

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110716\
 Data File : BF091054.D
 Acq On : 7 Nov 2016 14:31
 Operator : UM/SJ
 Sample : PB94546BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94546BS

Manual Integrations
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 11/8/2016 4:31:44 PM

Quant Time: Nov 08 10:16:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	193212	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	811915	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	395864	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	691565	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	574779	20.00	ng	-0.03
86) Perylene-d12	15.21	264	427674	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1345588	115.02	ng	-0.02
7) Phenol-d6	6.33	99	1681835	105.92	ng	-0.02
23) Nitrobenzene-d5	7.24	82	1139808	76.58	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	498416	139.27	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	2049192	89.12	ng	-0.02
78) Terphenyl-d14	12.79	244	2022025	87.79	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.22	88	187952	28.09	ng	99
3) Pyridine	2.86	79	578858	36.97	ng	100
4) n-Nitrosodimethylamine	2.83	42	218872	35.34	ng	92
6) Aniline	6.34	93	383940	20.50	ng	# 1
8) 2-Chlorophenol	6.45	128	511071	36.62	ng	93
9) Benzaldehyde	6.21	77	66864	7.59	ng	96
10) Phenol	6.34	94	646906	36.81	ng	# 72
11) bis(2-Chloroethyl)ether	6.42	93	549000	37.07	ng	89
12) 1,3-Dichlorobenzene	6.61	146	506660	35.90	ng	99
13) 1,4-Dichlorobenzene	6.69	146	515030	34.01	ng	100
14) 1,2-Dichlorobenzene	6.84	146	527252	37.94	ng	99
15) Benzyl Alcohol	6.83	79	450438	40.22	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.97	45	726249	34.25	ng	98
17) 2-Methylphenol	6.94	107	410821	37.19	ng	98
18) Hexachloroethane	7.18	117	207826	35.46	ng	97
19) n-Nitroso-di-n-propylamine	7.09	70	422055	38.36	ng	99
20) 3+4-Methylphenols	7.10	107	538361	40.59	ng	97
22) Acetophenone	7.09	105	733384	39.23	ng	97
24) Nitrobenzene	7.26	77	640519	38.97	ng	99
25) Isophorone	7.50	82	1094124	38.15	ng	100
26) 2-Nitrophenol	7.58	139	264238	37.99	ng	# 69
27) 2,4-Dimethylphenol	7.63	122	446162	38.78	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	679222	43.35	ng	100
29) 2,4-Dichlorophenol	7.82	162	388090	38.65	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	427620	37.88	ng	100
31) Naphthalene	7.98	128	1485160	38.25	ng	99
32) Benzoic acid	7.78	122	234938	28.48	ng	99
33) 4-Chloroaniline	8.04	127	154896	9.59	ng	96
34) Hexachlorobutadiene	8.10	225	214542	35.21	ng	99
35) Caprolactam	8.42	113	144421m	45.79	ng	
36) 4-Chloro-3-methylphenol	8.54	107	466856	38.41	ng	97
37) 2-Methylnaphthalene	8.67	142	910224	36.47	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	414879	41.11	ng	99
40) Hexachlorocyclopentadiene	8.83	237	368713	92.97	ng	97

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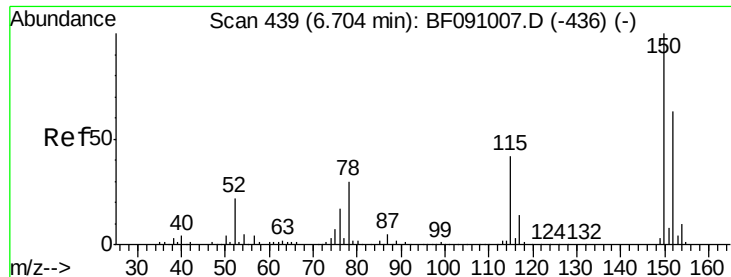
Manual Integrations
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 11/8/2016 4:31:44 PM

Quant Time: Nov 08 10:16:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	256722	39.40	nq	100
43) 2,4,5-Trichlorophenol	9.01	196	297245	43.45	nq	97
45) 1,1'-Biphenyl	9.14	154	1112331	38.48	nq	99
46) 2-Chloronaphthalene	9.16	162	896703	40.86	nq	99
47) 2-Nitroaniline	9.26	65	313034	38.44	nq	87
48) Acenaphthylene	9.57	152	1256469	36.74	nq	100
49) Dimethylphthalate	9.45	163	984947	37.94	nq	99
50) 2,6-Dinitrotoluene	9.52	165	237374	42.67	nq	# 63
51) Acenaphthene	9.74	154	779049	36.28	nq	99
52) 3-Nitroaniline	9.68	138	117293	17.78	nq	96
53) 2,4-Dinitrophenol	9.79	184	204231	68.38	nq	# 69
54) Dibenzofuran	9.92	168	1187200	41.07	nq	98
55) 4-Nitrophenol	9.86	139	316895	72.69	nq	96
56) 2,4-Dinitrotoluene	9.92	165	291810	41.23	nq	# 70
57) Fluorene	10.26	166	880067	37.25	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.04	232	213549	39.85	nq	94
59) Diethylphthalate	10.16	149	1079721	40.57	nq	97
60) 4-Chlorophenyl-phenylether	10.26	204	484306	45.04	nq	94
61) 4-Nitroaniline	10.29	138	225971	33.86	nq	87
62) Azobenzene	10.42	77	1321011	42.17	nq	92
64) 4,6-Dinitro-2-methylphenol	10.33	198	140702	33.23	nq	# 44
65) n-Nitrosodiphenylamine	10.38	169	893166	40.63	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	259939	36.14	nq	# 67
67) Hexachlorobenzene	10.81	284	275839	34.77	nq	# 89
68) Atrazine	10.91	200	231722	36.54	nq	95
69) Pentachlorophenol	11.01	266	300821	85.61	nq	99
70) Phenanthrene	11.22	178	1365547	37.14	nq	100
71) Anthracene	11.28	178	1494559	38.24	nq	100
72) Carbazole	11.44	167	1317505	37.41	nq	97
73) Di-n-butylphthalate	11.77	149	1538639	34.73	nq	# 98
74) Fluoranthene	12.41	202	1395644	36.60	nq	87
76) Benzidine	12.53	184	262811	20.47	nq	97
77) Pyrene	12.63	202	1331118	35.36	nq	100
79) Butylbenzylphthalate	13.25	149	665191	36.94	nq	92
80) Benzo(a)anthracene	13.81	228	1264349	38.74	nq	100
81) 3,3'-Dichlorobenzidine	13.78	252	211306	18.43	nq	# 95
82) Chrysene	13.86	228	1270270	39.47	nq	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	918491	37.69	nq	# 96
84) Di-n-octyl phthalate	14.43	149	1446933	36.12	nq	99
85) Indeno(1,2,3-cd)pyrene	16.51	276	929989	34.83	nq	99
87) Benzo(b)fluoranthene	14.83	252	1260403m	43.45	nq	
88) Benzo(k)fluoranthene	14.85	252	818389m	32.16	nq	
89) Benzo(a)pyrene	15.15	252	912546	36.14	nq	# 97
90) Dibenzo(a,h)anthracene	16.51	278	792805	36.32	nq	98
91) Benzo(g,h,i)perylene	16.89	276	731377	37.05	nq	99

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



#1

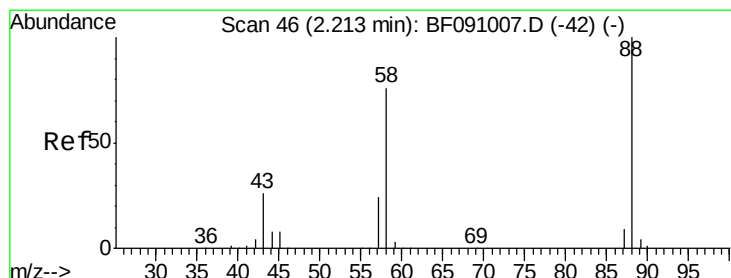
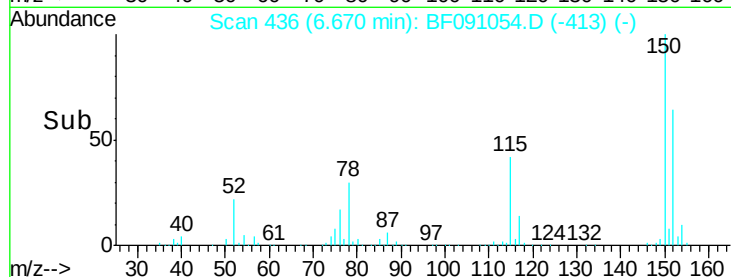
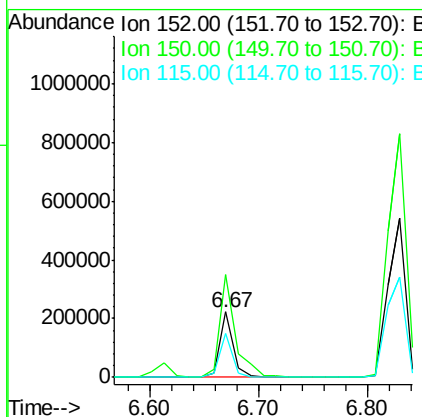
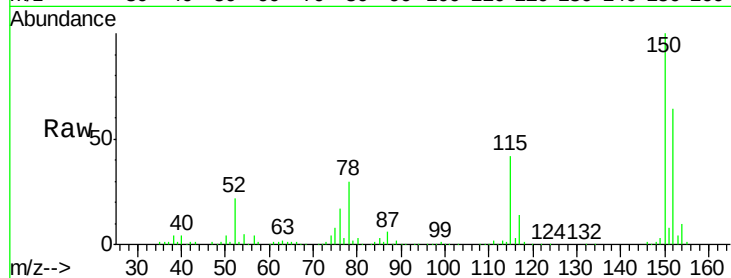
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampled :
PB94546BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.8	190.2
115	66.6	53.3	79.9

Manual Integrations
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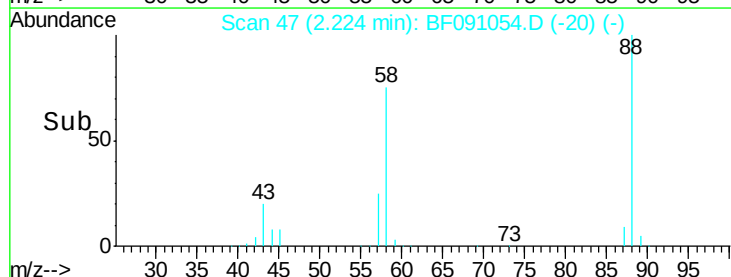
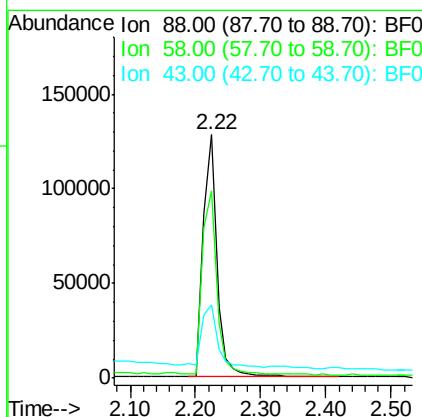
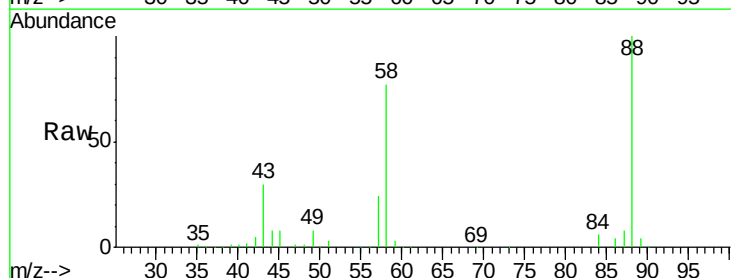
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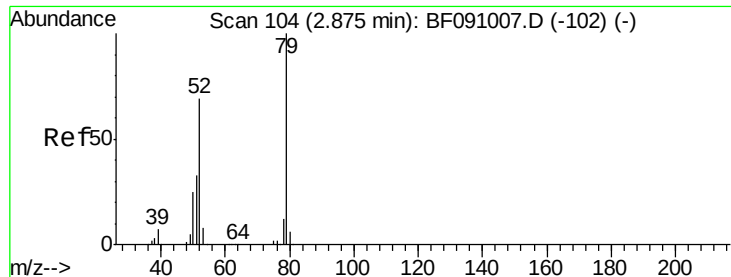


#2

1,4-Dioxane
Concen: 28.09 ng
RT: 2.22 min Scan# 47
Delta R.T. 0.01 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	63.8	95.6
43	29.2	22.6	33.8





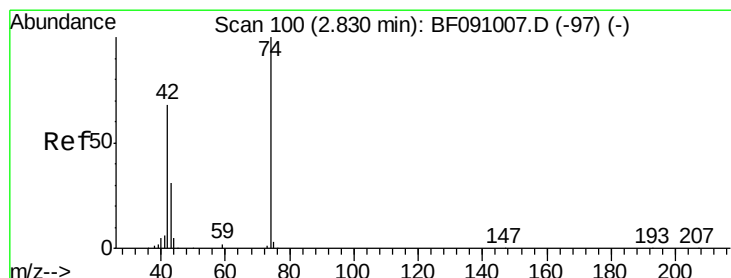
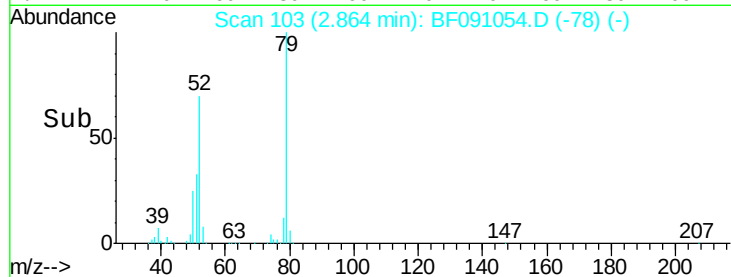
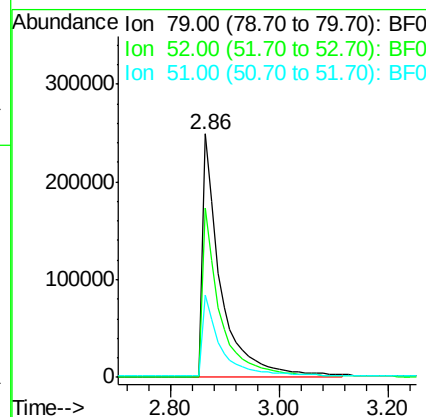
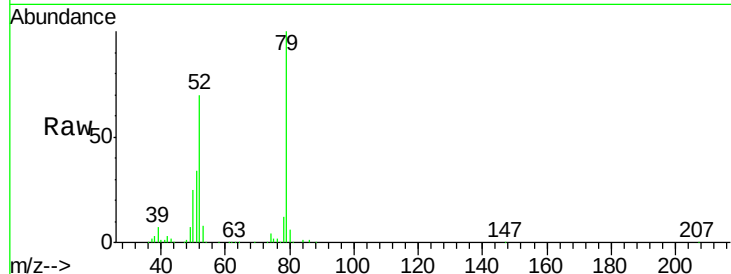
#3
 Pvridine
 Concen: 36.97 ng
 RT: 2.86 min Scan# 103
 Delta R.T. -0.01 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB94546BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	578858		
52	69.7		55.4	83.0
51	34.0		27.4	41.0

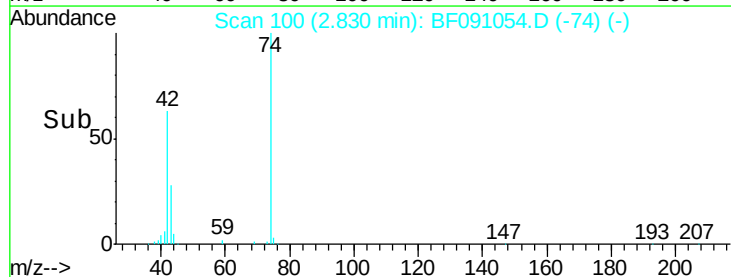
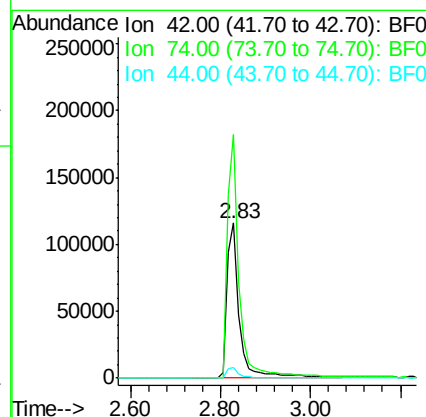
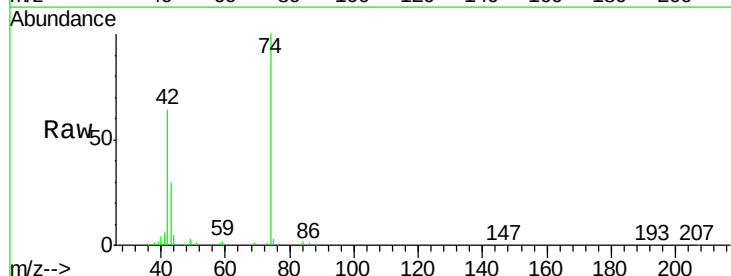
Manual Integrations
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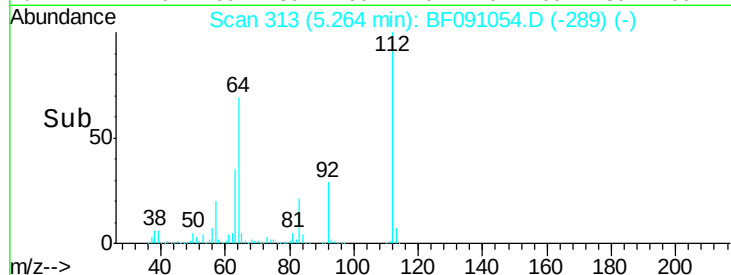
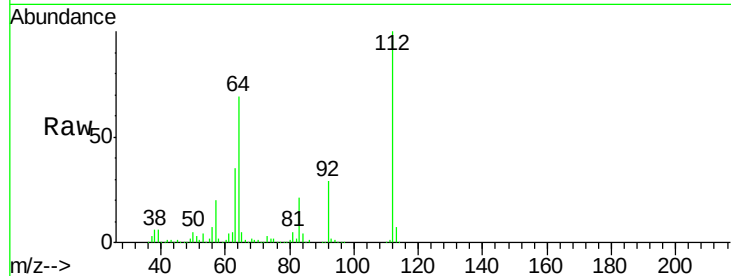
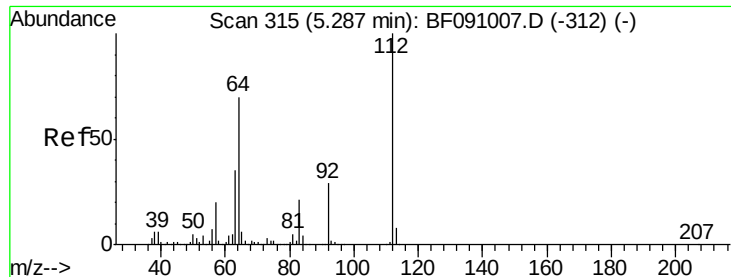
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#4
 n-Nitrosodimethylamine
 Concen: 35.34 ng
 RT: 2.83 min Scan# 100
 Delta R.T. 0.00 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	218872		
74	157.1		117.3	175.9
44	7.2		5.8	8.8





#5

2-Fluorophenol

Concen: 115.02 ng

RT: 5.26 min Scan# 313

Delta R.T. -0.02 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB94546BS

Tot Ion:112 Resp: 1345588

Ion Ratio Lower Upper

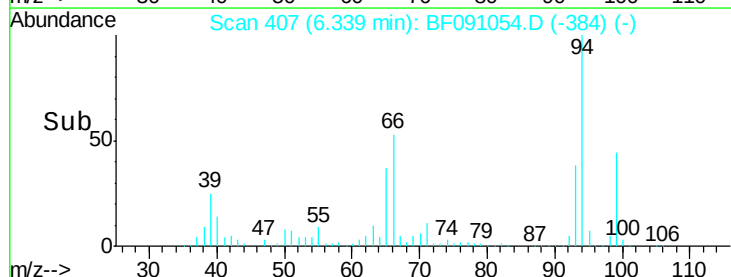
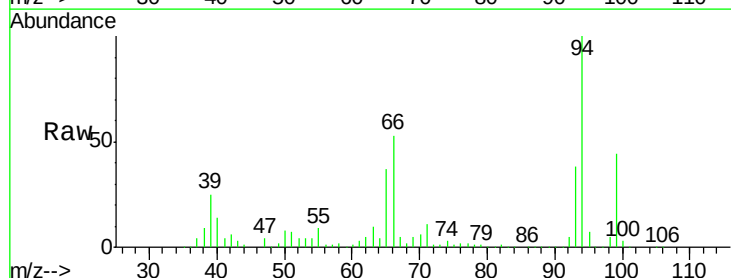
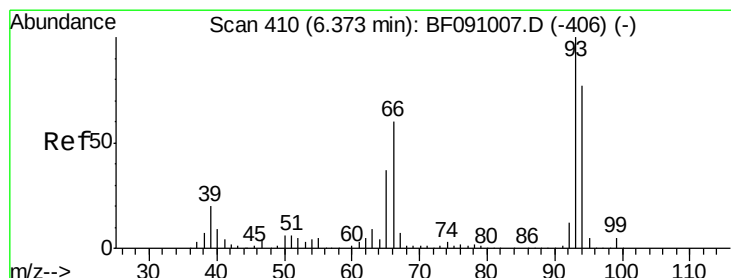
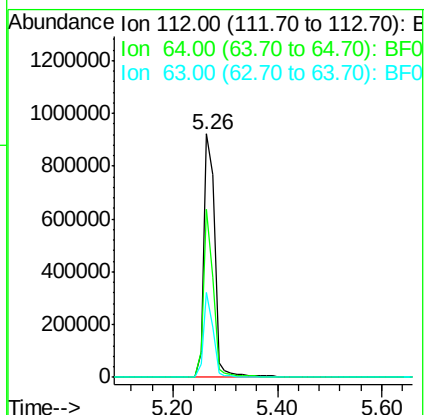
112 100

64 69.1 55.8 83.6

63 34.8 28.0 42.0

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#6

Aniline

Concen: 20.50 ng

RT: 6.34 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

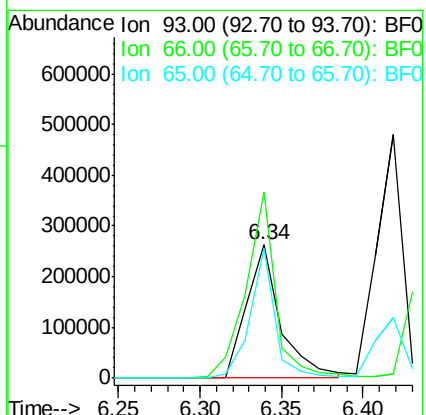
Tgt Ion: 93 Resp: 383940

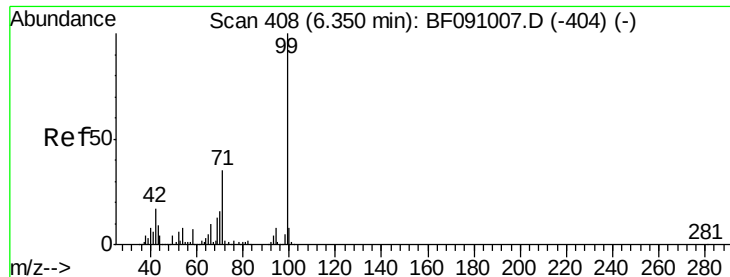
Ion Ratio Lower Upper

93 100

66 139.6 48.2 72.2#

65 97.7 29.4 44.0#





#7

Phenol-d6

Concen: 105.92 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB94546BS

Tot Ion: 99 Resp: 1681835

Ion Ratio Lower Upper

99 100

42 17.2 13.9 20.9

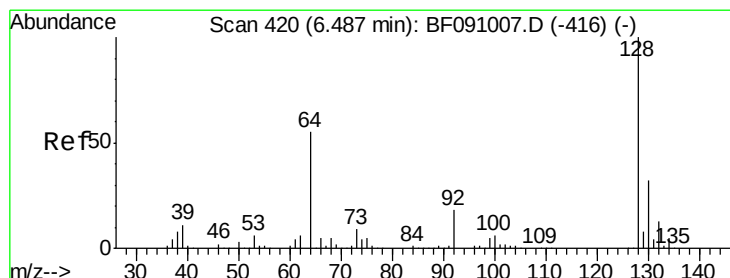
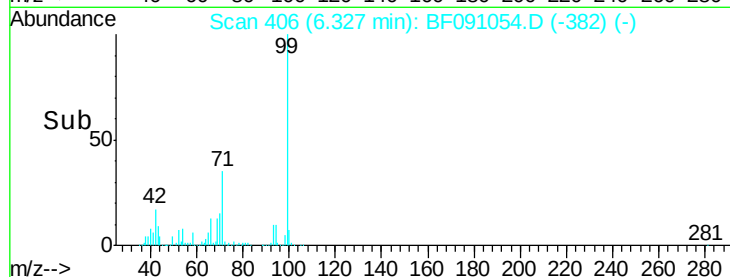
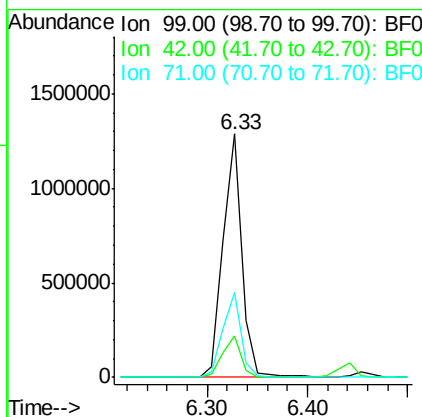
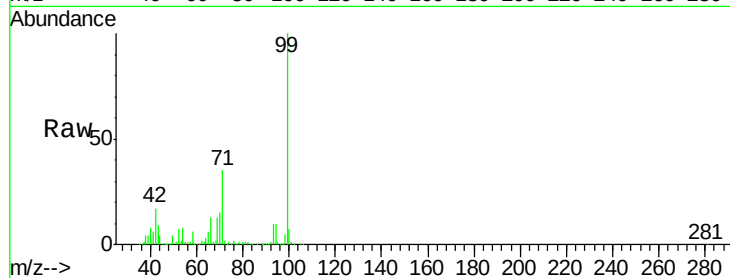
71 34.6 27.8 41.8

Manual Integrations

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#8

2-Chlorophenol

Concen: 36.62 ng

RT: 6.45 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

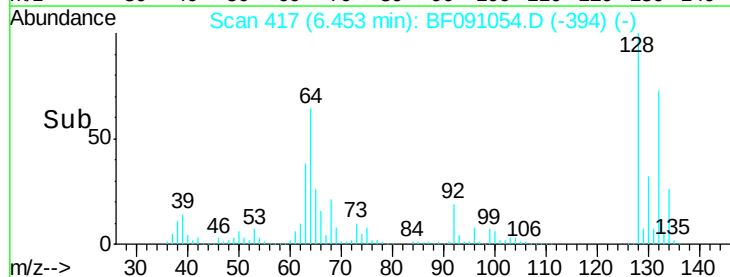
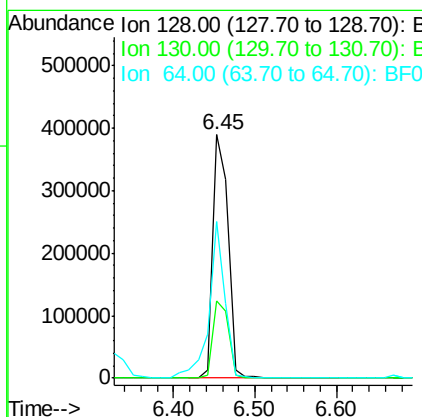
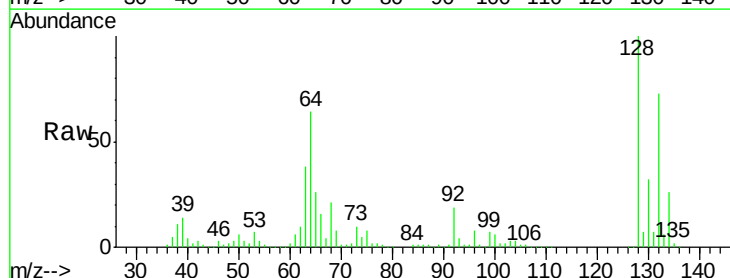
Tgt Ion: 128 Resp: 511071

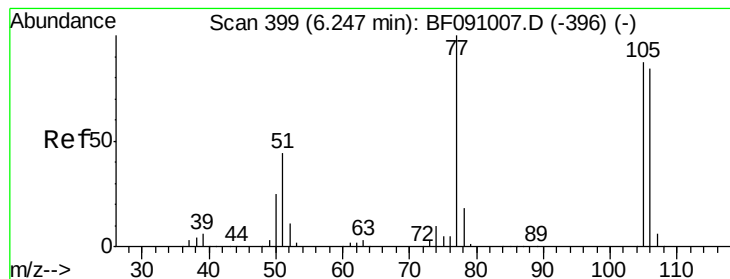
Ion Ratio Lower Upper

128 100

130 31.6 12.0 52.0

64 64.5 37.2 77.2





#9

Benzaldehyde

Concen: 7.59 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

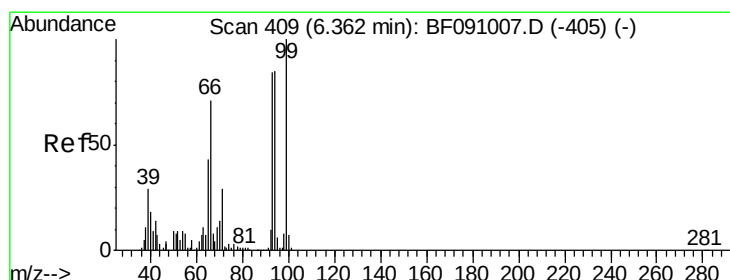
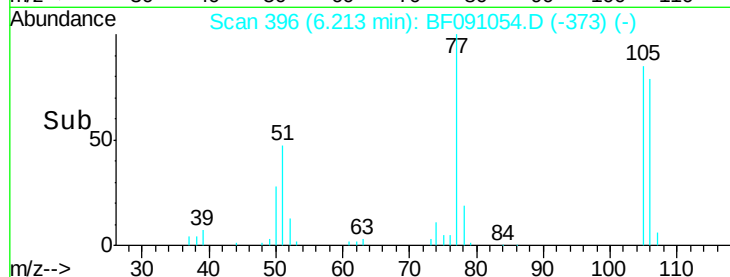
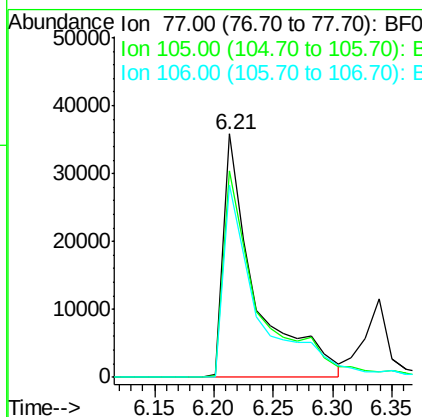
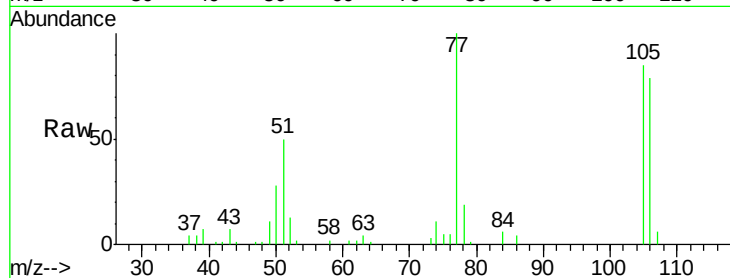
ClientSampleId :

