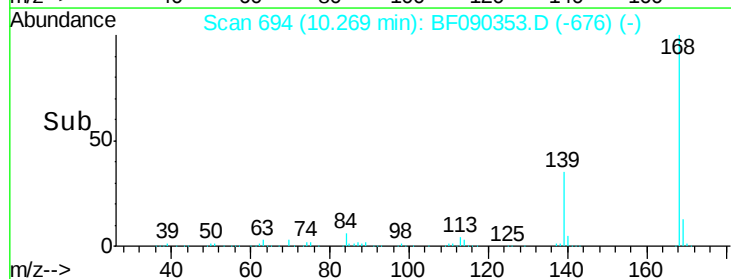
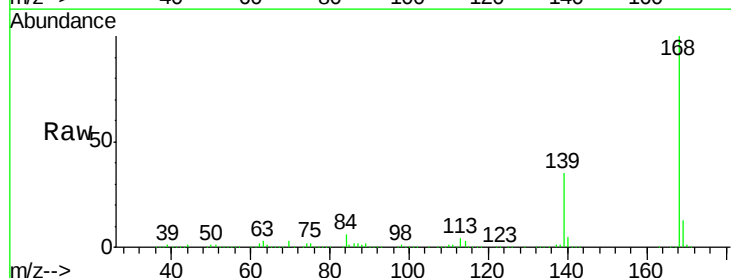
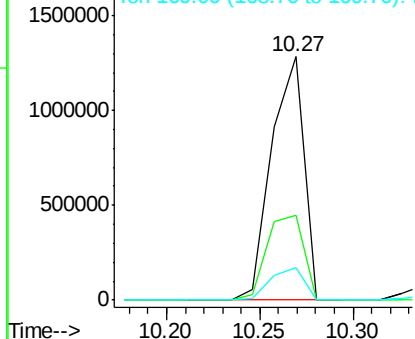
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

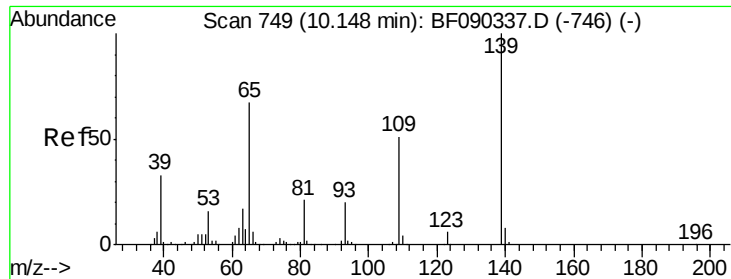


#54
Dibenzofuran
Concen: 46.34 ng
RT: 10.27 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1547579		
139	35.1	29.6	44.4	
169	13.4	11.3	16.9	

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





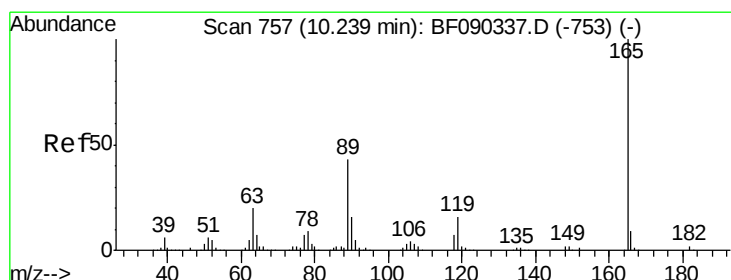
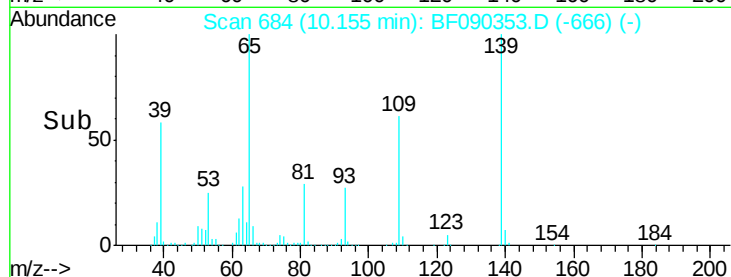
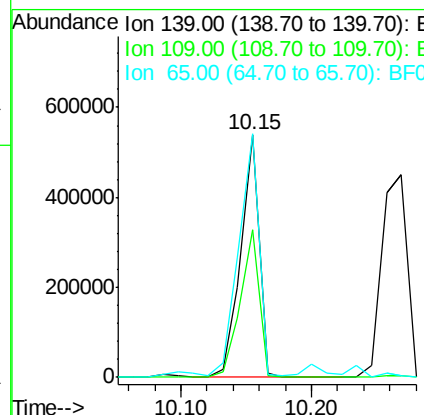
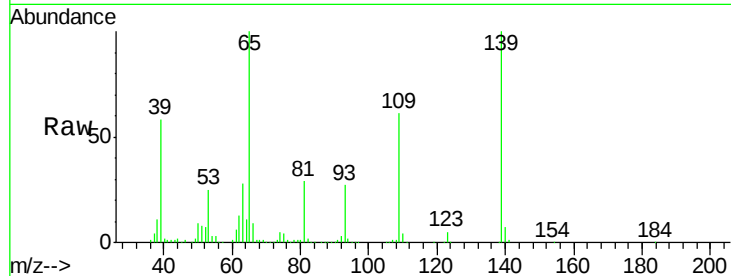
#55
4-Nitrophenol
Concen: 95.35 ng
RT: 10.15 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB93778BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	525795		
109	60.7	43.6	83.6	
65	100.3	87.5	127.5	

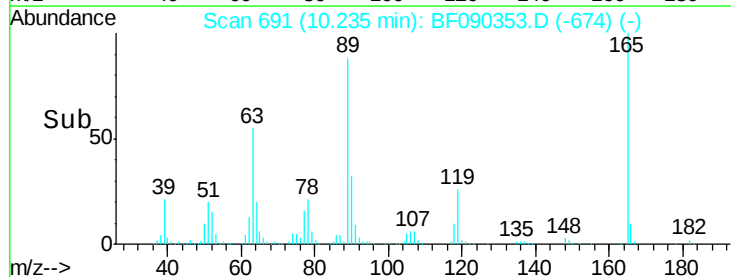
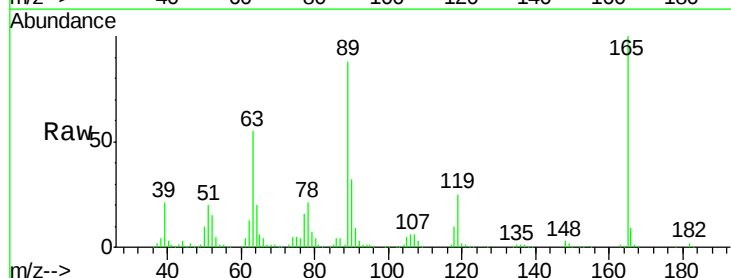
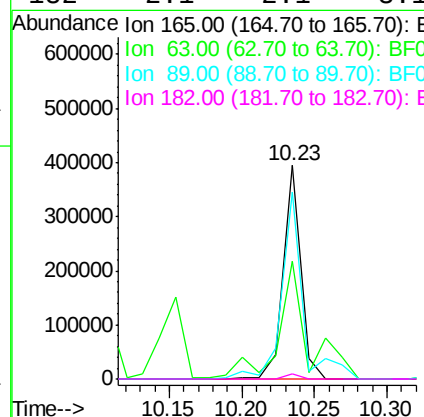
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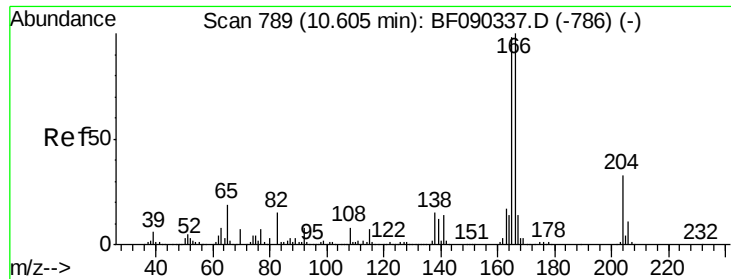
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#56
2,4-Dinitrotoluene
Concen: 45.02 ng
RT: 10.23 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	331277		
63	55.1	17.8	26.6#	
89	87.6	33.2	49.8#	
182	2.1	2.1	3.1	





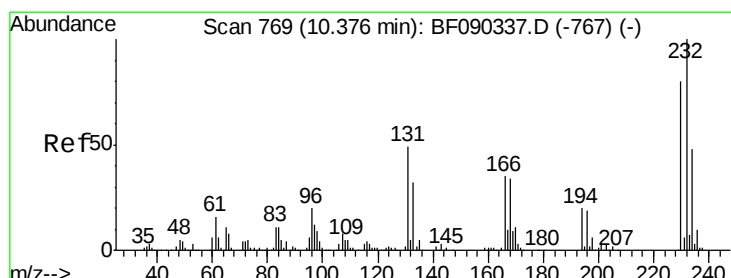
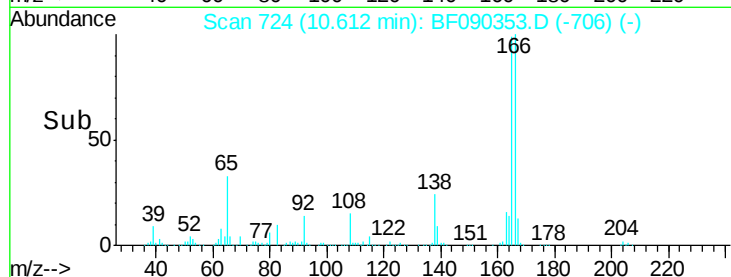
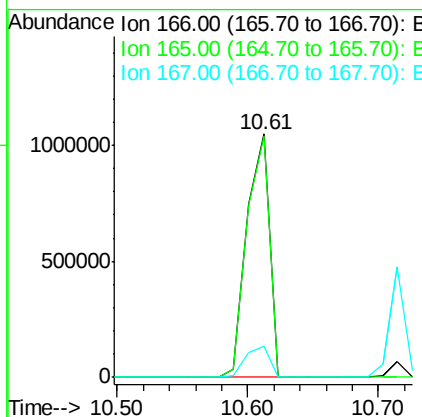
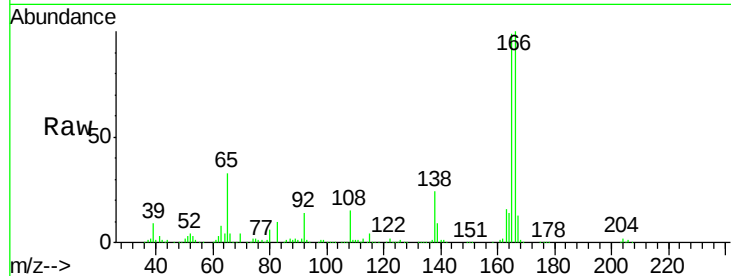
#57
 Fluorene
 Concen: 45.21 ng
 RT: 10.61 min Scan# 724
 Delta R.T. 0.01 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Instrument :
 BNA_F
 ClientSampled :
 PB93778BS

Tgt Ion:166 Resp: 1263058
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.2 118.8
 167 13.0 11.1 16.7

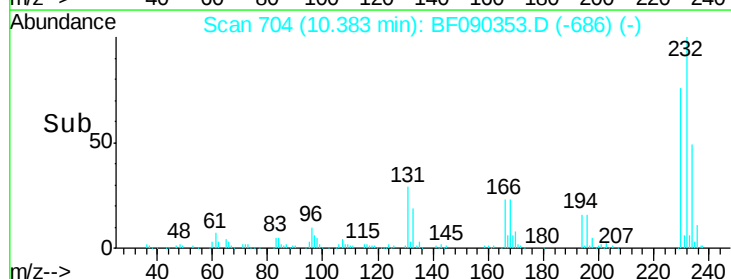
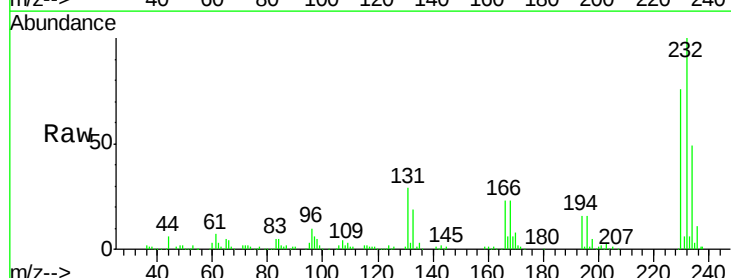
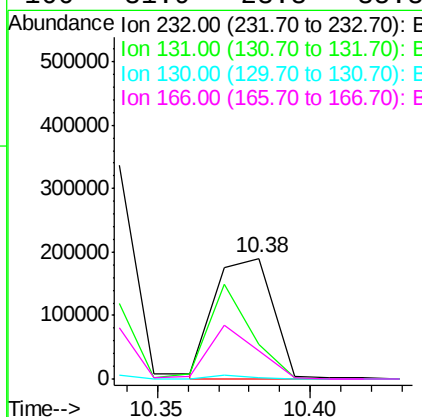
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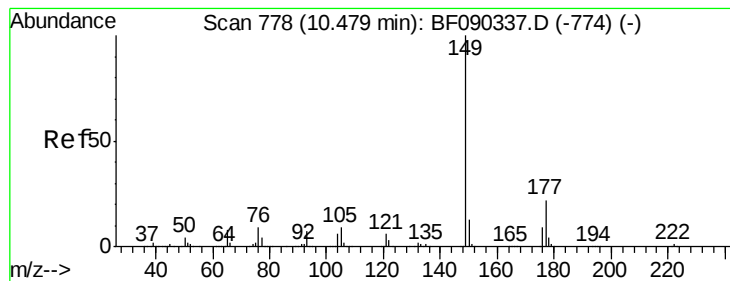
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.93 ng m
 RT: 10.38 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Tgt Ion:232 Resp: 255370
 Ion Ratio Lower Upper
 232 100
 131 52.6 34.5 51.7#
 130 2.6 1.6 2.4#
 166 31.9 23.8 35.8





