

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
 Data File : BF091142.D
 Acq On : 11 Nov 2016 16:10
 Operator : UM/SJ
 Sample : PB94661BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BS

Manual Integrations
 APPROVED

sohil
 11/14/2016 6:36:54 PM

Quant Time: Nov 11 16:58:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	169151	20.00	ng	-0.01
21) Naphthalene-d8	7.93	136	680942	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	377411	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	619697	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	601542	20.00	ng	-0.02
86) Perylene-d12	15.15	264	422113	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1105529	107.94	ng	0.00
7) Phenol-d6	6.30	99	1404712	101.05	ng	-0.01
23) Nitrobenzene-d5	7.22	82	1101222	88.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	480064	140.70	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1797020	81.97	ng	-0.02
78) Terphenyl-d14	12.74	244	1847972	76.66	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	174754	29.83	ng	98
3) Pyridine	2.84	79	530356	38.70	ng	99
4) n-Nitrosodimethylamine	2.81	42	184447	34.02	ng	82
6) Aniline	6.30	93	295654	18.03	ng	# 64
8) 2-Chlorophenol	6.43	128	460285	37.68	ng	90
9) Benzaldehyde	6.19	77	52178	6.76	ng	98
10) Phenol	6.32	94	598739	38.92	ng	# 62
11) bis(2-Chloroethyl)ether	6.38	93	482364	37.21	ng	95
12) 1,3-Dichlorobenzene	6.58	146	475482	38.48	ng	97
13) 1,4-Dichlorobenzene	6.66	146	498337	37.59	ng	96
14) 1,2-Dichlorobenzene	6.81	146	475319	39.07	ng	96
15) Benzyl Alcohol	6.81	79	396652	40.45	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	6.93	45	618959	33.34	ng	79
17) 2-Methylphenol	6.92	107	391685	40.50	ng	97
18) Hexachloroethane	7.15	117	195133	38.03	ng	# 90
19) n-Nitroso-di-n-propylamine	7.07	70	367798	38.18	ng	99
20) 3+4-Methylphenols	7.08	107	519326	44.72	ng	94
22) Acetophenone	7.06	105	691080	44.08	ng	# 96
24) Nitrobenzene	7.23	77	528243	38.32	ng	93
25) Isophorone	7.48	82	1014913	42.19	ng	96
26) 2-Nitrophenol	7.55	139	251896	43.18	ng	88
27) 2,4-Dimethylphenol	7.61	122	444193	46.04	ng	99
28) bis(2-Chloroethoxy)methane	7.70	93	624704	47.54	ng	99
29) 2,4-Dichlorophenol	7.80	162	380100	45.14	ng	96
30) 1,2,4-Trichlorobenzene	7.88	180	406962	42.98	ng	96
31) Naphthalene	7.95	128	1270706	39.02	ng	99
32) Benzoic acid	7.77	122	259589	35.91	ng	97
33) 4-Chloroaniline	8.02	127	136093	10.05	ng	98
34) Hexachlorobutadiene	8.08	225	239756	46.92	ng	98
35) Caprolactam	8.40	113	137290m	51.90	ng	
36) 4-Chloro-3-methylphenol	8.51	107	404315	39.66	ng	91
37) 2-Methylnaphthalene	8.65	142	893537	42.68	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	402764	41.86	ng	98
40) Hexachlorocyclopentadiene	8.80	237	371683	97.91	ng	98

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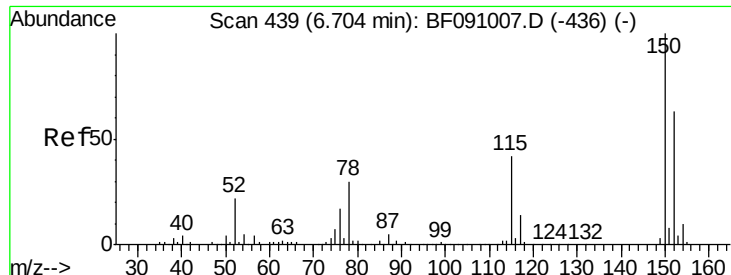
Manual Integrations
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Quant Time: Nov 11 16:58:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
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 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	267658	43.09	nq	99
43) 2,4,5-Trichlorophenol	8.98	196	281413	43.15	nq	# 92
45) 1,1'-Biphenyl	9.12	154	1030049	37.38	nq	94
46) 2-Chloronaphthalene	9.13	162	810603	38.74	nq	98
47) 2-Nitroaniline	9.24	65	282405	36.37	nq	# 78
48) Acenaphthylene	9.54	152	1309122	40.15	nq	100
49) Dimethylphthalate	9.42	163	1040210	42.03	nq	98
50) 2,6-Dinitrotoluene	9.48	165	226491	42.70	nq	# 74
51) Acenaphthene	9.71	154	774595	37.84	nq	100
52) 3-Nitroaniline	9.65	138	112501	17.89	nq	85
53) 2,4-Dinitrophenol	9.77	184	236252	81.64	nq	98
54) Dibenzofuran	9.89	168	1219346	44.25	nq	92
55) 4-Nitrophenol	9.84	139	267935	65.12	nq	92
56) 2,4-Dinitrotoluene	9.89	165	315831	46.80	nq	# 89
57) Fluorene	10.22	166	881097	39.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	232273	45.46	nq	97
59) Diethylphthalate	10.12	149	1121841	44.21	nq	98
60) 4-Chlorophenyl-phenylether	10.22	204	465011	45.36	nq	# 91
61) 4-Nitroaniline	10.27	138	247557	38.91	nq	98
62) Azobenzene	10.38	77	1259469	42.17	nq	93
64) 4,6-Dinitro-2-methylphenol	10.30	198	154982	40.84	nq	100
65) n-Nitrosodiphenylamine	10.35	169	895125	45.45	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	266940	41.41	nq	# 67
67) Hexachlorobenzene	10.77	284	289026	40.66	nq	94
68) Atrazine	10.89	200	280038	49.28	nq	97
69) Pentachlorophenol	10.98	266	307294	97.59	nq	100
70) Phenanthrene	11.18	178	1338536	40.63	nq	99
71) Anthracene	11.24	178	1362603	38.91	nq	98
72) Carbazole	11.40	167	1195583	37.88	nq	# 96
73) Di-n-butylphthalate	11.73	149	1576162	39.71	nq	99
74) Fluoranthene	12.36	202	1410527	41.28	nq	97
76) Benzidine	12.50	184	393474	29.28	nq	98
77) Pyrene	12.59	202	1426643	36.21	nq	99
79) Butylbenzylphthalate	13.22	149	710927	37.73	nq	87
80) Benzo(a)anthracene	13.78	228	1393359	40.80	nq	99
81) 3,3'-Dichlorobenzidine	13.75	252	206475	17.21	nq	# 98
82) Chrysene	13.81	228	1061744	31.53	nq	99
83) Bis(2-ethylhexyl)phthalate	13.78	149	1016964	39.88	nq	# 99
84) Di-n-octyl phthalate	14.40	149	1877724	44.78	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.43	276	945002	33.82	nq	98
87) Benzo(b)fluoranthene	14.79	252	1329095m	46.42	nq	
88) Benzo(k)fluoranthene	14.81	252	924713m	36.82	nq	
89) Benzo(a)pyrene	15.11	252	1006056	40.37	nq	99
90) Dibenzo(a,h)anthracene	16.44	278	801947	37.22	nq	98
91) Benzo(g,h,i)perylene	16.81	276	726004	37.26	nq	98

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



#1

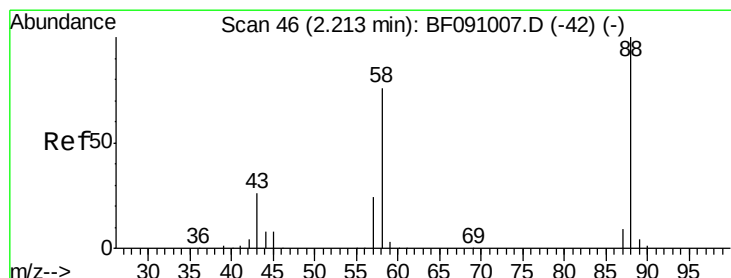
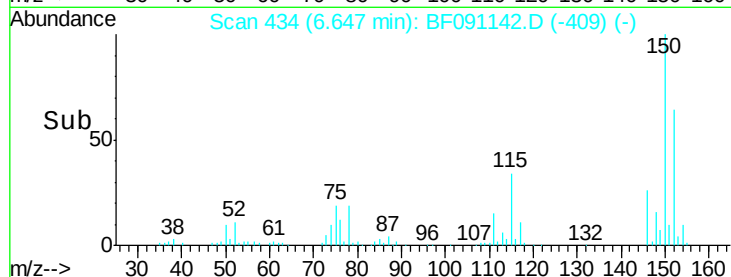
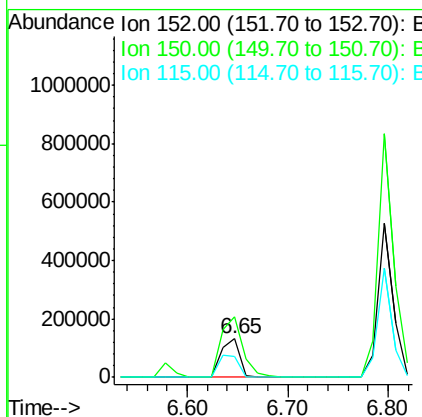
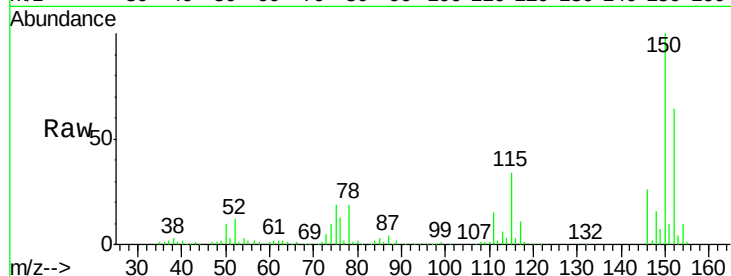
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Instrument :
BNA_F
ClientSampled :
PB94661BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.8	190.2
115	53.3	53.3	79.9

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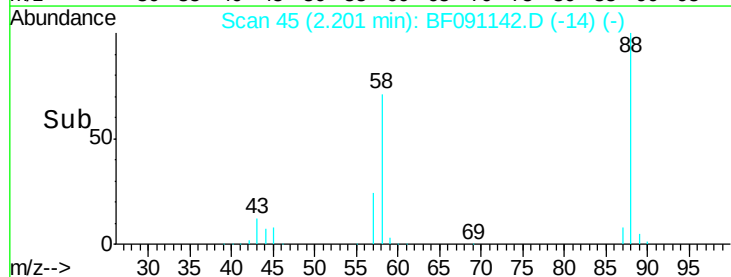
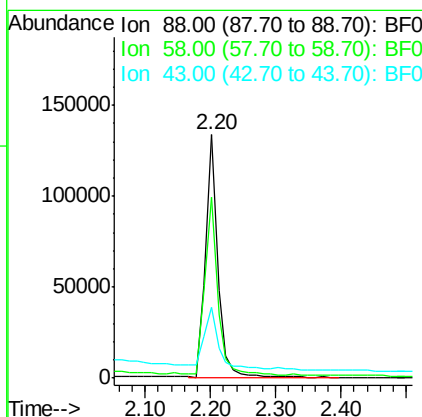
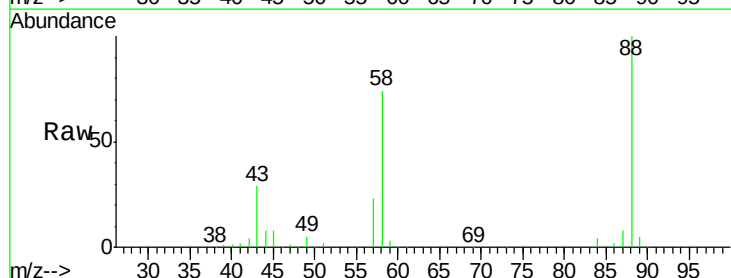
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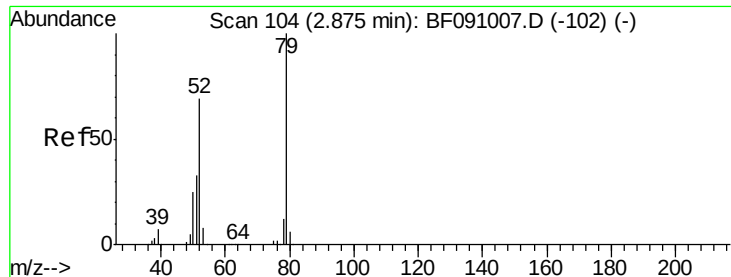