PB94546BS

Tot Ion:	77	Resp:	66864
Ion	Ratio	Lower	Upper
77	100		
105	84.8	66.8	106.8
106	79.1	64.0	104.0

Manual Integrations
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#10

Phenol

Concen: 36.81 ng

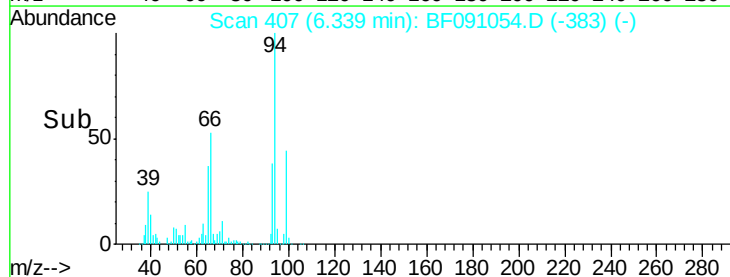
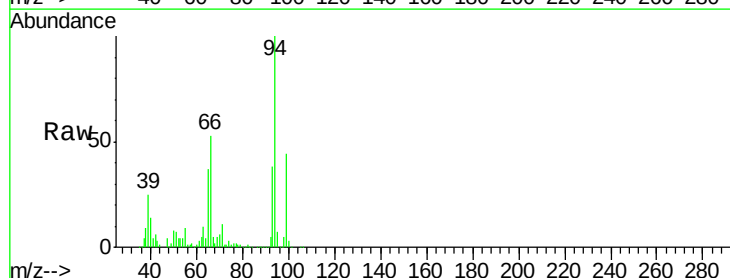
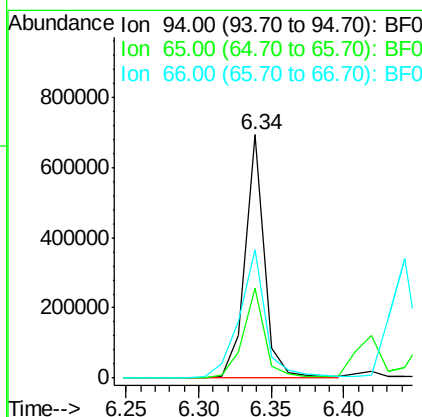
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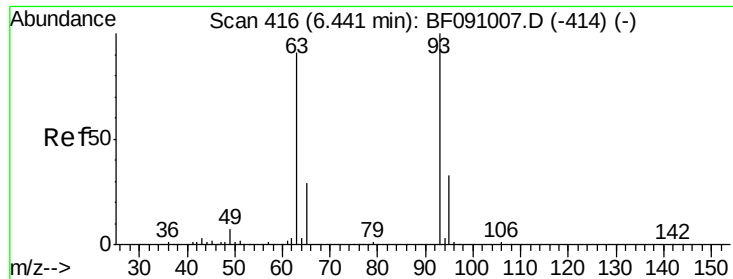
Delta R.T. -0.02 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Tgt Ion:	94	Resp:	646906
Ion	Ratio	Lower	Upper
94	100		
65	37.0	30.4	70.4
66	52.8	62.9	102.9#





#11

bis(2-Chloroethyl)ether

Concen: 37.07 ng

RT: 6.42 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

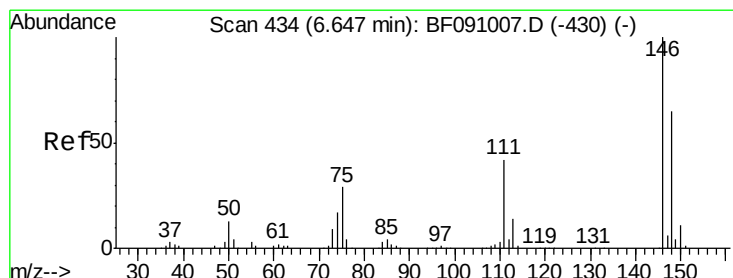
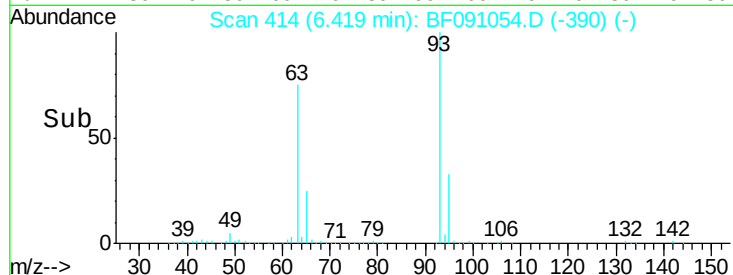
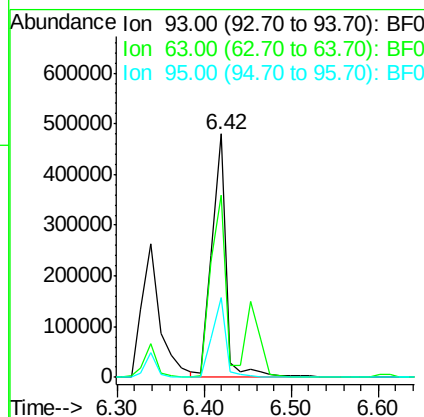
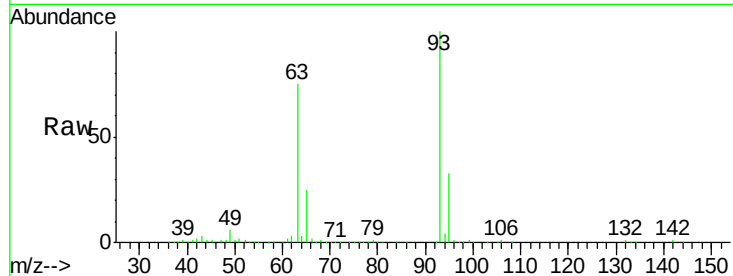
ClientSampleId :

PB94546BS

Tot Ion:	93	Resp:	549000
Ion	Ratio	Lower	Upper
93	100		
63	75.0	68.9	108.9
95	33.0	12.3	52.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 35.90 ng

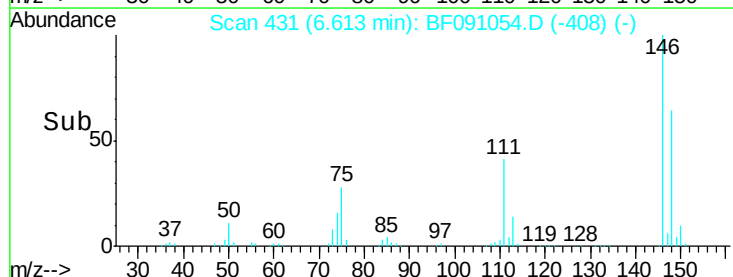
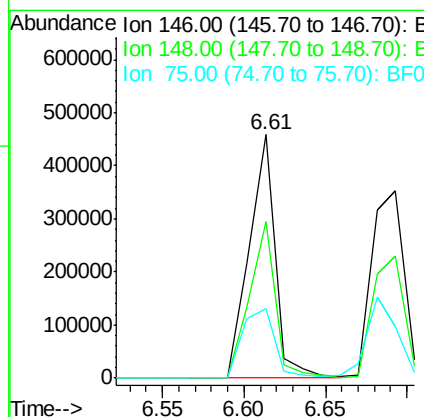
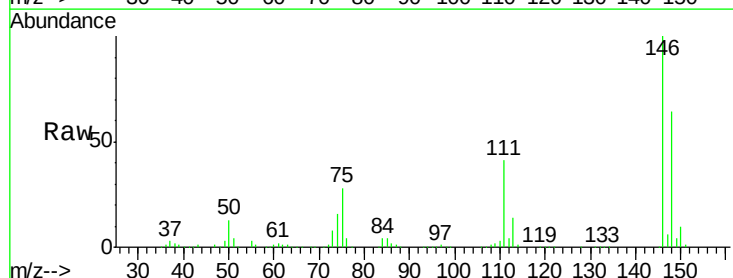
RT: 6.61 min Scan# 431

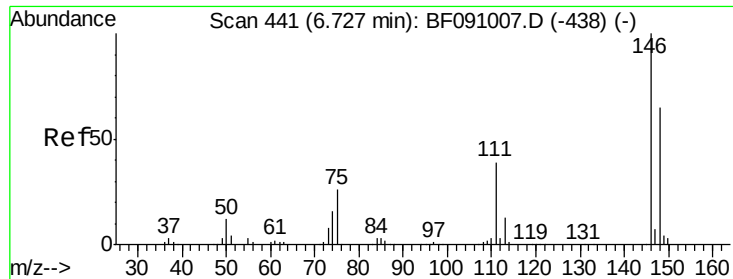
Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Tgt Ion:	146	Resp:	506660
Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.0	78.0
75	28.4	23.0	34.6





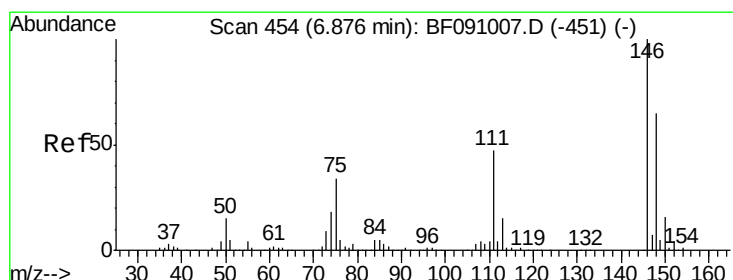
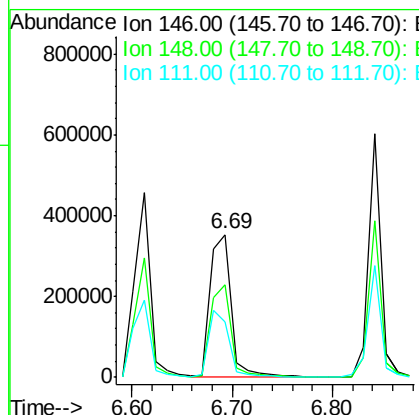
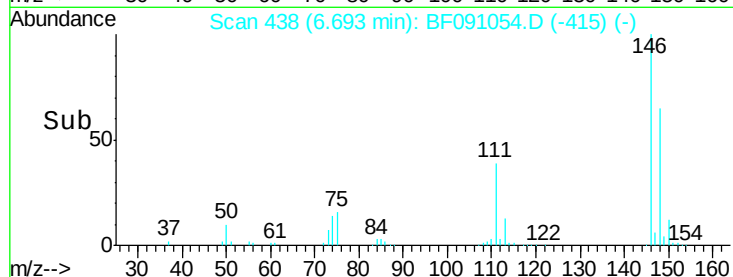
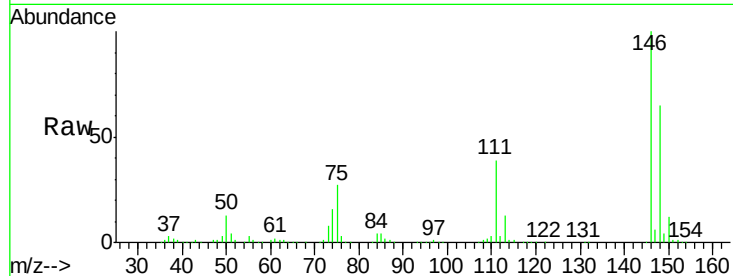
#13
 1,4-Dichlorobenzene
 Concen: 34.01 ng
 RT: 6.69 min Scan# 438
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampled :
 PB94546BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.1	78.1
111	39.1	31.6	47.4

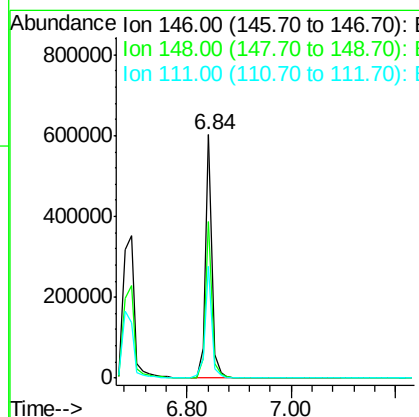
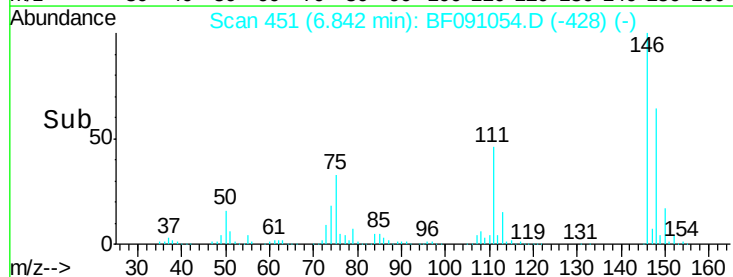
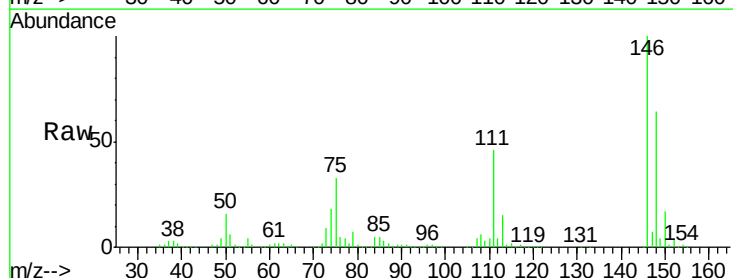
Manual Integrations
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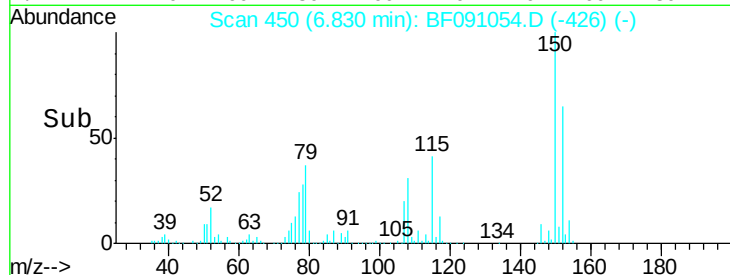
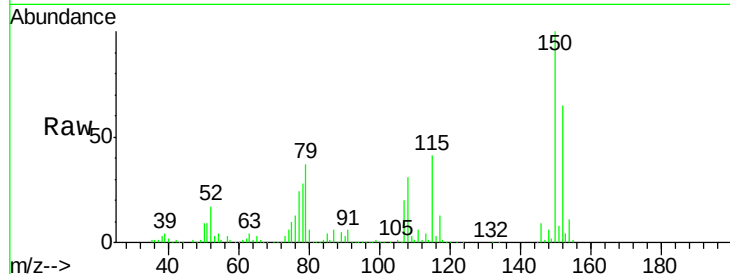
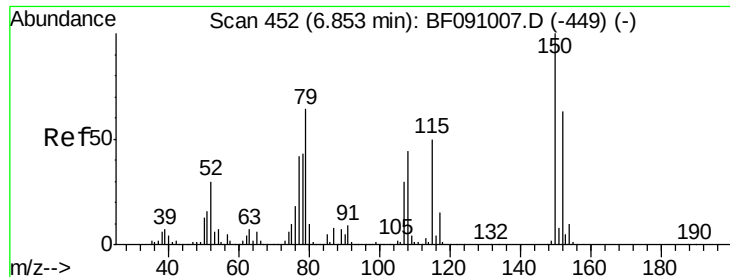
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#14
 1,2-Dichlorobenzene
 Concen: 37.94 ng
 RT: 6.84 min Scan# 451
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
111	45.8	37.3	55.9





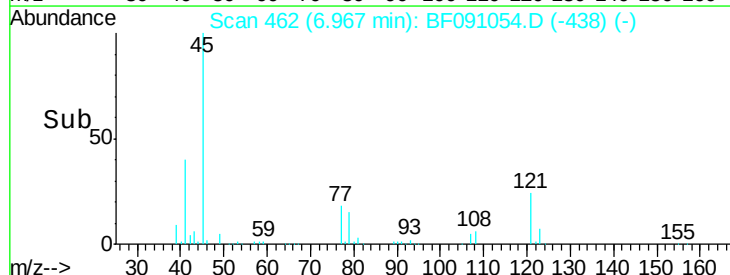
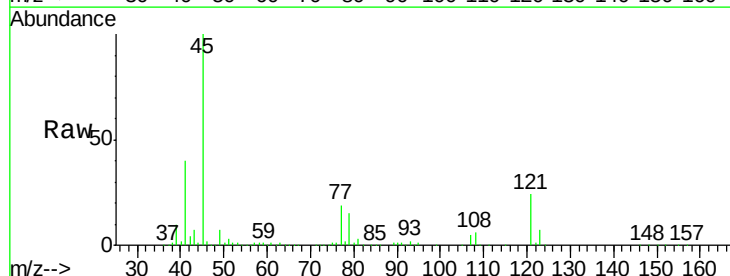
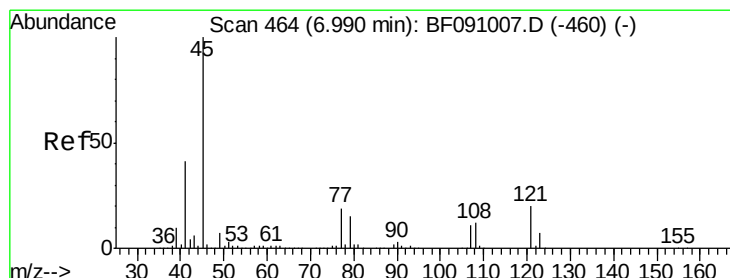
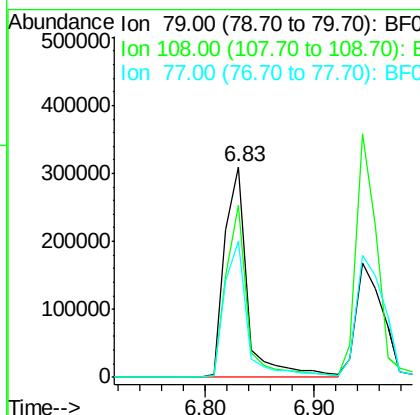
#15
Benzyl Alcohol
Concen: 40.22 ng
RT: 6.83 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.9	55.7	83.5
77	64.6	52.6	79.0

Instrument :
BNA_F
ClientSampled :
PB94546BS

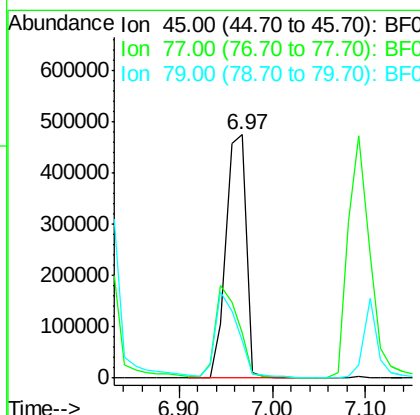
Manual Integrations
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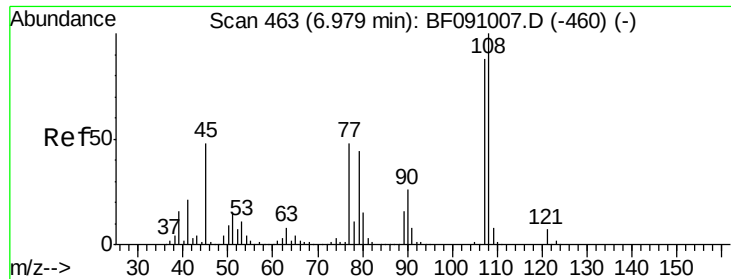
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.25 ng
RT: 6.97 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.7	0.0	39.6
79	15.4	0.0	35.9





#17

2-Methylphenol

Concen: 37.19 ng

RT: 6.94 min Scan# 460

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

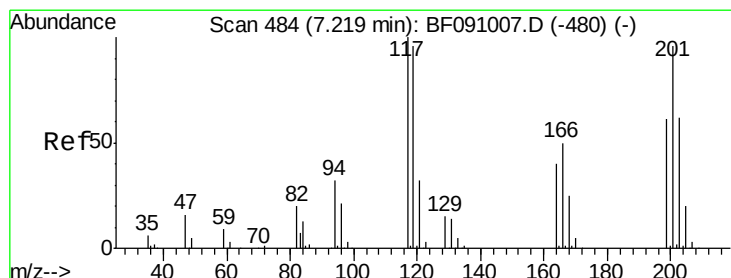
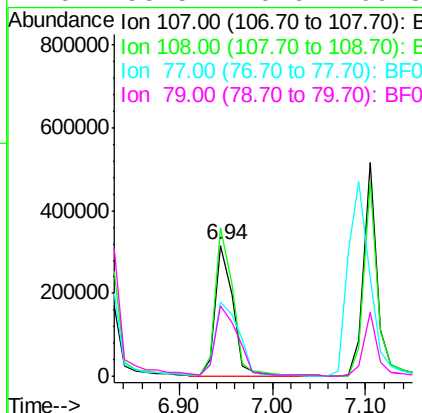
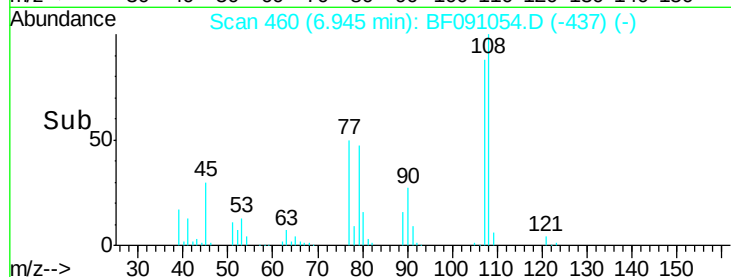
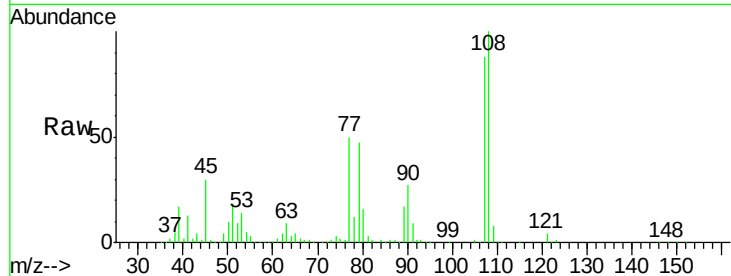
ClientSampled :

PB94546BS

Tot Ion:	107	Resp:	410821
Ion Ratio	Lower	Upper	
107	100		
108	113.4	91.0	136.6
77	56.8	43.8	65.8
79	53.5	40.6	60.8

Manual Integrations
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#18

Hexachloroethane

Concen: 35.46 ng

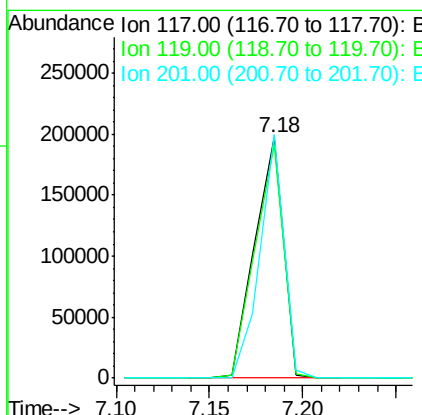
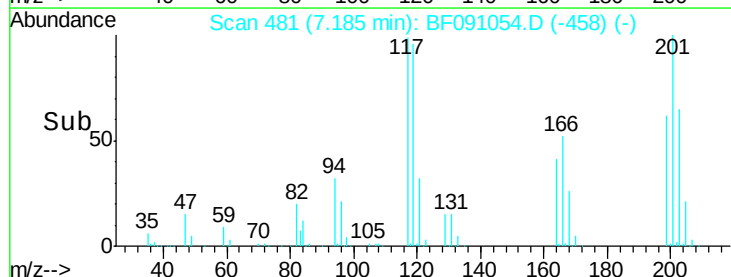
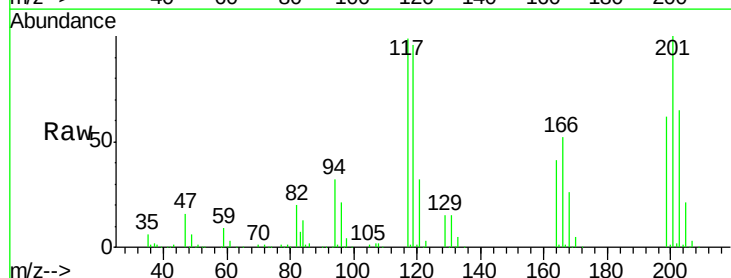
RT: 7.18 min Scan# 481

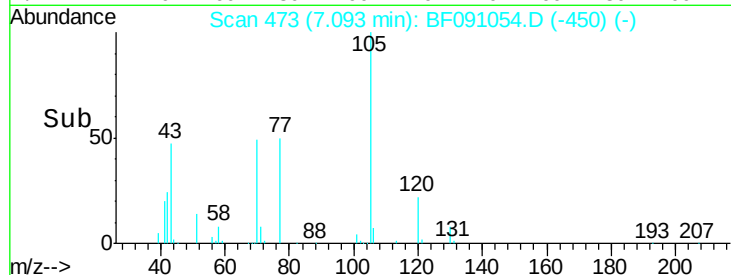
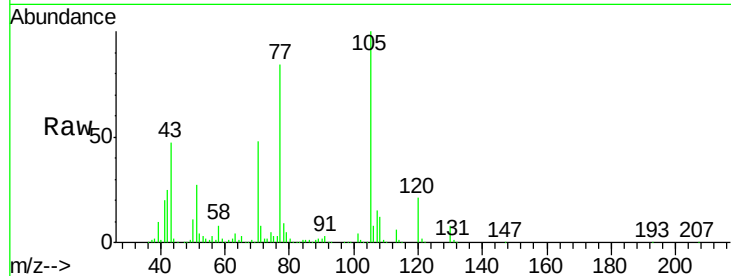
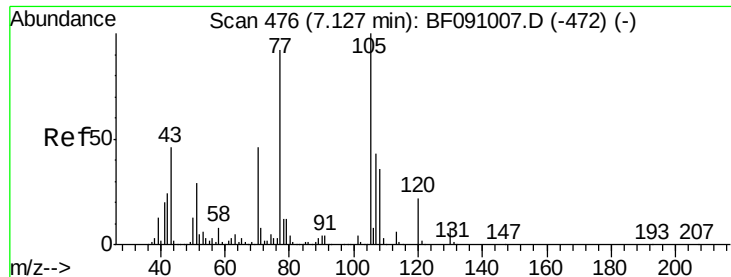
Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Tgt Ion:	117	Resp:	207826
Ion Ratio	Lower	Upper	
117	100		
119	97.1	76.6	115.0
201	101.1	77.1	115.7





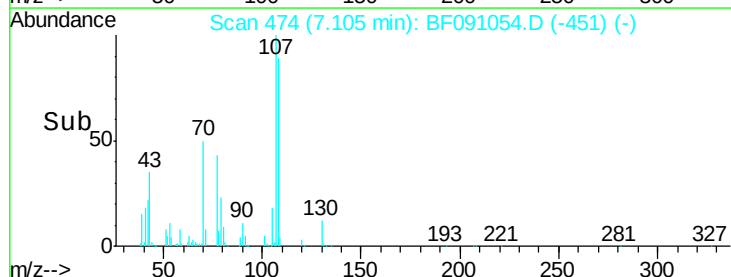
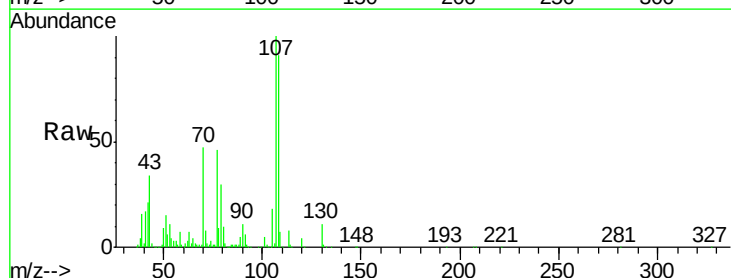
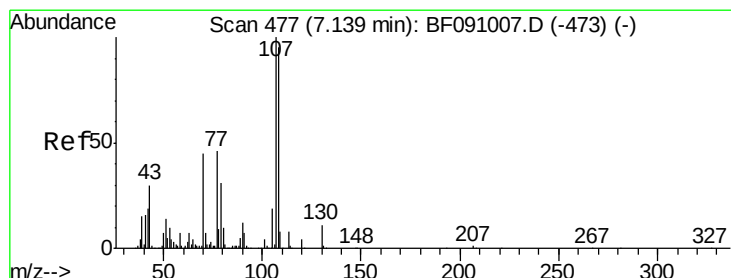
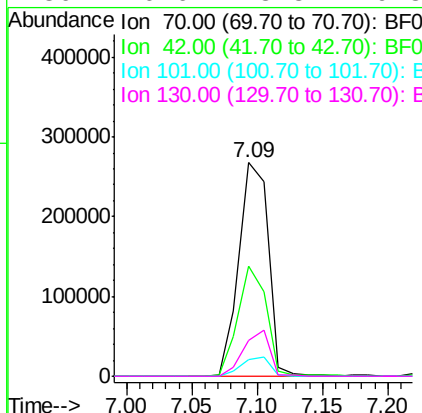
#19
n-Nitroso-di-n-propylamine
Concen: 38.36 ng
RT: 7.09 min Scan# 473
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB94546BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.6	41.7	62.5
101	8.1	6.7	10.1
130	16.6	13.8	20.8

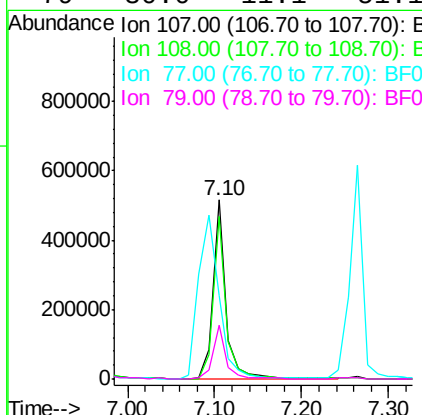
Manual Integrations
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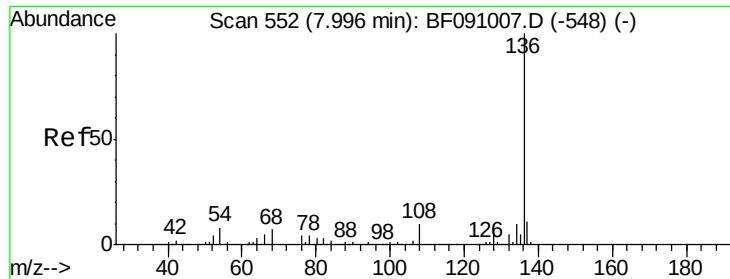
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#20
3+4-Methylphenols
Concen: 40.59 ng
RT: 7.10 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.0	75.5	115.5
77	46.3	26.4	66.4
79	30.0	11.1	51.1