#59

Diethylphthalate

Concen: 41.38 ng

RT: 10.47 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

Tgt Ion:149 Resp: 1182272

Ion Ratio Lower Upper

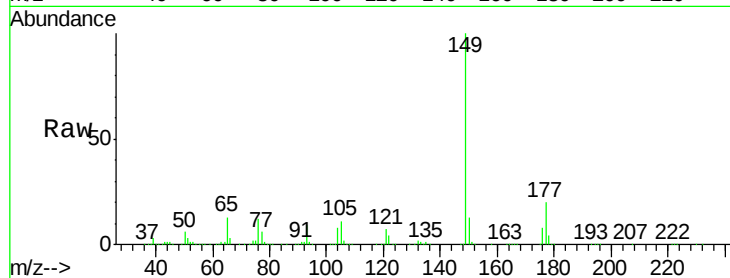
149 100

177 19.8 21.1 31.7#

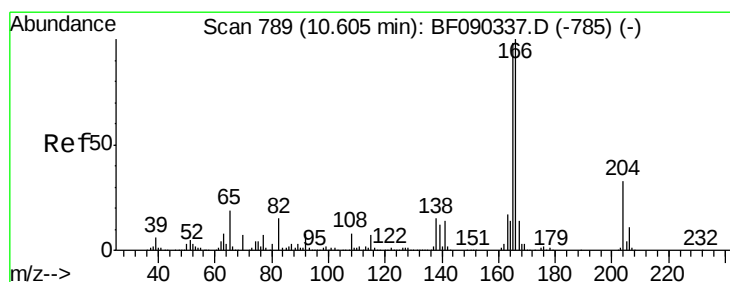
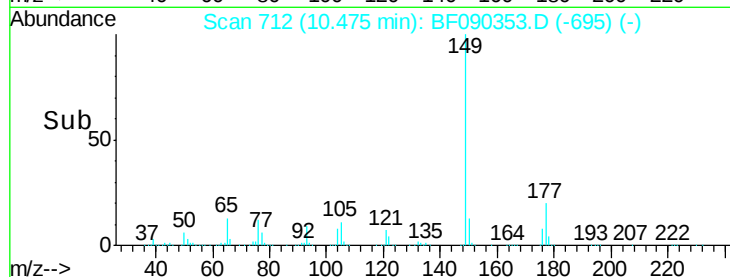
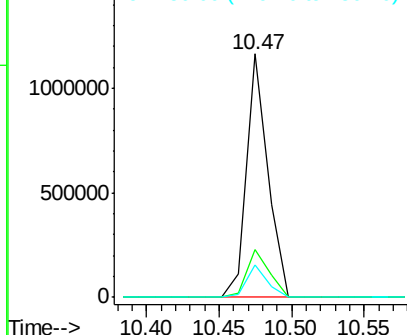
150 13.1 10.2 15.2

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



#60

4-Chlorophenyl-phenylether

Concen: 46.08 ng

RT: 10.60 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

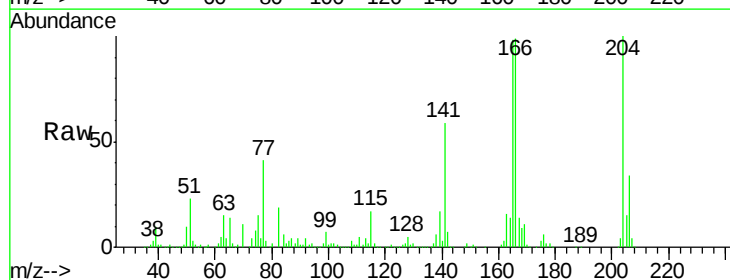
Tgt Ion:204 Resp: 610427

Ion Ratio Lower Upper

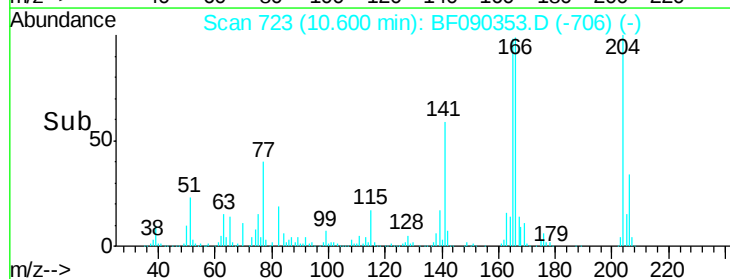
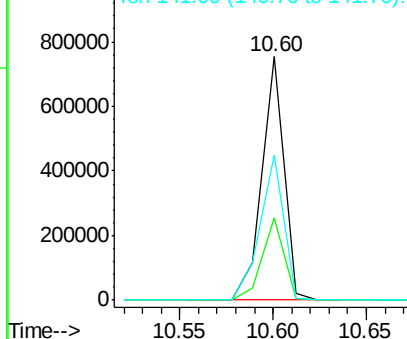
204 100

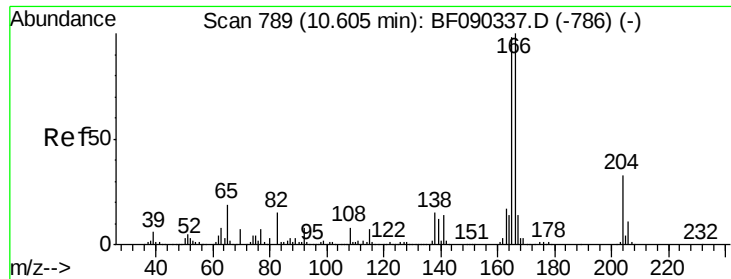
206 33.8 26.7 40.1

141 59.3 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: 39.16 ng

RT: 10.61 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

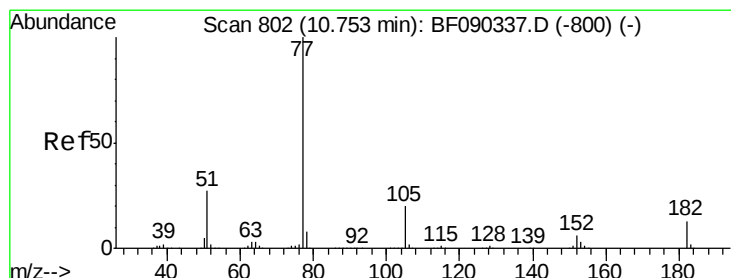
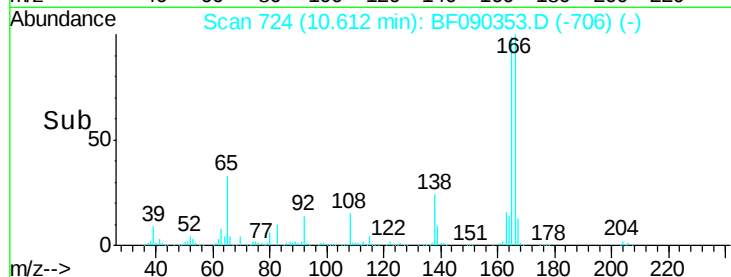
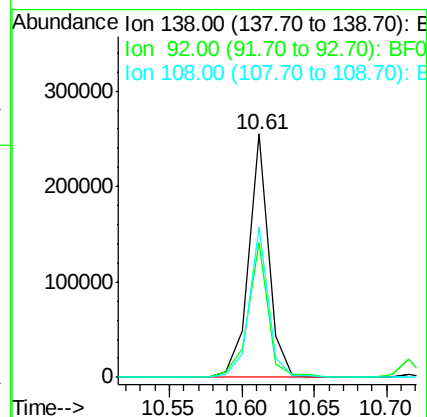
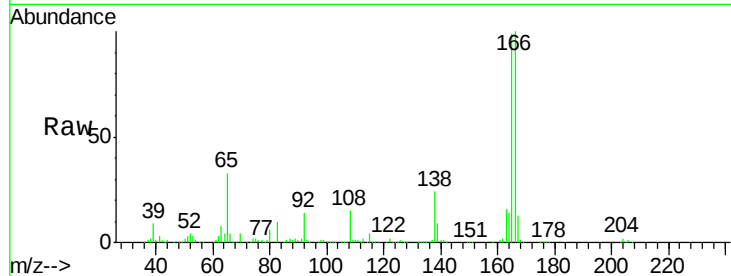
ClientSampleId :

PB93778BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	243908		
92	55.6	33.2	73.2	
108	61.5	48.5	88.5	

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#62

Azobenzene

Concen: 57.24 ng

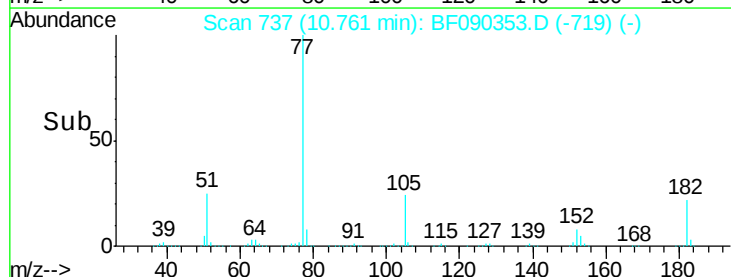
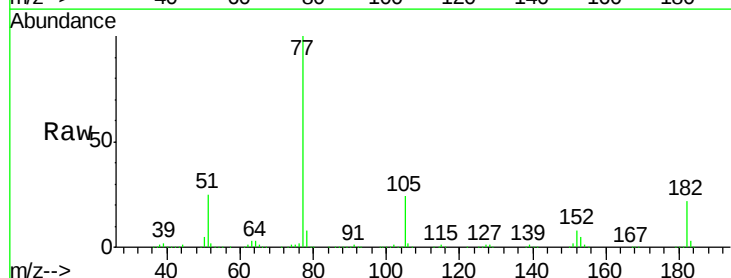
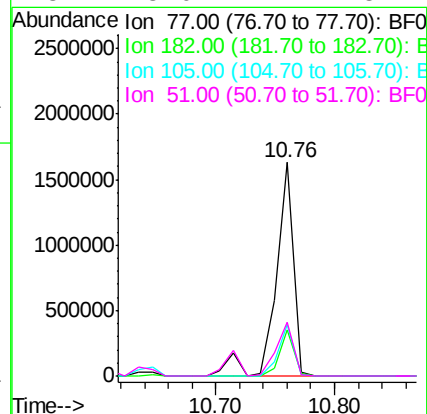
RT: 10.76 min Scan# 737

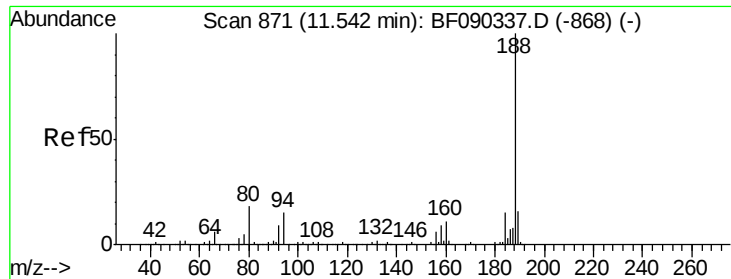
Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1704087		
182	21.8	3.2	43.2	
105	24.0	2.9	42.9	
51	25.0	14.2	54.2	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.55 min Scan# 806

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

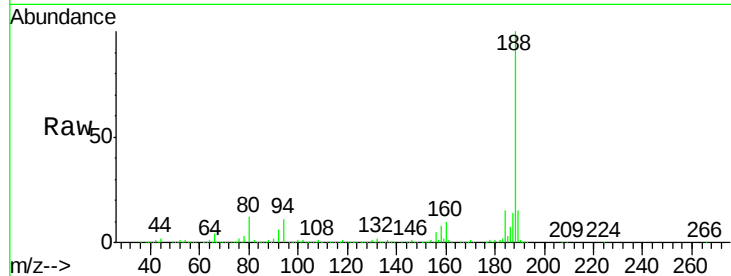
ClientSampled :