#2

1,4-Dioxane
Concen: 29.83 ng
RT: 2.20 min Scan# 45
Delta R.T. 0.06 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.7	63.8	95.6
43	28.5	22.6	33.8





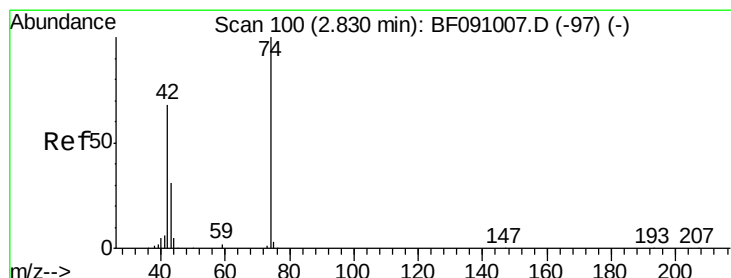
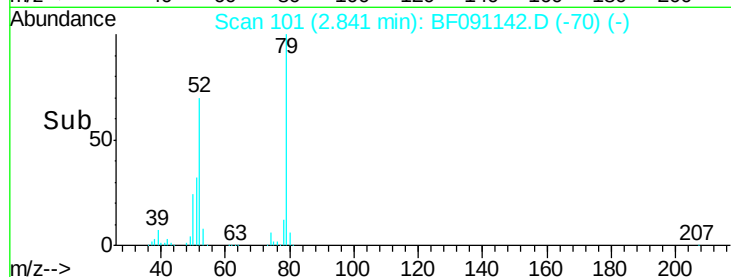
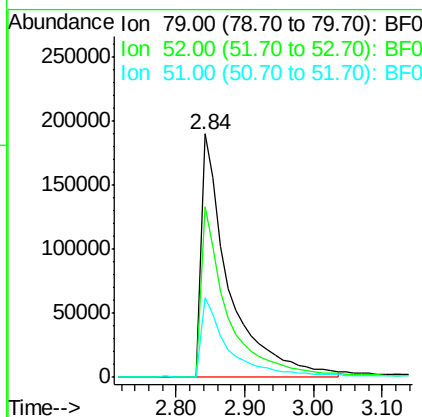
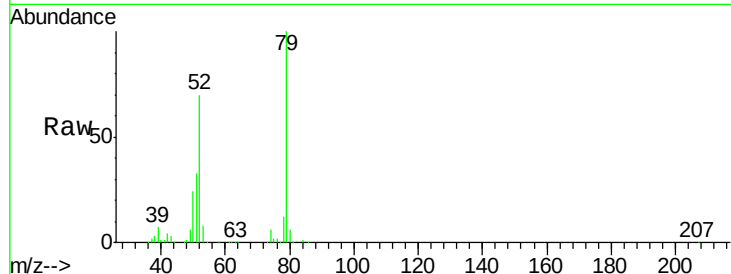
#3
 Pvridine
 Concen: 38.70 ng
 RT: 2.84 min Scan# 101
 Delta R.T. 0.06 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Instrument :
 BNA_F
 ClientSampled :
 PB94661BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.8	55.4	83.0
51	32.7	27.4	41.0

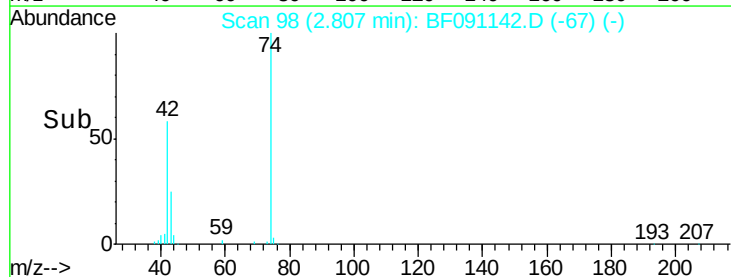
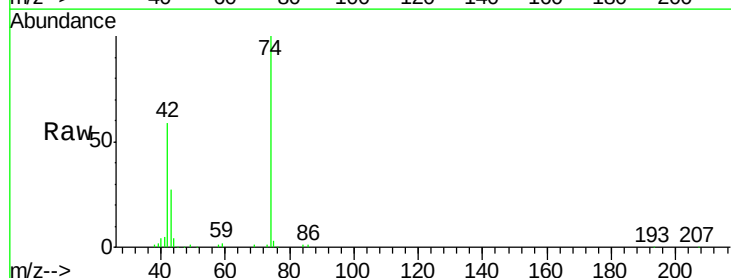
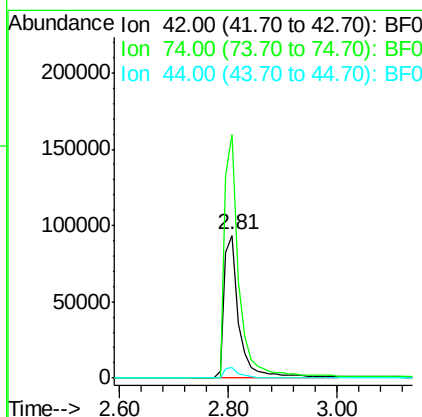
Manual Integrations
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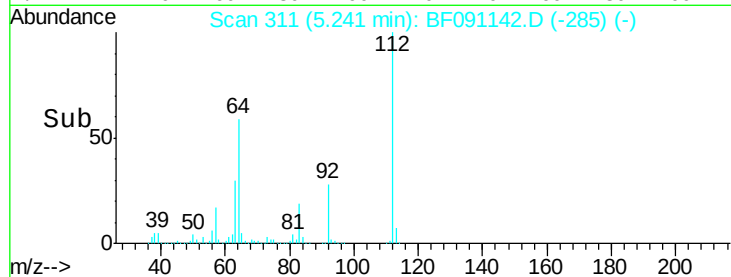
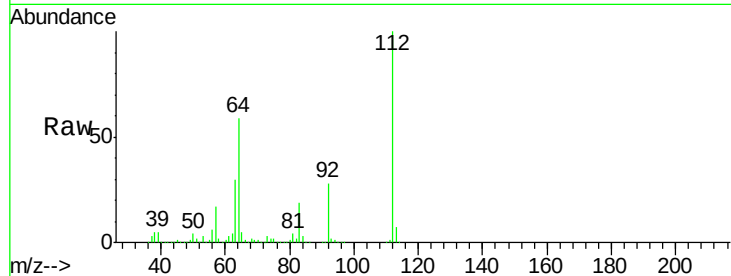
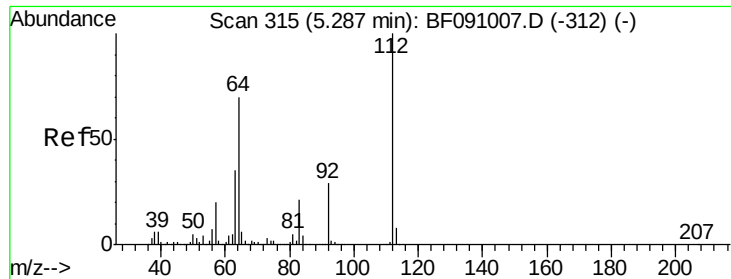
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#4
 n-Nitrosodimethylamine
 Concen: 34.02 ng
 RT: 2.81 min Scan# 98
 Delta R.T. 0.06 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	170.2	117.3	175.9
44	7.6	5.8	8.8





#5

2-Fluorophenol

Concen: 107.94 ng

RT: 5.24 min Scan# 311

Delta R.T. -0.00 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Tot Ion:	112	Resp:	1105529
Ion	Ratio	Lower	Upper
112	100		
64	59.3	55.8	83.6
63	30.0	28.0	42.0

Instrument :

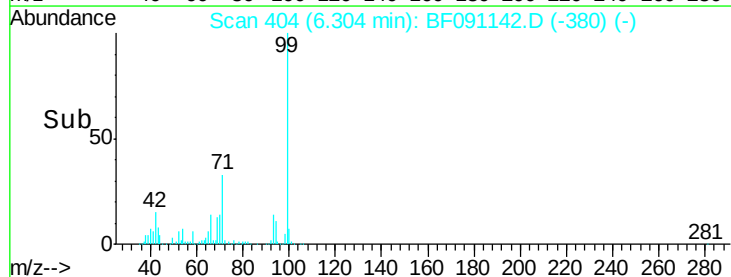
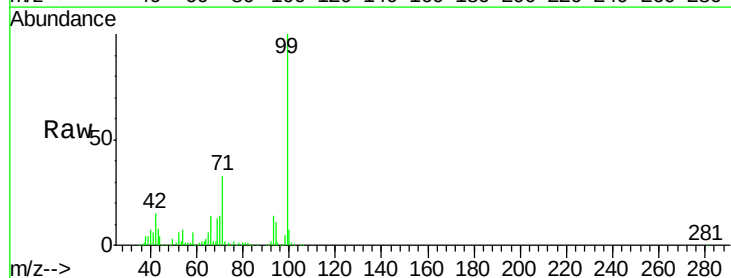
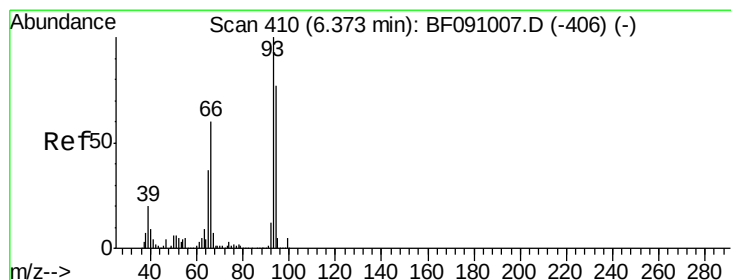
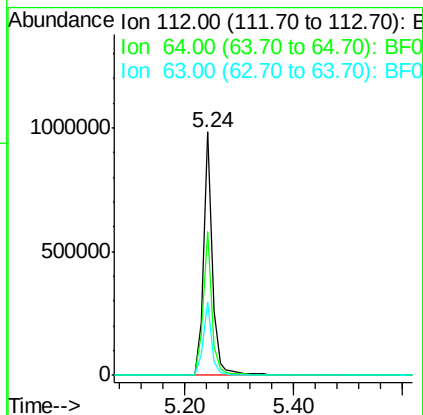
BNA_F

ClientSampleId :

PB94661BS

Manual Integrations
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#6

Aniline

Concen: 18.03 ng

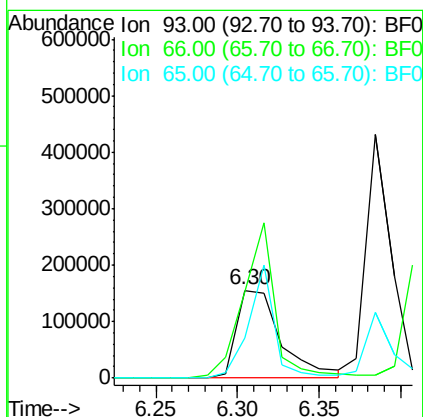
RT: 6.30 min Scan# 404

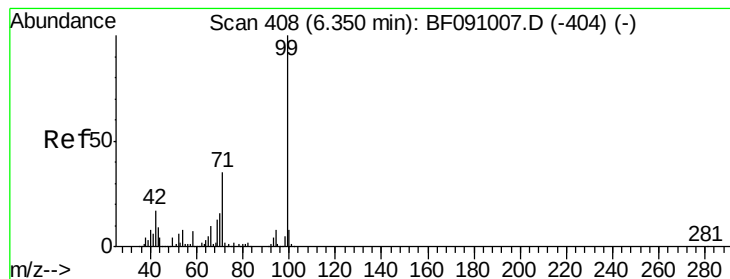
Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Tgt Ion:	93	Resp:	295654
Ion	Ratio	Lower	Upper
93	100		
66	97.6	48.2	72.2#
65	45.1	29.4	44.0#