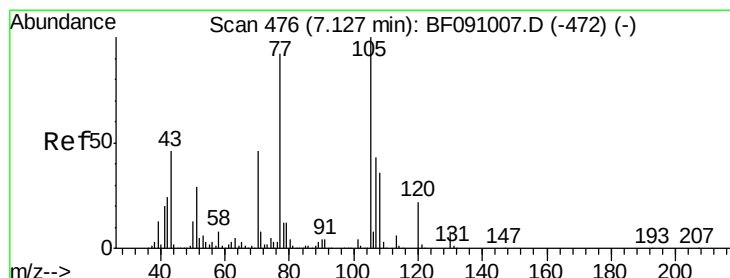
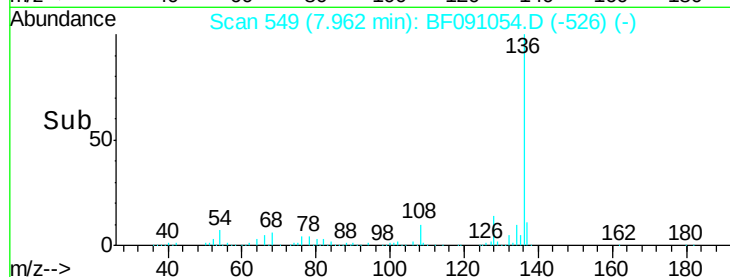
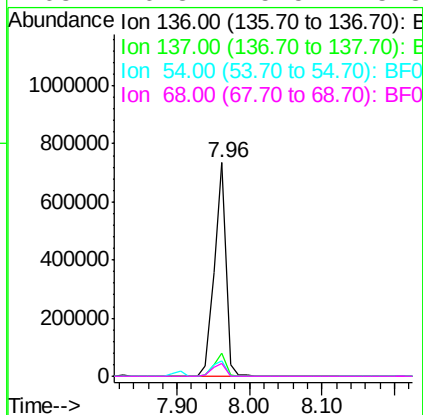
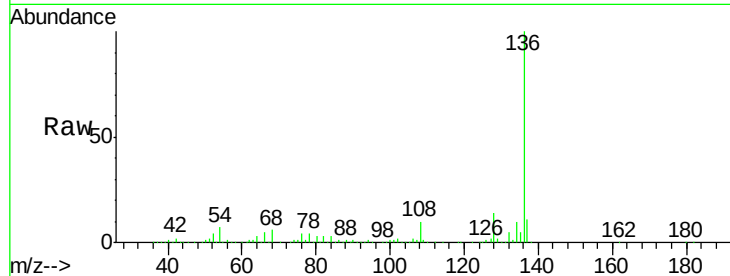
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB94546BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		811915		
137	11.0		8.9	13.3	
54	7.0		6.2	9.2	
68	6.3		5.5	8.3	

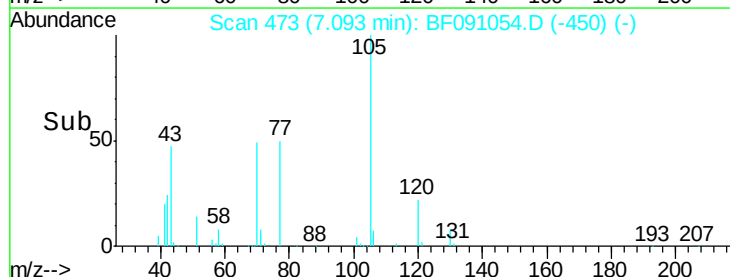
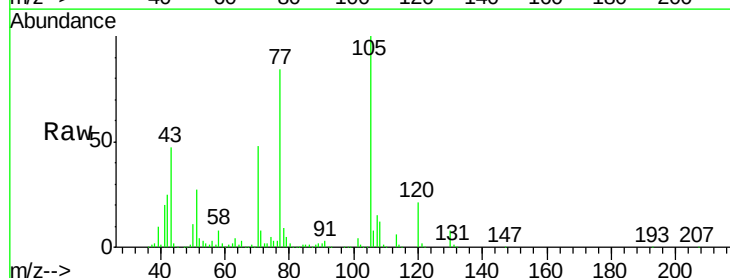
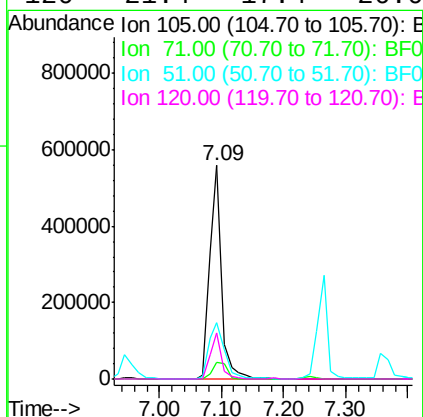
Manual Integrations
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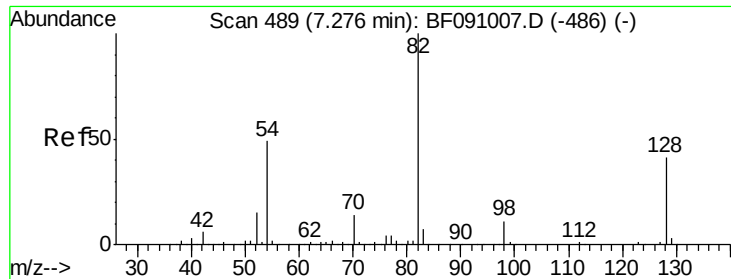
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#22
Acetophenone
Concen: 39.23 ng
RT: 7.09 min Scan# 473
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		733384		
71	8.1		6.2	9.2	
51	26.5		23.3	34.9	
120	21.4		17.4	26.0	





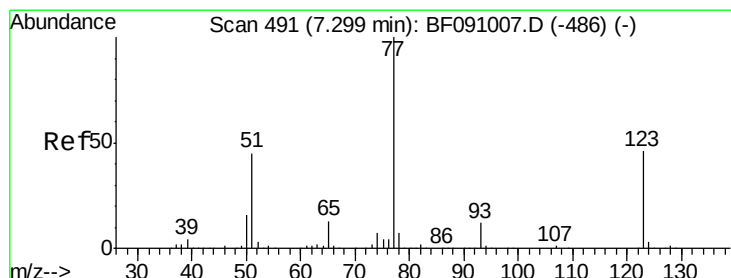
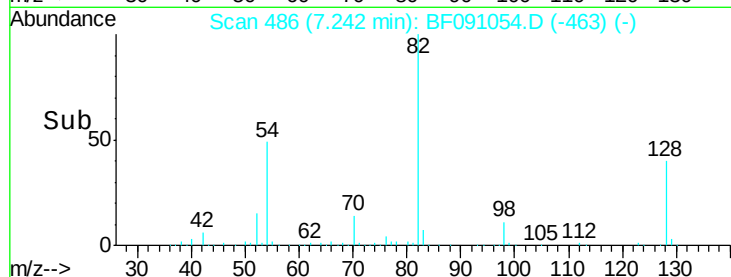
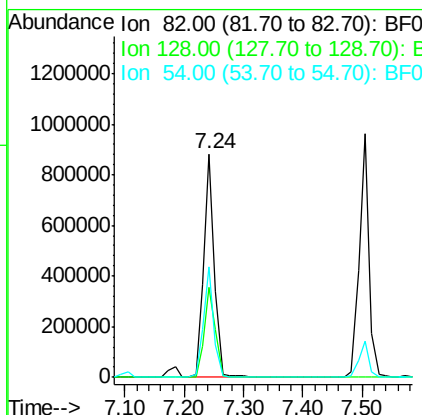
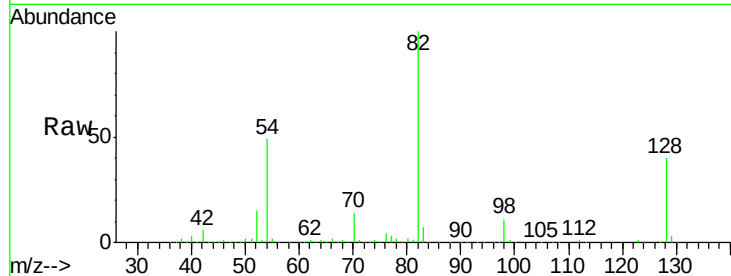
#23
Nitrobenzene-d5
Concen: 76.58 ng
RT: 7.24 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB94546BS

Tot Ion: 82 Resp: 1139808
Ion Ratio Lower Upper
82 100
128 40.3 32.4 48.6
54 49.3 39.2 58.8

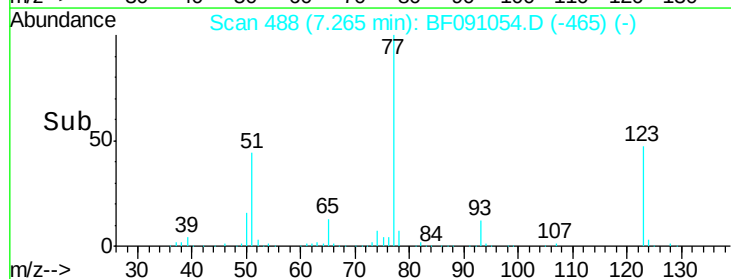
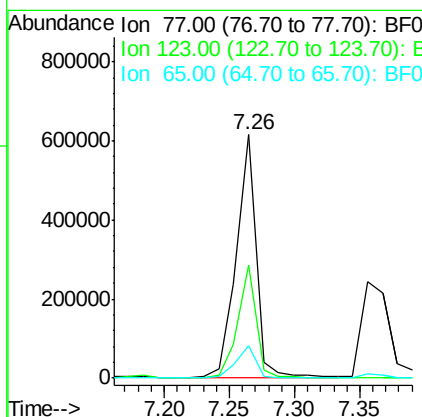
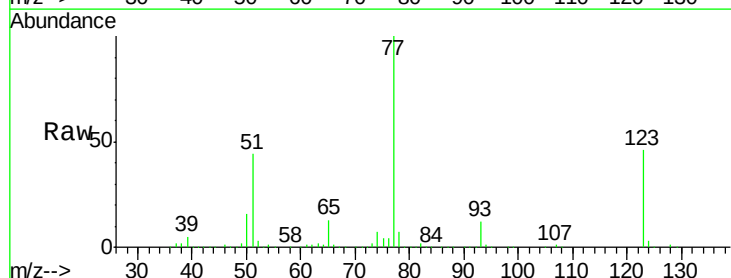
Manual Integrations
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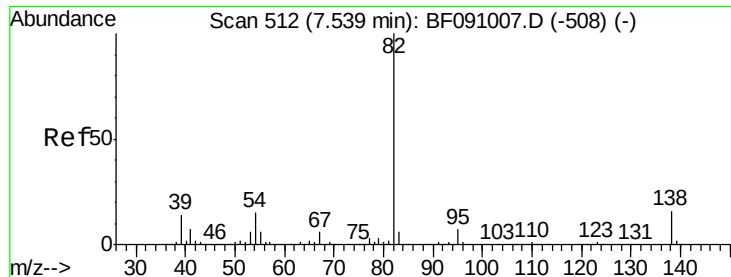
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#24
Nitrobenzene
Concen: 38.97 ng
RT: 7.26 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion: 77 Resp: 640519
Ion Ratio Lower Upper
77 100
123 46.5 36.5 54.7
65 13.1 10.7 16.1





#25

Isophorone

Concen: 38.15 ng

RT: 7.50 min Scan# 509

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB94546BS

Tot Ion: 82 Resp: 1094124

Ion Ratio Lower Upper

82 100

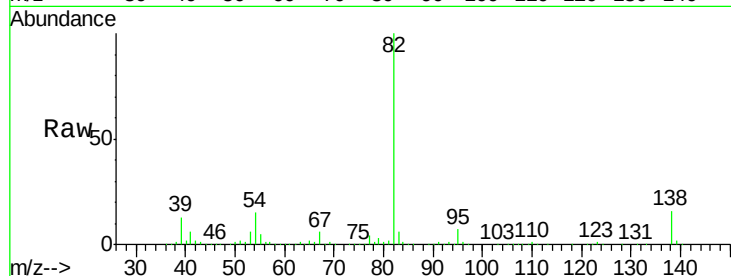
95 6.9 5.4 8.0

138 16.3 13.0 19.4

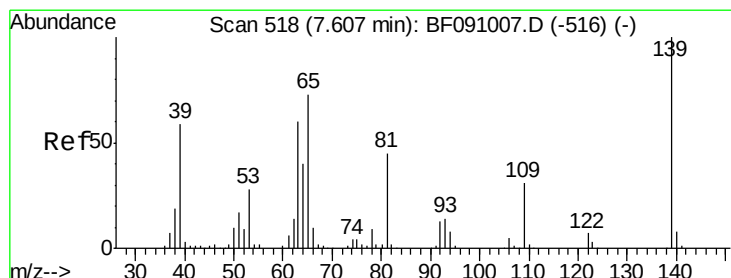
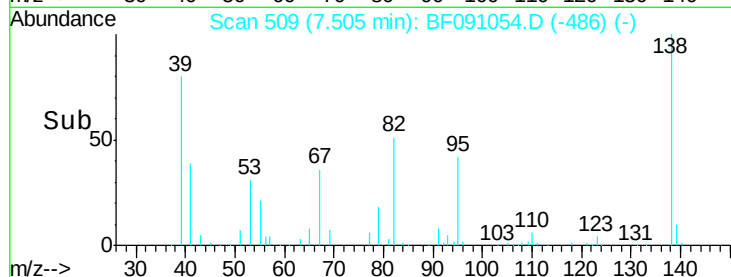
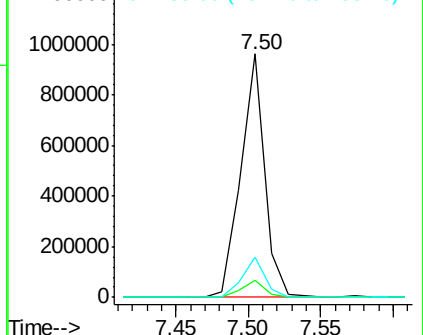
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.99 ng

RT: 7.58 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

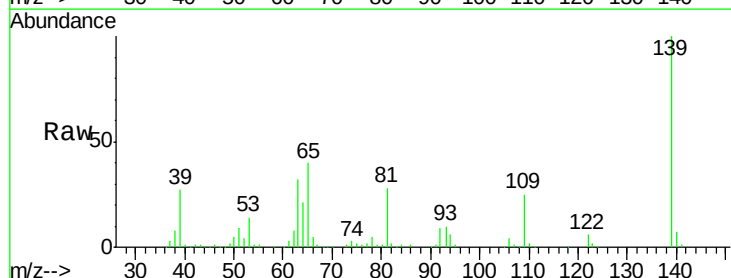
Tgt Ion: 139 Resp: 264238

Ion Ratio Lower Upper

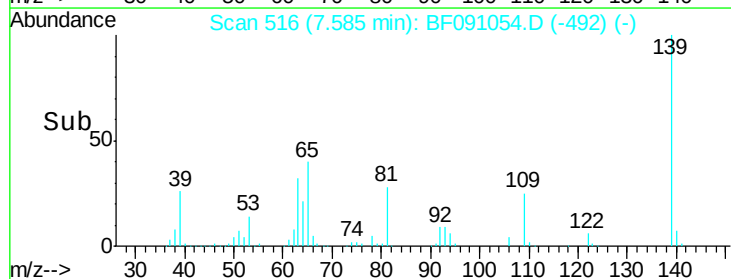
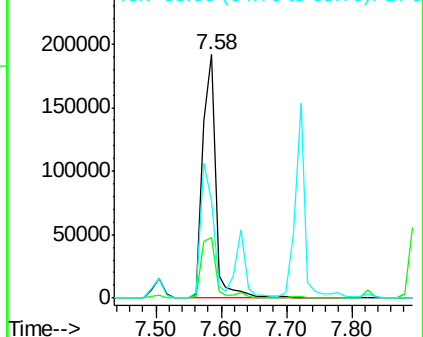
139 100

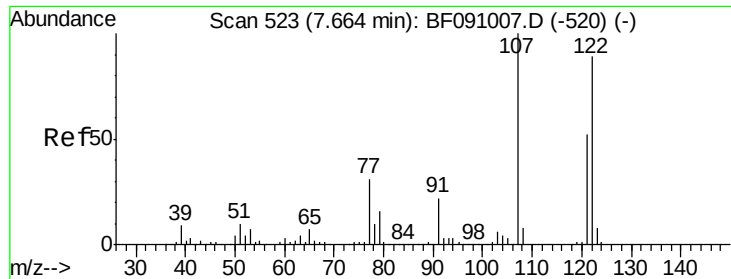
109 24.9 24.7 37.1

65 40.2 58.3 87.5#



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





#27

2,4-Dimethylphenol

Concen: 38.78 ng

RT: 7.63 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

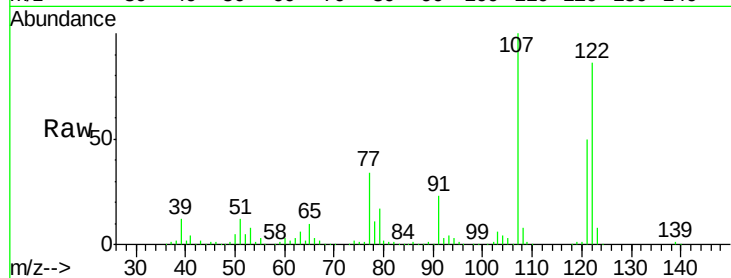
ClientSampleId :

PB94546BS

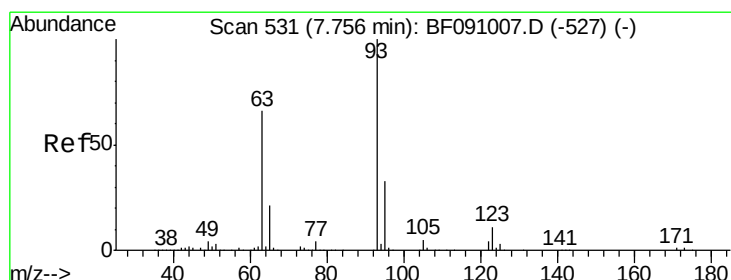
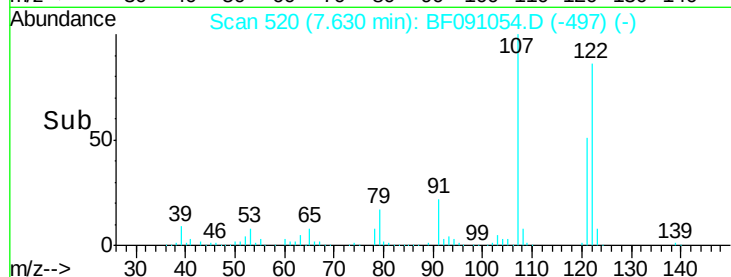
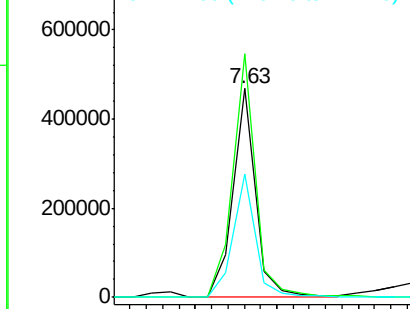
Tot Ion:	122	Resp:	446162
Ion Ratio	Lower	Upper	
122	100		
107	116.6	89.6	134.4
121	58.8	46.3	69.5

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



#28

bis(2-Chloroethoxy)methane

Concen: 43.35 ng

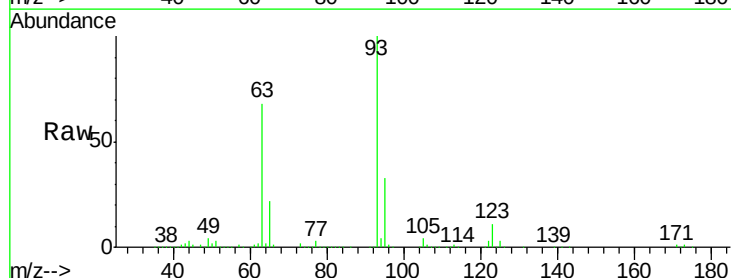
RT: 7.72 min Scan# 528

Delta R.T. -0.03 min

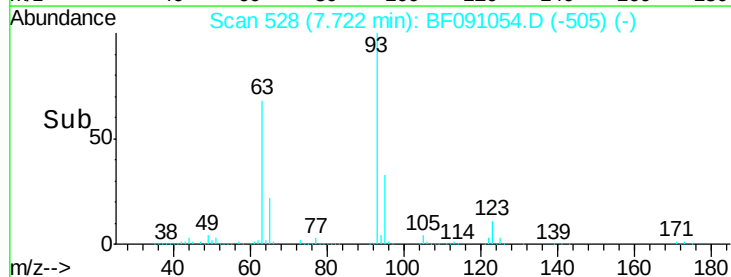
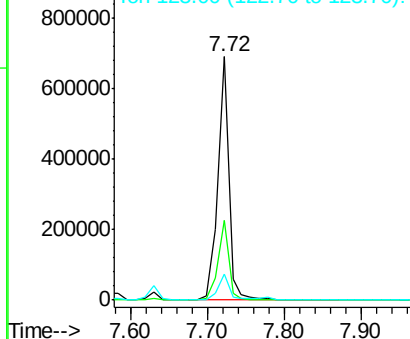
Lab File: BF091054.D

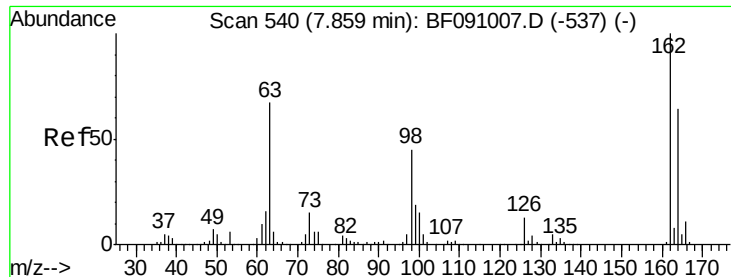
Acq: 7 Nov 2016 14:31

Tgt Ion:	93	Resp:	679222
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.3	39.5
123	10.8	8.7	13.1



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





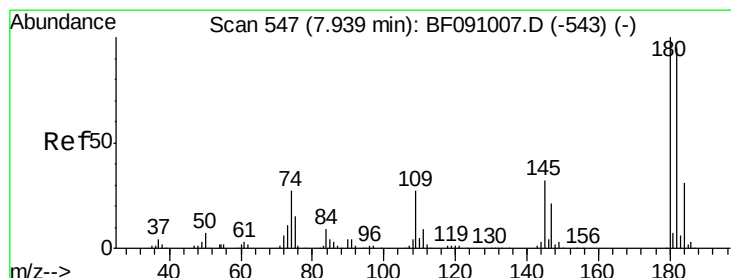
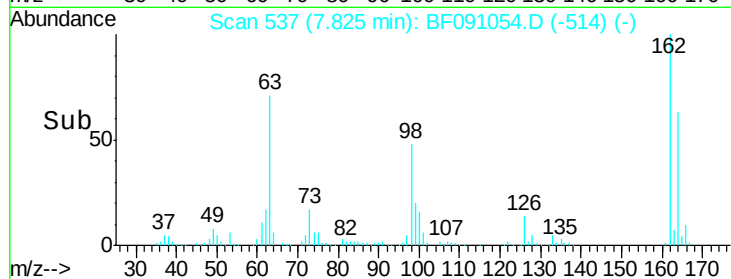
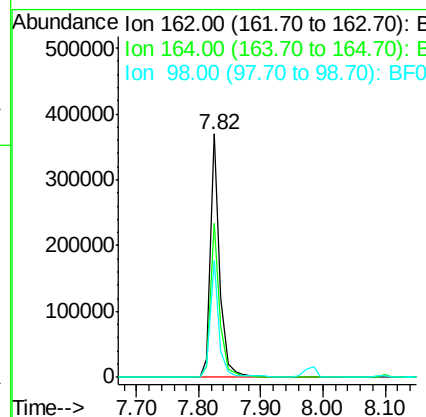
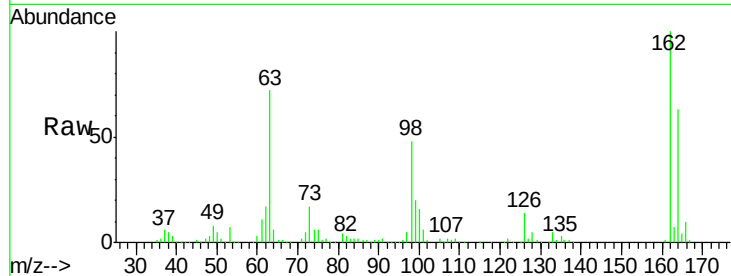
#29
 2,4-Dichlorophenol
 Concen: 38.65 ng
 RT: 7.82 min Scan# 537
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB94546BS

Tot Ion:	162	Resp:	388090
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.4	84.4
98	47.9	25.2	65.2

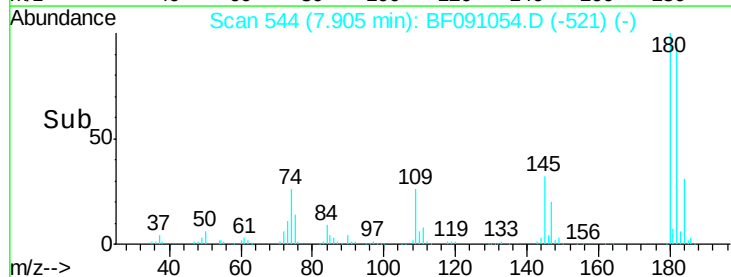
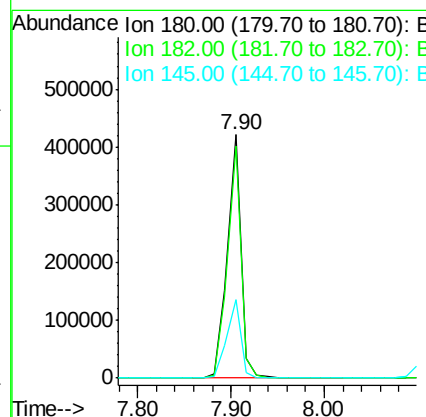
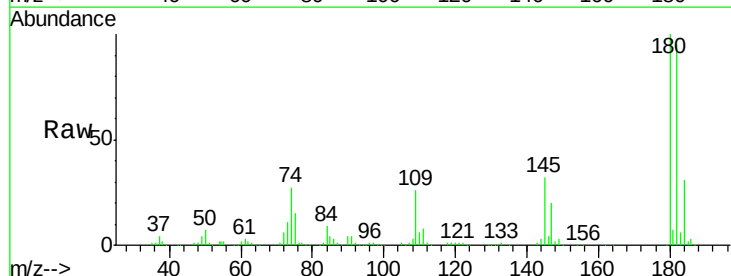
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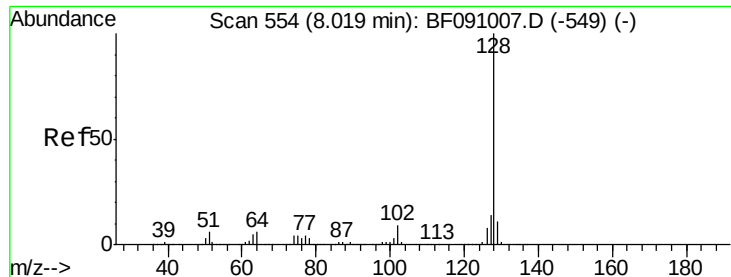
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.88 ng
 RT: 7.90 min Scan# 544
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion:	180	Resp:	427620
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.0	114.0
145	32.0	25.8	38.8





#31

Naphthalene

Concen: 38.25 ng

RT: 7.98 min Scan# 551

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampleId :

PB94546BS

Tot Ion:128 Resp: 1485160

Ion Ratio Lower Upper

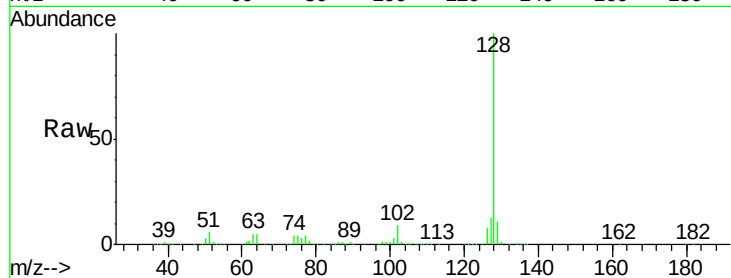
128 100

129 11.1 9.0 13.6

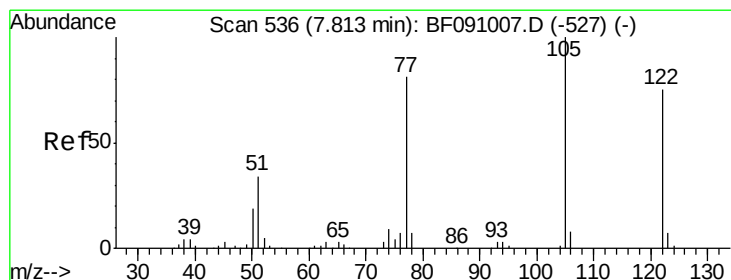
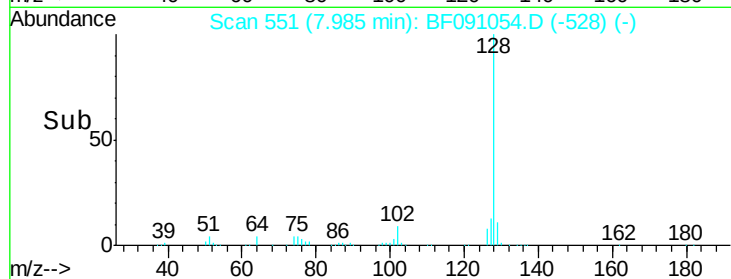
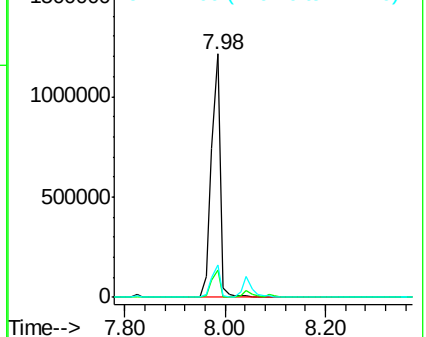
127 13.4 10.9 16.3

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



#32

Benzoic acid

Concen: 28.48 ng

RT: 7.78 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

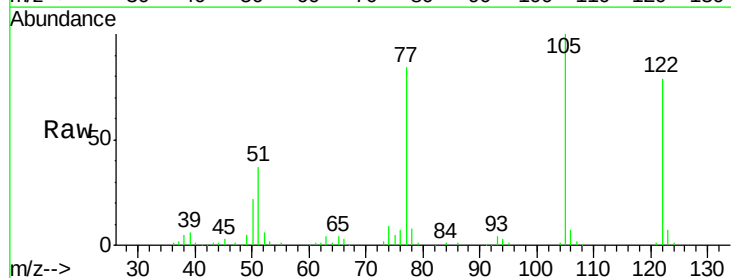
Tgt Ion:122 Resp: 234938

Ion Ratio Lower Upper

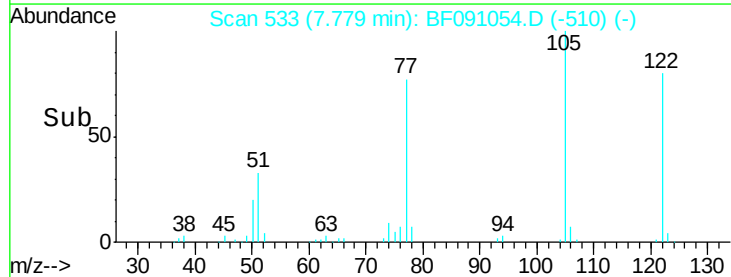
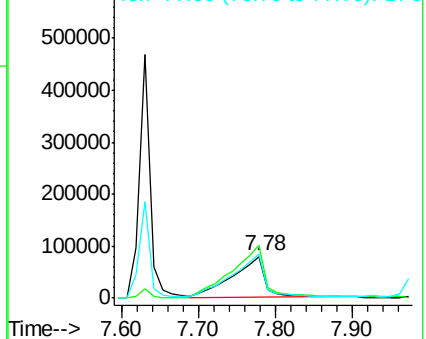
122 100