PB93778BS

Tgt Ion:	188	Resp:	710469
Ion Ratio	Lower	Upper	
188	100		
94	10.5	8.2	12.2
80	11.8	8.8	13.2

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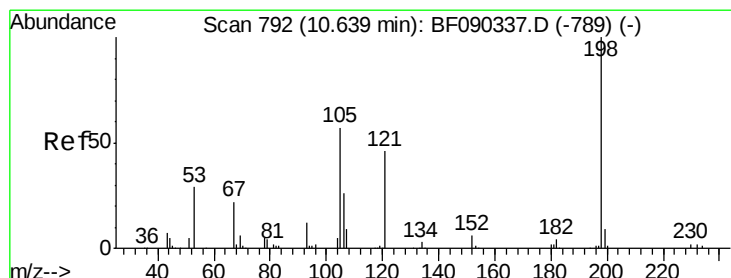
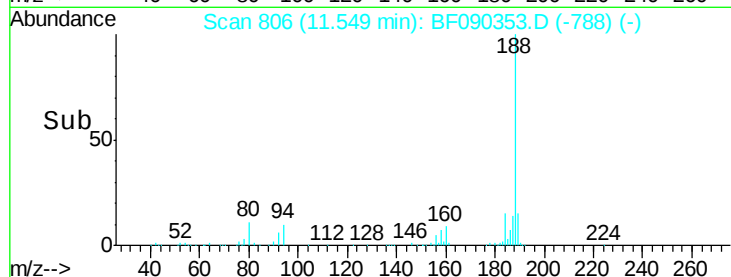
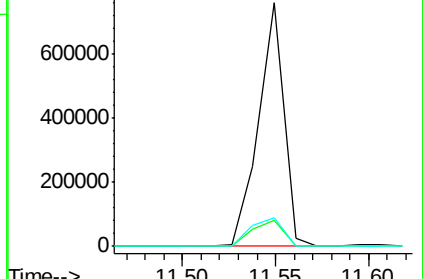
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 48.57 ng

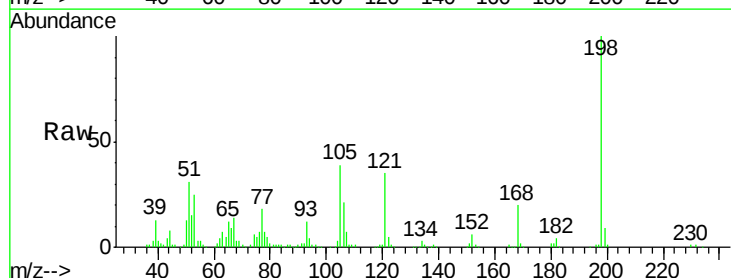
RT: 10.65 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

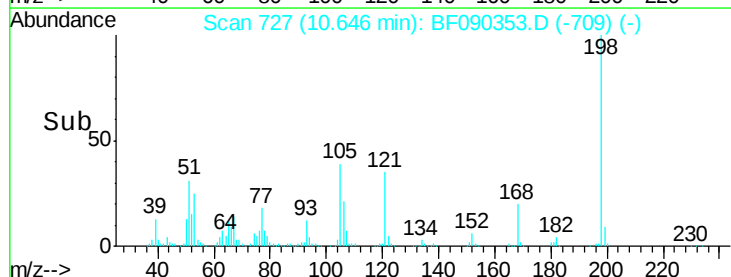
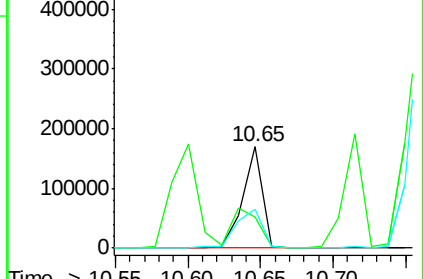
Tgt Ion:	198	Resp:	156985
Ion Ratio	Lower	Upper	
198	100		
51	31.0	67.3	107.3#
105	38.9	42.6	82.6#

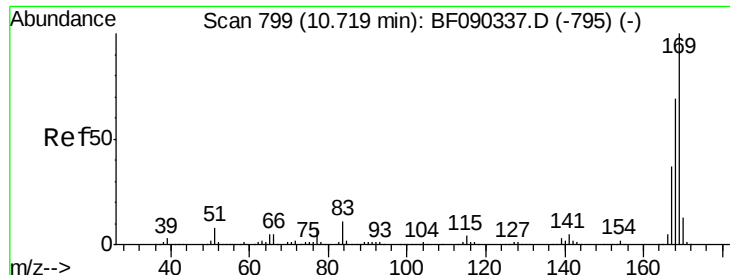


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





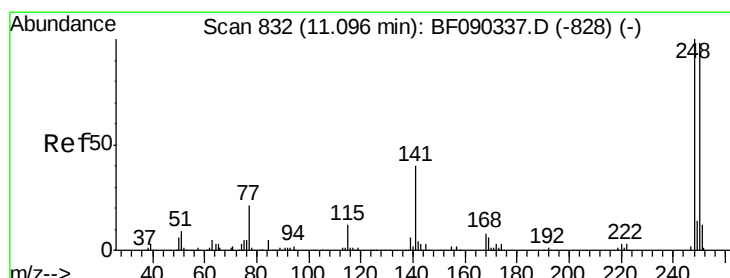
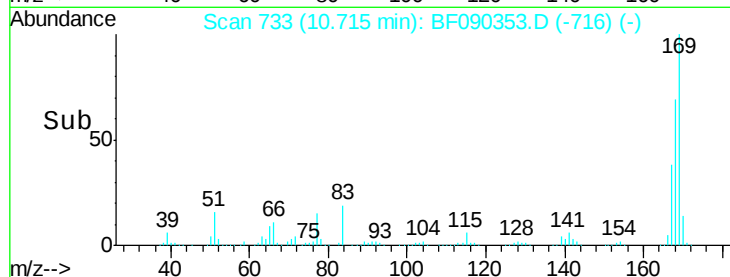
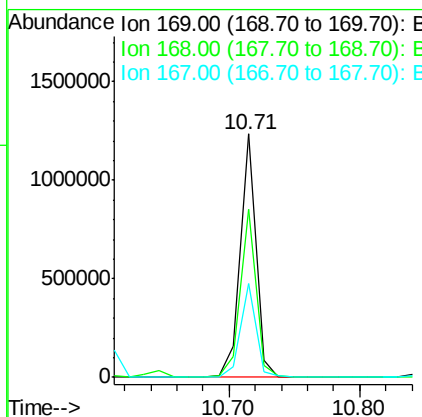
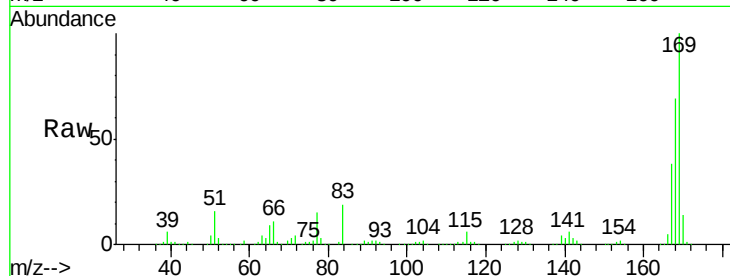
#65
 n-Nitrosodiphenylamine
 Concen: 42.09 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93778BS

Tgt Ion:169 Resp: 1019561
 Ion Ratio Lower Upper
 169 100
 168 69.3 53.8 80.6
 167 38.5 29.8 44.8

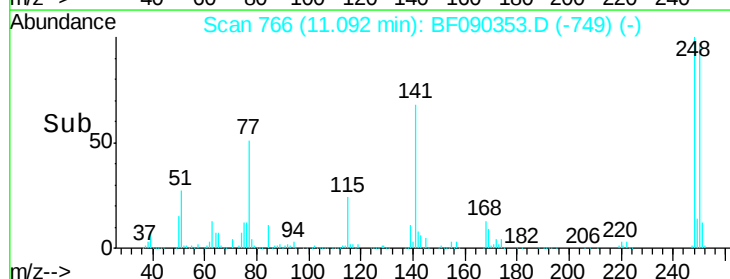
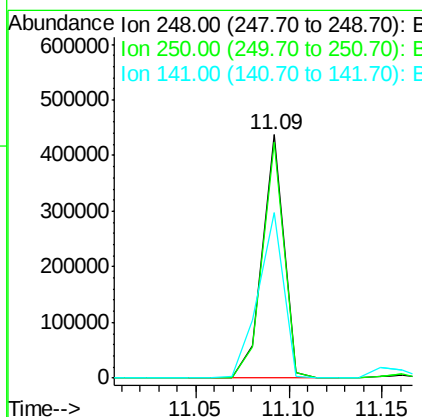
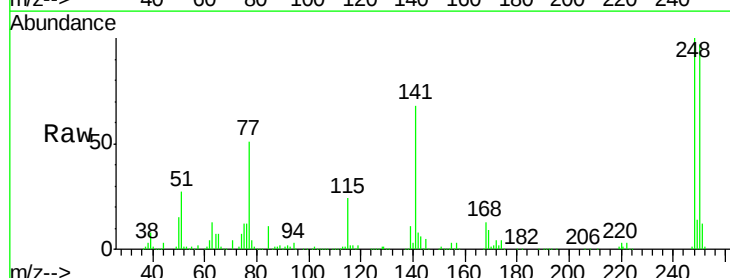
Manual Integrations
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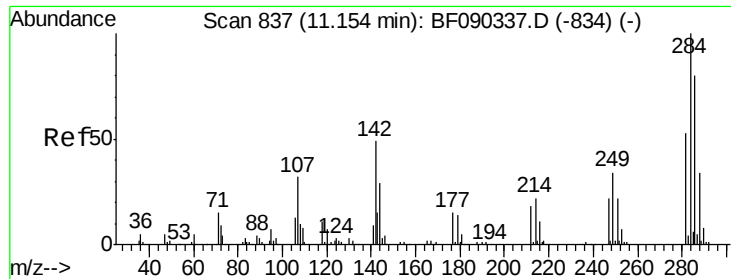
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#66
 4-Bromophenyl-phenylether
 Concen: 45.16 ng
 RT: 11.09 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Tgt Ion:248 Resp: 346729
 Ion Ratio Lower Upper
 248 100
 250 96.9 76.5 114.7
 141 67.7 59.8 89.6





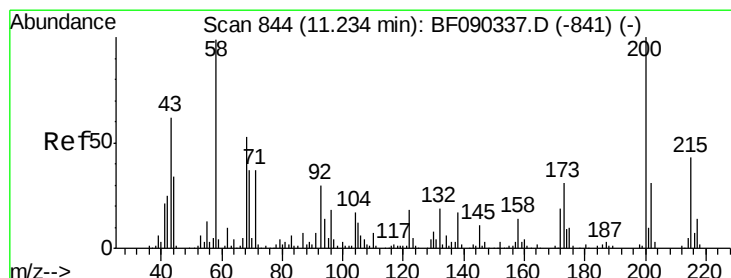
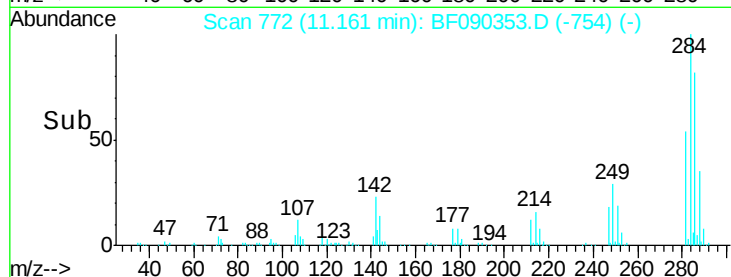
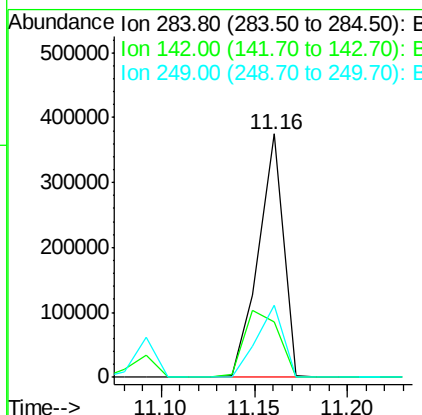
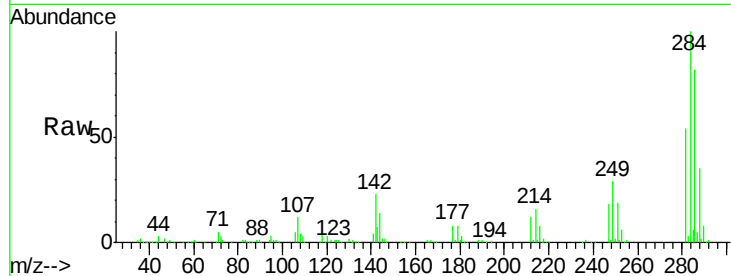
#67
Hexachlorobenzene
Concen: 38.67 ng
RT: 11.16 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampled :
PB93778BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	22.9	23.1	34.7#
249	29.5	26.3	39.5