#7

Phenol-d6

Concen: 101.05 ng

RT: 6.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

ClientSampled :

PB94661BS

Tot Ion: 99 Resp: 1404712

Ion Ratio Lower Upper

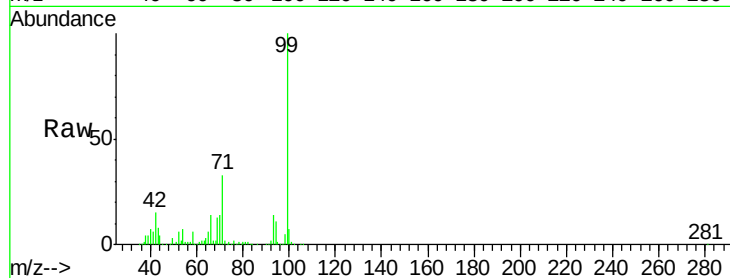
99 100

42 15.3 13.9 20.9

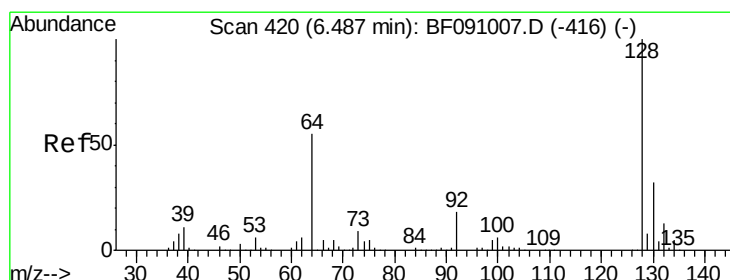
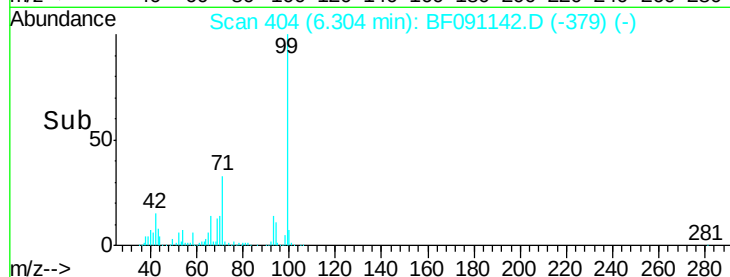
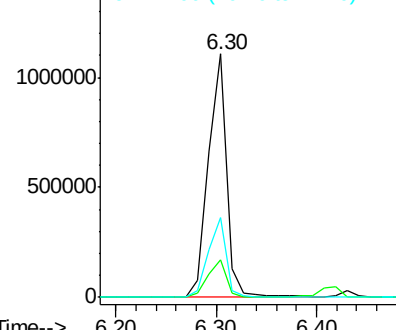
71 32.6 27.8 41.8

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.68 ng

RT: 6.43 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

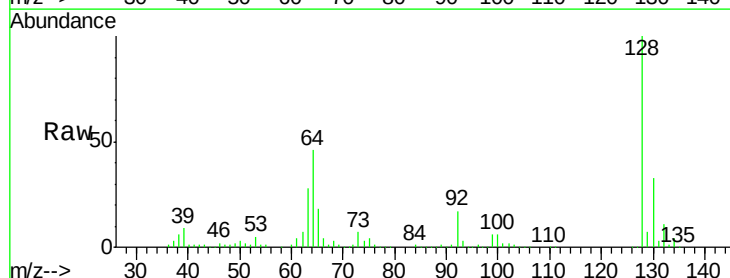
Tgt Ion: 128 Resp: 460285

Ion Ratio Lower Upper

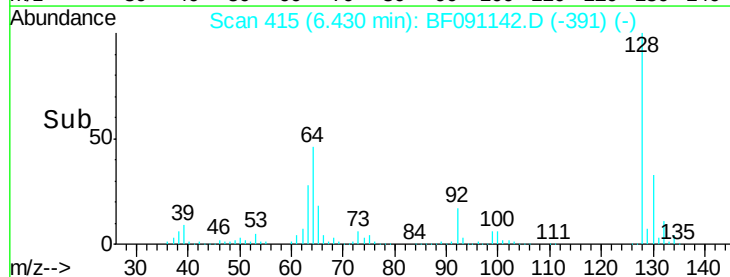
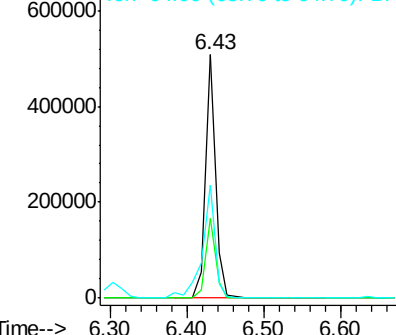
128 100

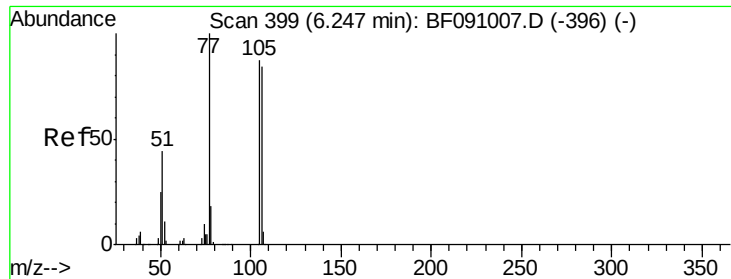
130 32.8 12.0 52.0

64 46.5 37.2 77.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.76 ng

RT: 6.19 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

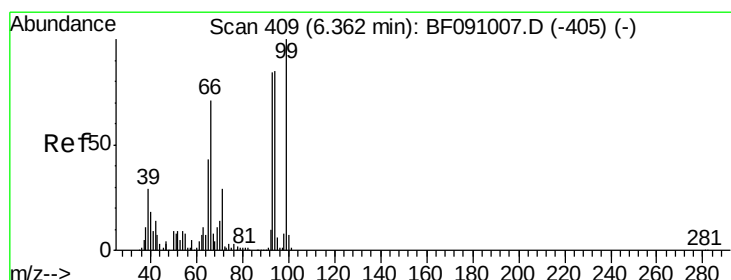
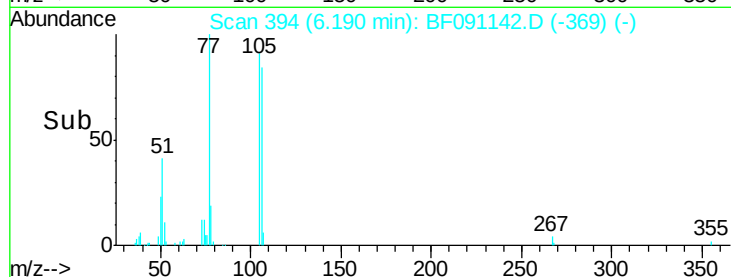
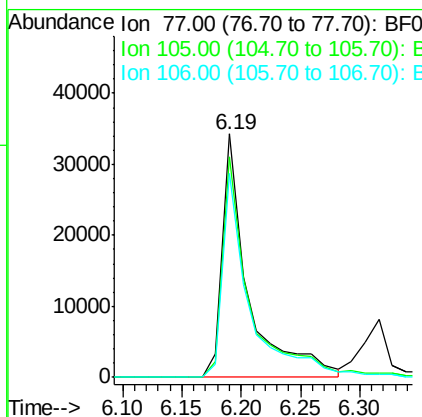
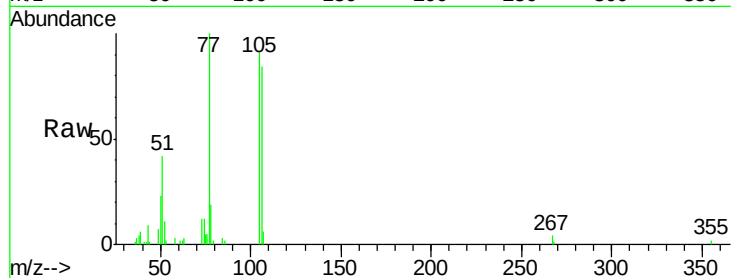
ClientSampleId :

PB94661BS

Tot Ion:	77	Resp:	52178
Ion Ratio	Lower	Upper	
77	100		
105	90.7	66.8	106.8
106	83.5	64.0	104.0

Manual Integrations
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#10

Phenol

Concen: 38.92 ng

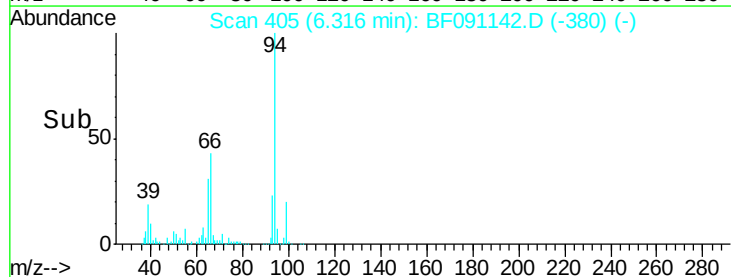
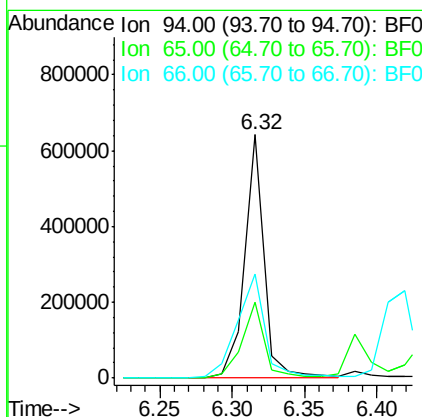
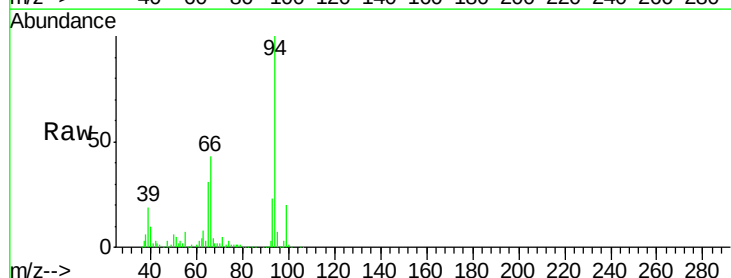
RT: 6.32 min Scan# 405

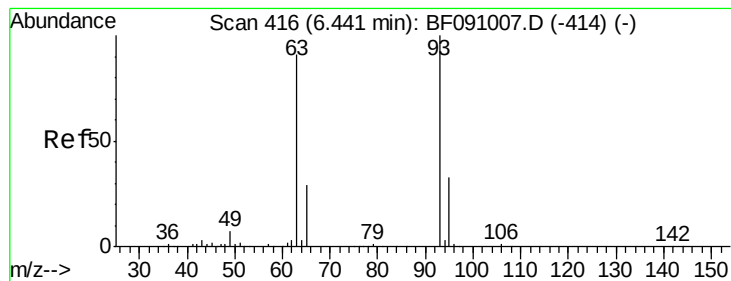
Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Tgt Ion:	94	Resp:	598739
Ion Ratio	Lower	Upper	
94	100		
65	31.0	30.4	70.4
66	42.7	62.9	102.9#