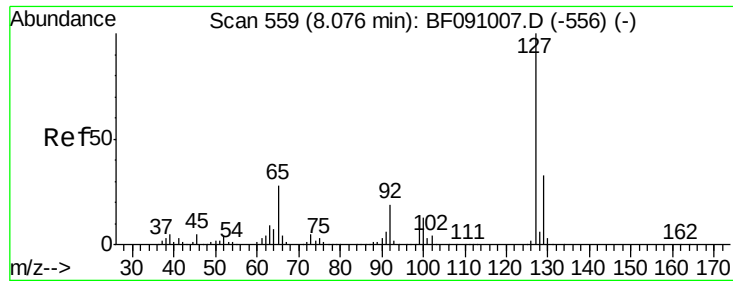
105 126.4 105.9 145.9

77 105.9 84.0 124.0



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





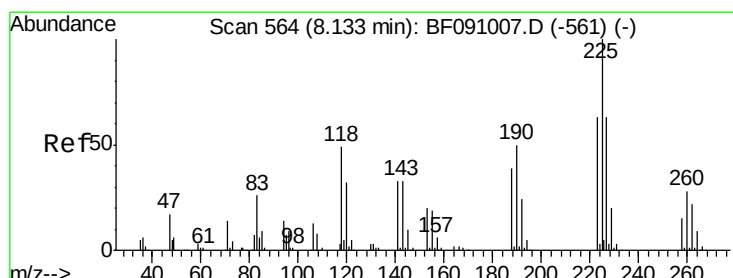
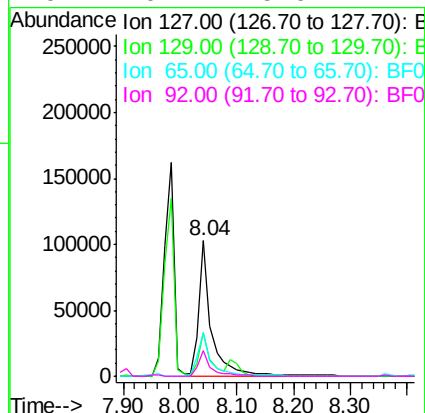
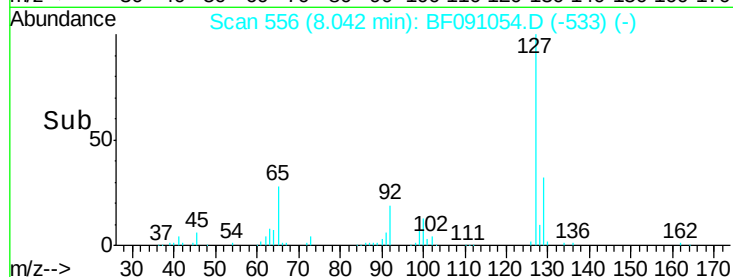
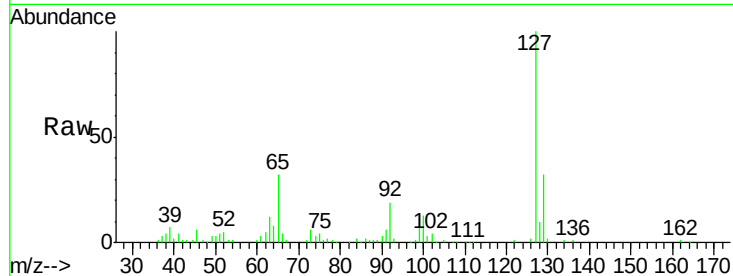
#33
4-Chloroaniline
Concen: 9.59 ng
RT: 8.04 min Scan# 556
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampled :
PB94546BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8		26.6	39.8	
65	31.9		22.2	33.2	
92	19.1		15.0	22.4	

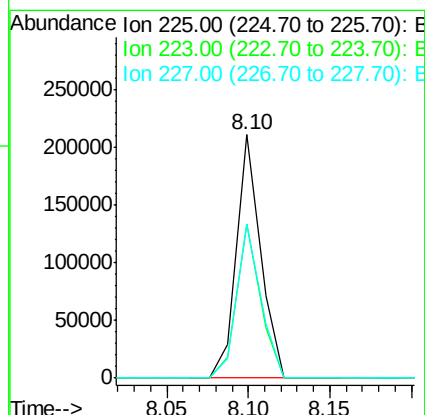
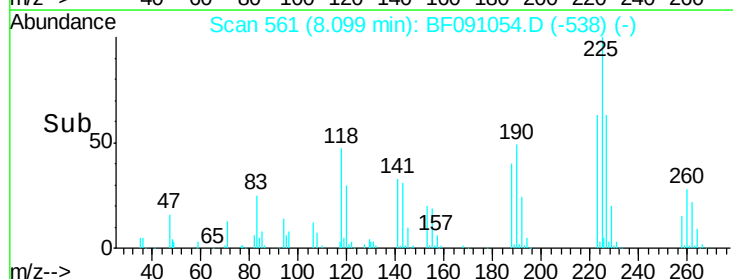
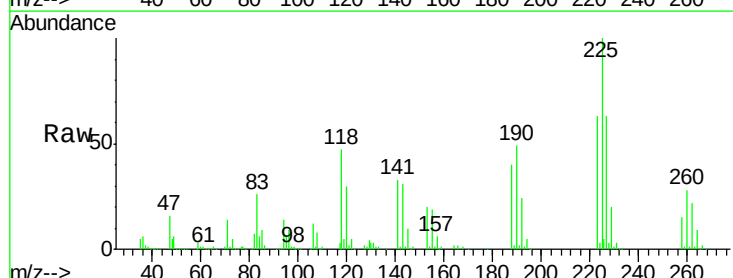
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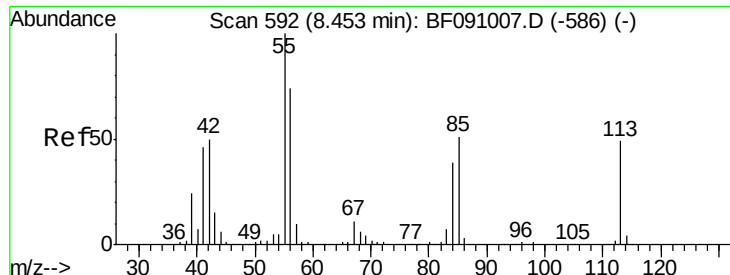
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#34
Hexachlorobutadiene
Concen: 35.21 ng
RT: 8.10 min Scan# 561
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4		50.4	75.6	
227	63.3		50.1	75.1	





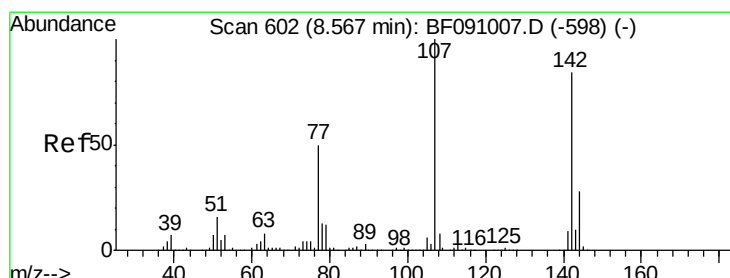
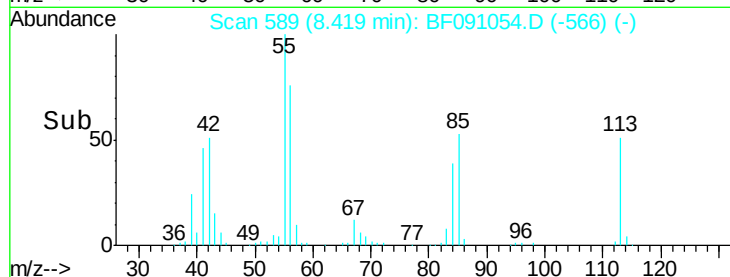
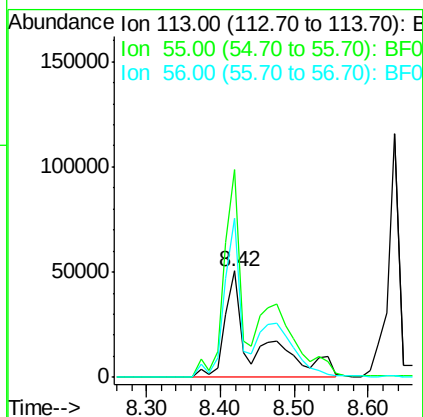
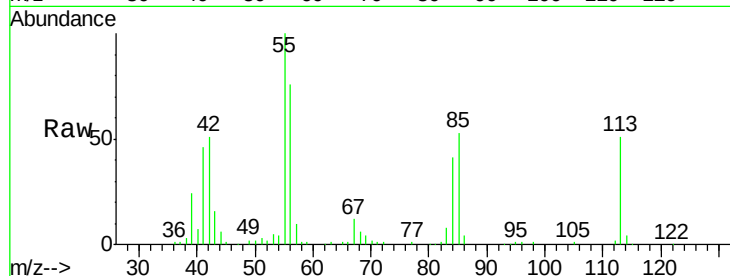
#35
 Caprolactam
 Concen: 45.79 ng/ml
 RT: 8.42 min Scan# 589
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleID :
 PB94546BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	196.2	184.1	224.1		
56	149.4	132.0	172.0		

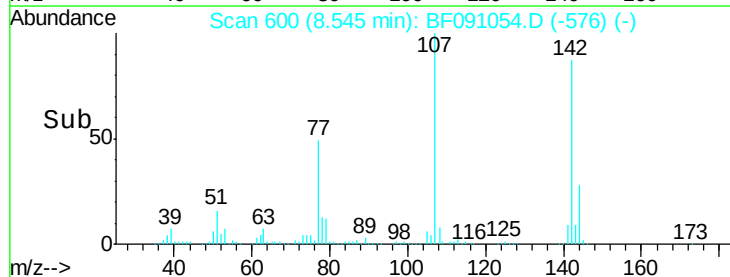
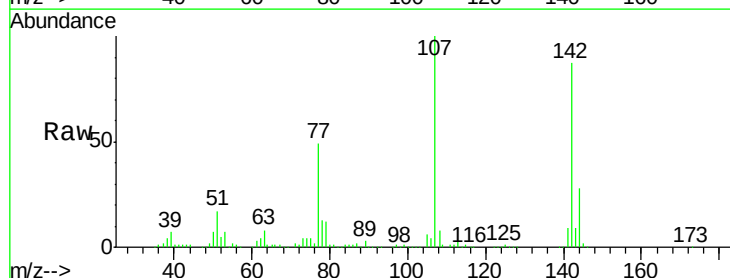
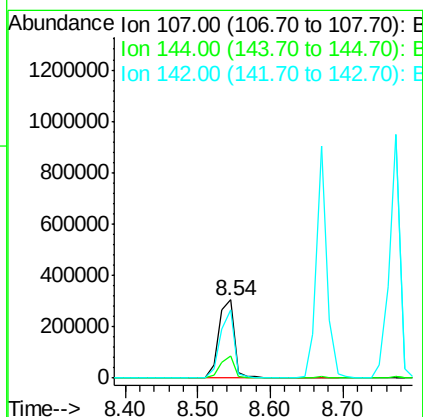
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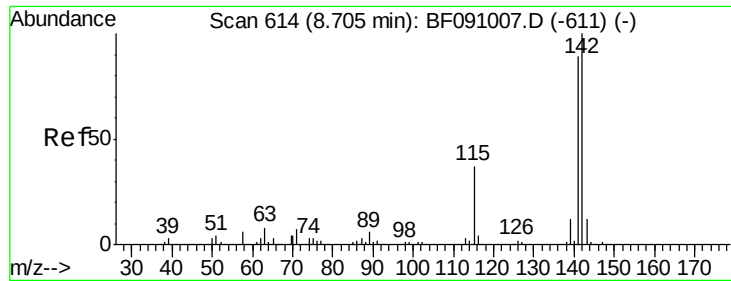
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#36
 4-Chloro-3-methylphenol
 Concen: 38.41 ng/ml
 RT: 8.54 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	28.5	22.5	33.7		
142	87.4	67.4	101.2		





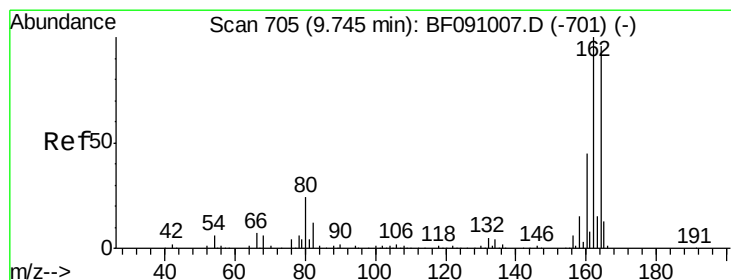
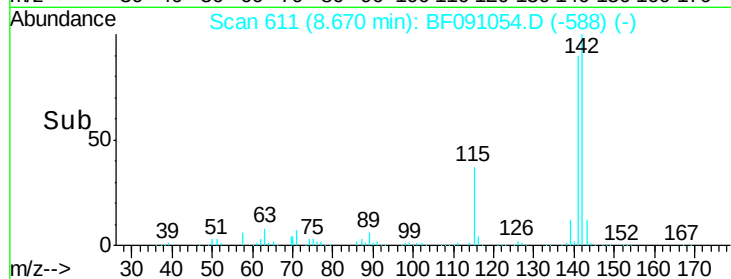
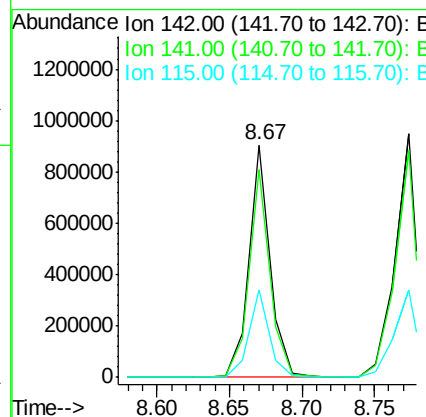
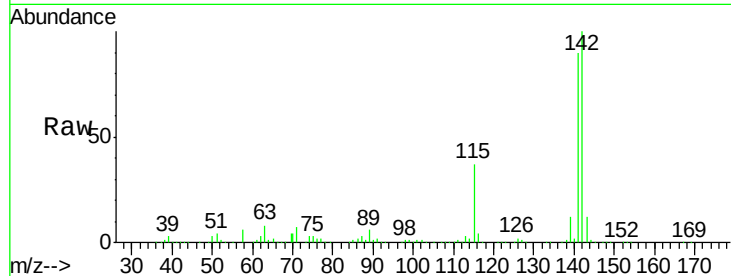
#37
2-Methylnaphthalene
Concen: 36.47 ng
RT: 8.67 min Scan# 611
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB94546BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	37.5	29.9	44.9

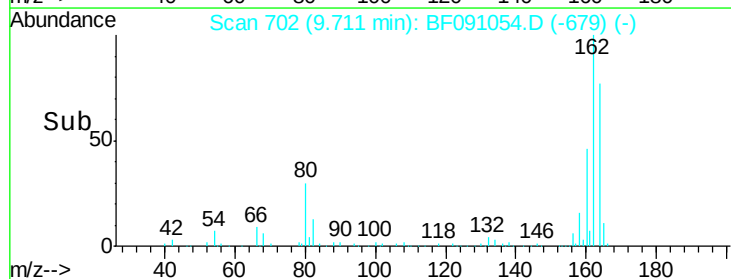
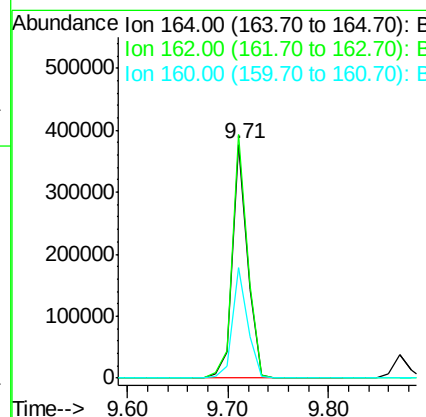
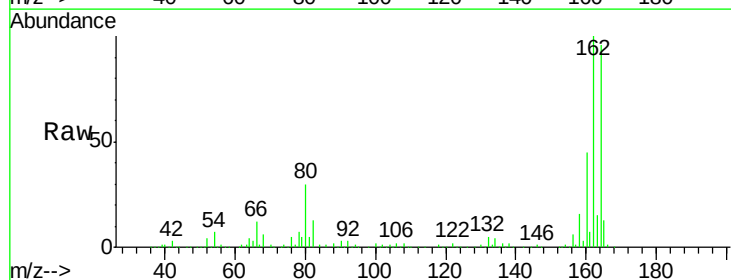
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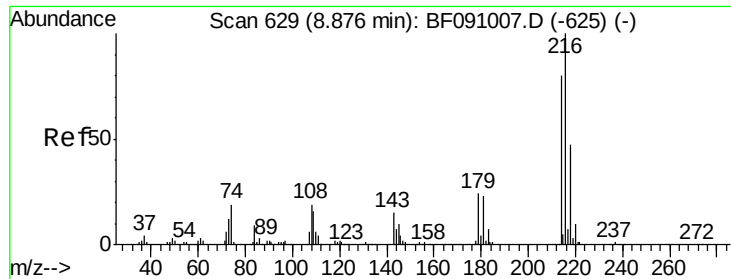
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.6	125.4
160	47.4	37.9	56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.11 ng

RT: 8.84 min Scan# 626

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

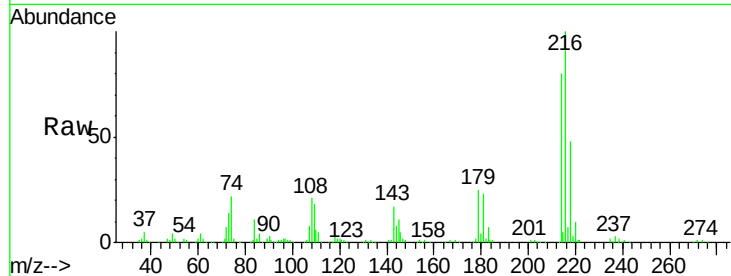
ClientSampleId :

PB94546BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		414879		
214	79.6		63.5	95.3	
179	23.6		19.1	28.7	
108	24.4		17.5	26.3	

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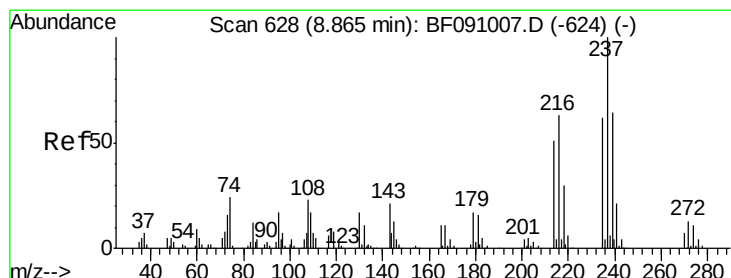
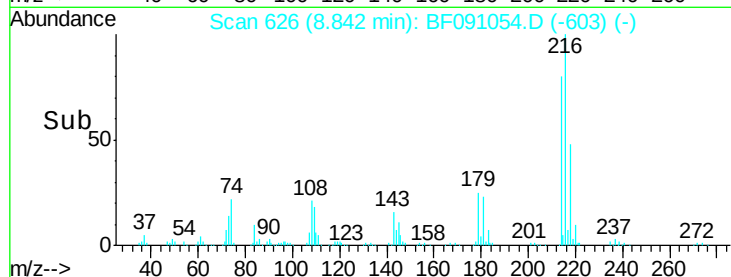
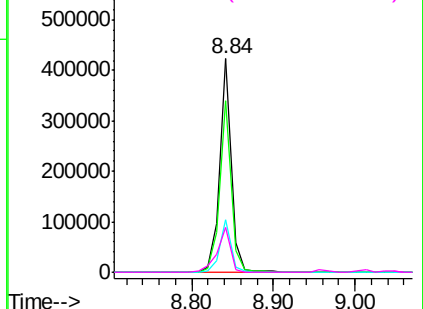


Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.97 ng

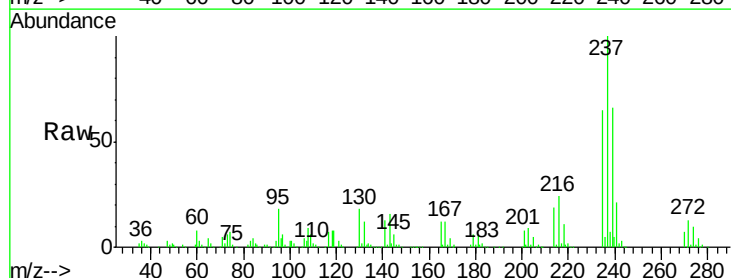
RT: 8.83 min Scan# 625

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

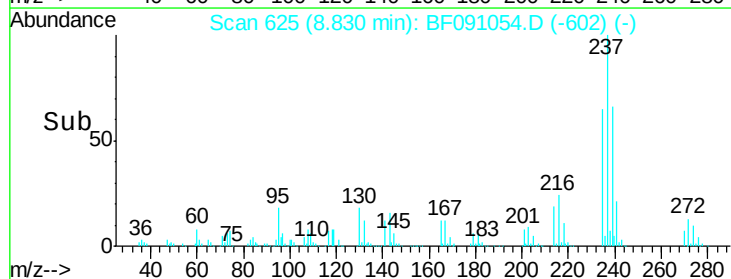
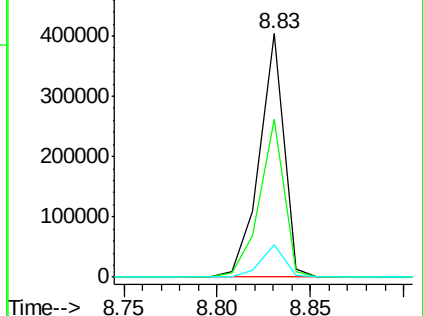
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		368713		
235	64.7		42.1	82.1	
272	13.4		0.0	33.1	

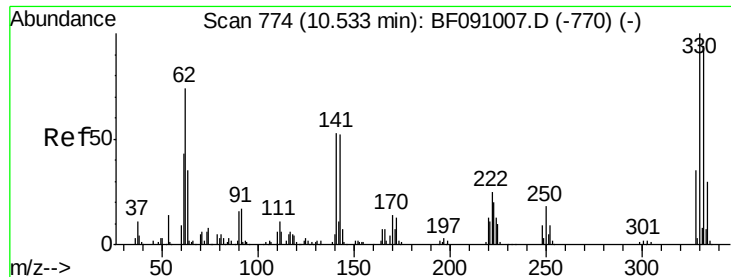


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





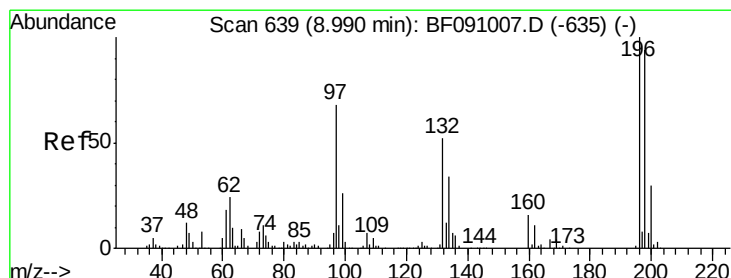
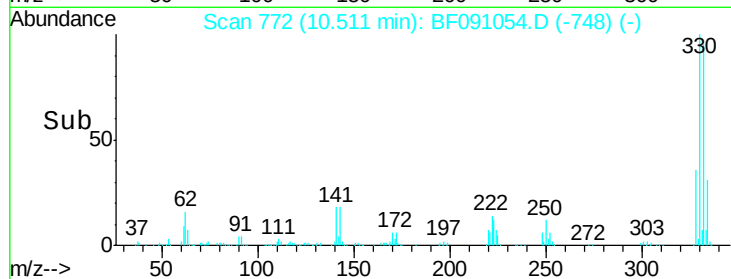
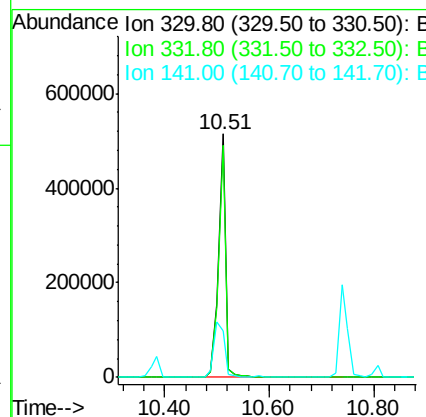
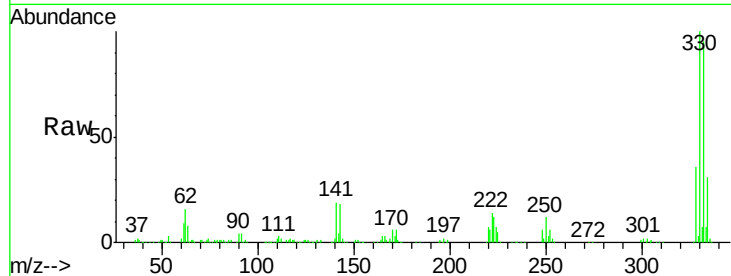
#41
 2,4,6-Tribromophenol
 Concen: 139.27 ng
 RT: 10.51 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB94546BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	498416		
332	95.3	75.9	113.9	
141	33.5	36.1	54.1#	

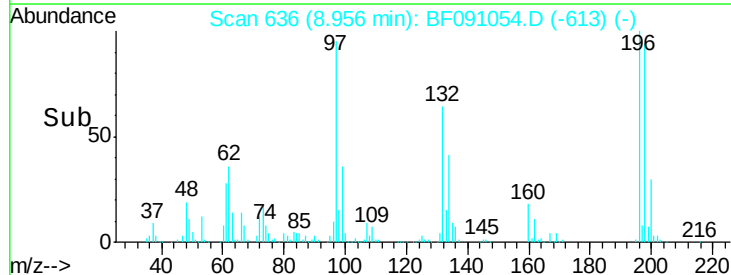
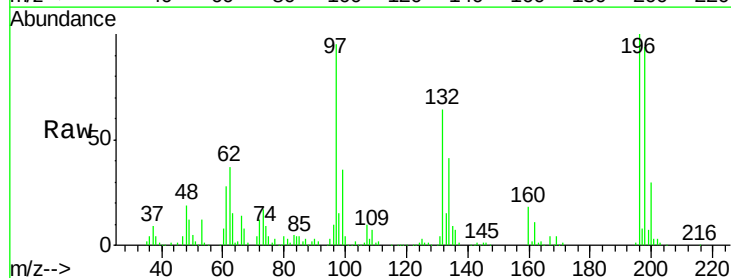
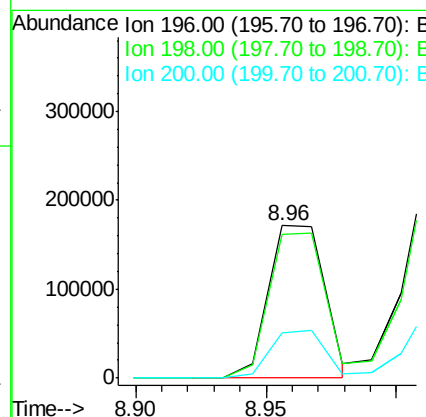
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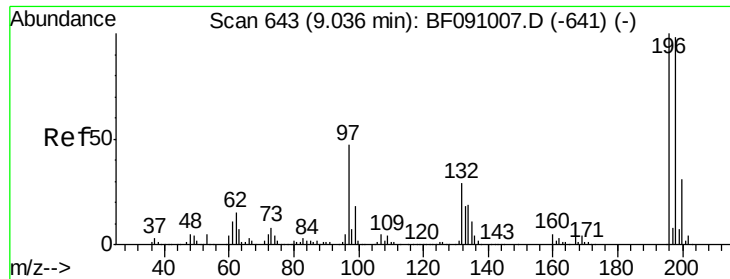
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#42
 2,4,6-Trichlorophenol
 Concen: 39.40 ng
 RT: 8.96 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	256722		
198	94.3	75.4	113.0	
200	29.8	24.1	36.1	





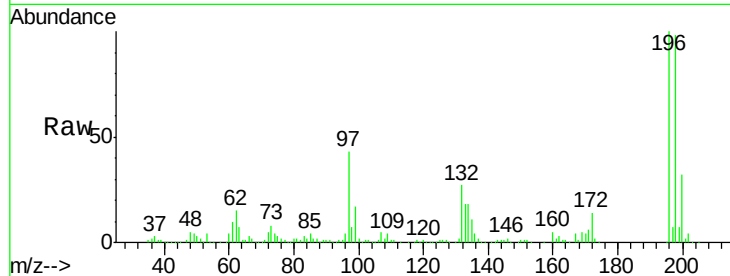
#43
 2,4,5-Trichlorophenol
 Concen: 43.45 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB94546BS

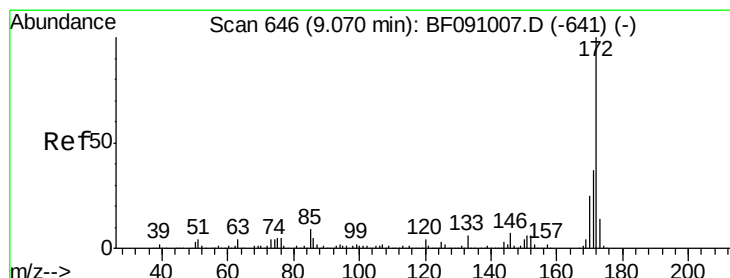
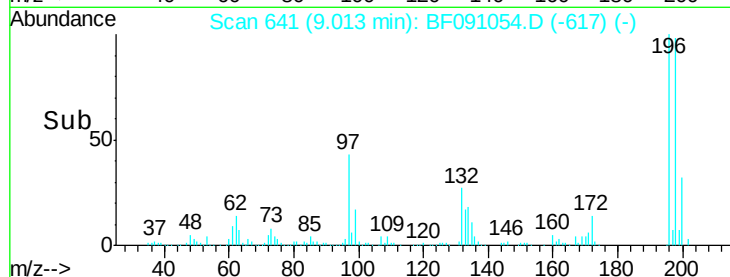
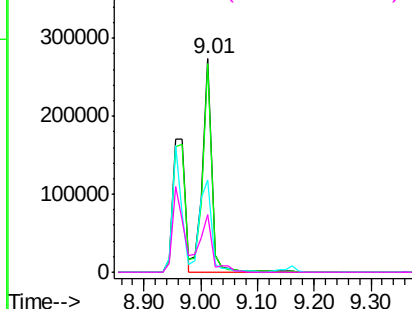
Tot Ion:	196	Resp:	297245
Ion Ratio	Lower	Upper	
196	100		
198	97.5	78.2	117.4
97	43.3	38.8	58.2
132	26.8	23.5	35.3

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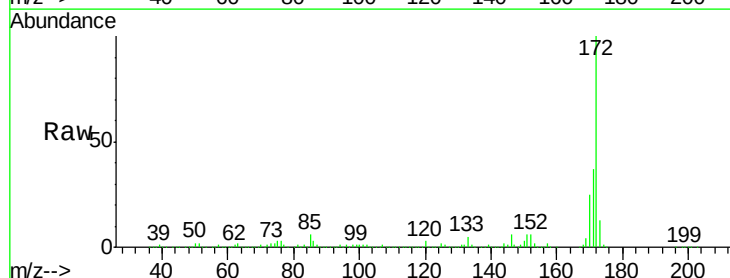