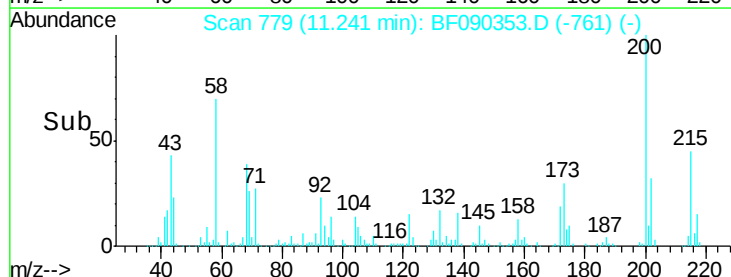
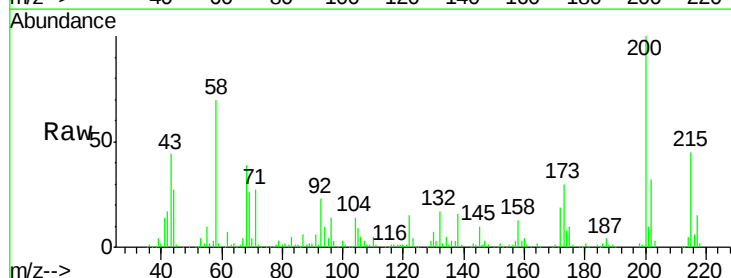
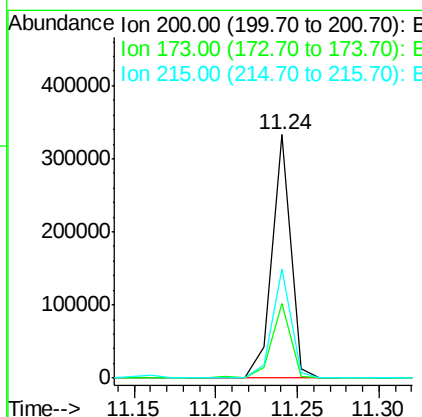
Manual Integrations
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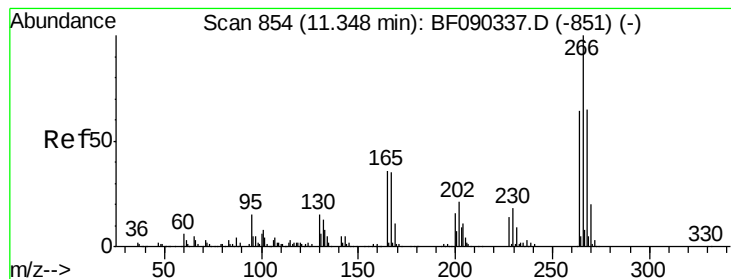
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#68
Atrazine
Concen: 46.05 ng
RT: 11.24 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.5	9.0	49.0
215	44.8	24.8	64.8





#69

Pentachlorophenol

Concen: 71.95 ng

RT: 11.34 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

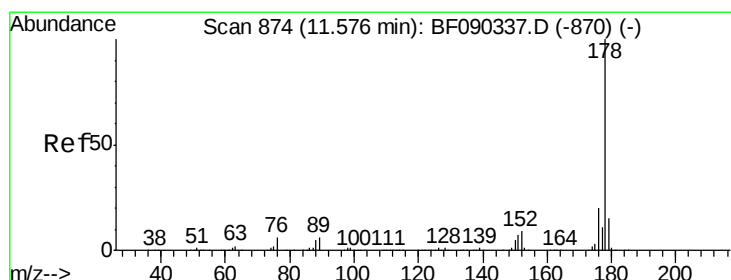
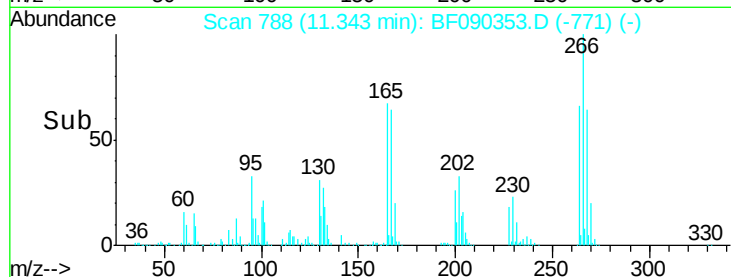
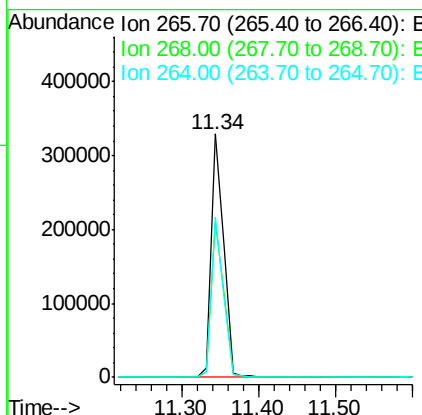
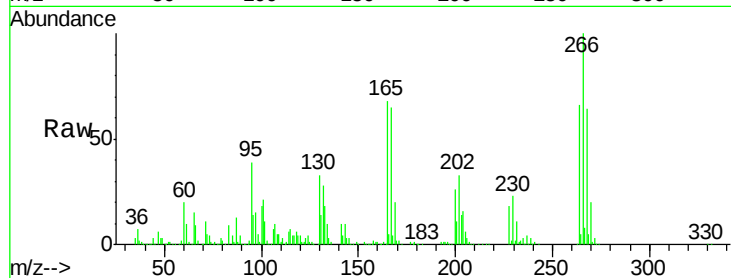
ClientSampleId :

PB93778BS

Tgt Ion:	266	Resp:	363962
Ion Ratio		Lower	Upper
266	100		
268	63.5	50.9	76.3
264	65.8	51.5	77.3

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#70

Phenanthrene

Concen: 42.76 ng

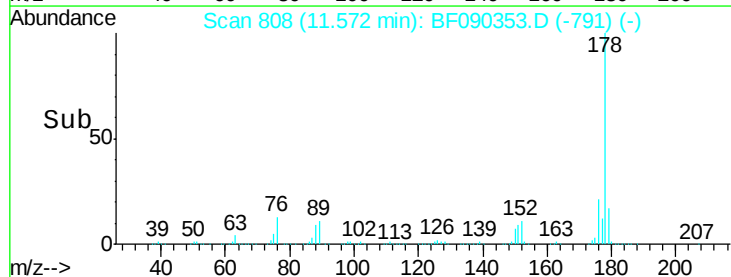
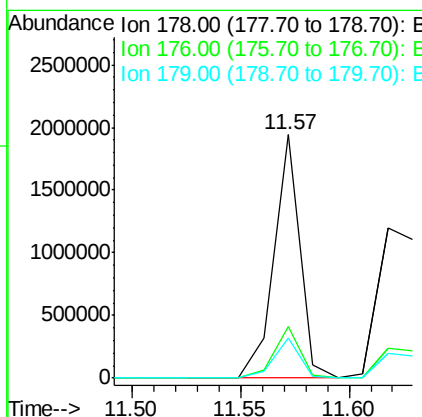
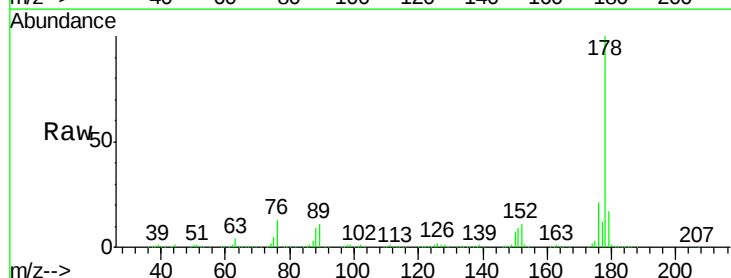
RT: 11.57 min Scan# 808

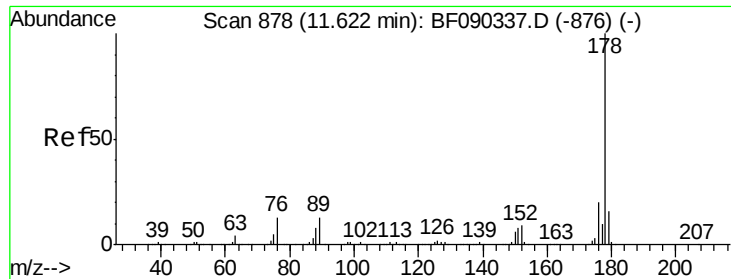
Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Tgt Ion:	178	Resp:	1629979
Ion Ratio		Lower	Upper
178	100		
176	21.0	17.3	25.9
179	16.6	13.8	20.6





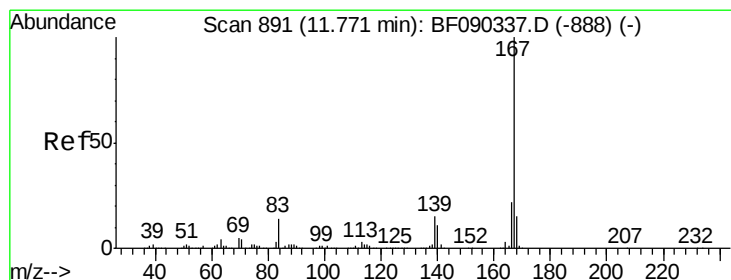
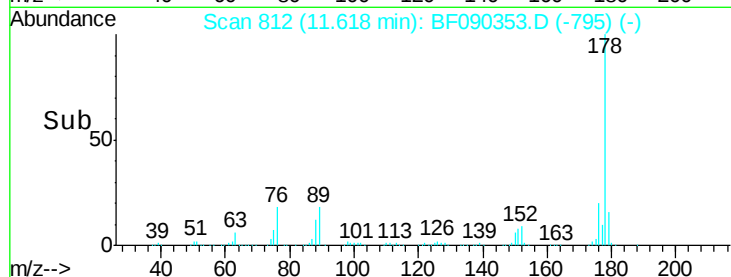
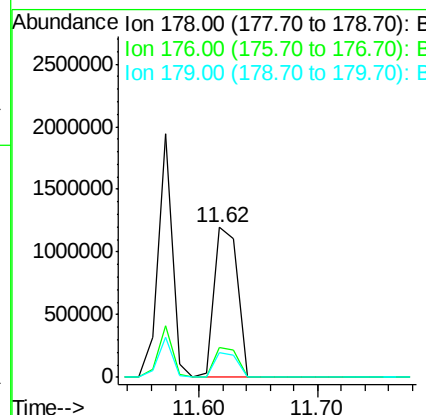
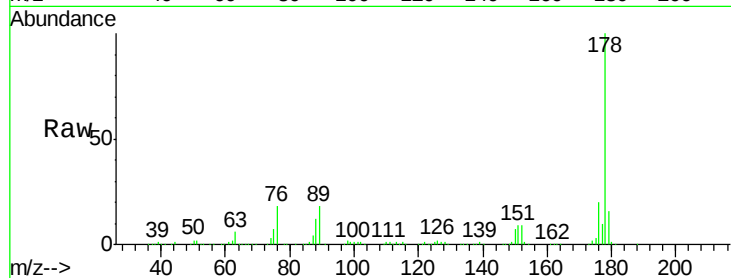
#71
 Anthracene
 Concen: 42.21 ng
 RT: 11.62 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93778BS

Tgt Ion:178 Resp: 1605916
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.8 25.2
 179 16.4 13.4 20.2

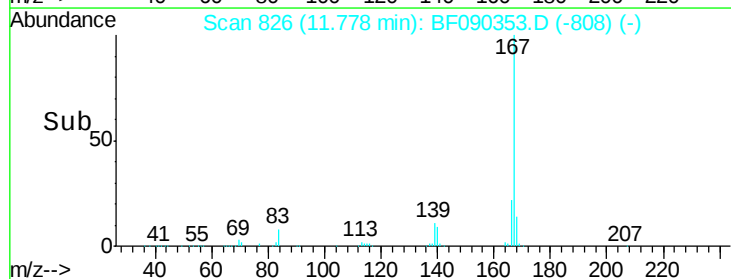
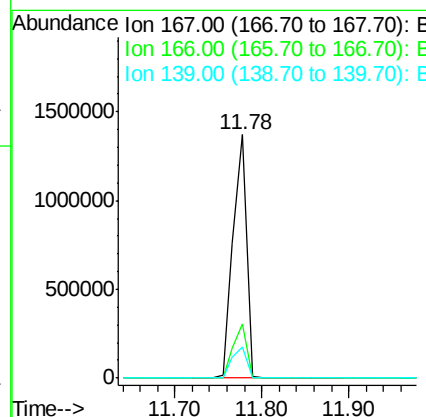
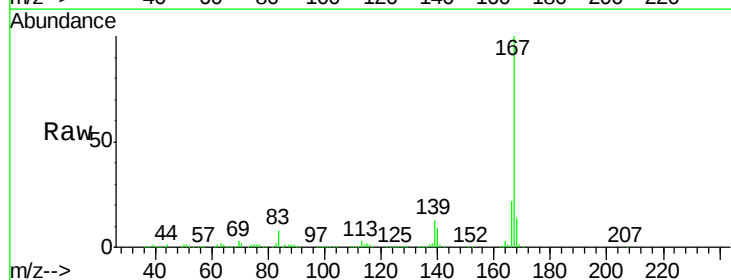
Manual Integrations
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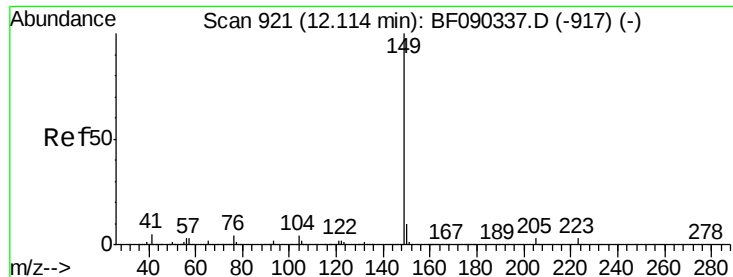
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#72
 Carbazole
 Concen: 42.52 ng
 RT: 11.78 min Scan# 826
 Delta R.T. 0.01 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Tgt Ion:167 Resp: 1487091
 Ion Ratio Lower Upper
 167 100
 166 22.2 19.1 28.7
 139 12.9 12.1 18.1