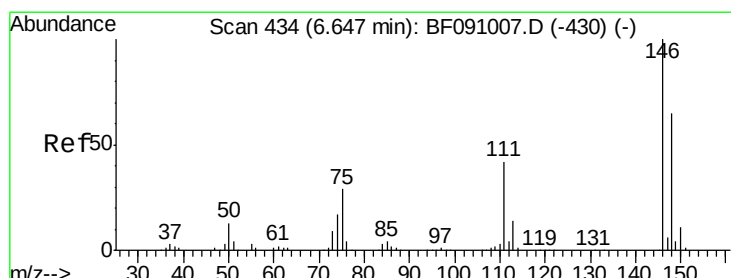
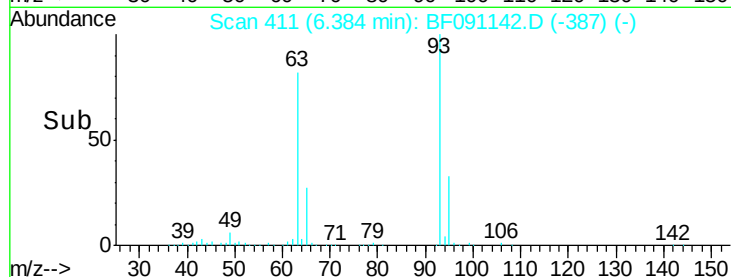
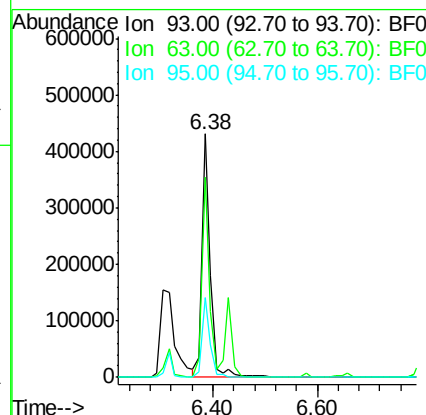
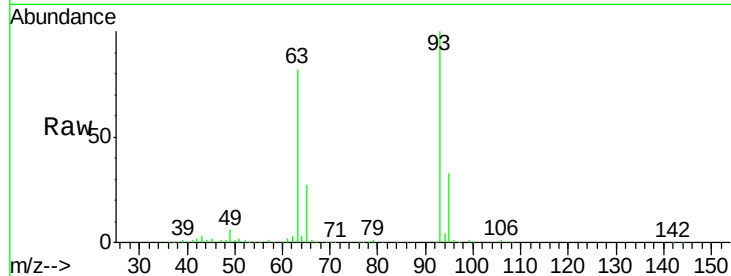
#11
bis(2-Chloroethyl)ether
Concen: 37.21 ng
RT: 6.38 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Instrument :
BNA_F
ClientSampleId :
PB94661BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.2	68.9	108.9
95	32.6	12.3	52.3

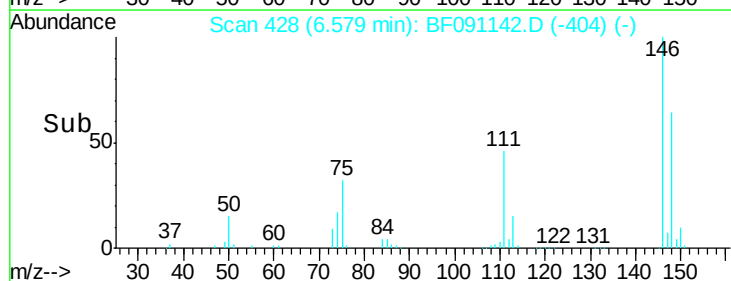
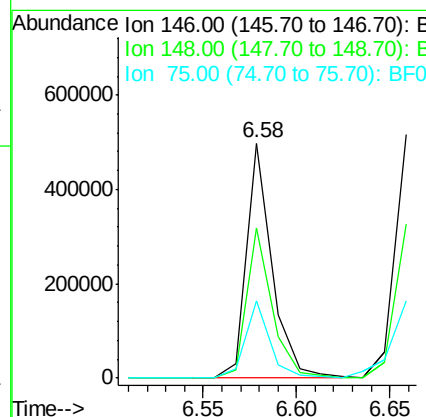
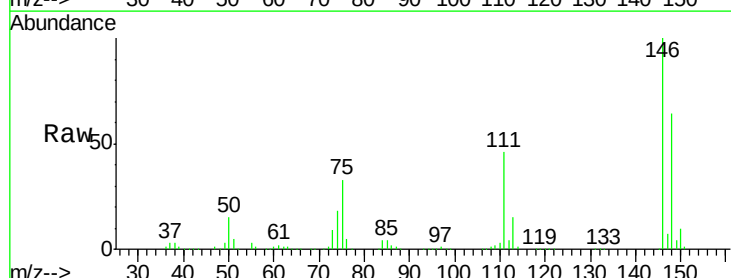
Manual Integrations
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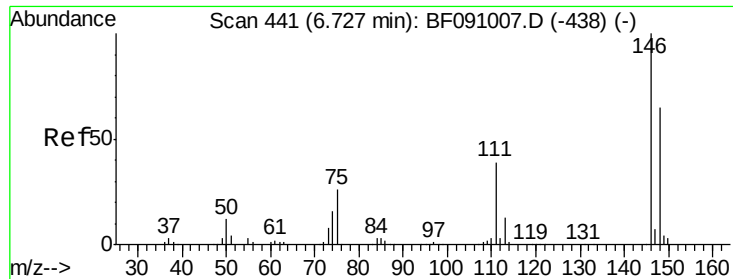
sohil
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#12
1,3-Dichlorobenzene
Concen: 38.48 ng
RT: 6.58 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.0	78.0
75	32.6	23.0	34.6





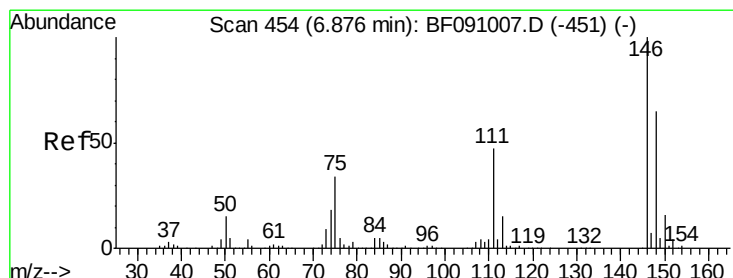
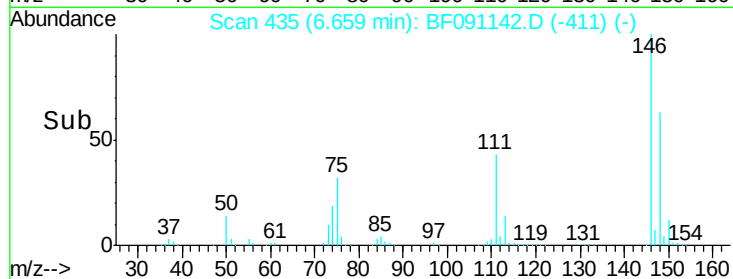
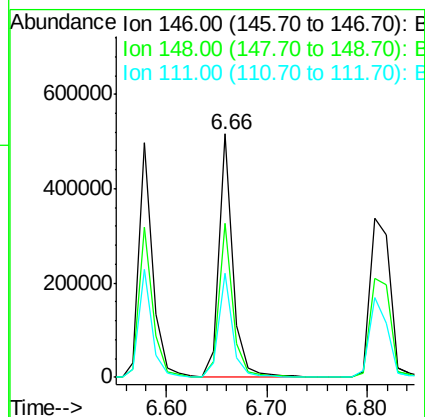
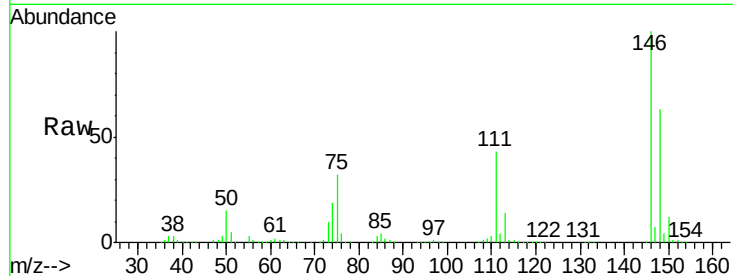
#13
 1,4-Dichlorobenzene
 Concen: 37.59 ng
 RT: 6.66 min Scan# 435
 Delta R.T. -0.02 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.1	78.1
111	43.0	31.6	47.4

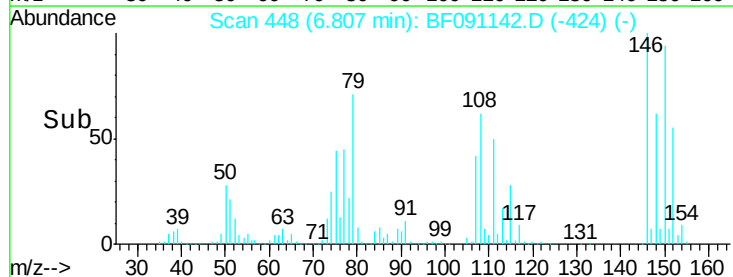
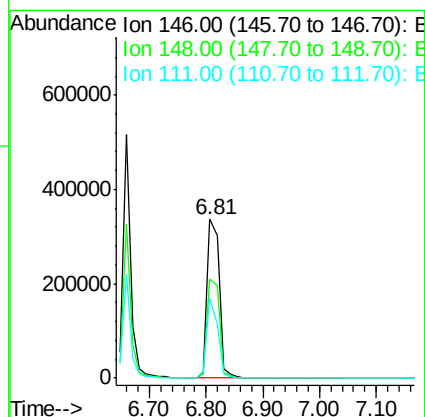
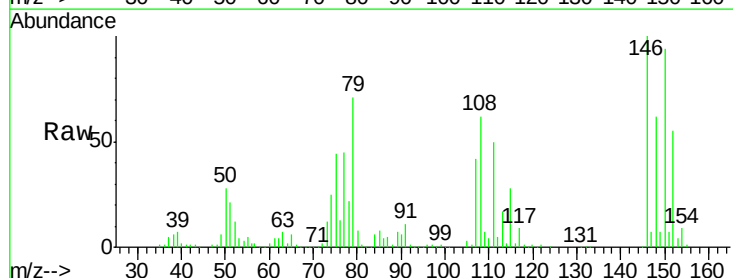
Manual Integrations
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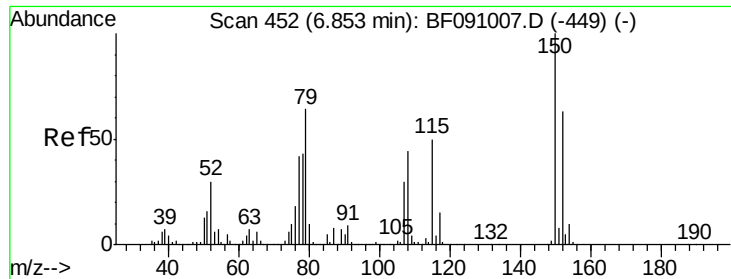
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#14
 1,2-Dichlorobenzene
 Concen: 39.07 ng
 RT: 6.81 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.6	77.4
111	50.0	37.3	55.9





#15

Benzyl Alcohol

Concen: 40.45 ng

RT: 6.81 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

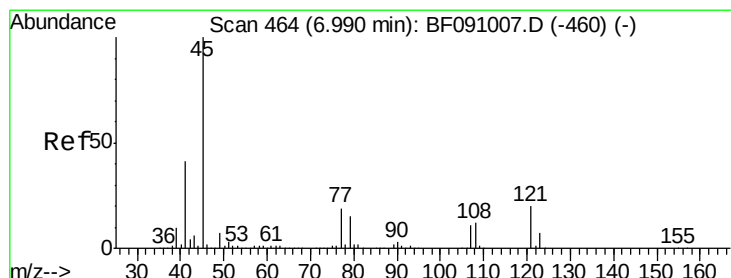
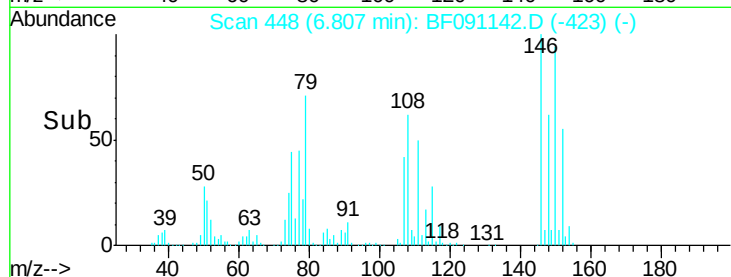
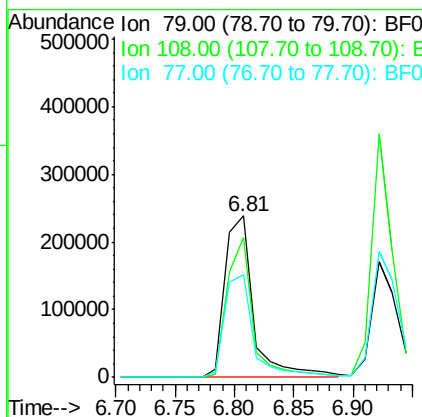
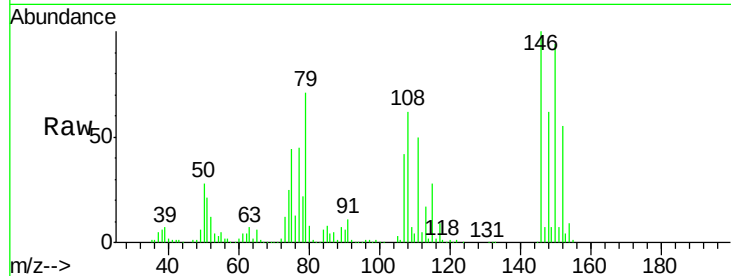
ClientSampled :