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

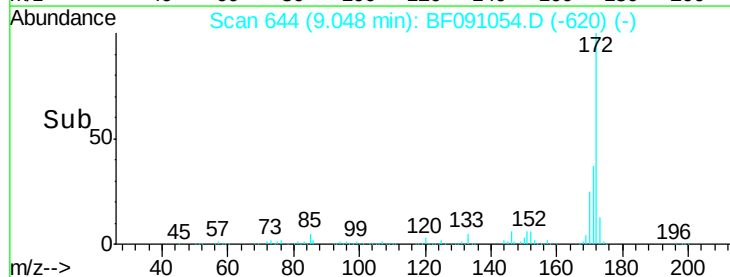
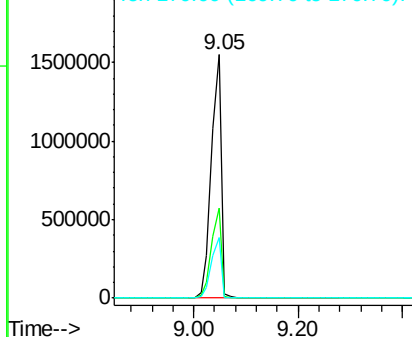


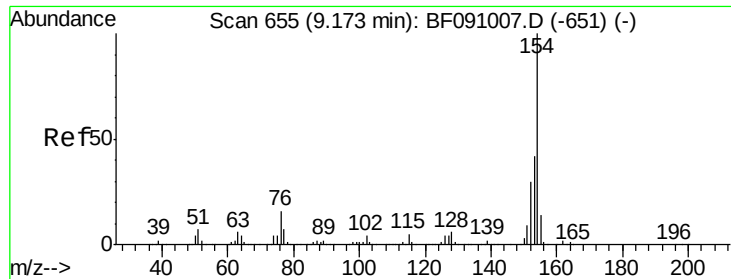
#44
 2-Fluorobiphenyl
 Concen: 89.12 ng
 RT: 9.05 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion:	172	Resp:	2049192
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.8	44.6
170	25.1	20.3	30.5



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





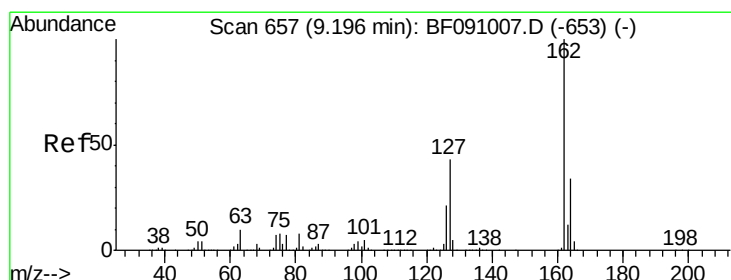
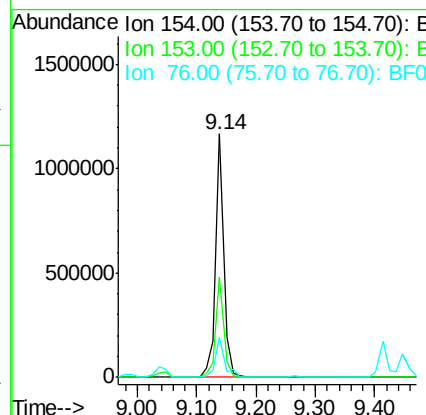
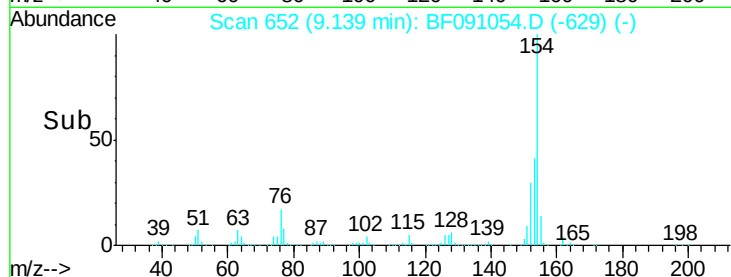
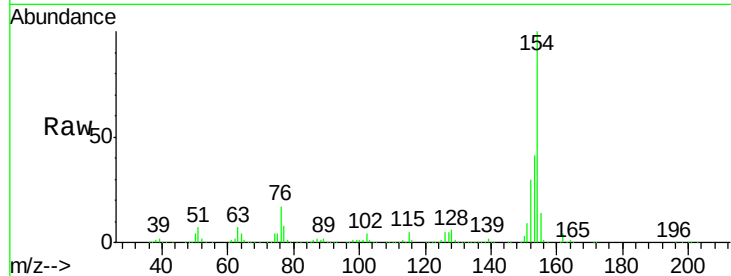
#45
 1,1'-Biphenyl
 Concen: 38.48 ng
 RT: 9.14 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB94546BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.6	61.6
76	16.6	0.0	36.2

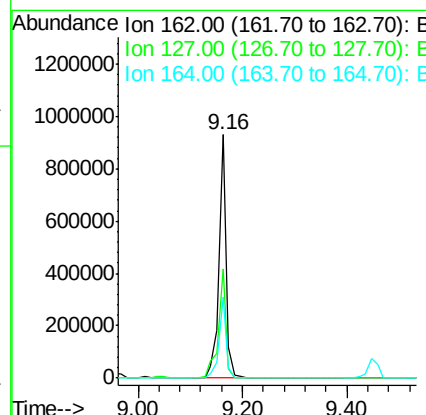
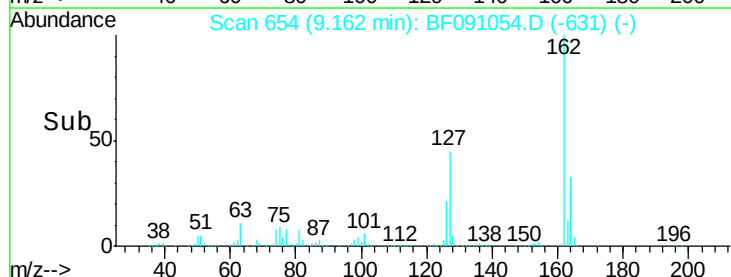
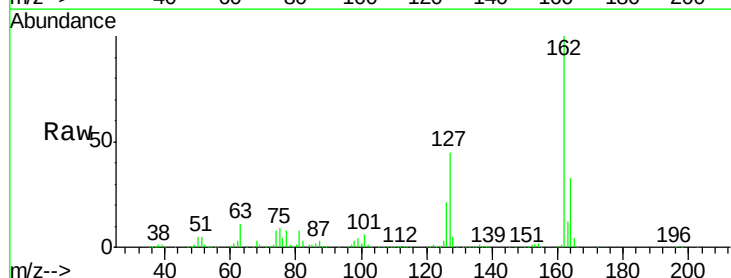
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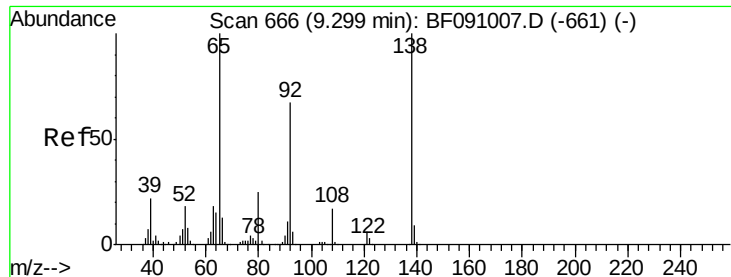
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#46
 2-Chloronaphthalene
 Concen: 40.86 ng
 RT: 9.16 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.9	34.7	52.1
164	33.5	27.0	40.4





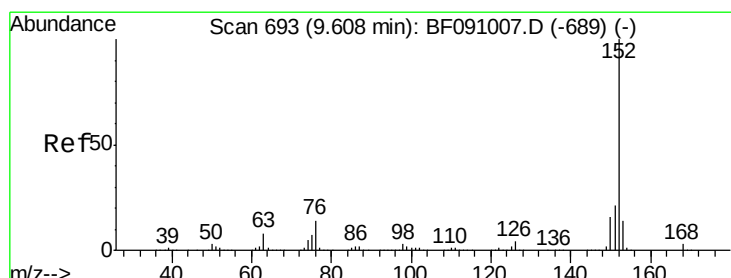
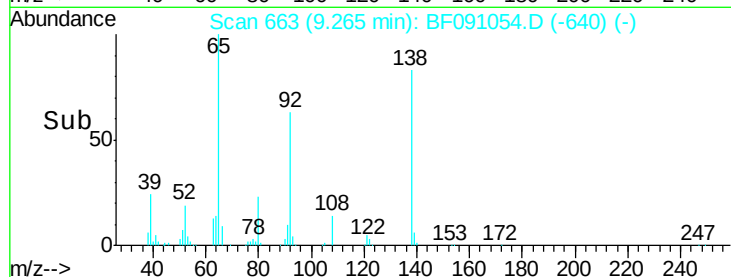
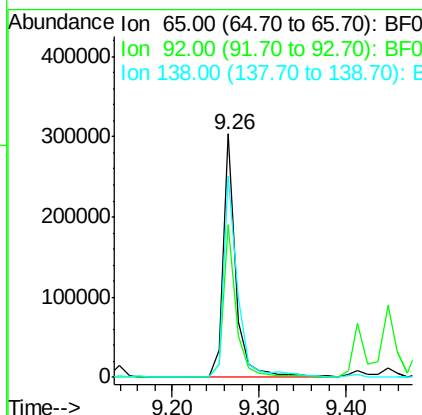
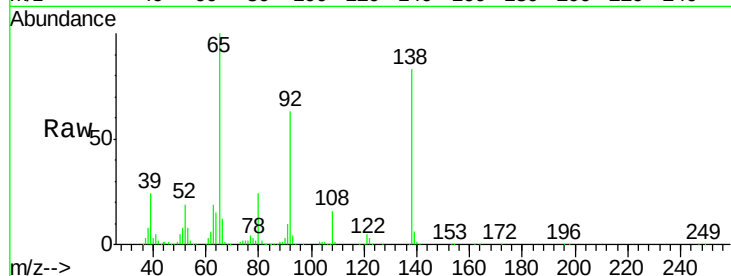
#47
2-Nitroaniline
Concen: 38.44 ng
RT: 9.26 min Scan# 663
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB94546BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.7	53.9	80.9
138	82.9	80.1	120.1

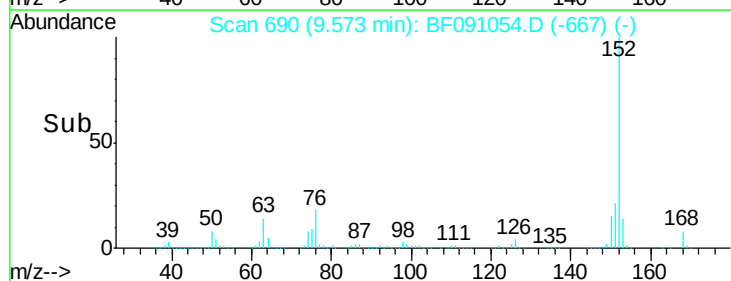
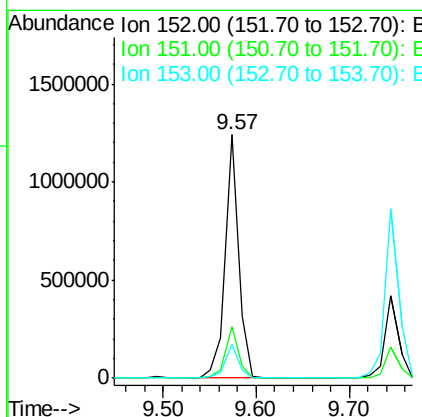
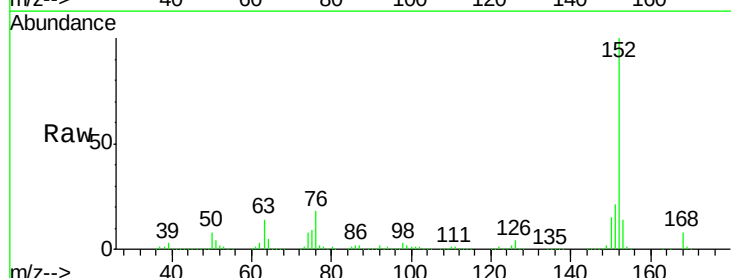
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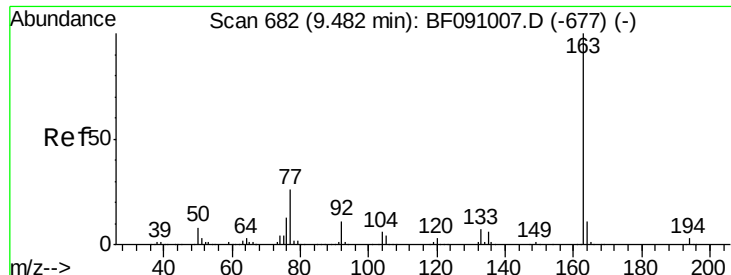
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#48
Acenaphthylene
Concen: 36.74 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.7	25.1
153	13.9	11.1	16.7





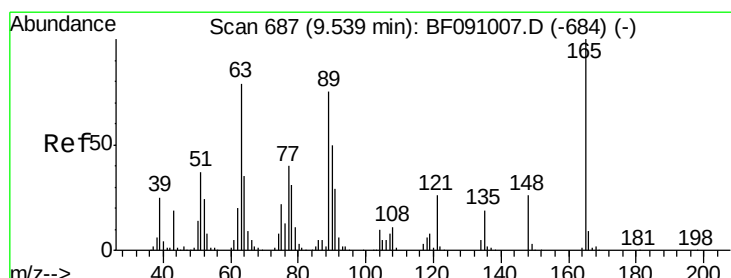
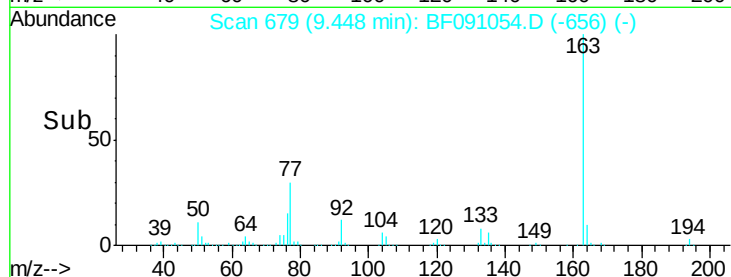
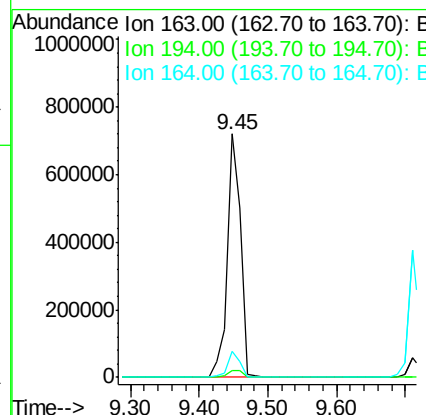
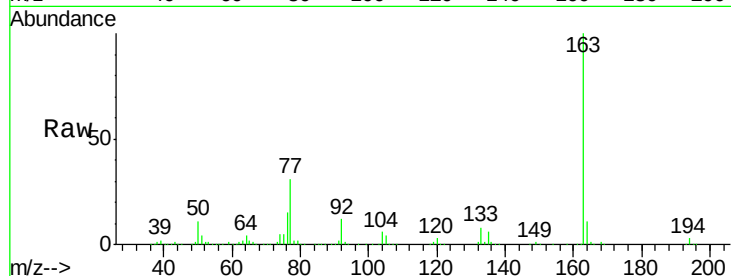
#49
Dimethylphthalate
Concen: 37.94 ng
RT: 9.45 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampled :
PB94546BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	984947		
194	2.8		2.6	4.0
164	10.7		8.7	13.1

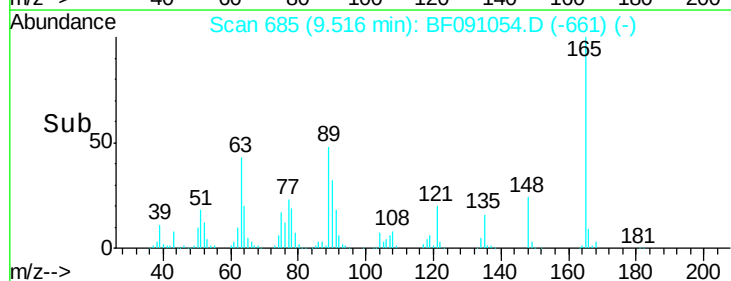
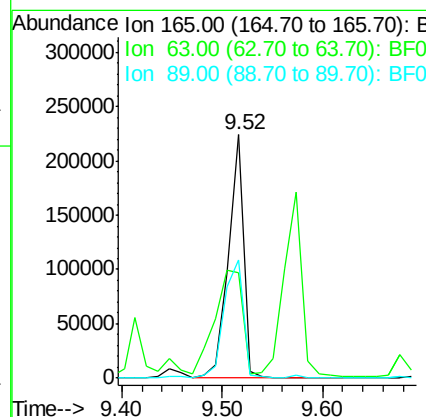
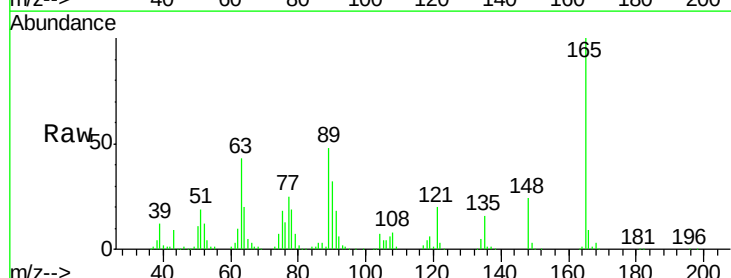
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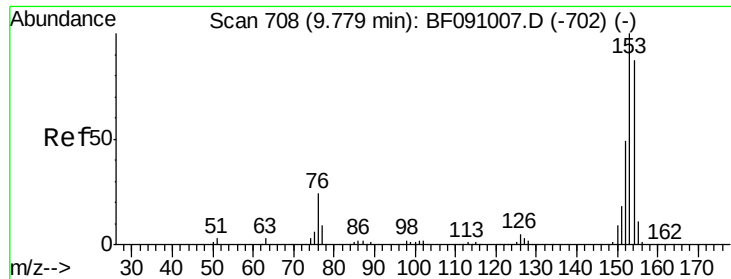
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#50
2,6-Dinitrotoluene
Concen: 42.67 ng
RT: 9.52 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	237374		
63	43.2		65.6	98.4#
89	48.4		59.8	89.6#





#51

Acenaphthene

Concen: 36.28 ng

RT: 9.74 min Scan# 705

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

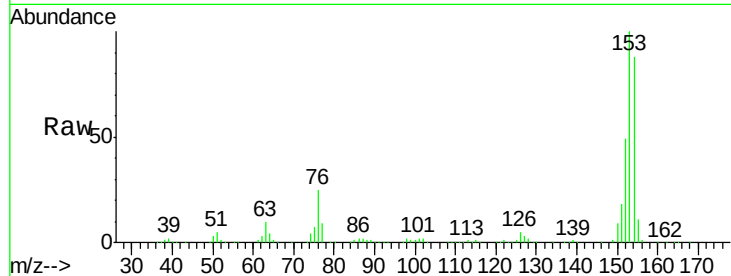
ClientSampleId :

PB94546BS

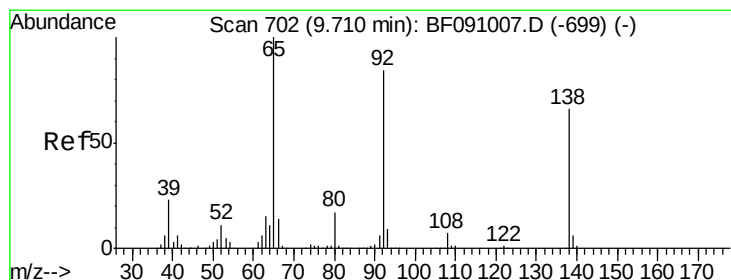
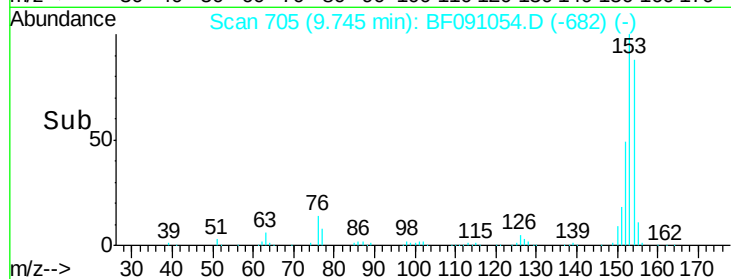
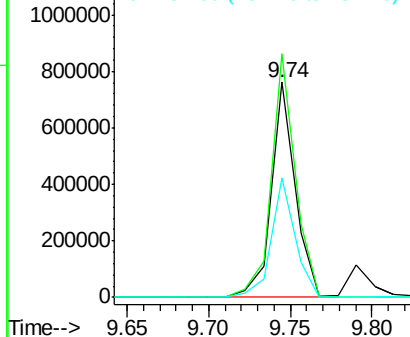
Tot Ion:	154	Resp:	779049
Ion Ratio	Lower	Upper	
154	100		
153	113.1	91.6	137.4
152	55.4	44.6	67.0

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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: 17.78 ng

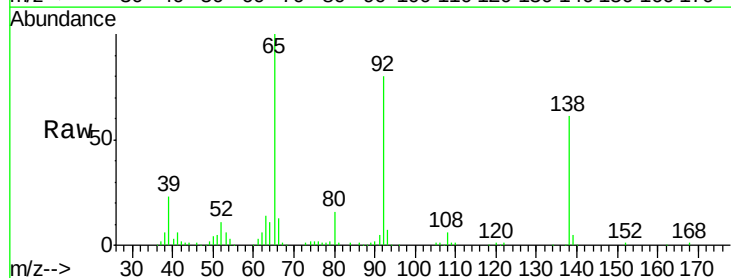
RT: 9.68 min Scan# 699

Delta R.T. -0.03 min

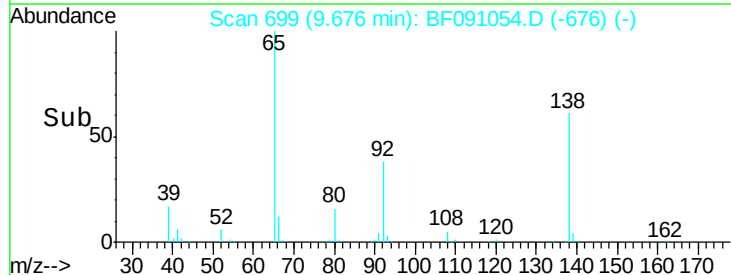
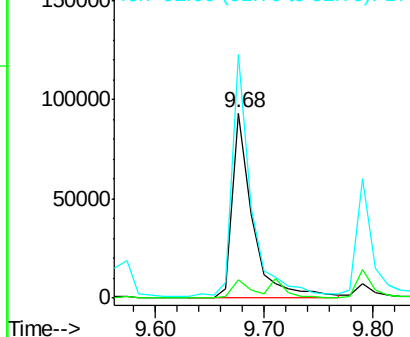
Lab File: BF091054.D

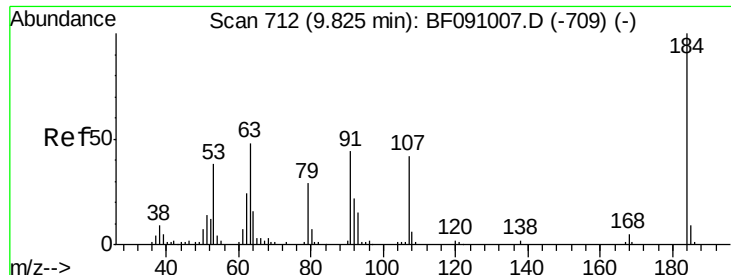
Acq: 7 Nov 2016 14:31

Tgt Ion:	138	Resp:	117293
Ion Ratio	Lower	Upper	
138	100		
108	10.2	8.4	12.6
92	131.6	101.1	151.7



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





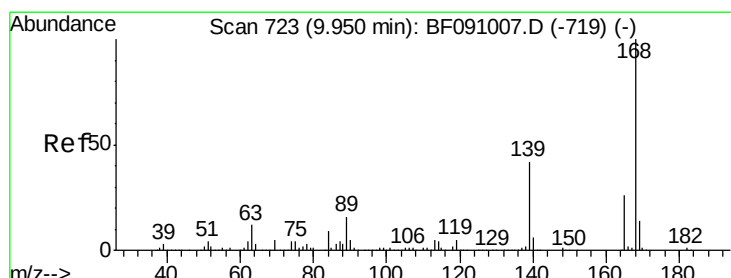
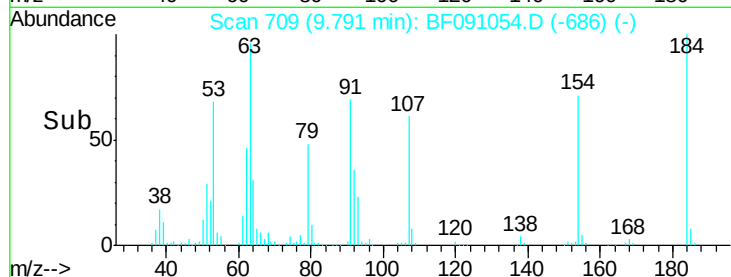
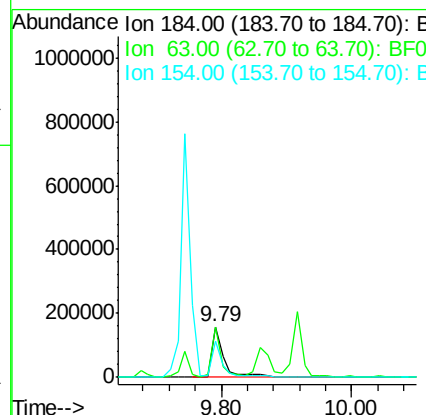
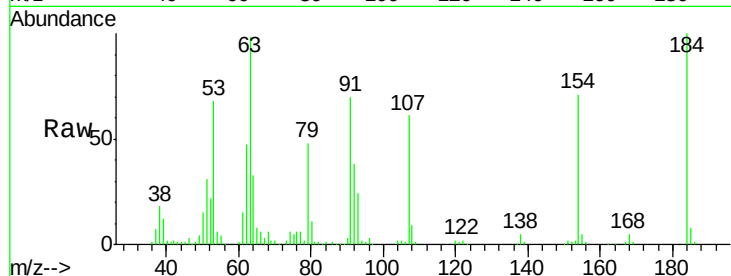
#53
 2,4-Dinitrophenol
 Concen: 68.38 ng
 RT: 9.79 min Scan# 709
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampled :
 PB94546BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	204231		
63	98.3	45.5	68.3#	
154	71.0	51.0	76.4	

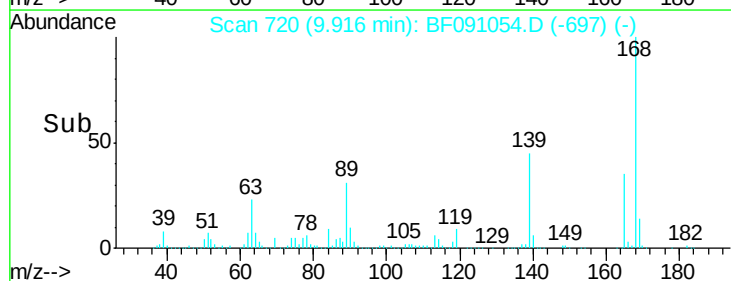
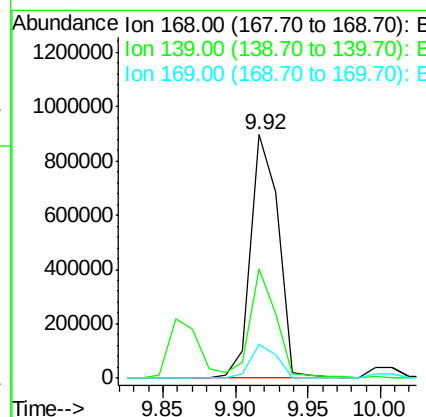
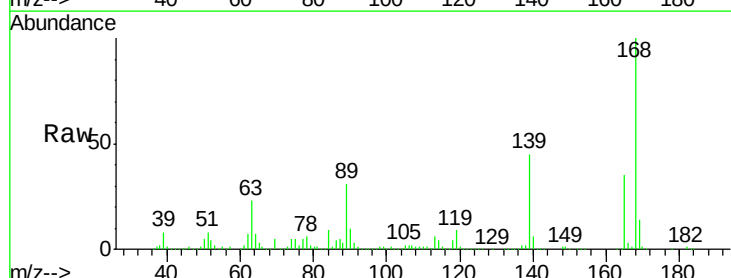
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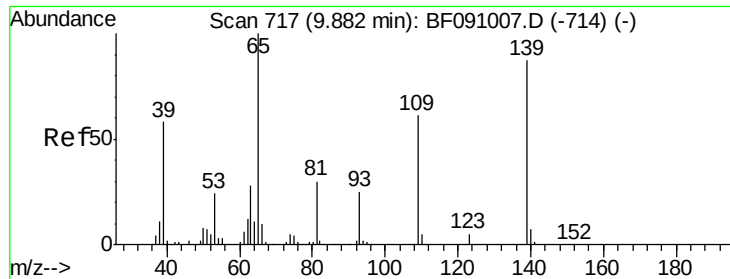
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#54
 Dibenzofuran
 Concen: 41.07 ng
 RT: 9.92 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1187200		
139	45.1	34.8	52.2	
169	14.0	11.4	17.2	





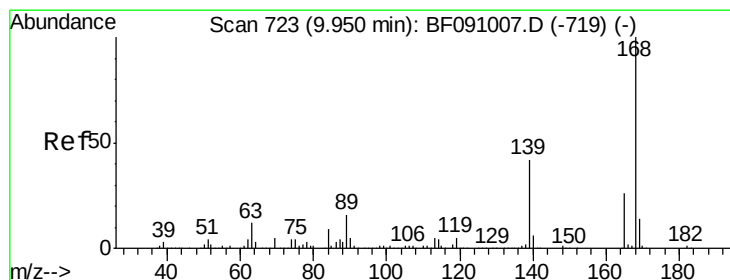
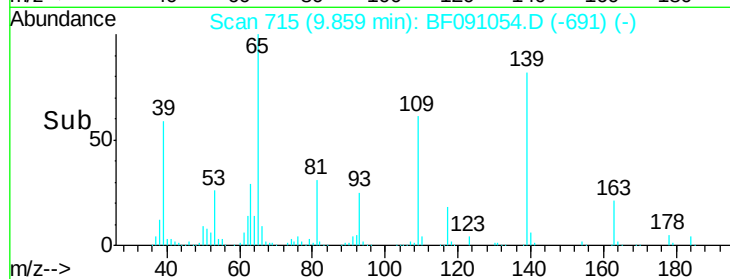
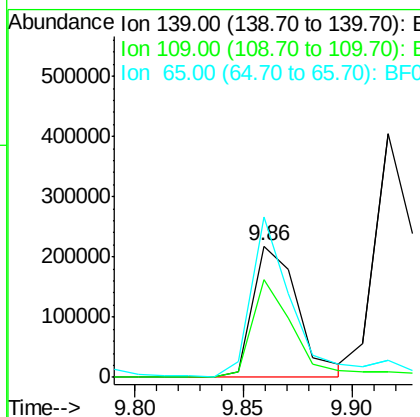
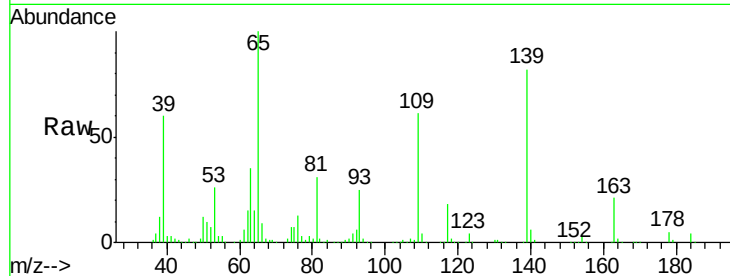
#55
4-Nitrophenol
Concen: 72.69 ng
RT: 9.86 min Scan# 715
Delta R.T. -0.02 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampled :
PB94546BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	74.2	50.5	90.5	
65	122.0	97.1	137.1	