#73

Di-n-butylphthalate

Concen: 42.97 ng

RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS

Tgt Ion:149 Resp: 1796322

Ion Ratio Lower Upper

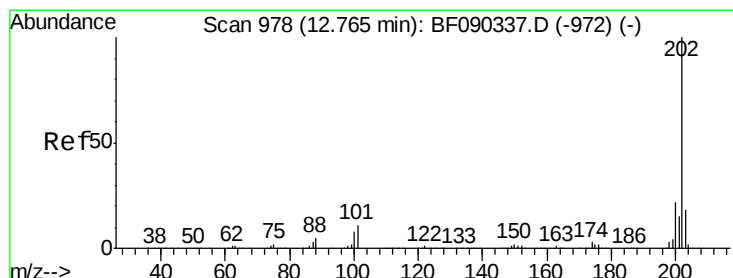
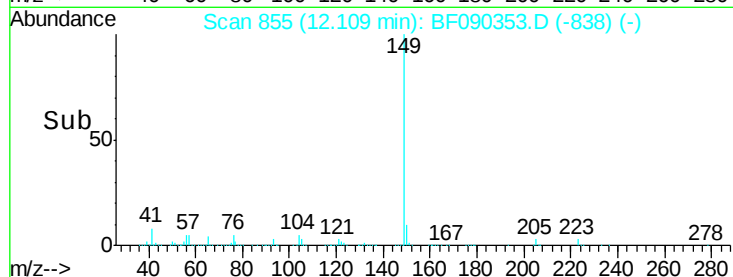
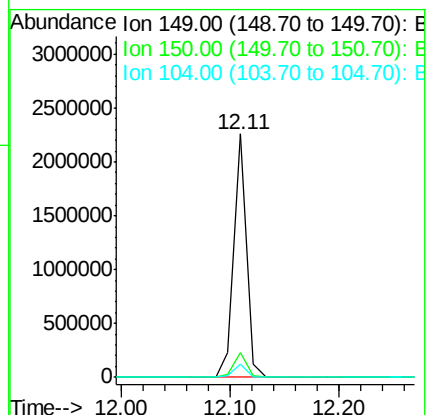
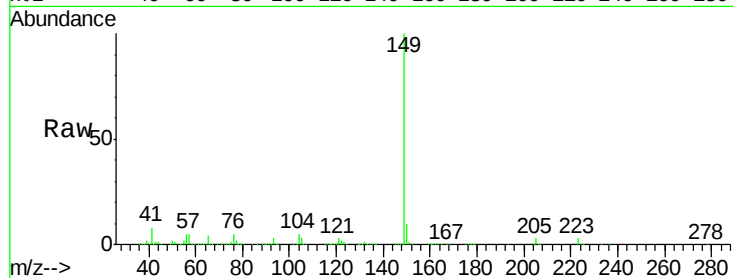
149 100

150 10.1 8.6 12.8

104 5.2 4.7 7.1

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#74

Fluoranthene

Concen: 39.20 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090353.D

Acq: 4 Oct 2016 20:28

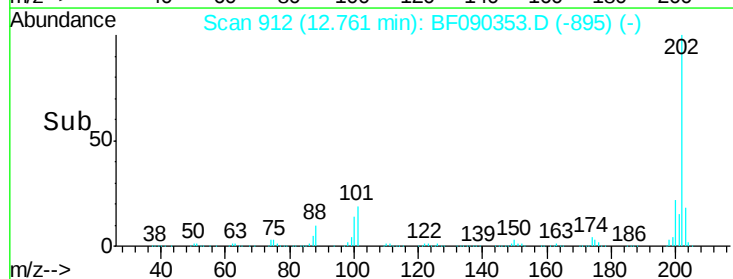
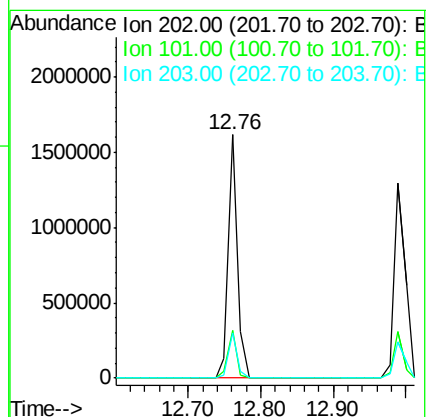
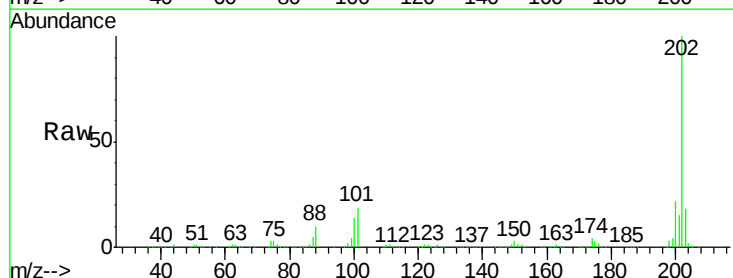
Tgt Ion:202 Resp: 1417243

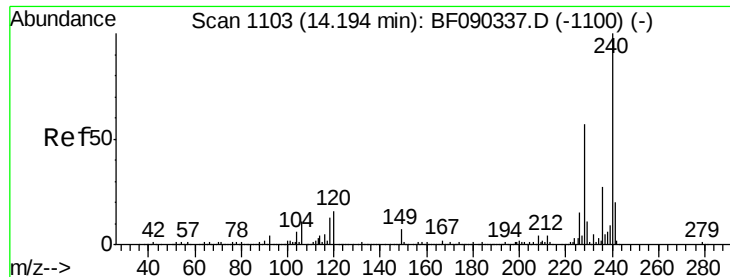
Ion Ratio Lower Upper

202 100

101 19.4 0.0 37.2

203 18.4 0.0 39.3





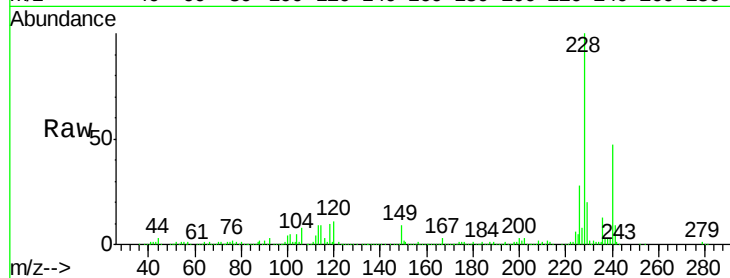
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB93778BS

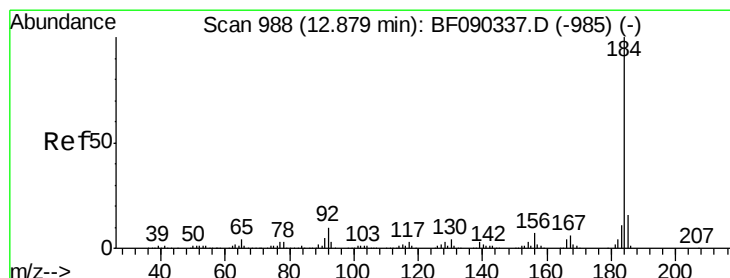
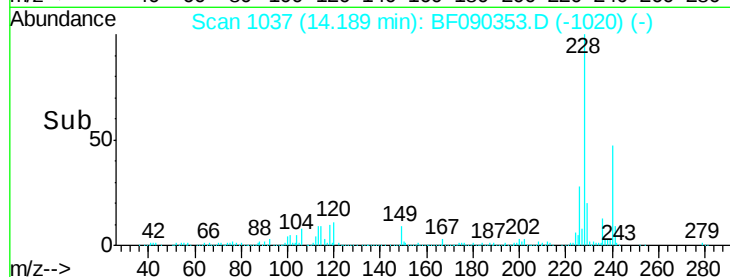
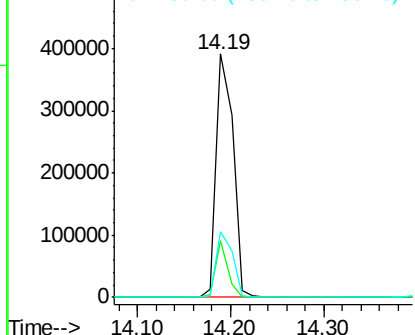
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	489312		
120	23.0	8.6	13.0#	
236	26.9	21.6	32.4	

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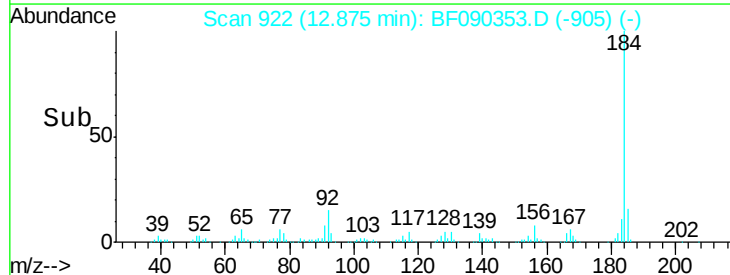
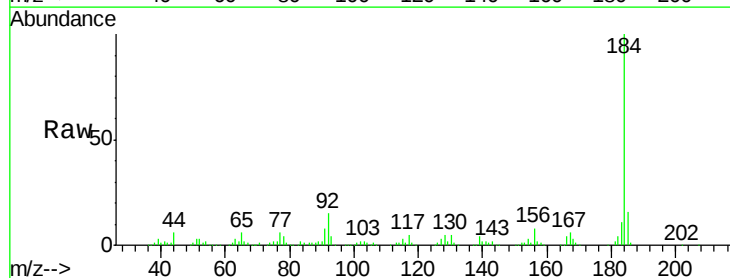
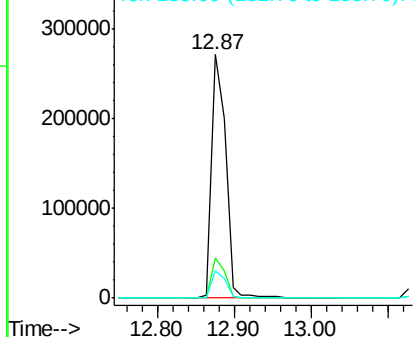
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

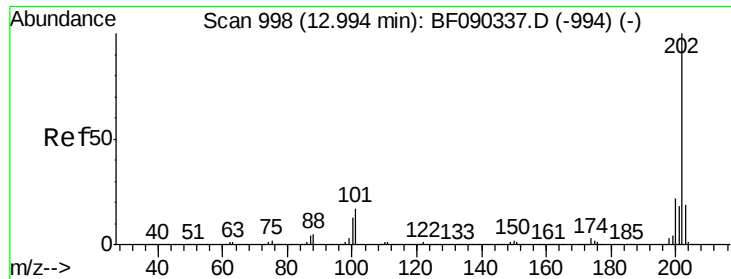


#76
Benzidine
Concen: 25.50 ng
RT: 12.87 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	343169		
185	16.5	11.8	17.8	
183	11.4	9.6	14.4	