PB94661BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	86.7	55.7	83.5#
77	63.8	52.6	79.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.34 ng

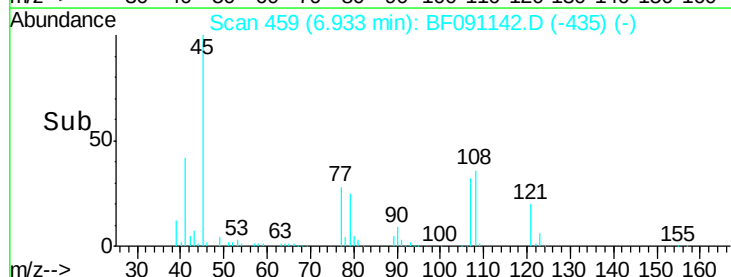
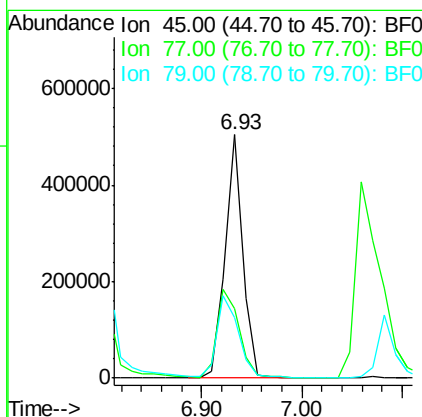
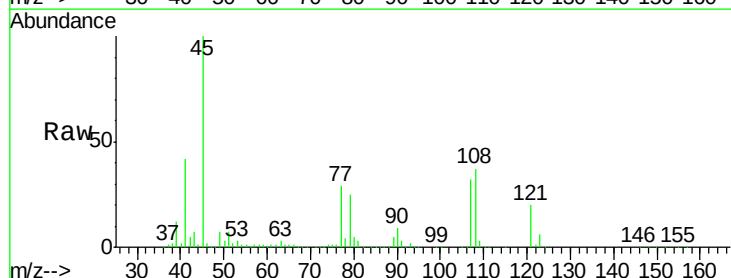
RT: 6.93 min Scan# 459

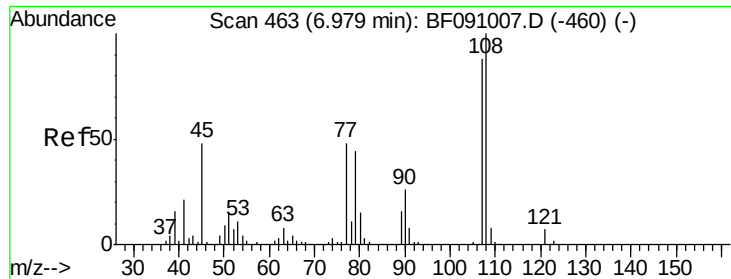
Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	28.7	0.0	39.6
79	25.0	0.0	35.9





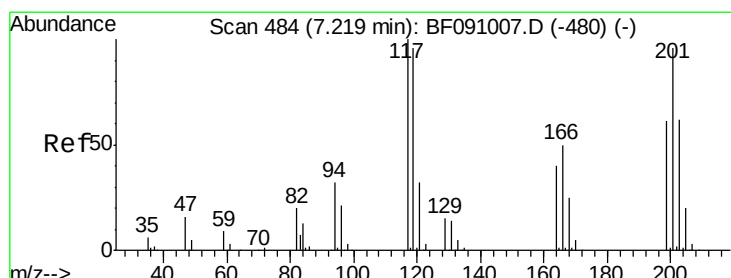
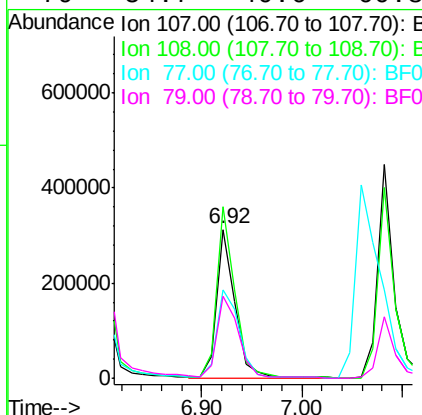
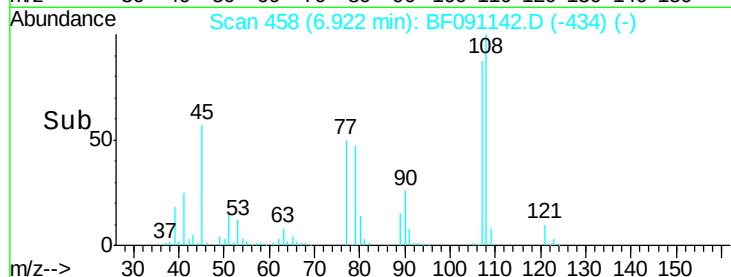
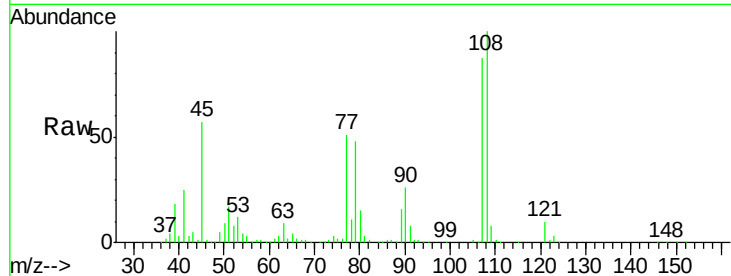
#17
2-Methylphenol
Concen: 40.50 ng
RT: 6.92 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Instrument :
BNA_F
ClientSampleId :
PB94661BS

Tot Ion:	107	Resp:	391685
Ion Ratio	Lower	Upper	
107	100		
108	114.7	91.0	136.6
77	59.0	43.8	65.8
79	54.7	40.6	60.8

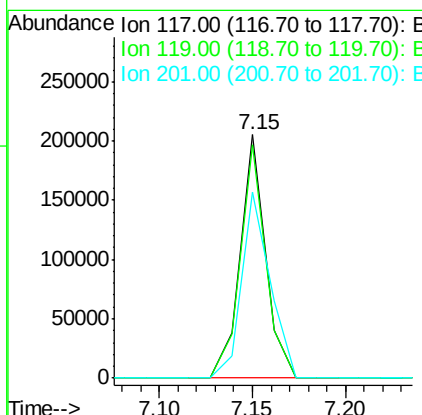
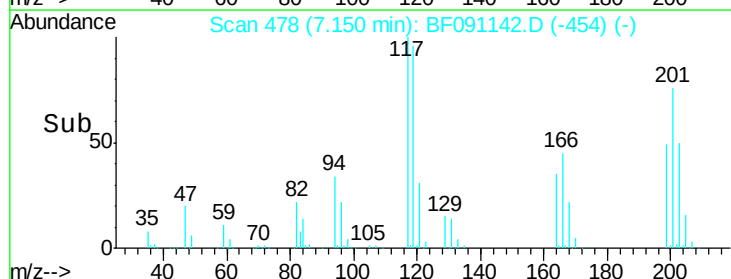
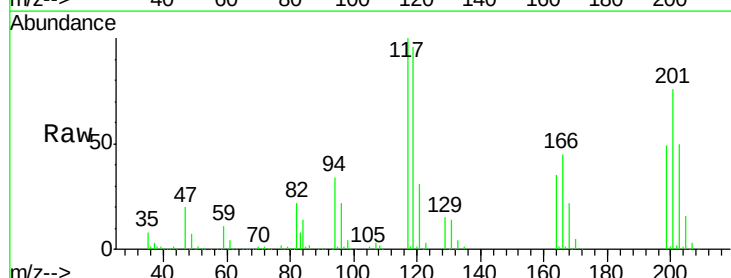
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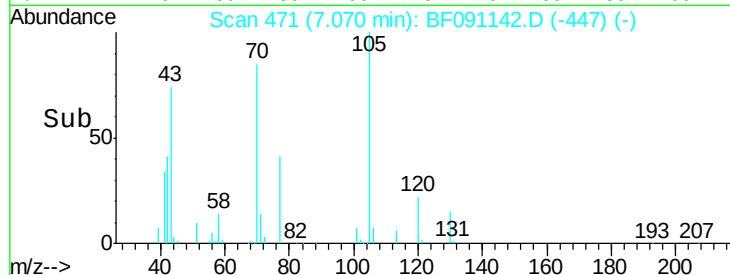
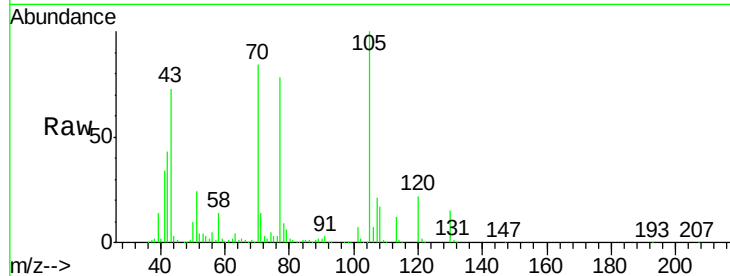
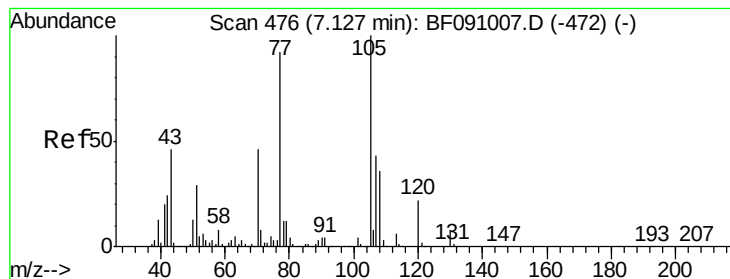
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#18
Hexachloroethane
Concen: 38.03 ng
RT: 7.15 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Tgt Ion:	117	Resp:	195133
Ion Ratio	Lower	Upper	
117	100		
119	95.9	76.6	115.0
201	76.3	77.1	115.7#





#19

n-Nitroso-di-n-propylamine

Concen: 38.18 ng

RT: 7.07 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

ClientSampleId :