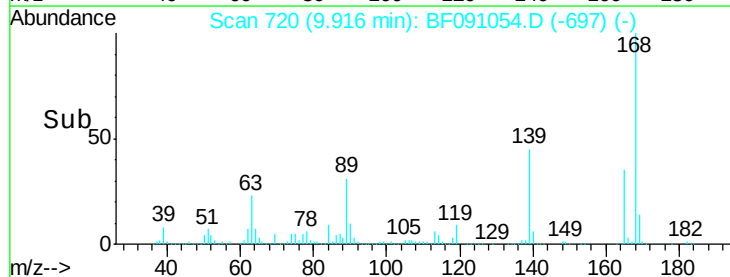
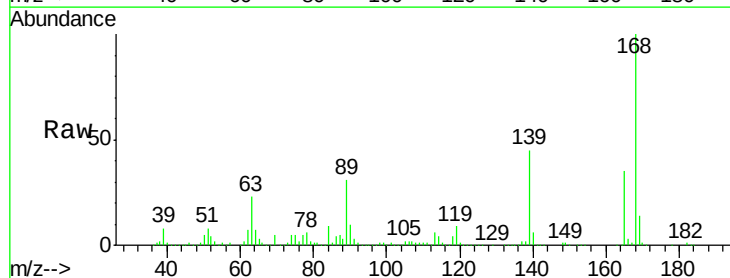
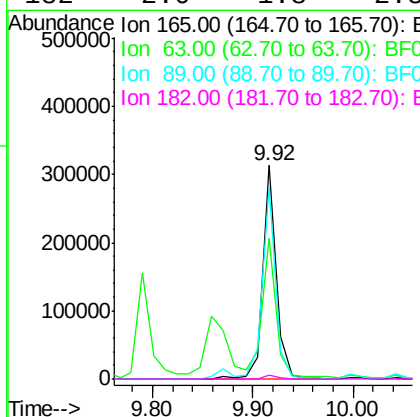
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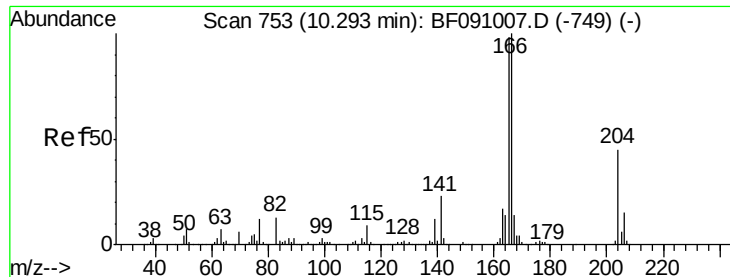
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#56
2,4-Dinitrotoluene
Concen: 41.23 ng
RT: 9.92 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	66.1	38.7	58.1#	
89	89.8	50.6	76.0#	
182	2.0	1.8	2.8	





#57

Fluorene

Concen: 37.25 ng

RT: 10.26 min Scan# 750

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

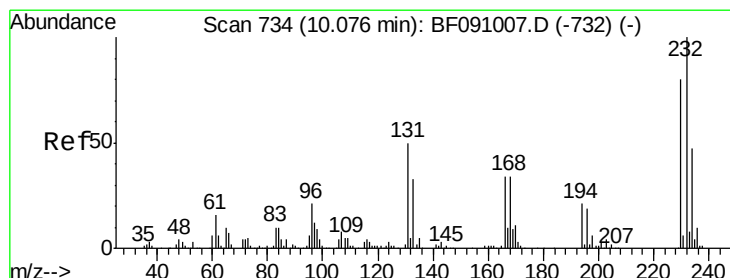
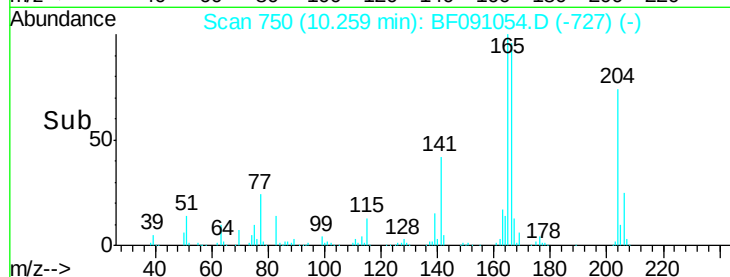
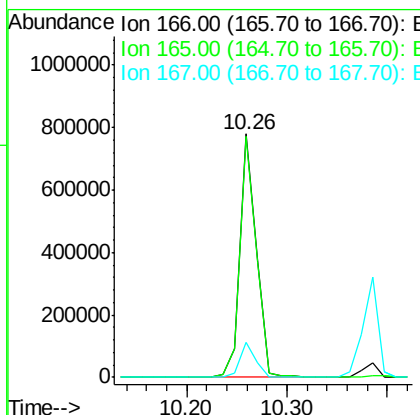
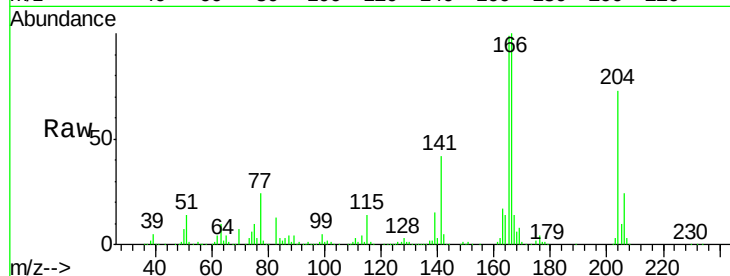
ClientSampled :

PB94546BS

Tot Ion:	166	Resp:	880067
Ion Ratio	Lower	Upper	
166	100		
165	99.2	78.6	118.0
167	14.3	11.1	16.7

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.85 ng

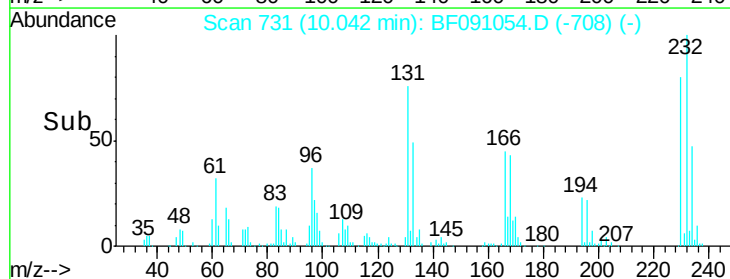
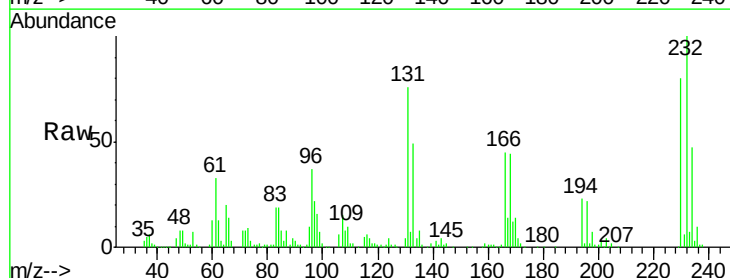
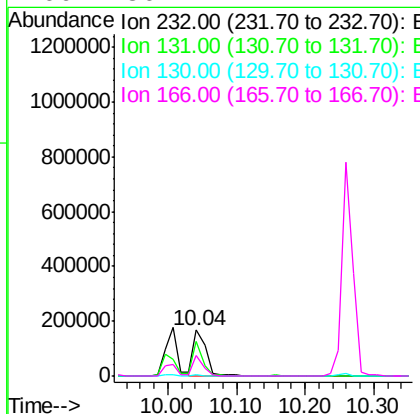
RT: 10.04 min Scan# 731

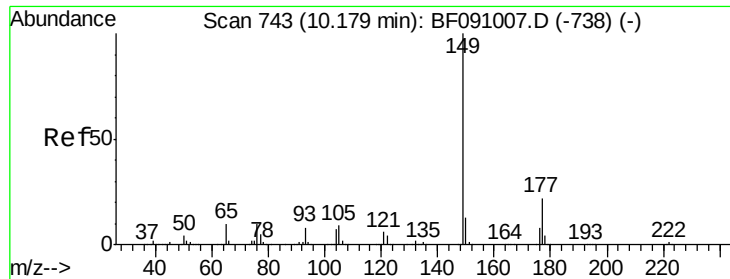
Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Tgt Ion:	232	Resp:	213549
Ion Ratio	Lower	Upper	
232	100		
131	60.1	43.6	65.4
130	2.8	2.0	3.0
166	36.2	27.4	41.2





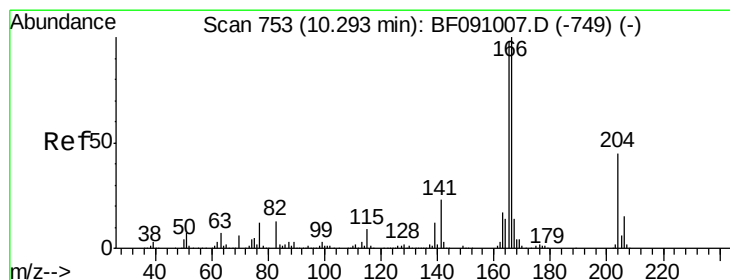
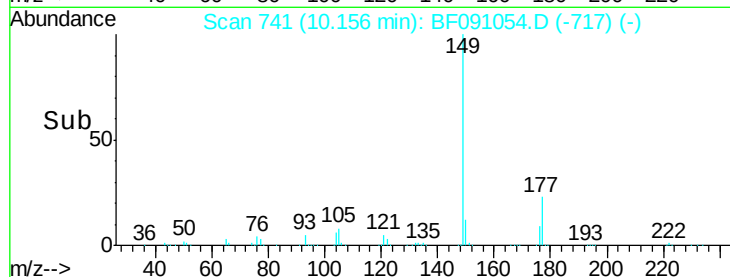
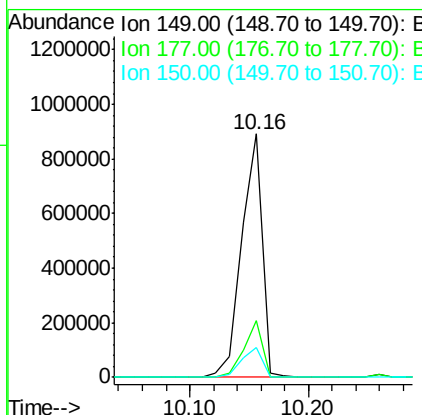
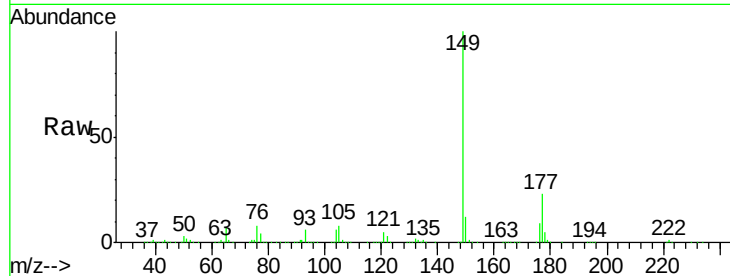
#59
Diethylphthalate
Concen: 40.57 ng
RT: 10.16 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB94546BS

Tot Ion:149 Resp: 1079721
Ion Ratio Lower Upper
149 100
177 23.3 17.3 25.9
150 12.4 10.3 15.5

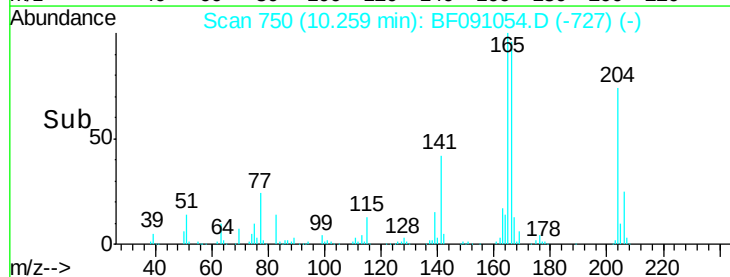
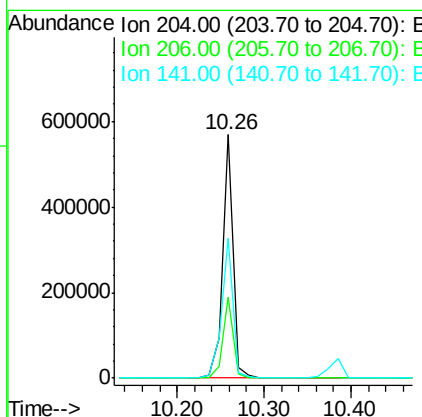
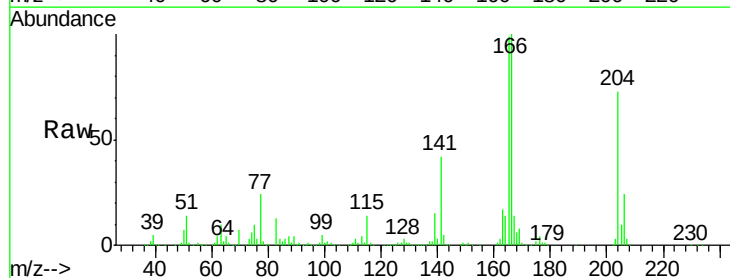
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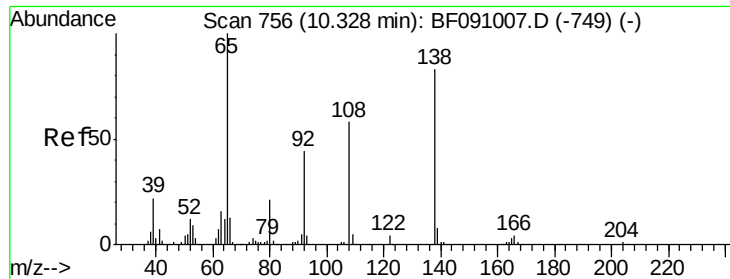
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#60
4-Chlorophenyl-phenylether
Concen: 45.04 ng
RT: 10.26 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion:204 Resp: 484306
Ion Ratio Lower Upper
204 100
206 33.5 27.1 40.7
141 57.3 40.1 60.1





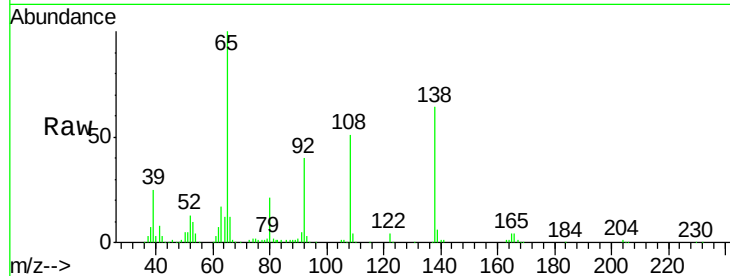
#61
4-Nitroaniline
Concen: 33.86 ng
RT: 10.29 min Scan# 753
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB94546BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.7	32.5	72.5
108	79.5	49.4	89.4

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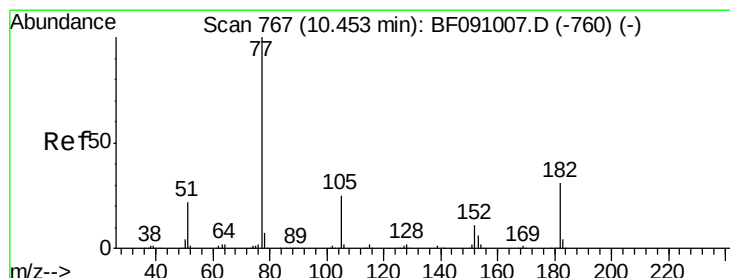
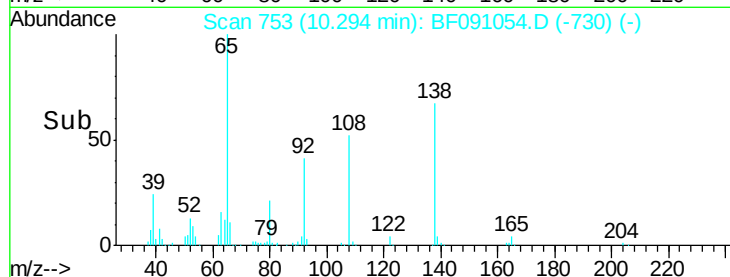
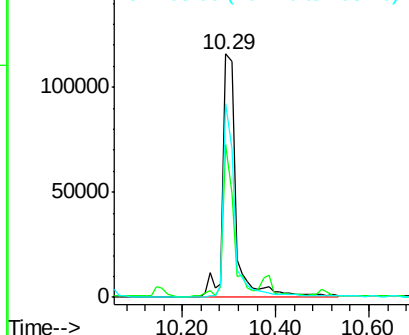


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 42.17 ng
RT: 10.42 min Scan# 764
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.9	11.0	51.0
105	24.1	5.6	45.6
51	25.2	2.7	42.7

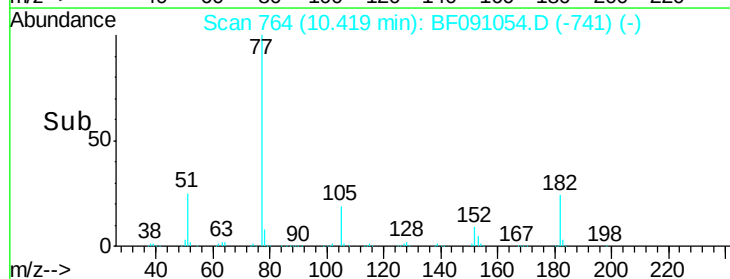
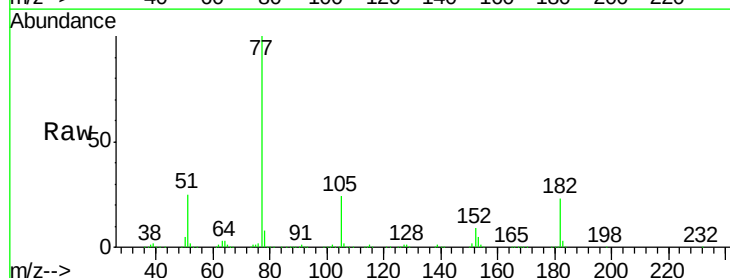
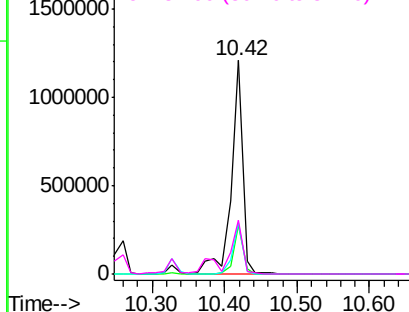
Abundance

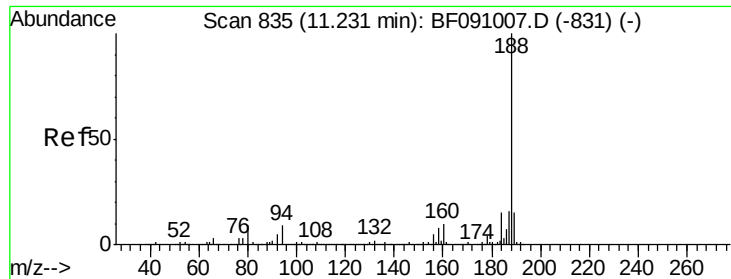
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





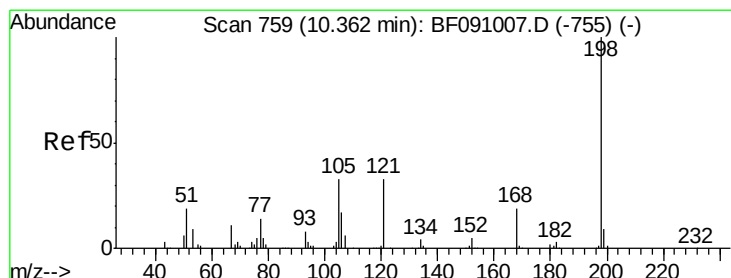
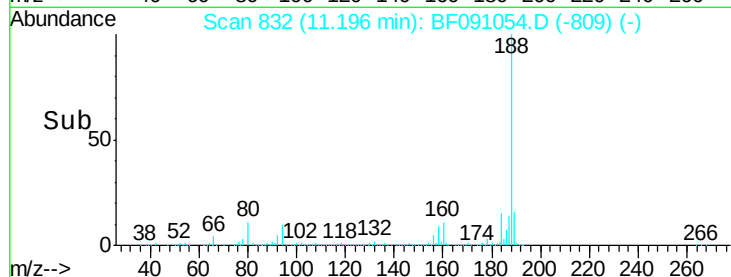
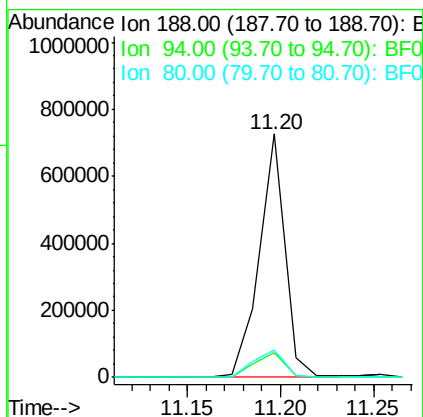
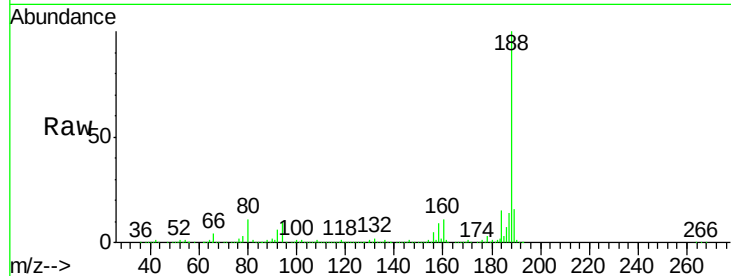
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 832
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampled :
PB94546BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.3	7.0	10.4
80	11.4	7.5	11.3#

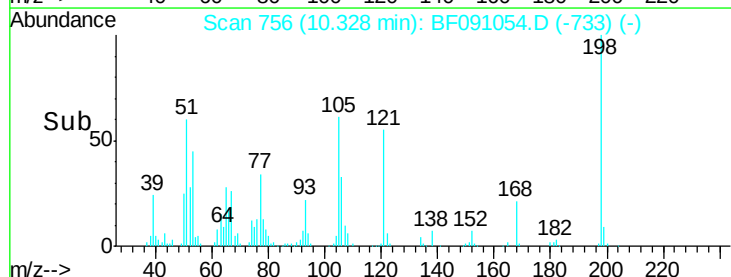
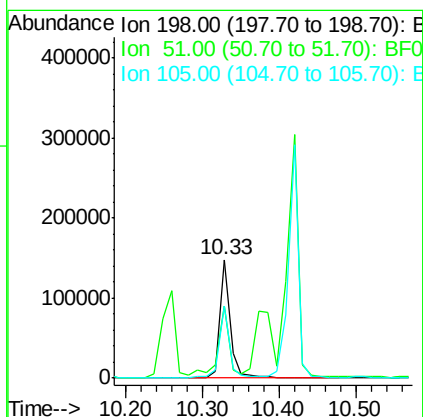
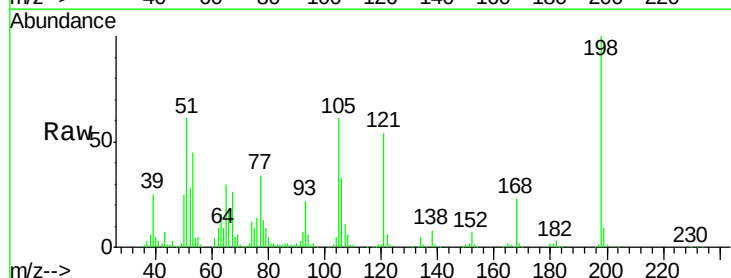
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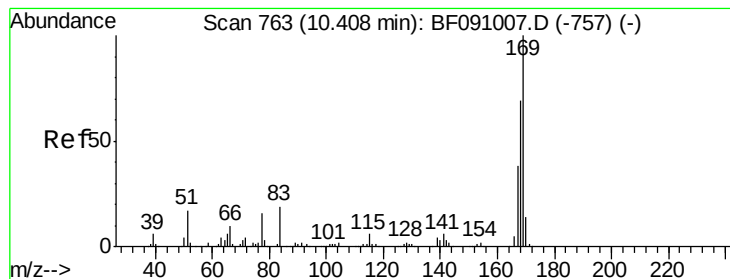
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.23 ng
RT: 10.33 min Scan# 756
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	60.6	5.9	45.9#
105	60.6	13.8	53.8#





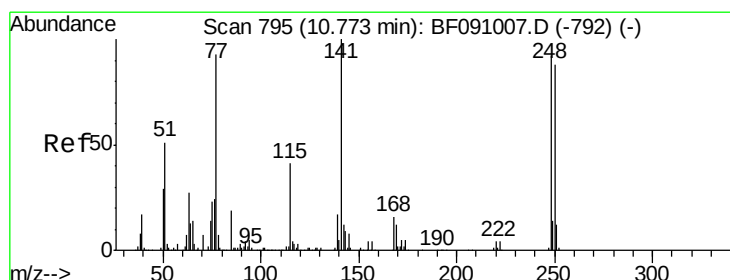
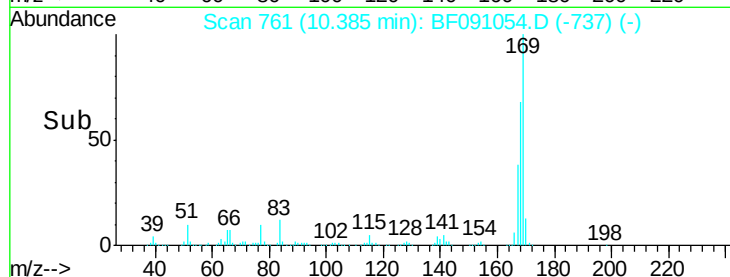
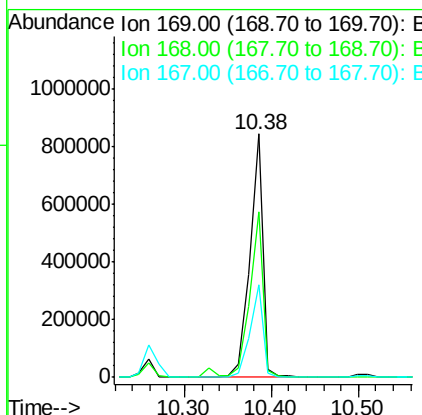
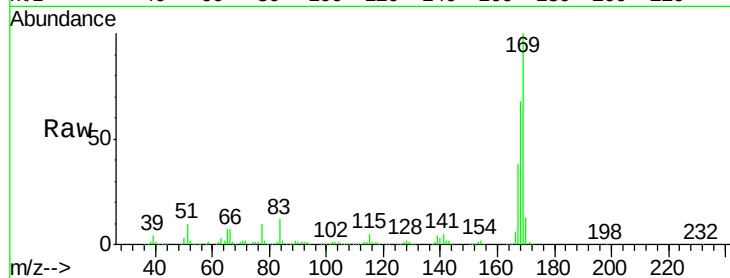
#65
n-Nitrosodiphenylamine
Concen: 40.63 ng
RT: 10.38 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampled :
PB94546BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	893166		
168	68.0		55.3	82.9
167	38.1		30.3	45.5

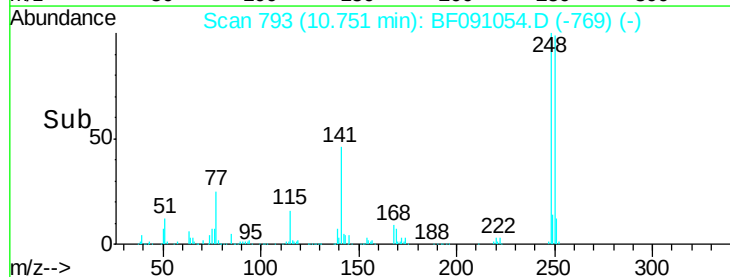
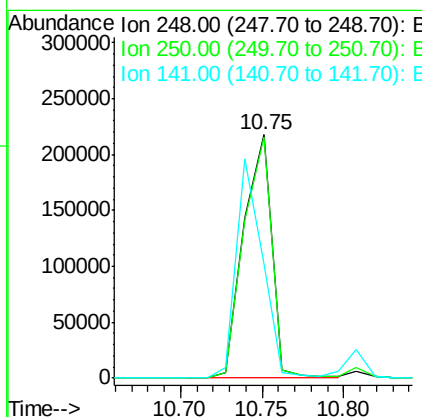
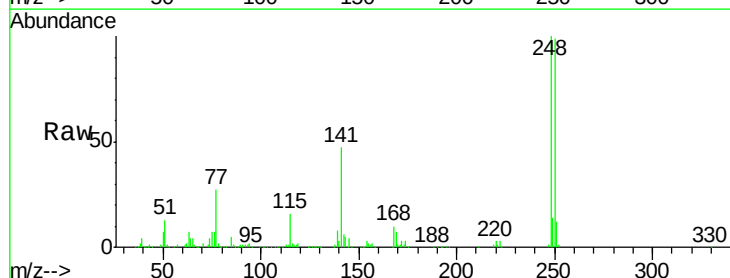
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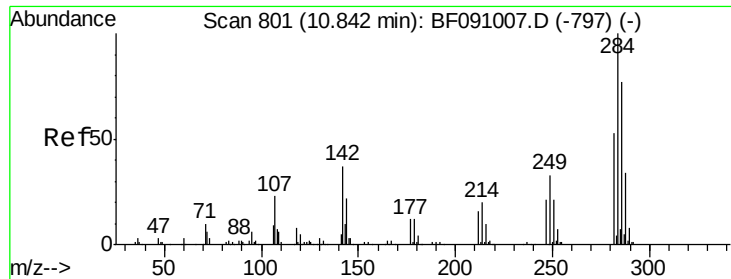
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#66
4-Bromophenyl-phenylether
Concen: 36.14 ng
RT: 10.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	259939		
250	99.1		76.3	114.5
141	47.2		86.8	130.2#





#67

Hexachlorobenzene

Concen: 34.77 ng

RT: 10.81 min Scan# 798

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

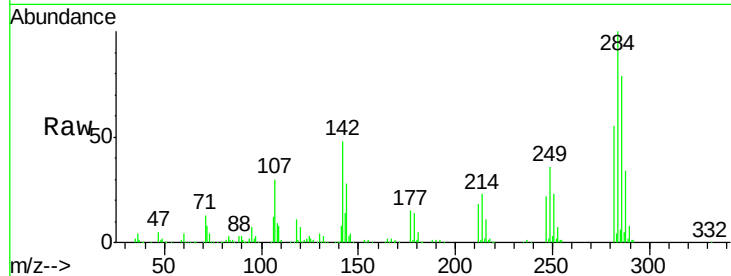
ClientSampled :