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





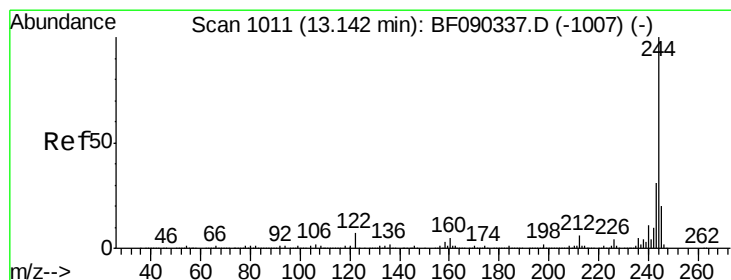
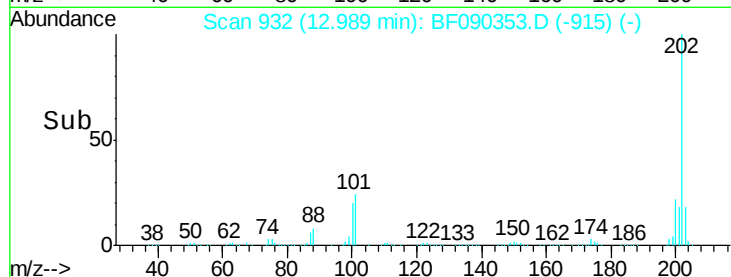
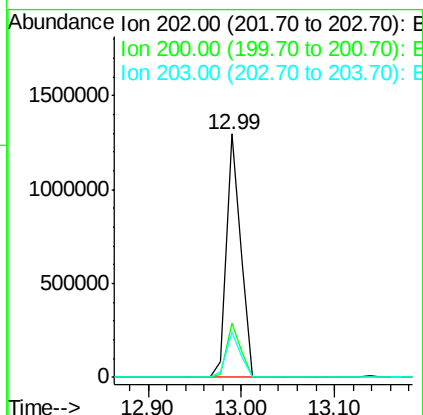
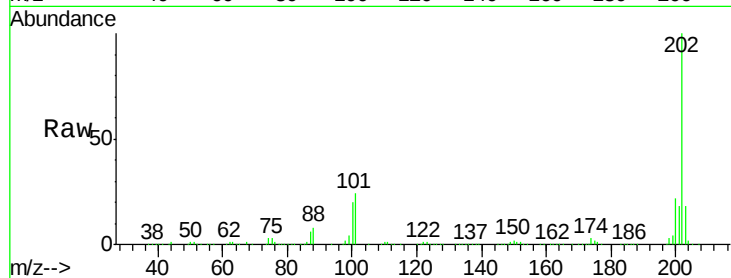
#77
 Pyrene
 Concen: 43.97 ng
 RT: 12.99 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93778BS

Tgt Ion: 202 Resp: 1377666
 Ion Ratio Lower Upper
 202 100
 200 22.1 18.5 27.7
 203 18.4 15.0 22.6

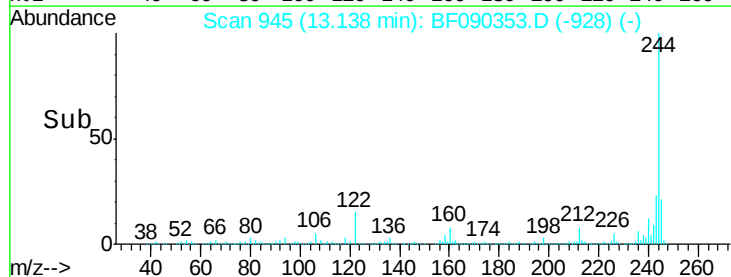
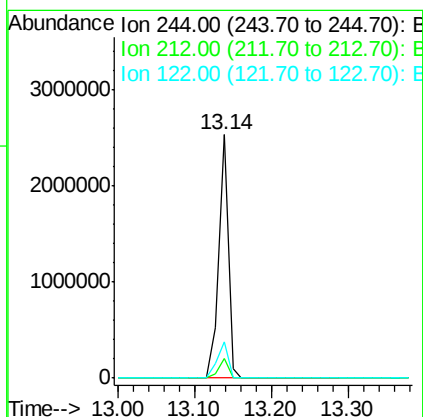
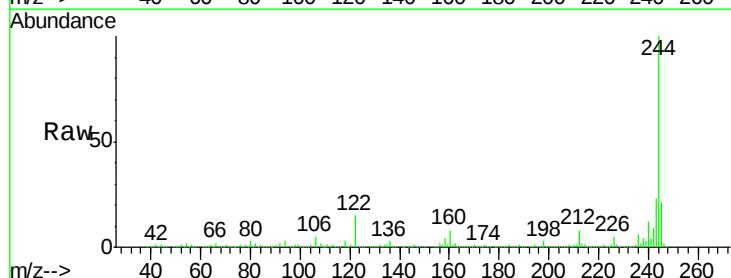
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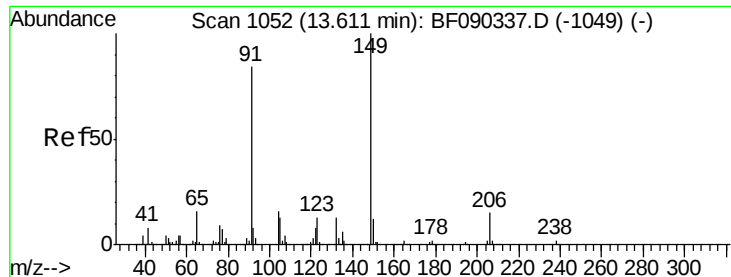
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#78
 Terphenyl-d14
 Concen: 103.56 ng
 RT: 13.14 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Tgt Ion: 244 Resp: 2176503
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.8 10.2
 122 14.9 13.3 19.9





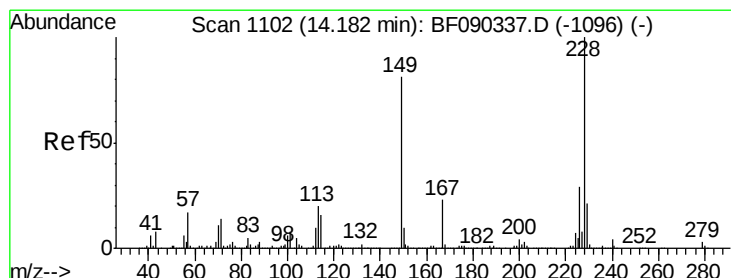
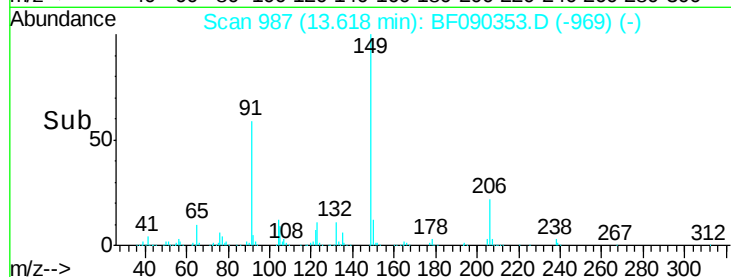
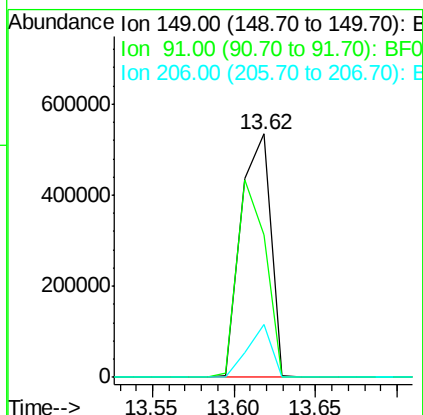
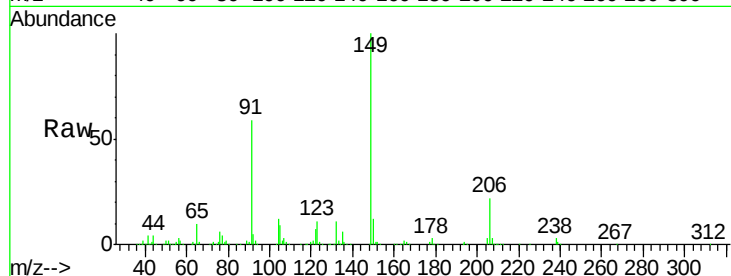
#79
Butylbenzylphthalate
Concen: 54.51 ng
RT: 13.62 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB93778BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	673118		
91	58.7	51.8	77.8	
206	21.7	18.0	27.0	

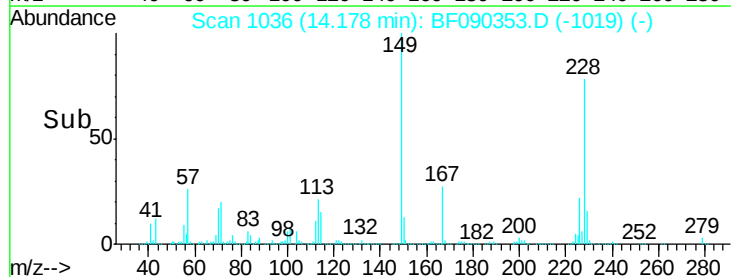
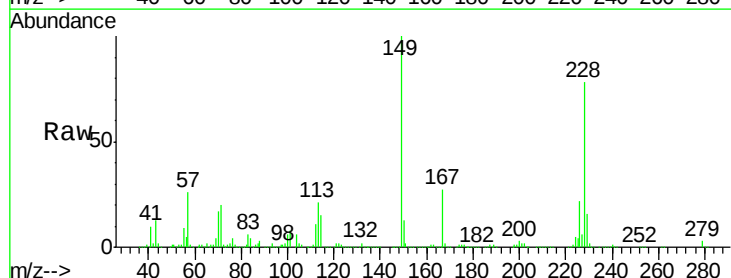
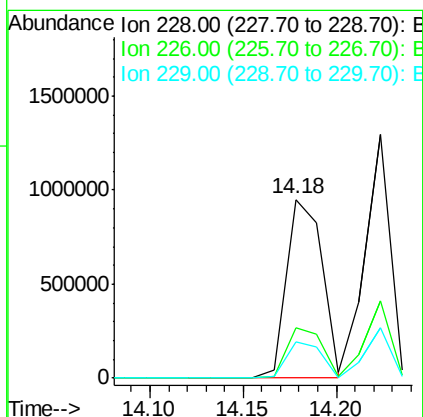
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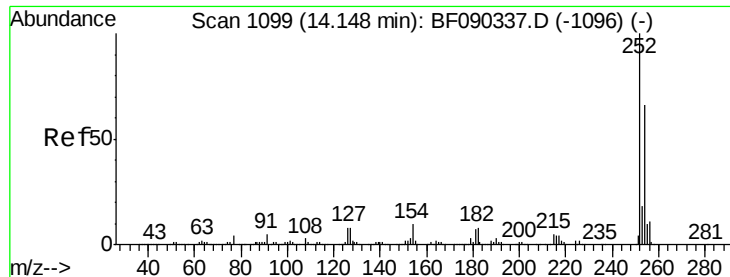
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#80
Benzo(a)anthracene
Concen: 46.11 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1265245		
226	28.4	23.6	35.4	
229	20.6	16.6	25.0	





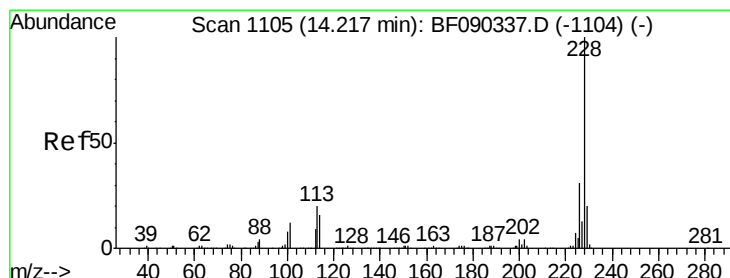
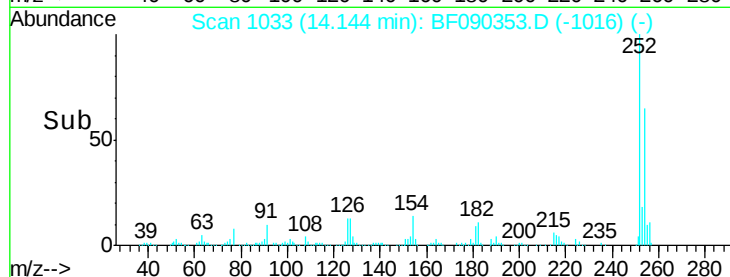
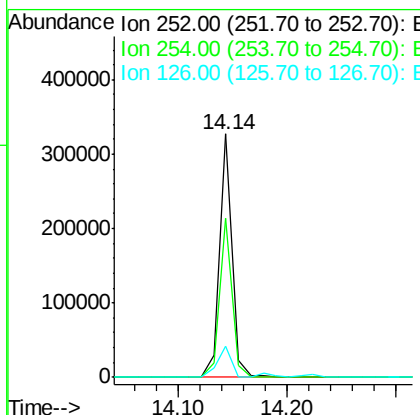
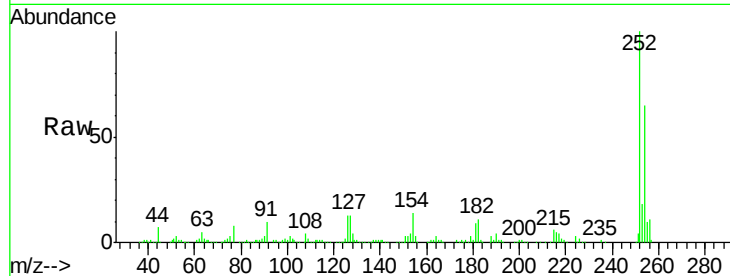
#81
 3,3'-Dichlorobenzidine
 Concen: 27.97 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93778BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	264346		
254	65.1	52.1	78.1	
126	12.7	4.2	6.4	