PB94661BS

Tot Ion: 70 Resp: 367798

Ion Ratio Lower Upper

70 100

42 50.9 41.7 62.5

101 8.6 6.7 10.1

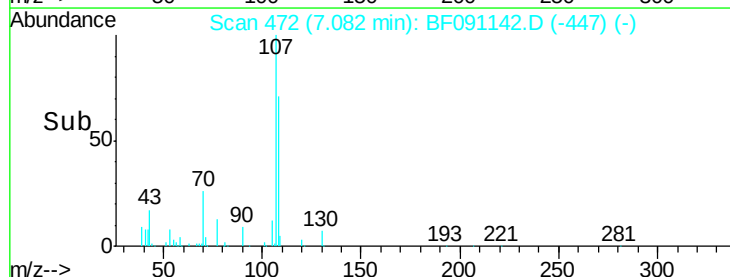
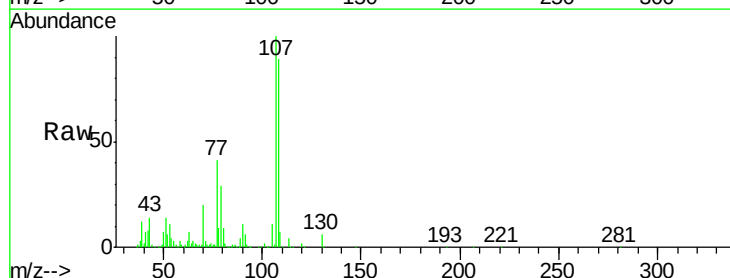
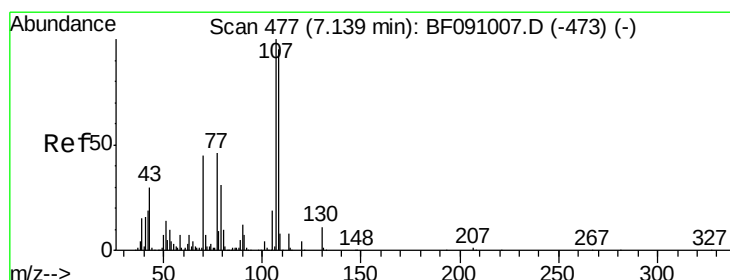
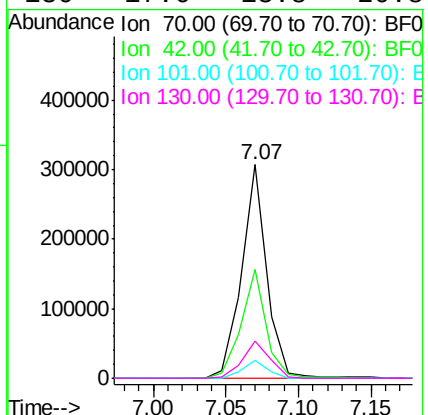
130 17.6 13.8 20.8

Manual Integrations

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#20

3+4-Methylphenols

Concen: 44.72 ng

RT: 7.08 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Tgt Ion: 107 Resp: 519326

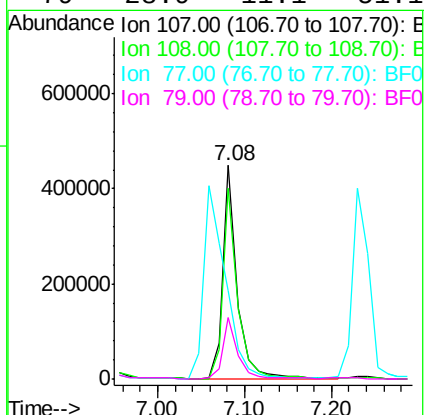
Ion Ratio Lower Upper

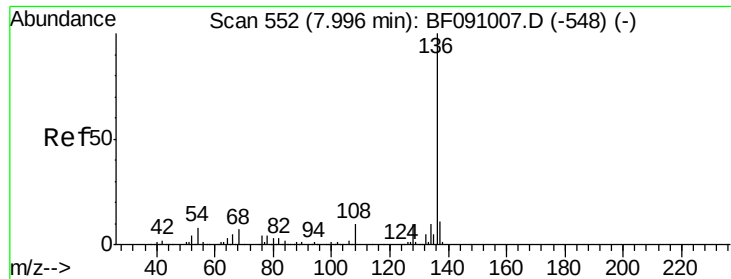
107 100

108 89.4 75.5 115.5

77 41.3 26.4 66.4

79 28.9 11.1 51.1





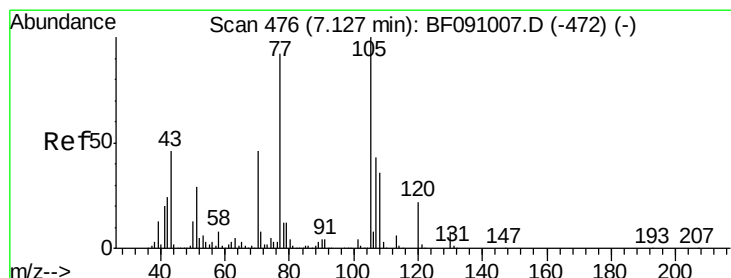
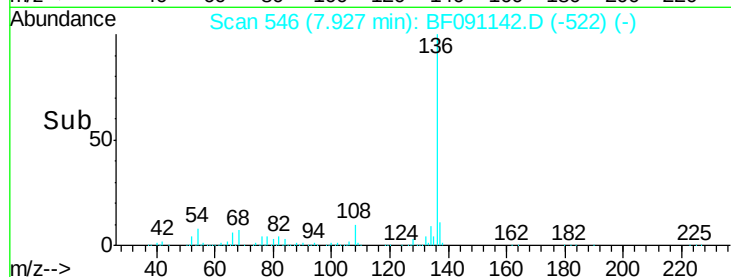
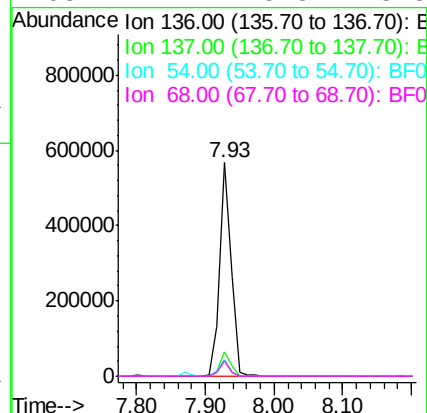
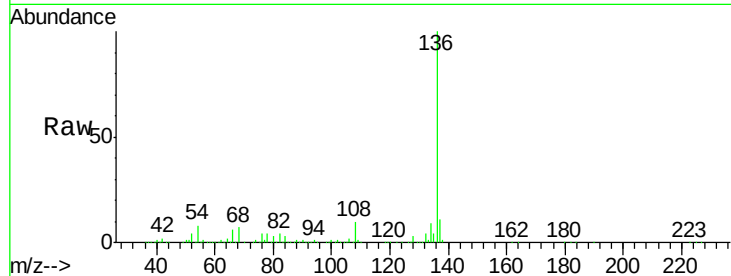
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Instrument :
BNA_F
ClientSampleId :
PB94661BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	680942		
137	11.3	8.9	13.3	
54	8.1	6.2	9.2	
68	7.4	5.5	8.3	

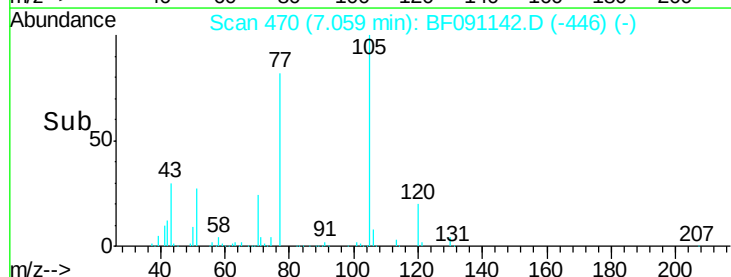
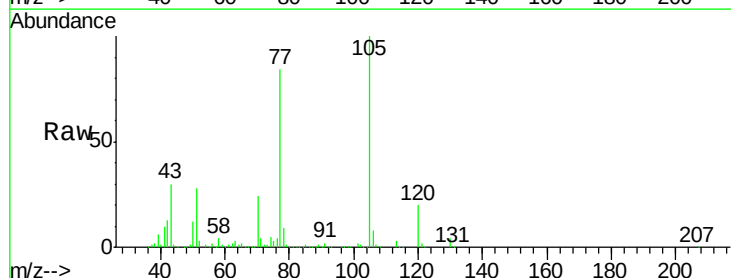
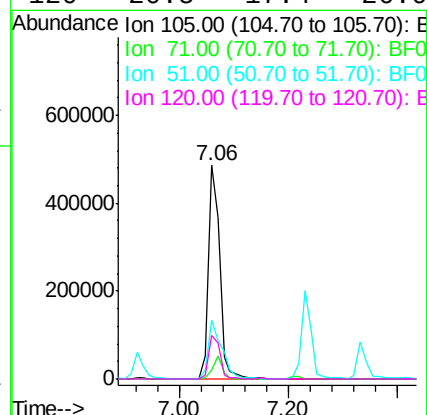
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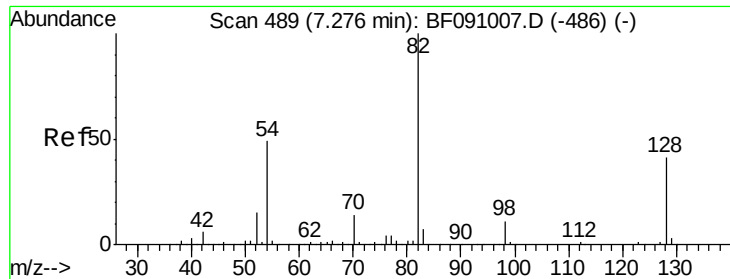
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#22
Acetophenone
Concen: 44.08 ng
RT: 7.06 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	691080		
71	4.0	6.2	9.2#	
51	27.7	23.3	34.9	
120	20.5	17.4	26.0	





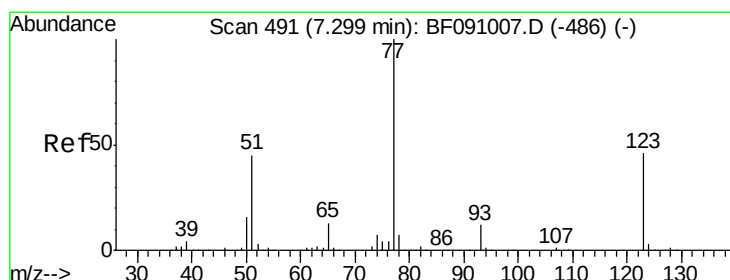
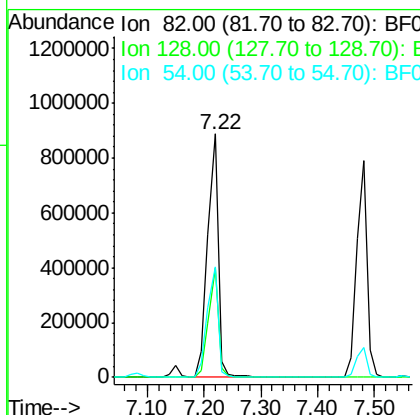
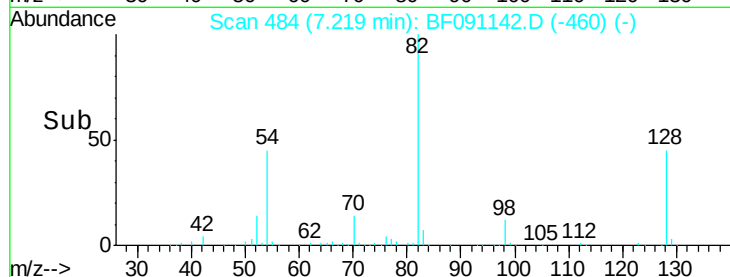
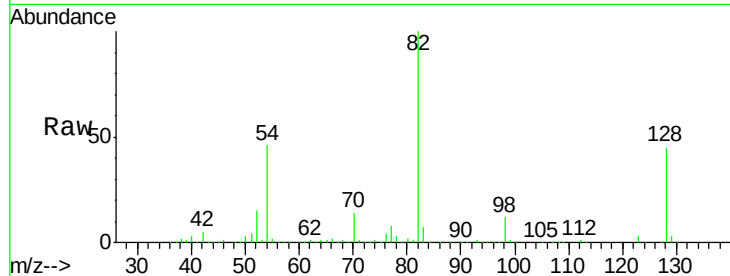
#23
 Nitrobenzene-d5
 Concen: 88.22 ng
 RT: 7.22 min Scan# 484
 Delta R.T. -0.02 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BS