PB94546BS

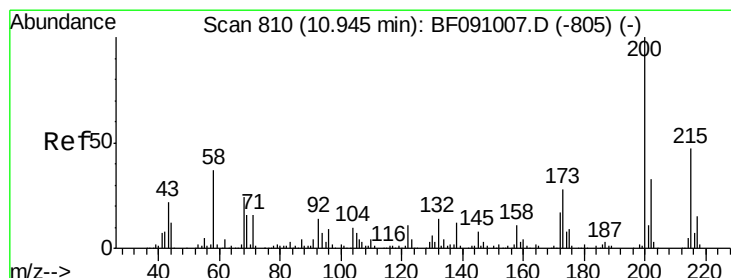
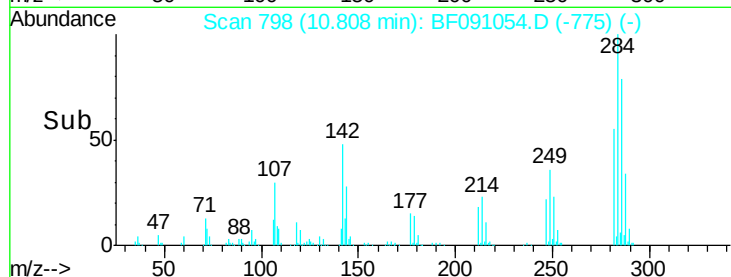
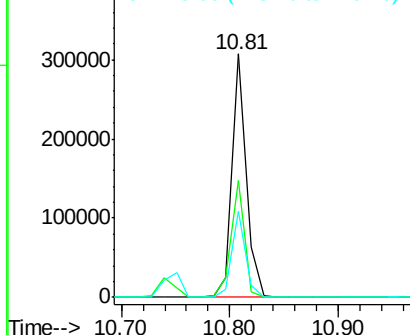
Tot Ion:	284	Resp:	275839
Ion Ratio		Lower	Upper
284	100		
142	47.8	29.9	44.9#
249	35.6	26.6	39.8

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



#68

Atrazine

Concen: 36.54 ng

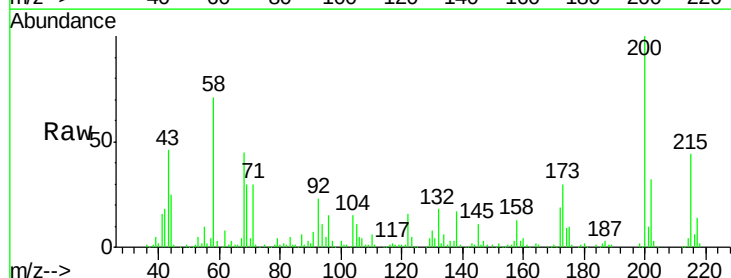
RT: 10.91 min Scan# 807

Delta R.T. -0.03 min

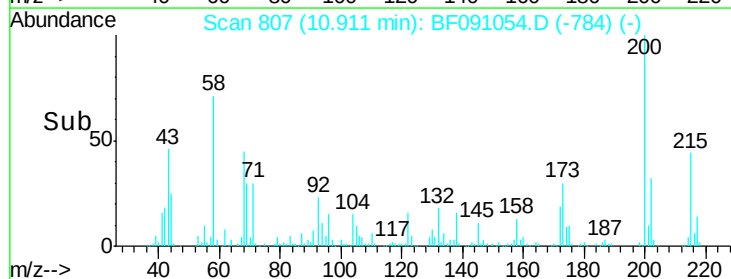
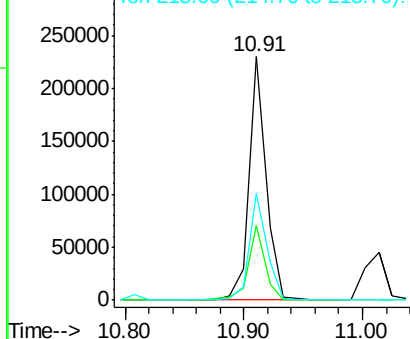
Lab File: BF091054.D

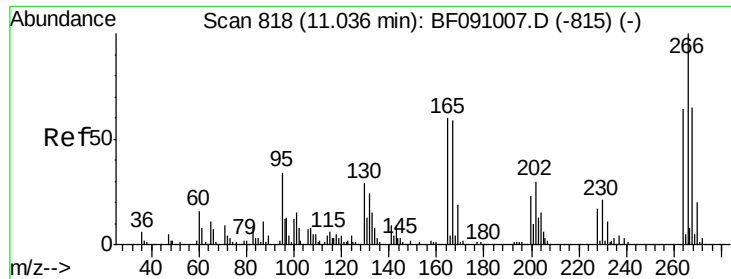
Acq: 7 Nov 2016 14:31

Tgt Ion:	200	Resp:	231722
Ion Ratio		Lower	Upper
200	100		
173	30.5	8.1	48.1
215	44.0	27.3	67.3



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





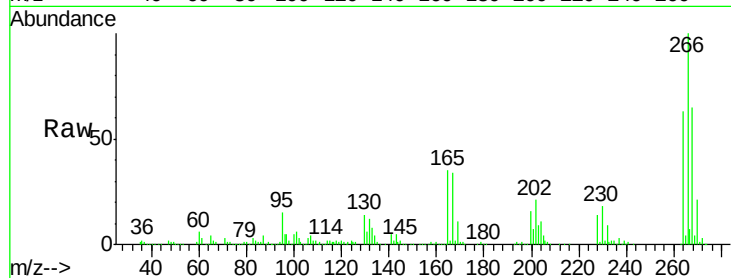
#69
 Pentachlorophenol
 Concen: 85.61 ng
 RT: 11.01 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB94546BS

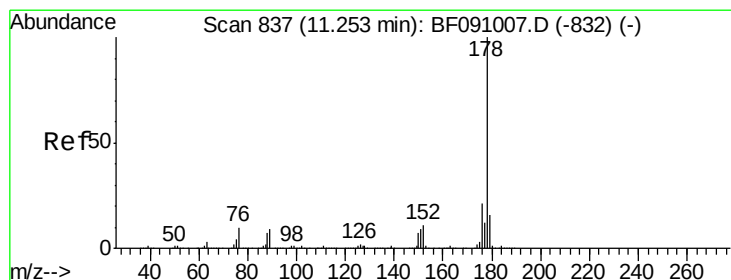
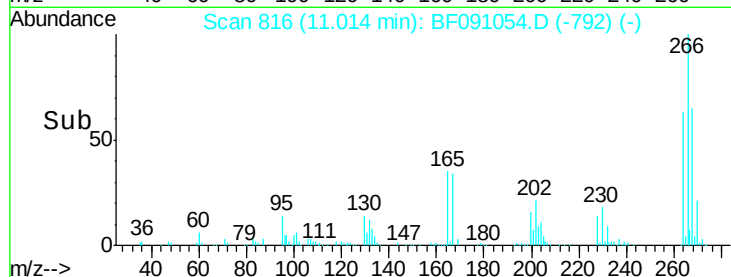
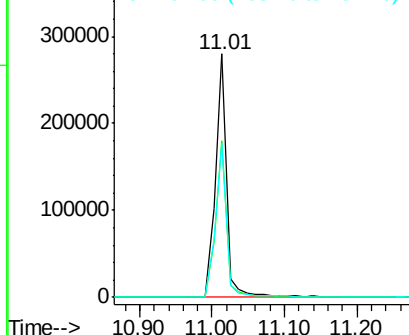
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	52.1	78.1
264	63.1	51.1	76.7

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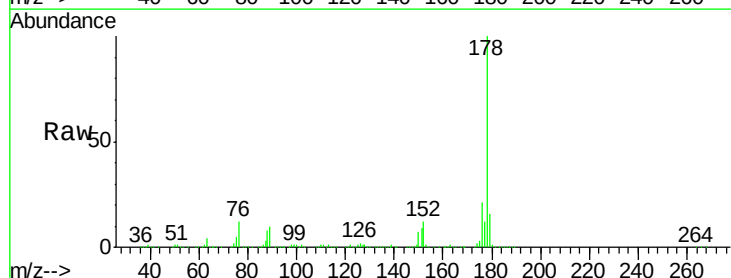


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

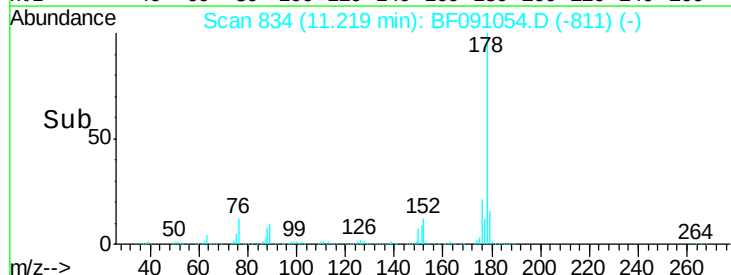
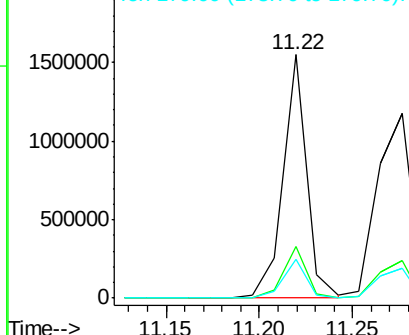


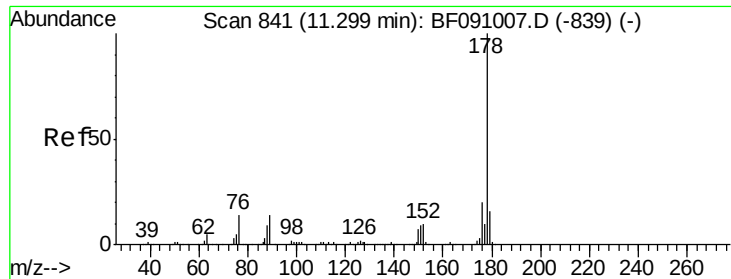
#70
 Phenanthrene
 Concen: 37.14 ng
 RT: 11.22 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.6	25.0
179	16.2	12.9	19.3



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





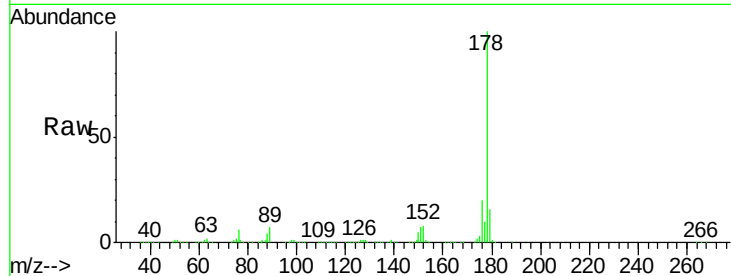
#71
 Anthracene
 Concen: 38.24 ng
 RT: 11.28 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB94546BS

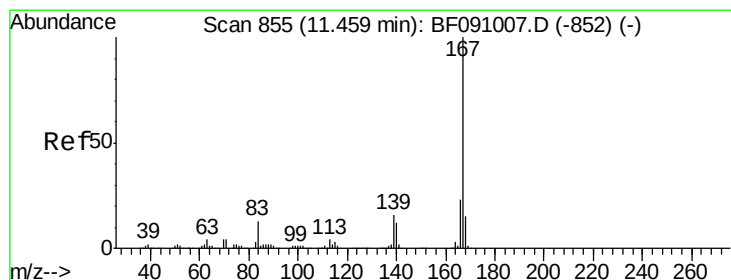
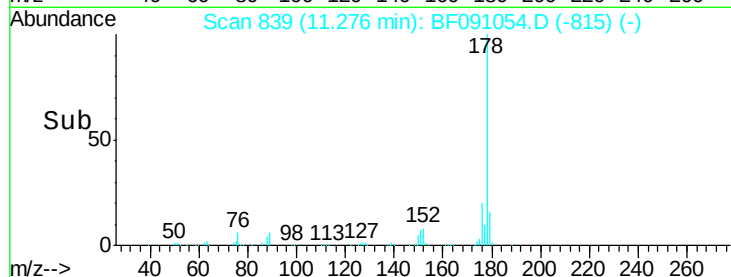
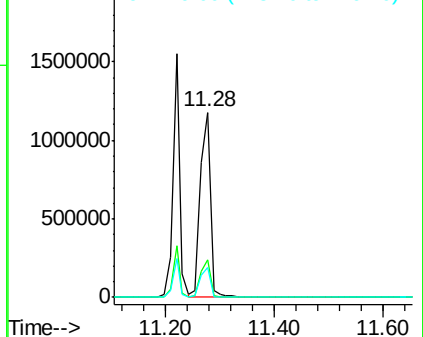
Tot Ion:178 Resp: 1494559
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.9 13.0 19.6

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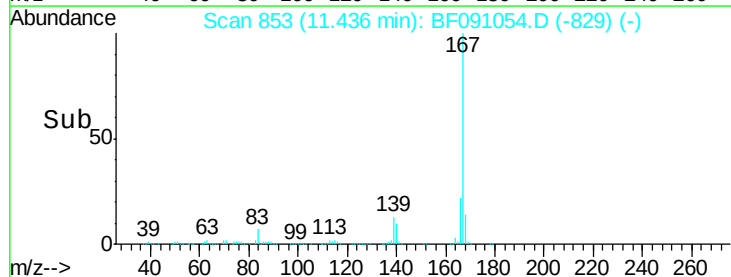
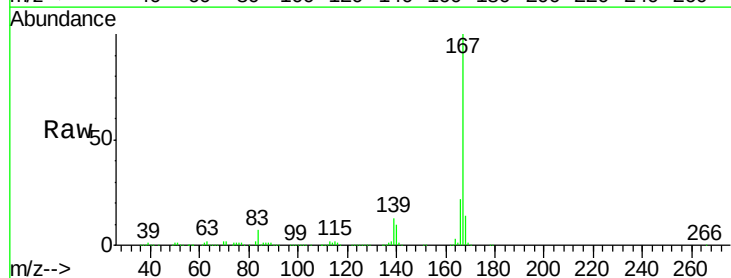
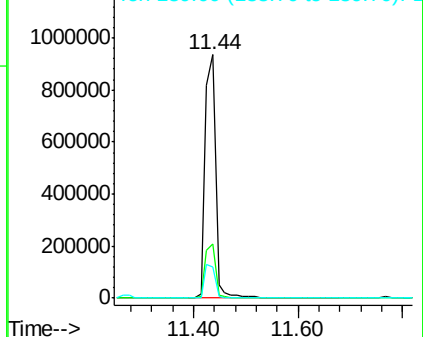
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

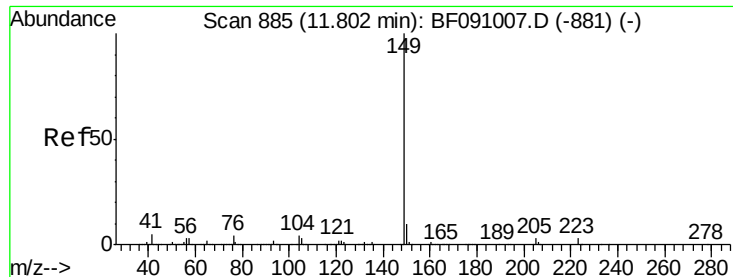


#72
 Carbazole
 Concen: 37.41 ng
 RT: 11.44 min Scan# 853
 Delta R.T. -0.02 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion:167 Resp: 1317505
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 12.8 12.6 18.8

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.73 ng

RT: 11.77 min Scan# 882

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

ClientSampled :

PB94546BS

Tot Ion:149 Resp: 1538639

Ion Ratio Lower Upper

149 100

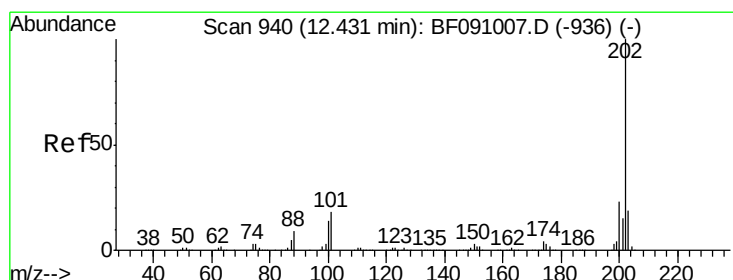
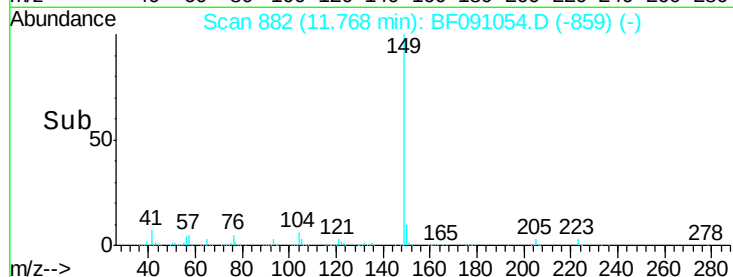
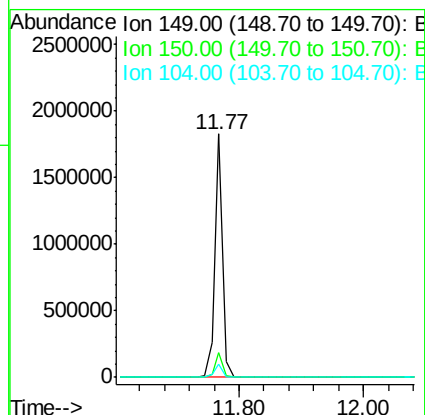
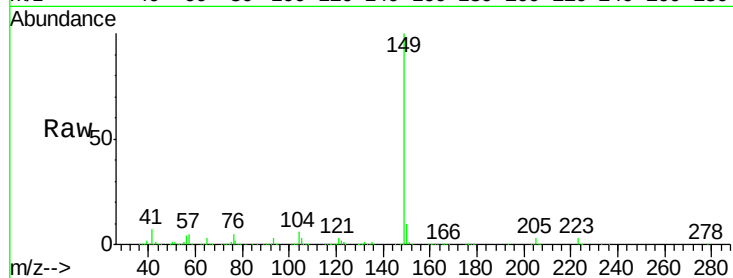
150 10.2 7.7 11.5

104 5.6 3.6 5.4#

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#74

Fluoranthene

Concen: 36.60 ng

RT: 12.41 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

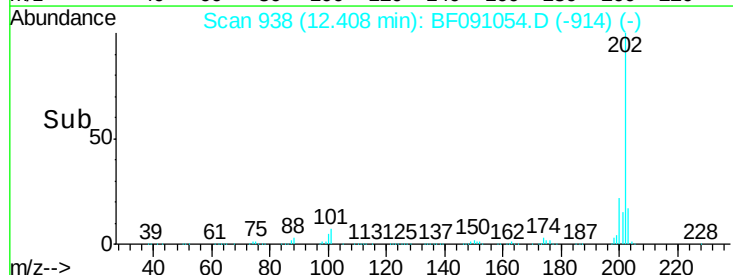
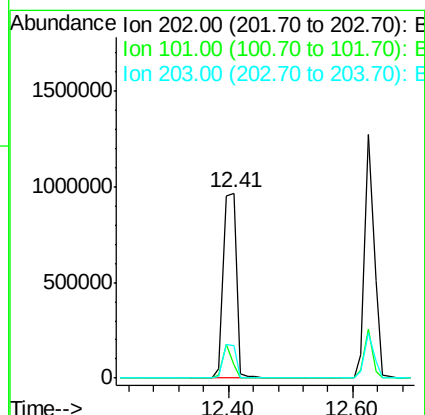
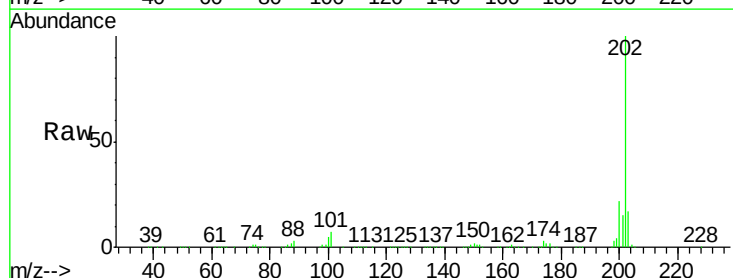
Tgt Ion:202 Resp: 1395644

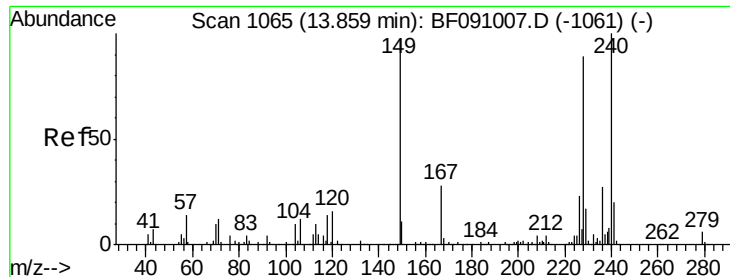
Ion Ratio Lower Upper

202 100

101 7.1 0.0 37.6

203 17.3 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

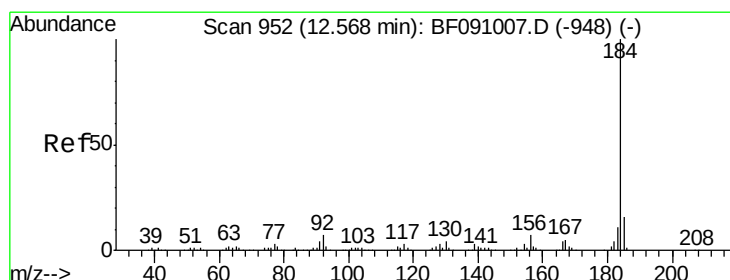
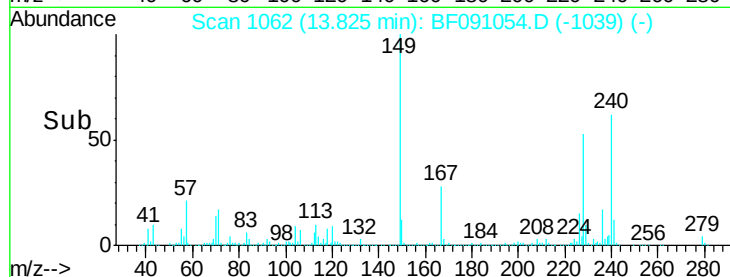
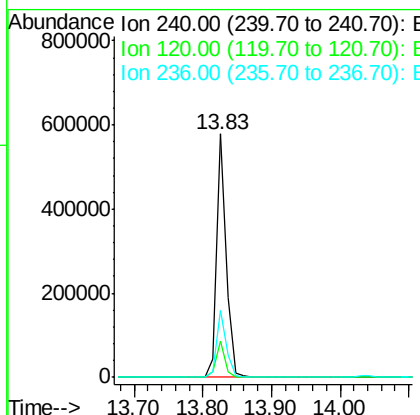
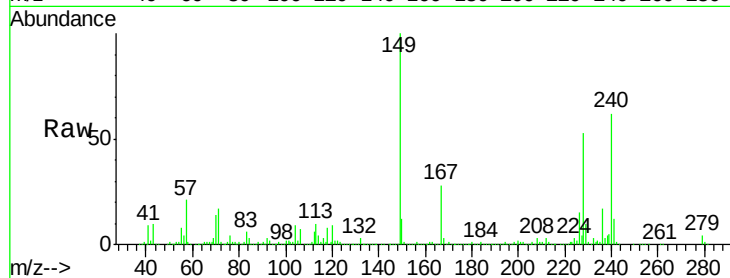
ClientSampled :

PB94546BS

Tot Ion:	240	Resp:	574779
Ion Ratio	Lower	Upper	
240	100		
120	14.9	12.9	19.3
236	27.4	21.9	32.9

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#76

Benzidine

Concen: 20.47 ng

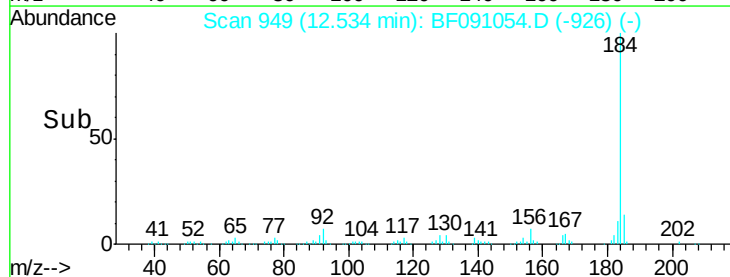
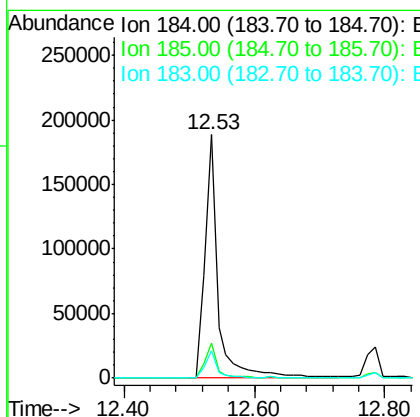
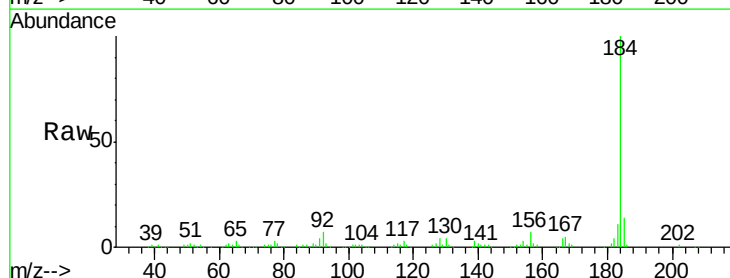
RT: 12.53 min Scan# 949

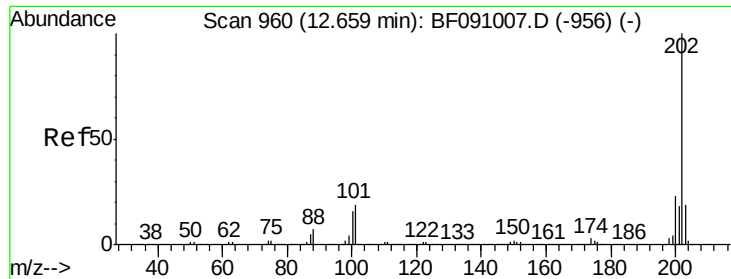
Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Tgt Ion:	184	Resp:	262811
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.0	19.4
183	11.3	8.7	13.1





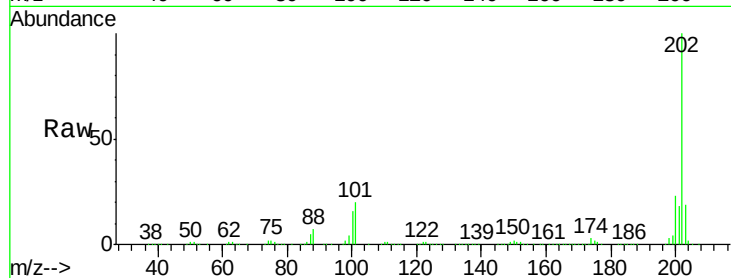
#77
Pvrene
Concen: 35.36 ng
RT: 12.63 min Scan# 957
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB94546BS

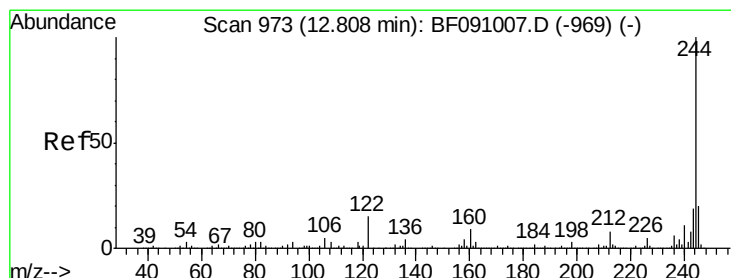
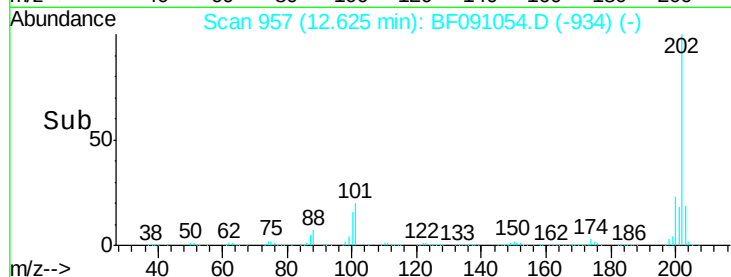
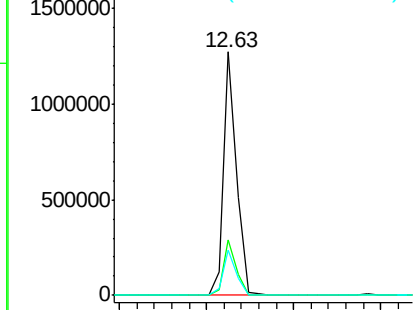
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.4	27.6
203	18.7	15.0	22.6

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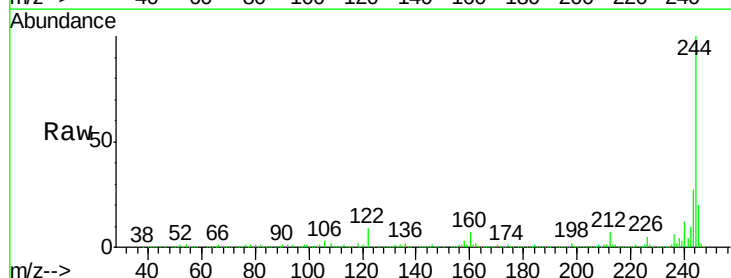


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

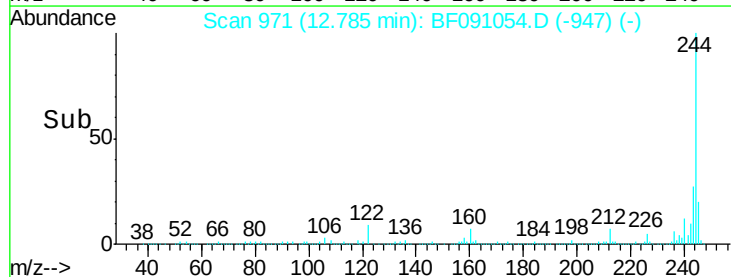
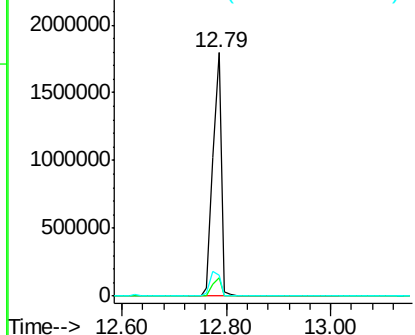


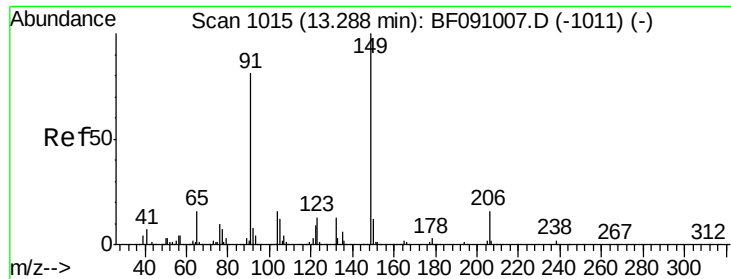
#78
Terphenyl-d14
Concen: 87.79 ng
RT: 12.79 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	8.8	12.3	18.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





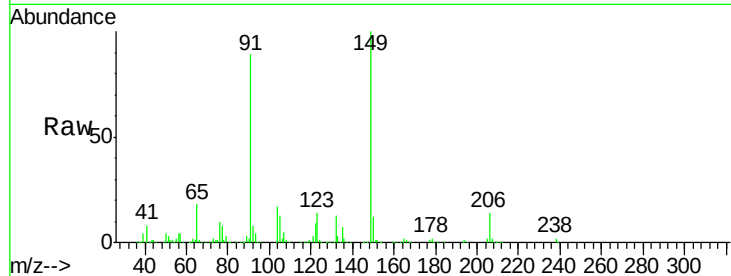
#79
Butylbenzylphthalate
Concen: 36.94 ng
RT: 13.25 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampleId :
PB94546BS