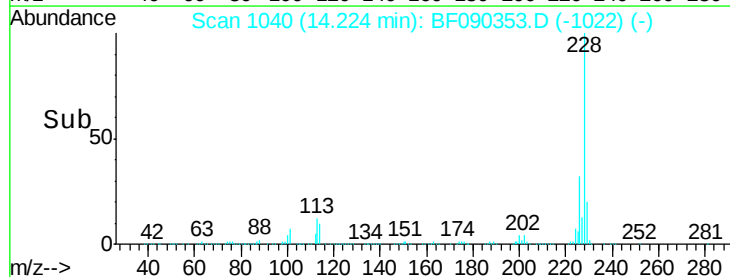
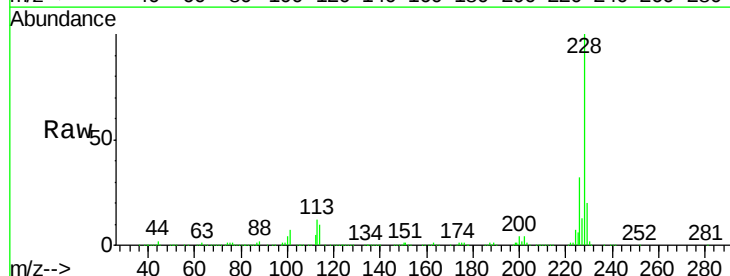
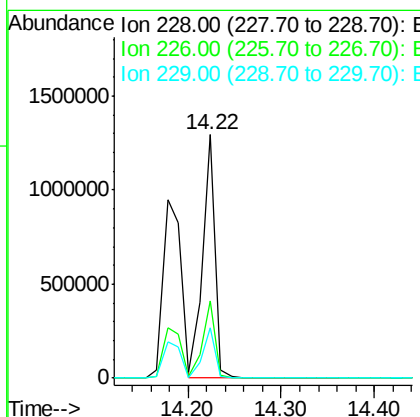
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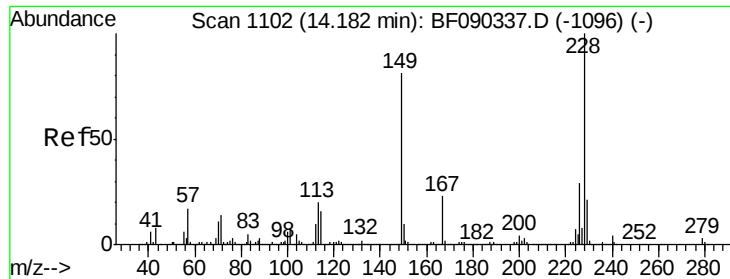
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#82
 Chrysene
 Concen: 47.04 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1209425		
226	31.6	25.8	38.6	
229	20.4	16.9	25.3	





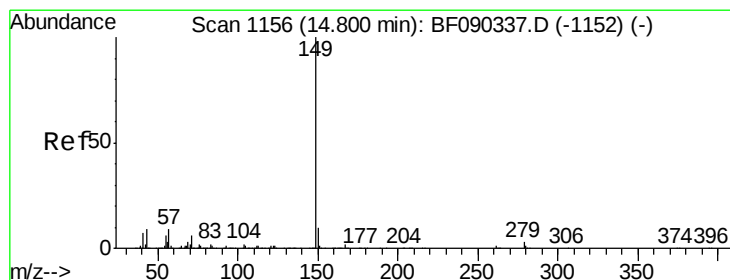
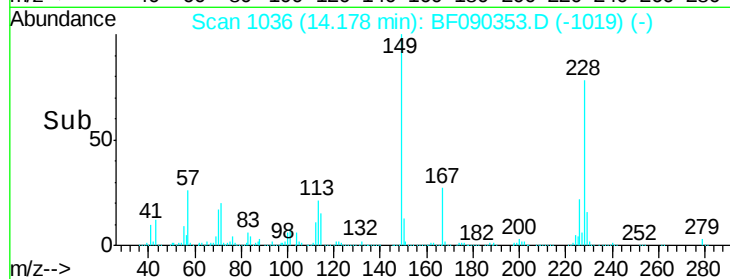
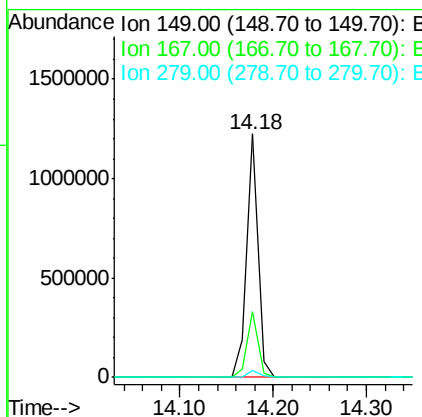
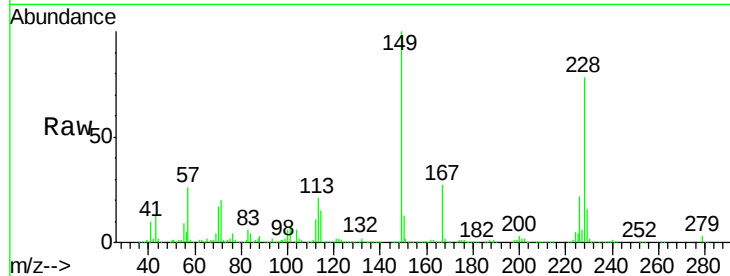
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.41 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93778BS

Tgt Ion:149 Resp: 1035221
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.5 32.3
 279 2.7 2.6 3.8

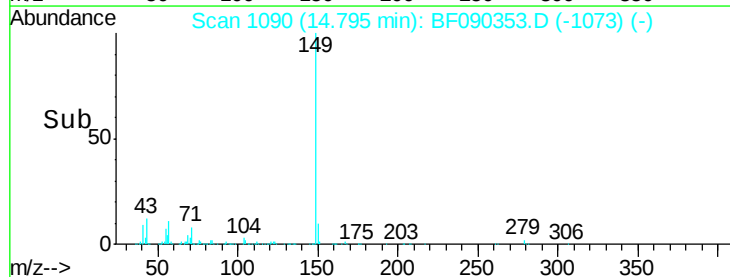
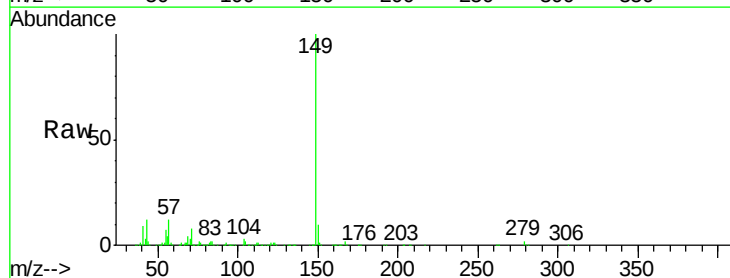
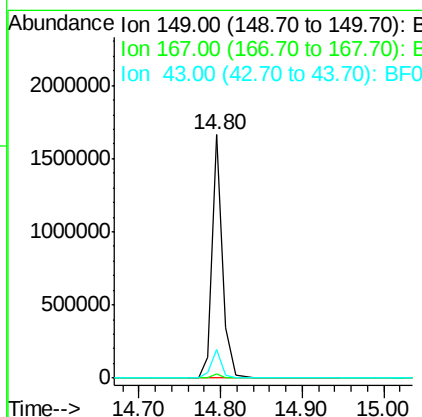
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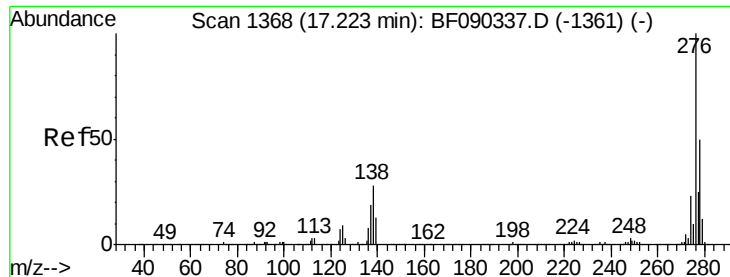
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#84
 Di-n-octyl phthalate
 Concen: 52.52 ng
 RT: 14.80 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Tgt Ion:149 Resp: 1507364
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.9 11.8 17.8





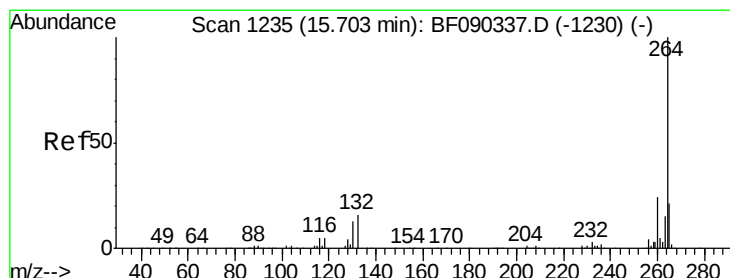
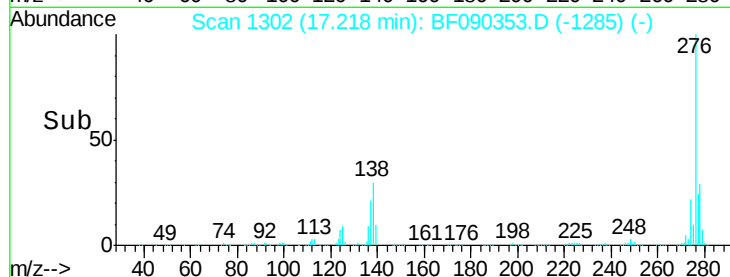
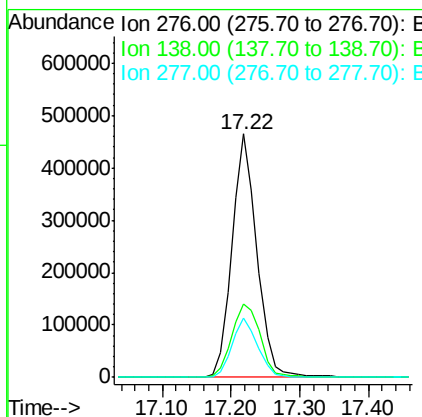
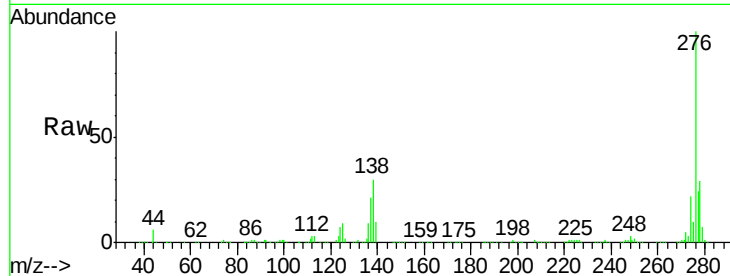
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.58 ng
 RT: 17.22 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93778BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.0	23.8	35.8
277	25.0	20.4	30.6

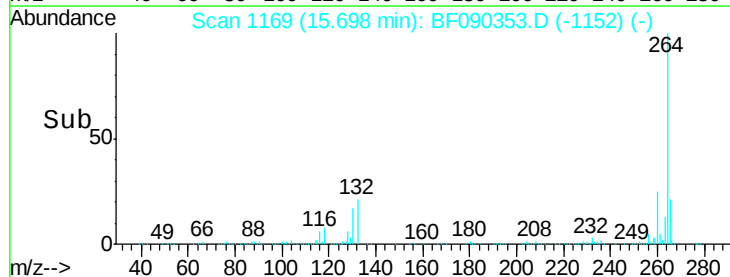
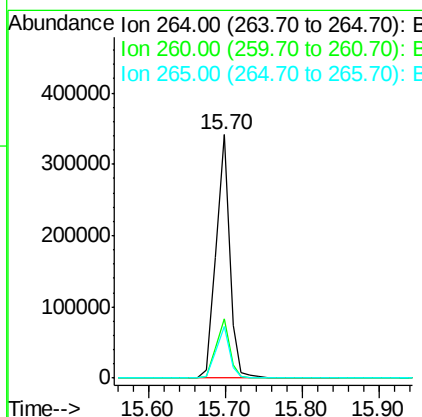
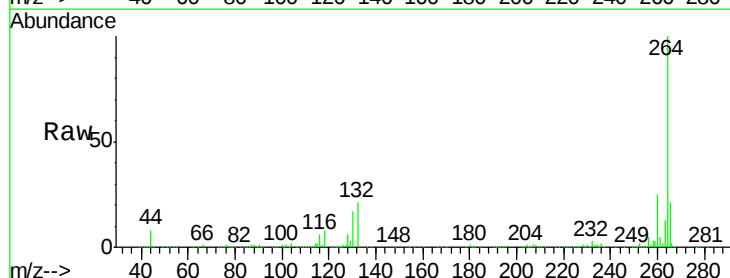
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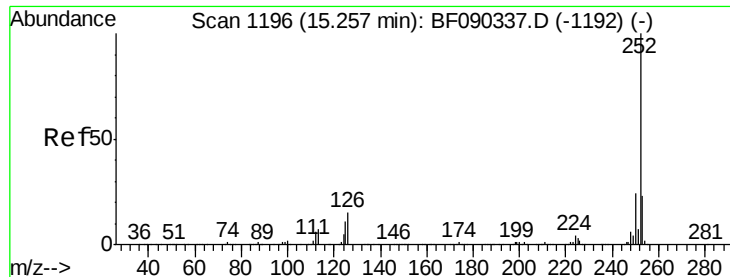
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF090353.D
 Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	21.2	17.4	26.0