Tot Ion: 82 Resp: 1101222
 Ion Ratio Lower Upper
 82 100
 128 44.8 32.4 48.6
 54 45.6 39.2 58.8

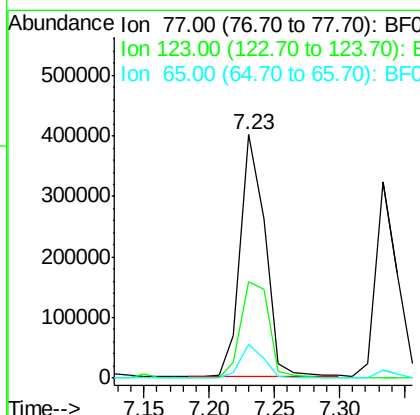
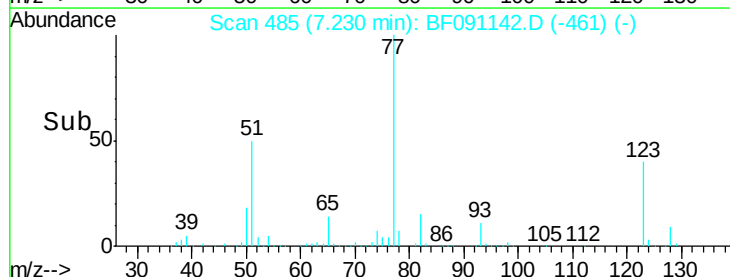
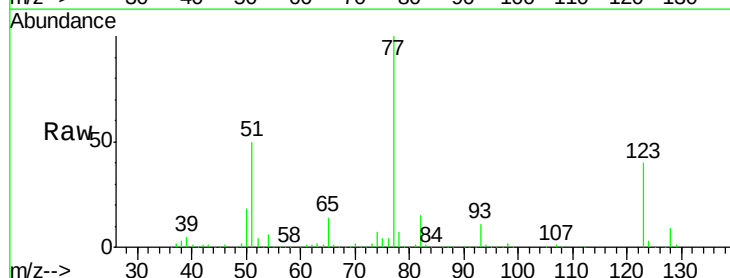
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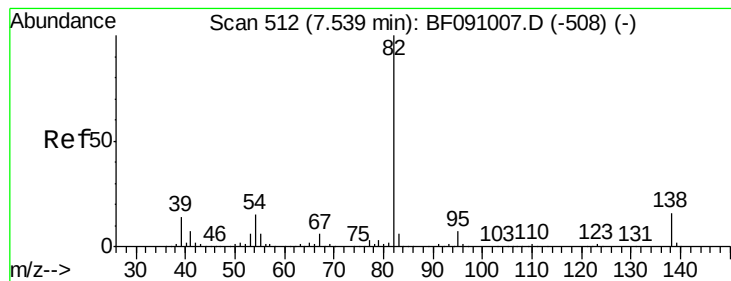
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#24
 Nitrobenzene
 Concen: 38.32 ng
 RT: 7.23 min Scan# 485
 Delta R.T. -0.02 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Tgt Ion: 77 Resp: 528243
 Ion Ratio Lower Upper
 77 100
 123 39.7 36.5 54.7
 65 13.8 10.7 16.1





#25

Isophorone

Concen: 42.19 ng

RT: 7.48 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

ClientSampled :

PB94661BS

Tot Ion: 82 Resp: 1014913

Ion Ratio Lower Upper

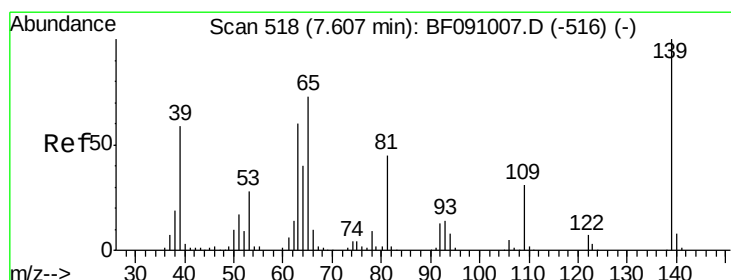
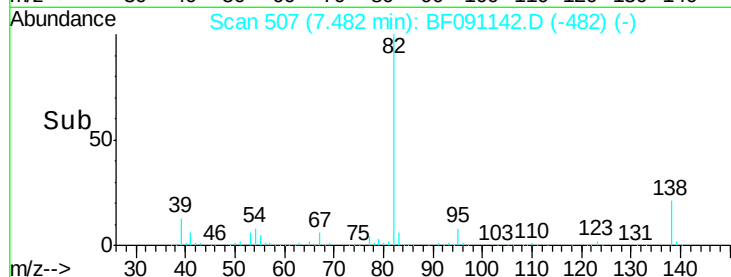
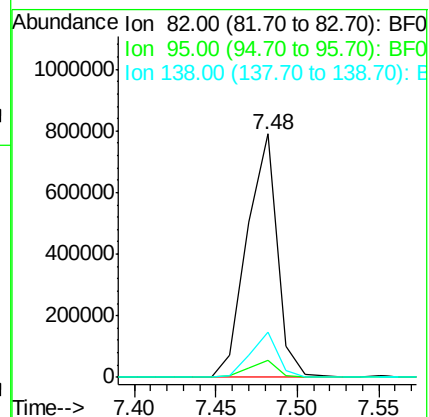
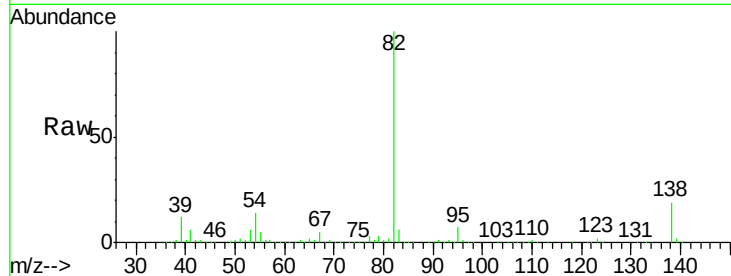
82 100

95 6.8 5.4 8.0

138 18.5 13.0 19.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.18 ng

RT: 7.55 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

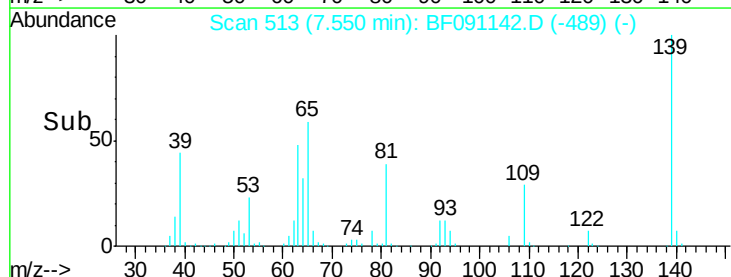
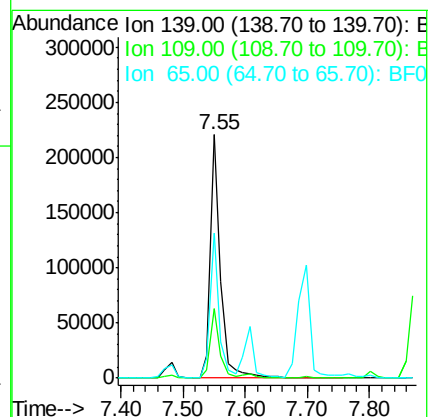
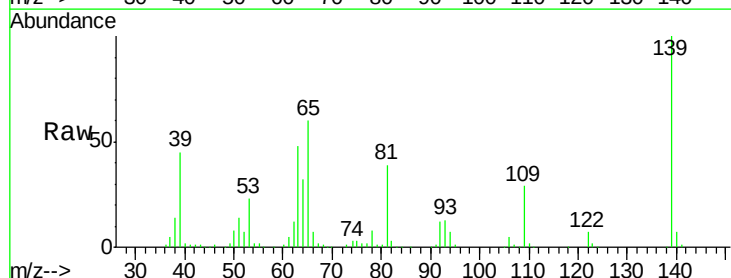
Tgt Ion: 139 Resp: 251896

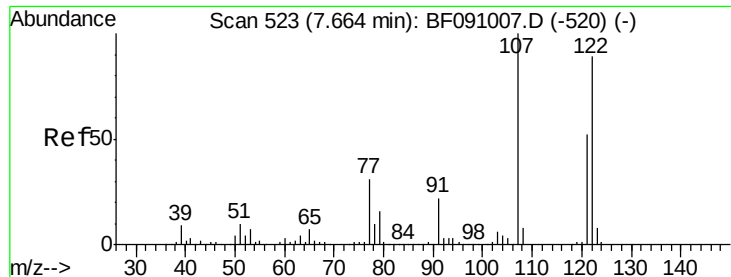
Ion Ratio Lower Upper

139 100

109 28.6 24.7 37.1

65 59.8 58.3 87.5





#27

2,4-Dimethylphenol

Concen: 46.04 ng

RT: 7.61 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

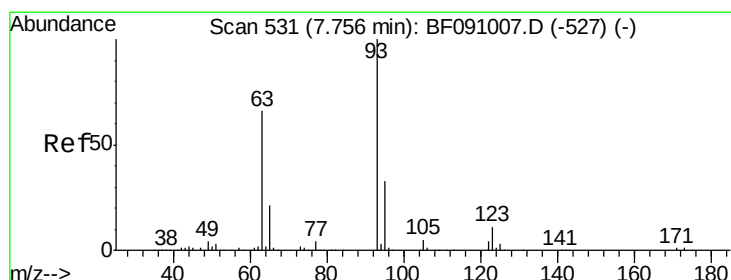
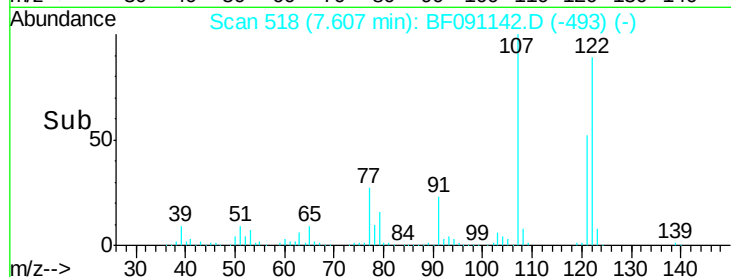
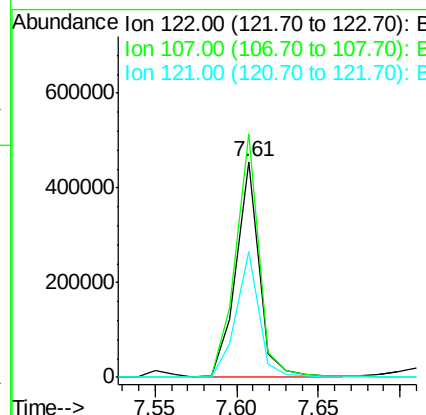
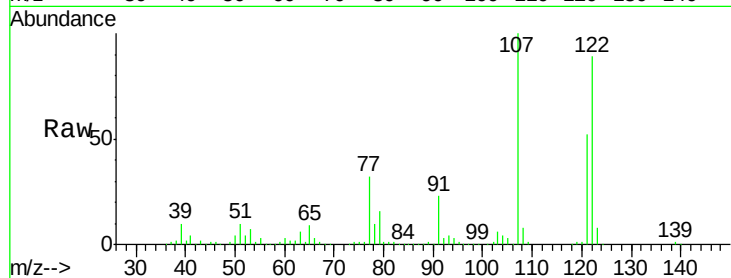
ClientSampleId :

PB94661BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	444193		
107	112.9	89.6	134.4	
121	58.6	46.3	69.5	