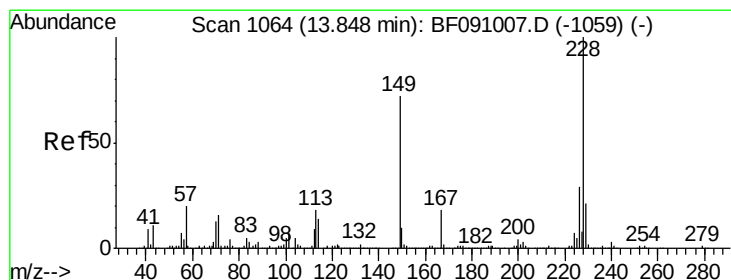
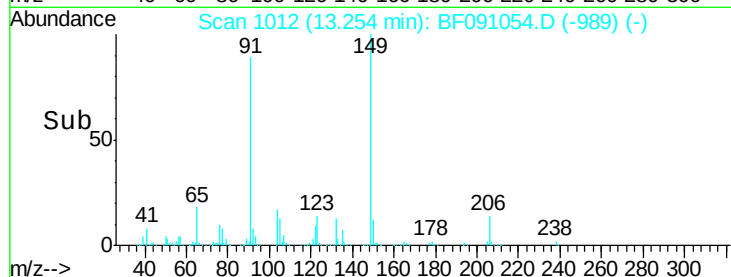
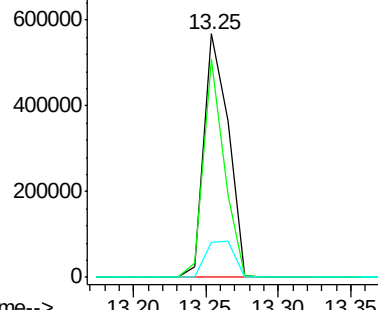
Tot Ion	Ratio	Resp	Lower	Upper
149	100	665191		
91	89.3	65.0	97.4	
206	14.3	12.5	18.7	

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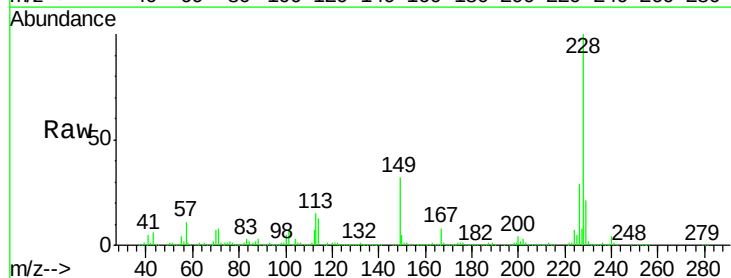


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

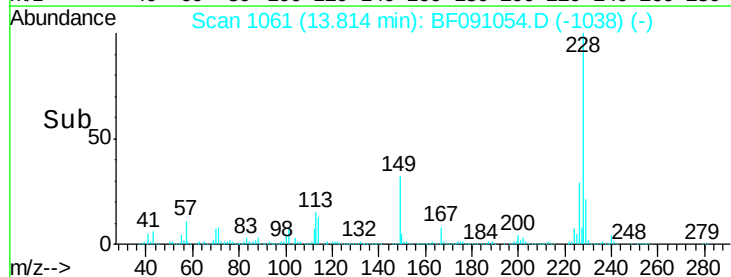
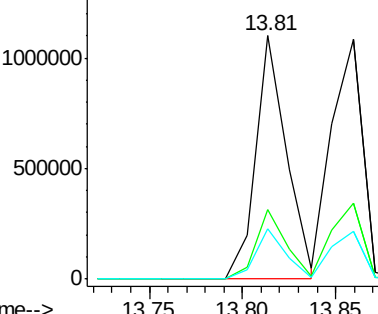


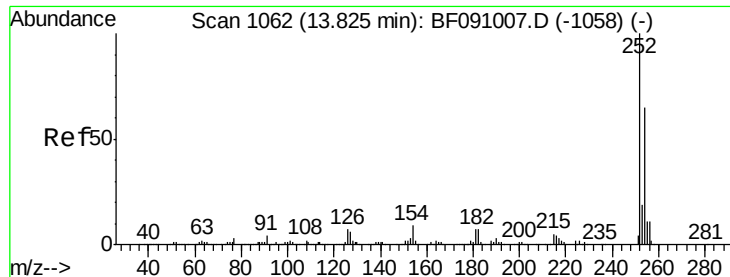
#80
Benzo(a)anthracene
Concen: 38.74 ng
RT: 13.81 min Scan# 1061
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1264349		
226	28.6	23.0	34.6	
229	20.5	16.6	24.8	



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





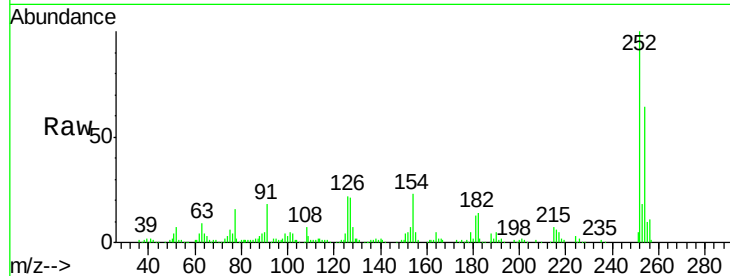
#81
 3,3'-Dichlorobenzidine
 Concen: 18.43 ng
 RT: 13.78 min Scan# 1058
 Delta R.T. -0.05 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB94546BS

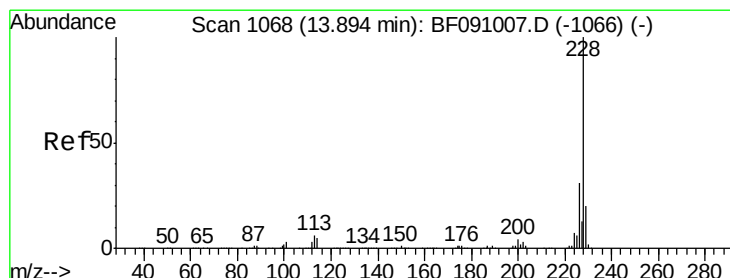
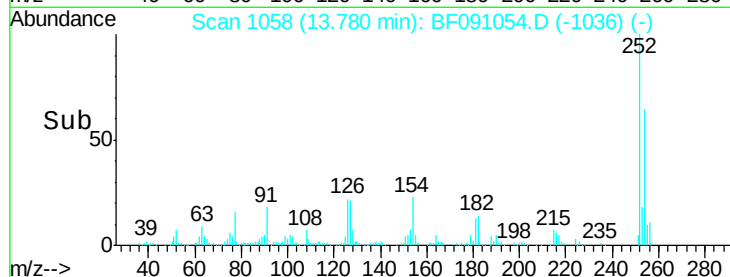
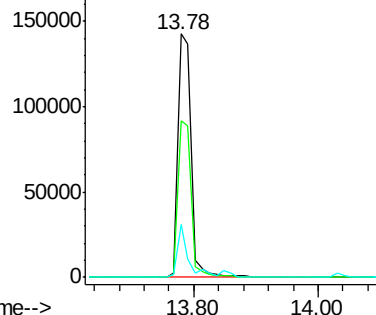
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.0	78.0
126	21.8	5.4	8.2

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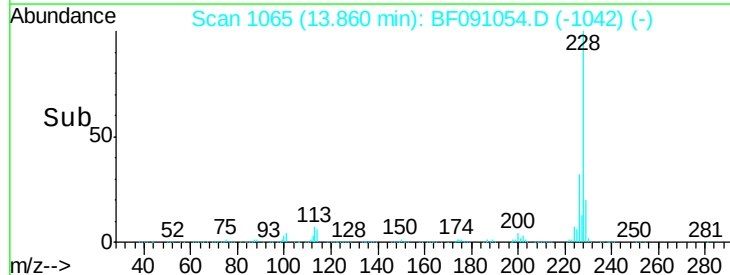
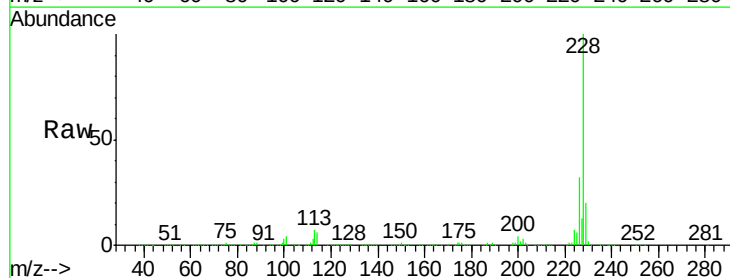
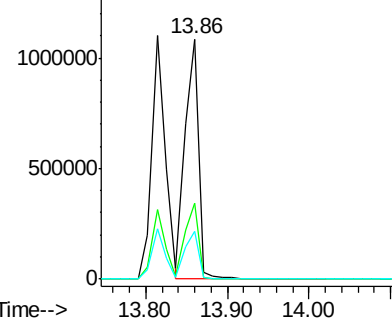
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

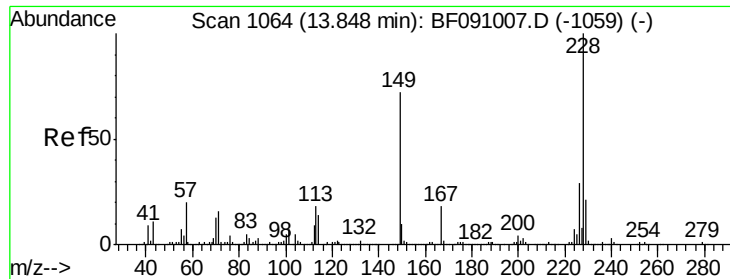


#82
 Chrysene
 Concen: 39.47 ng
 RT: 13.86 min Scan# 1065
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	20.1	15.9	23.9

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





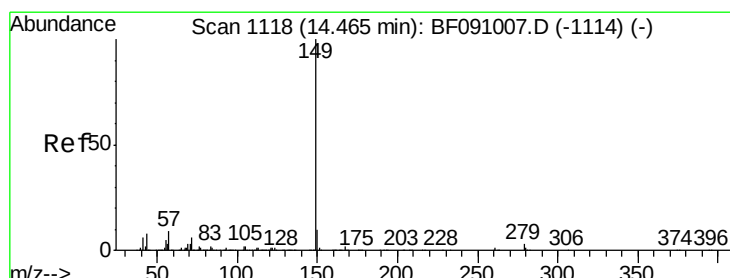
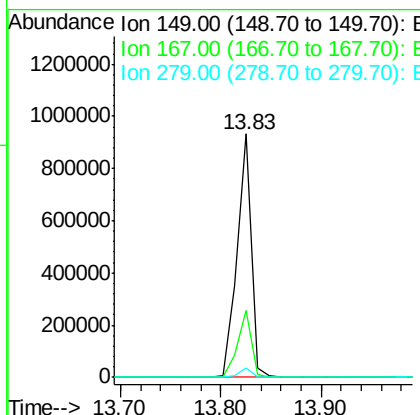
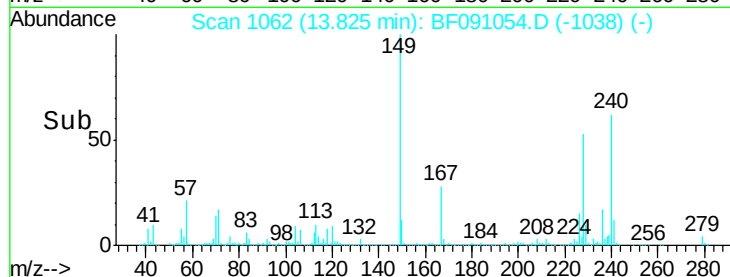
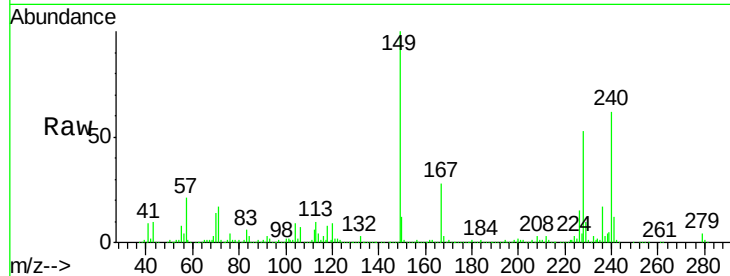
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.69 ng
 RT: 13.83 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB94546BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.6	20.4	30.6
279	3.9	1.6	2.4

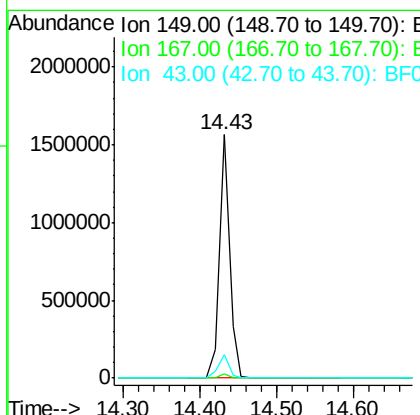
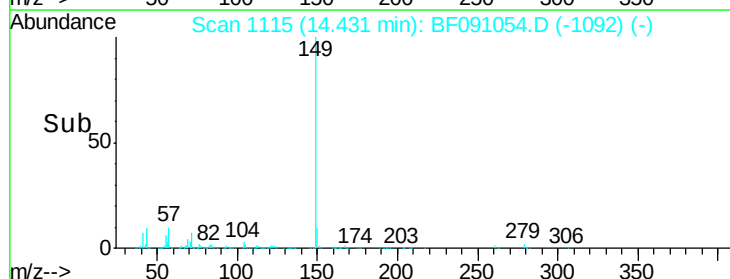
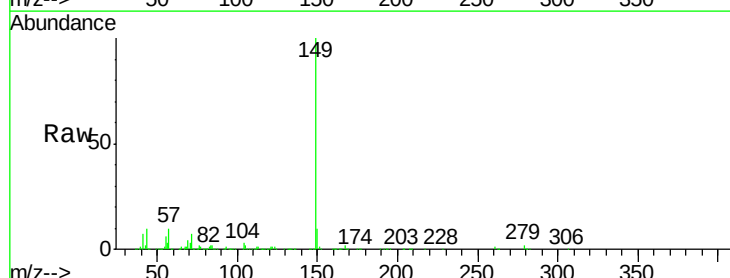
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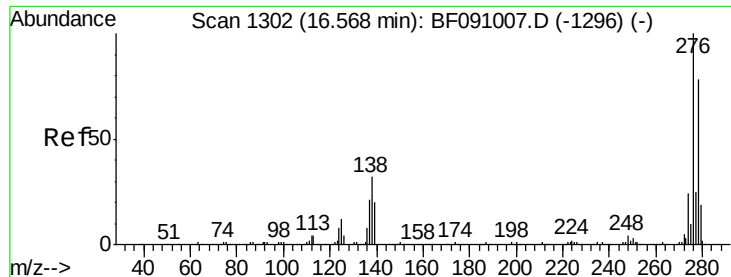
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#84
 Di-n-octyl phthalate
 Concen: 36.12 ng
 RT: 14.43 min Scan# 1115
 Delta R.T. -0.03 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	8.2	12.4





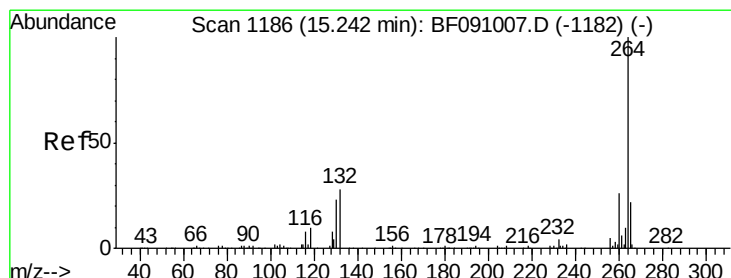
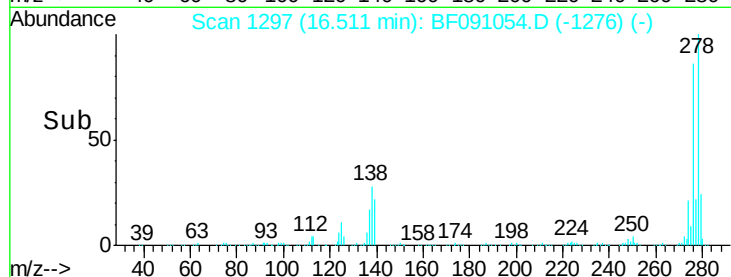
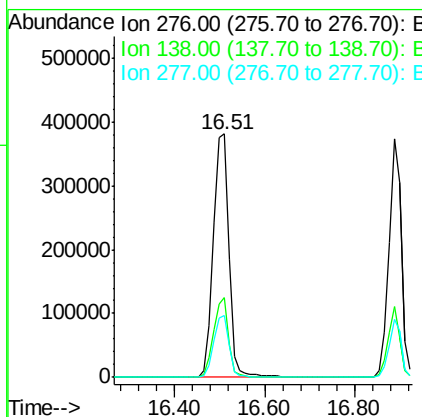
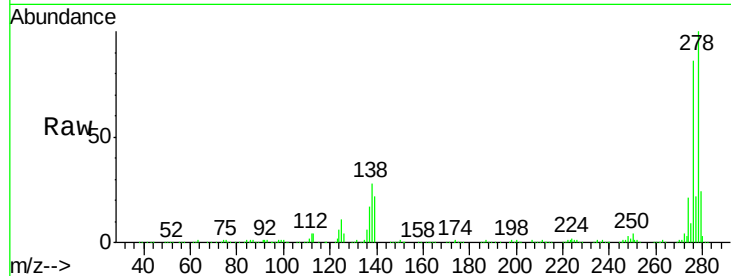
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.83 ng
RT: 16.51 min Scan# 1297
Delta R.T. -0.06 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampled :
PB94546BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.2	26.0	39.0
277	24.9	20.1	30.1

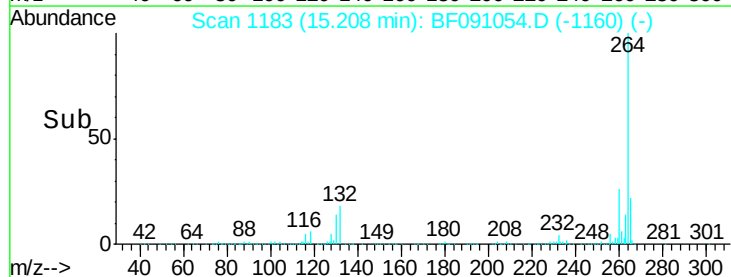
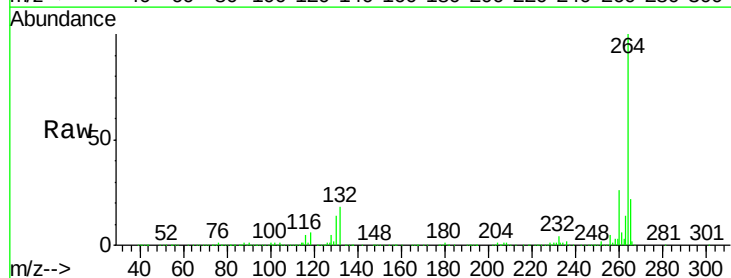
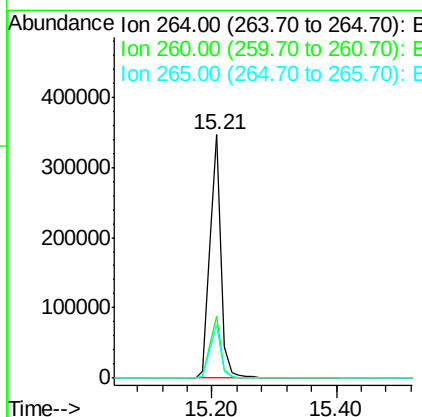
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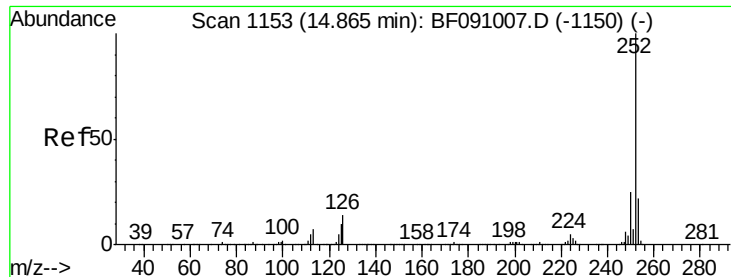
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.6	30.8
265	21.8	17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 43.45 ng m

RT: 14.83 min Scan# 1150

Delta R.T. -0.03 min

Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Instrument :

BNA_F

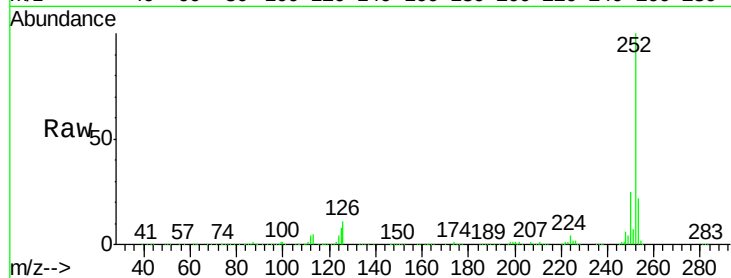
ClientSampled :

PB94546BS

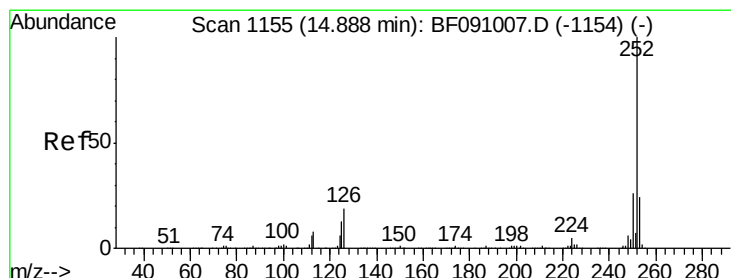
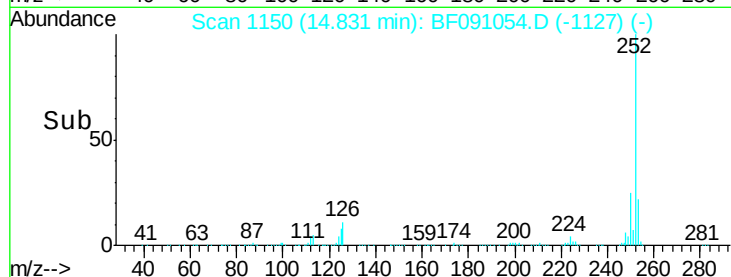
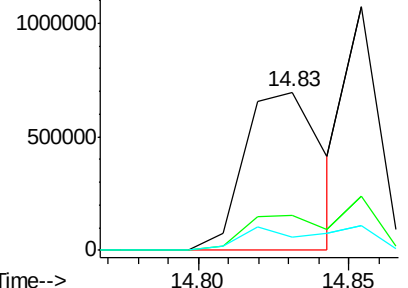
Tot Ion:252	Resp: 1260403
Ion Ratio	Lower Upper
252 100	
253 22.2	18.0 27.0
125 8.4	8.3 12.5

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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: 32.16 ng m

RT: 14.85 min Scan# 1152

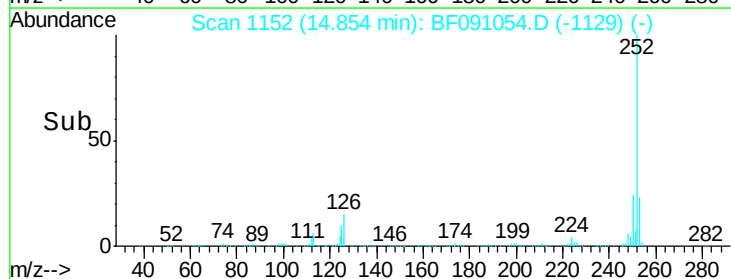
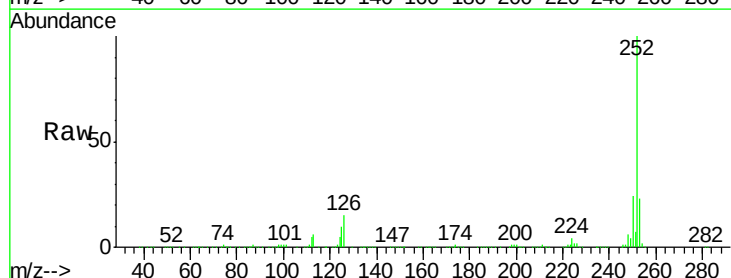
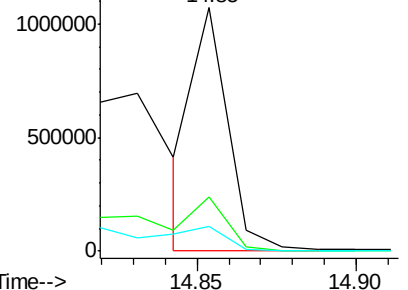
Delta R.T. -0.03 min

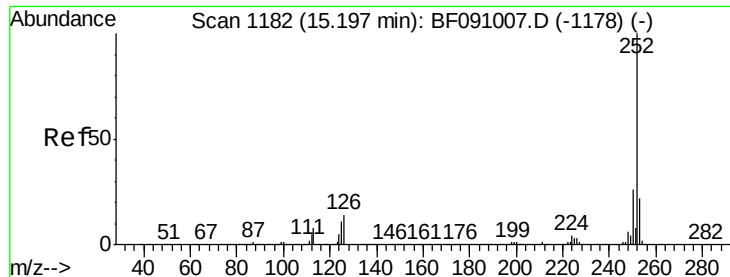
Lab File: BF091054.D

Acq: 7 Nov 2016 14:31

Tgt Ion:252	Resp: 818389
Ion Ratio	Lower Upper
252 100	
253 22.5	18.6 28.0
125 10.3	11.2 16.8#

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





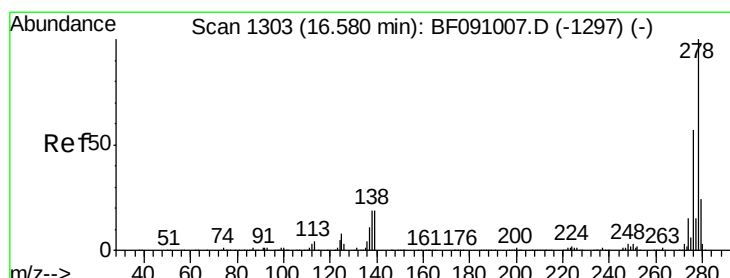
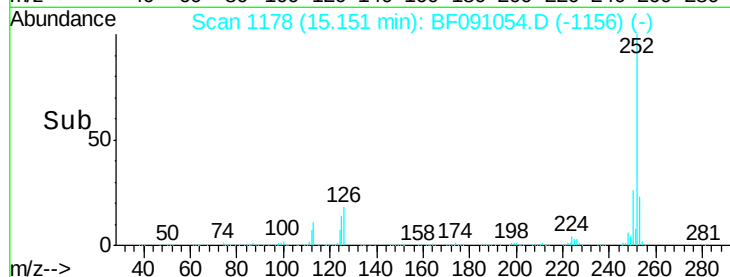
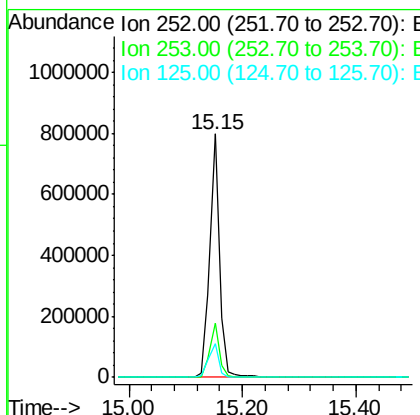
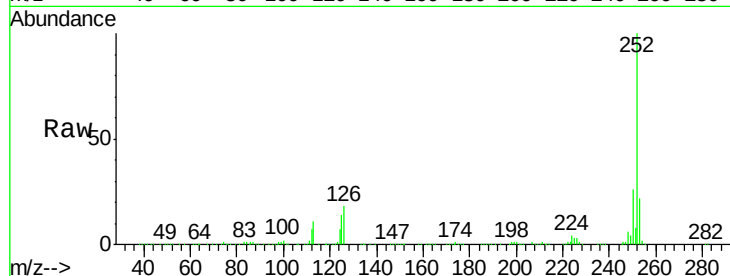
#89
Benzo(a)pyrene
Concen: 36.14 ng
RT: 15.15 min Scan# 1178
Delta R.T. -0.05 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Instrument :
BNA_F
ClientSampled :
PB94546BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	13.7	8.6	13.0

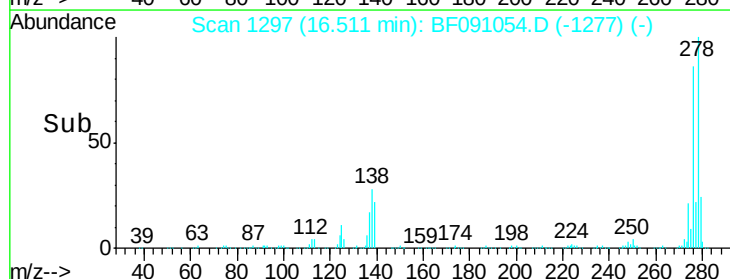
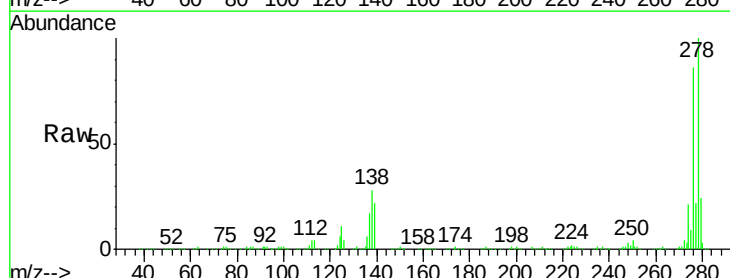
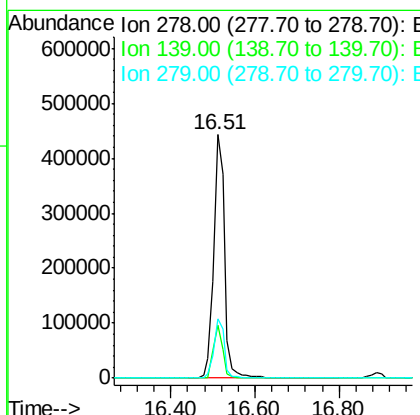
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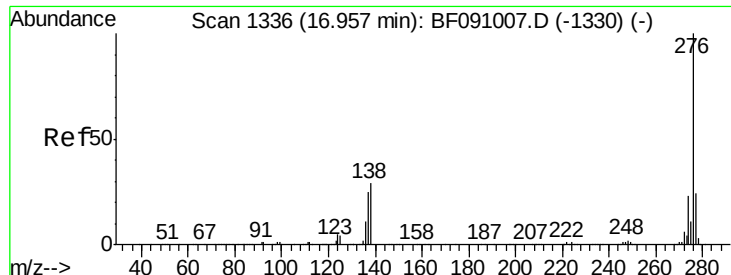
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#90
Dibenzo(a,h)anthracene
Concen: 36.32 ng
RT: 16.51 min Scan# 1297
Delta R.T. -0.07 min
Lab File: BF091054.D
Acq: 7 Nov 2016 14:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.3	22.9
279	24.2	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 37.05 ng
 RT: 16.89 min Scan# 1330
 Delta R.T. -0.07 min
 Lab File: BF091054.D
 Acq: 7 Nov 2016 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB94546BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	29.6	23.3	34.9

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