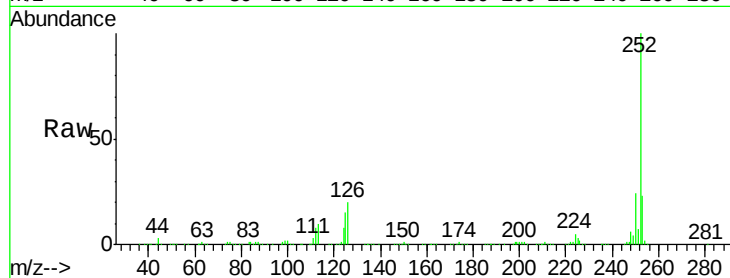
#87
Benzo(b)fluoranthene
Concen: 53.25 ng
RT: 15.25 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB93778BS

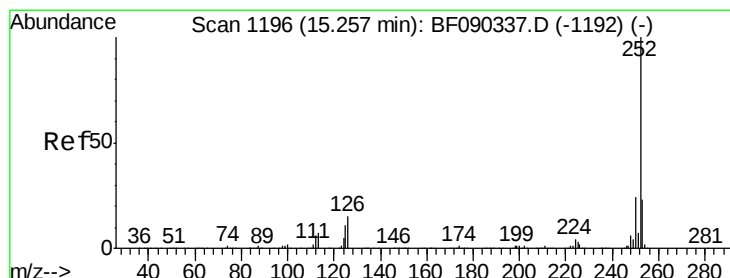
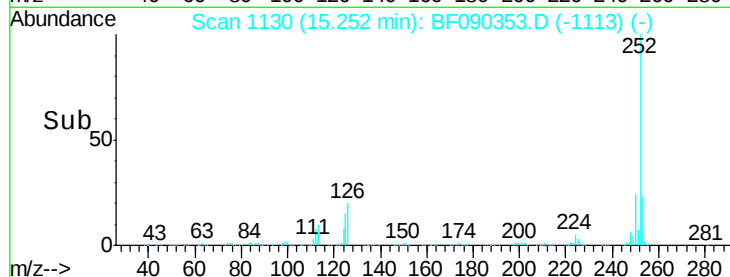
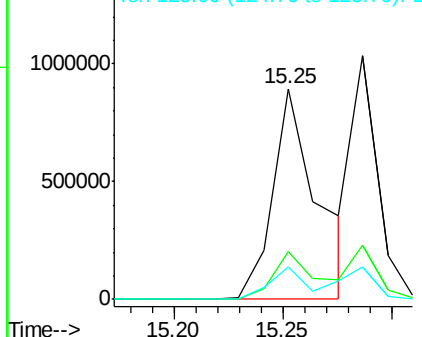
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	15.3	7.0	10.4

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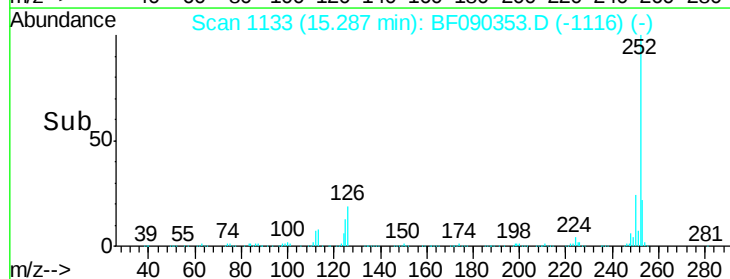
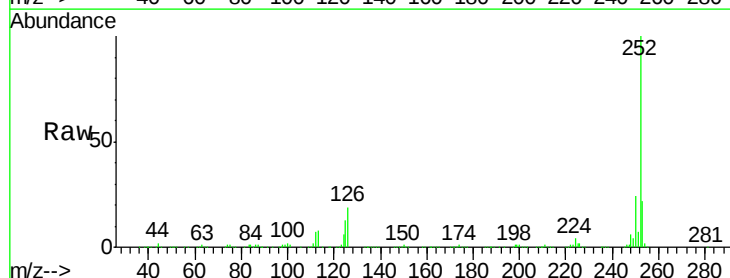
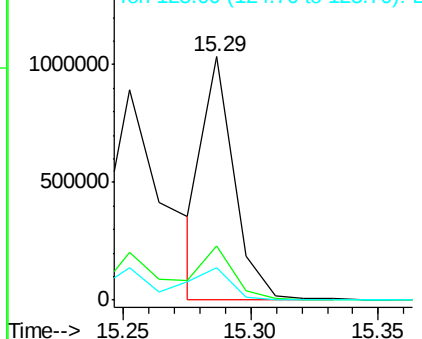
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

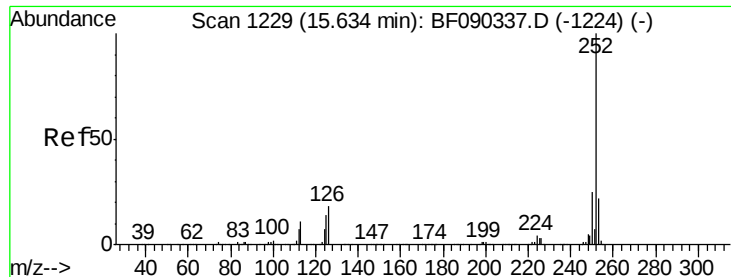


#88
Benzo(k)fluoranthene
Concen: 37.23 ng m
RT: 15.29 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	27.8
125	13.1	11.7	17.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





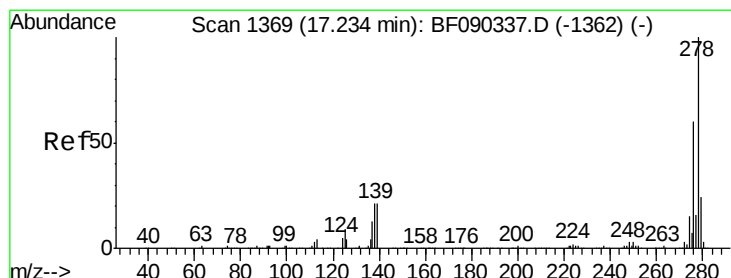
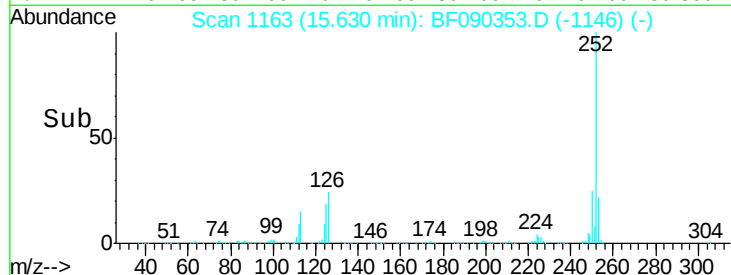
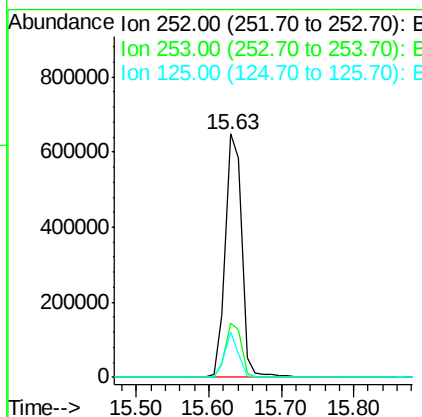
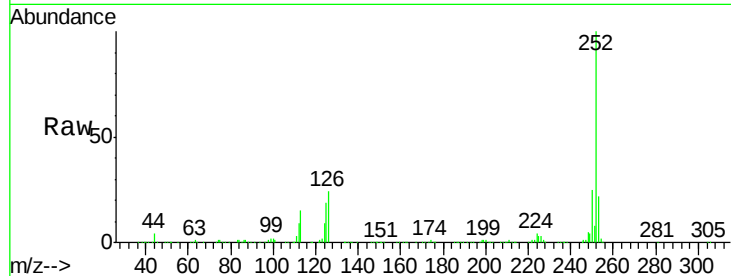
#89
Benzo(a)pyrene
Concen: 46.35 ng
RT: 15.63 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Instrument :
BNA_F
ClientSampleId :
PB93778BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	18.7	9.8	14.8

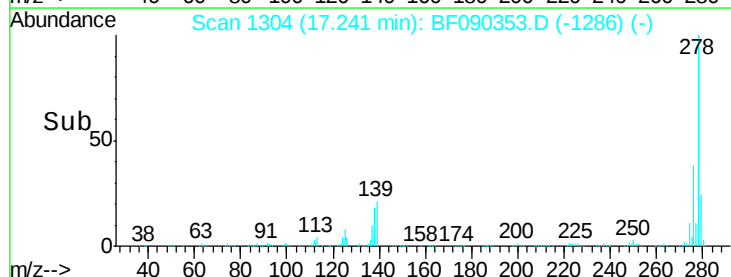
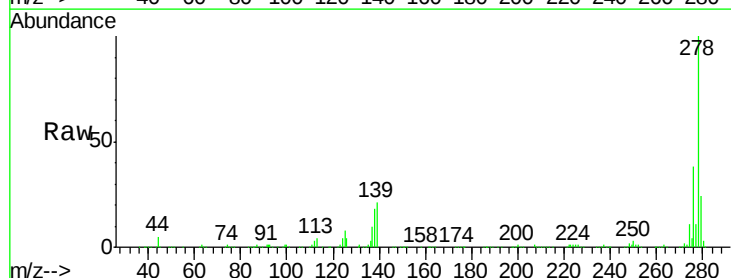
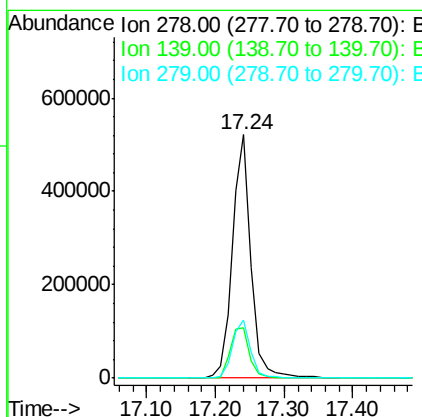
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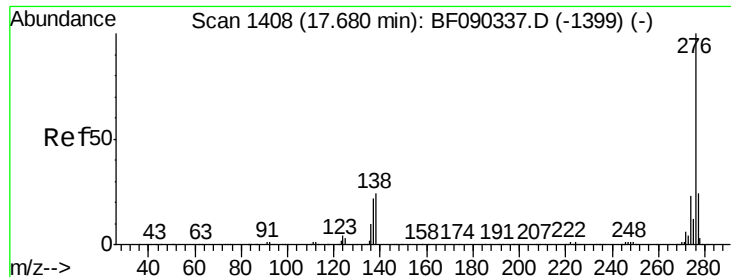
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#90
Dibenzo(a,h)anthracene
Concen: 45.55 ng
RT: 17.24 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF090353.D
Acq: 4 Oct 2016 20:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	12.8	19.2
279	23.9	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 45.59 ng

RT: 17.68 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF090353.D

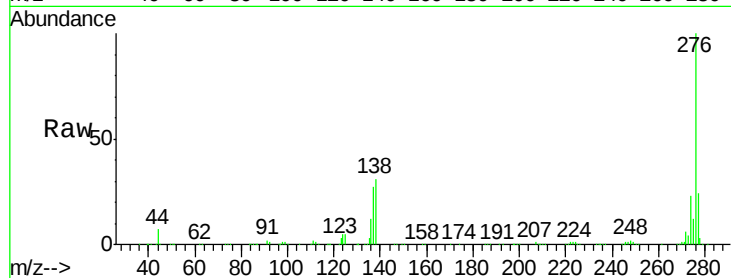
Acq: 4 Oct 2016 20:28

Instrument :

BNA_F

ClientSampleId :

PB93778BS



Tgt Ion: 276 Resp: 968546

Ion Ratio Lower Upper

276 100

277 24.1 19.4 29.0

138 31.1 20.8 31.2

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