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 47.54 ng

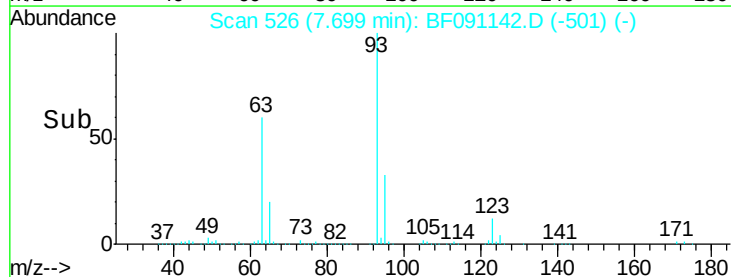
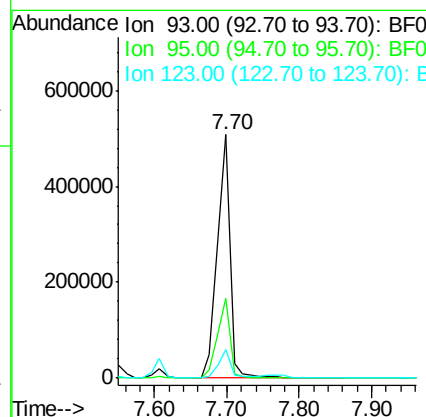
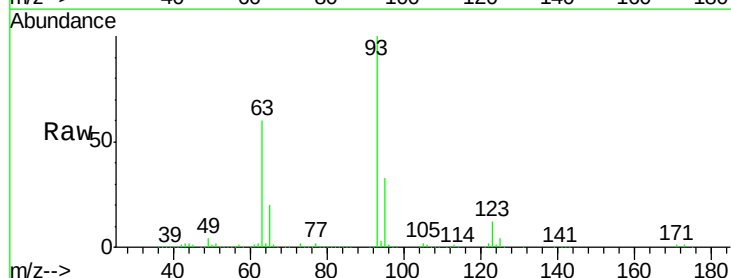
RT: 7.70 min Scan# 526

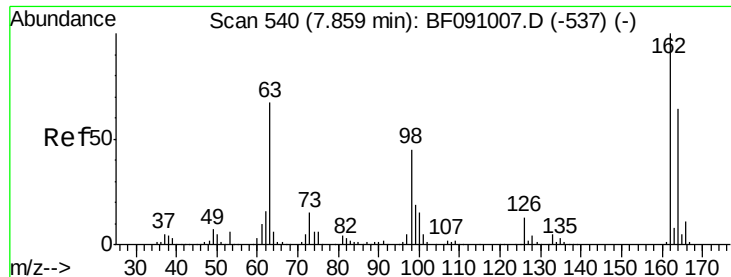
Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	624704		
95	32.9	26.3	39.5	
123	11.7	8.7	13.1	





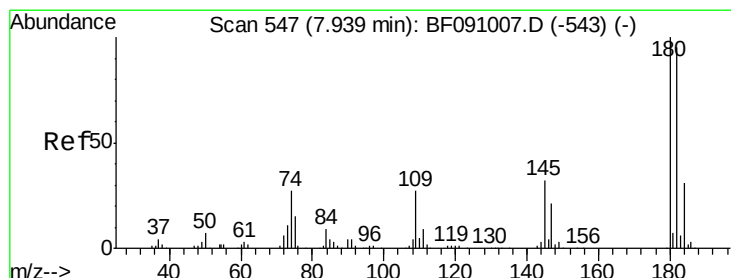
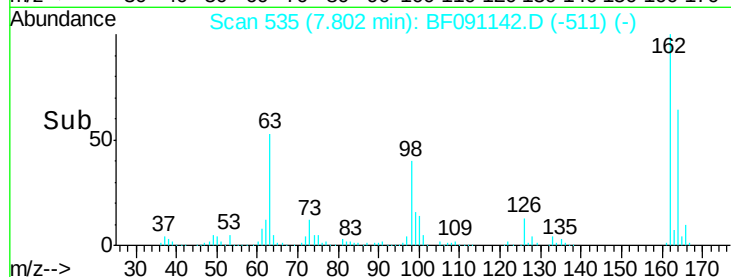
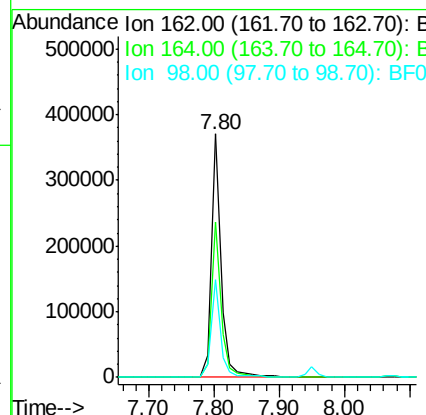
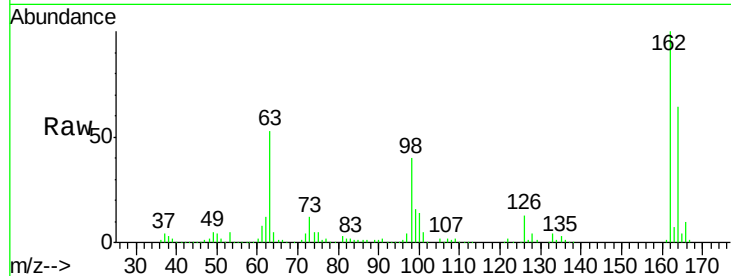
#29
2,4-Dichlorophenol
Concen: 45.14 ng
RT: 7.80 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Instrument :
BNA_F
ClientSampleId :
PB94661BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		380100		
164	63.6	44.4	84.4		
98	40.1	25.2	65.2		

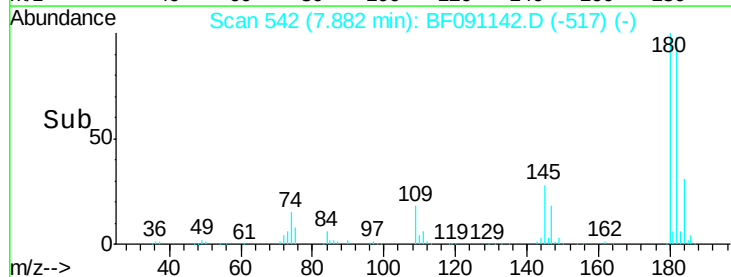
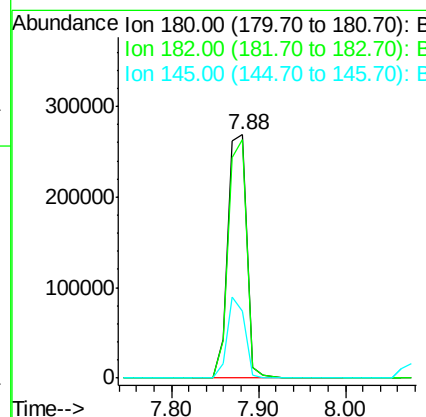
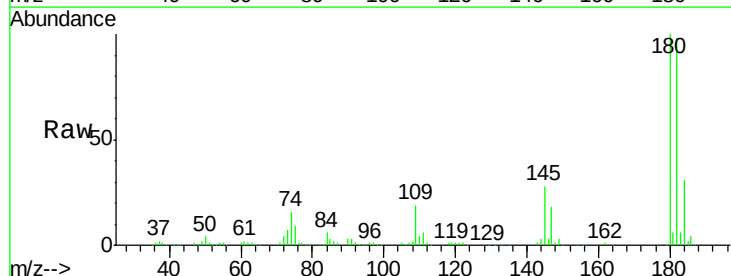
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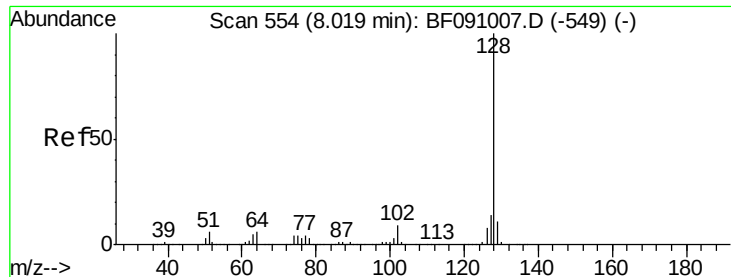
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#30
1,2,4-Trichlorobenzene
Concen: 42.98 ng
RT: 7.88 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		406962		
182	97.8	76.0	114.0		
145	27.8	25.8	38.8		





#31

Naphthalene

Concen: 39.02 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

ClientSampled :

PB94661BS

Tot Ion:128 Resp: 1270706

Ion Ratio Lower Upper

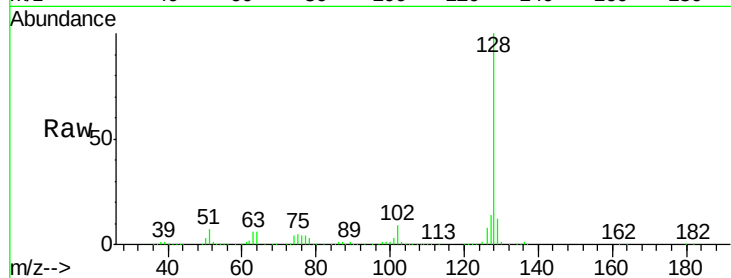
128 100

129 11.7 9.0 13.6

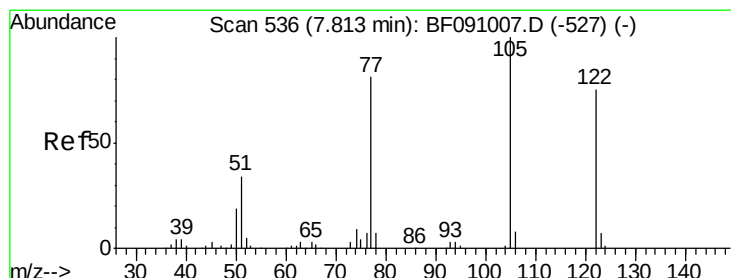
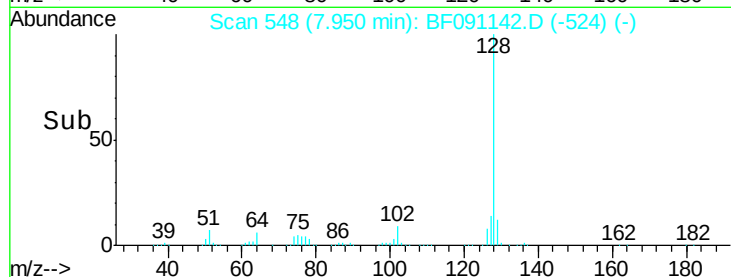
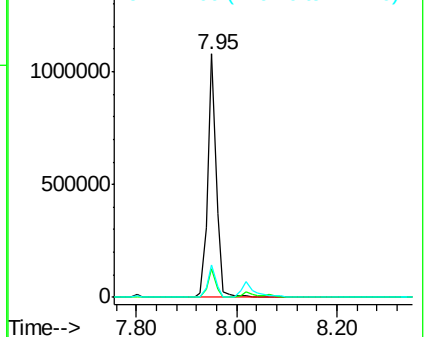
127 13.5 10.9 16.3

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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: 35.91 ng

RT: 7.77 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

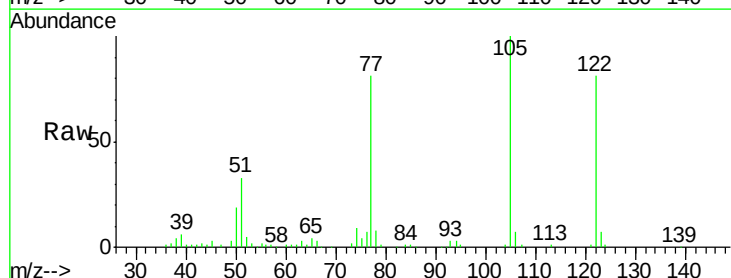
Tgt Ion:122 Resp: 259589

Ion Ratio Lower Upper

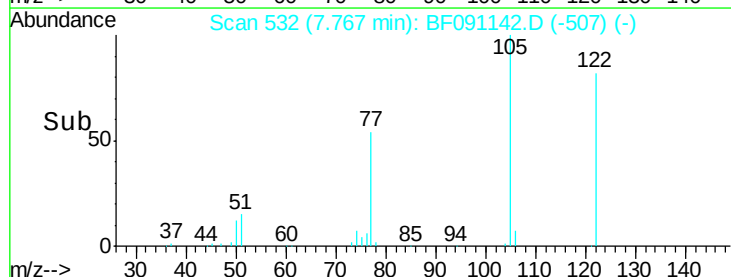
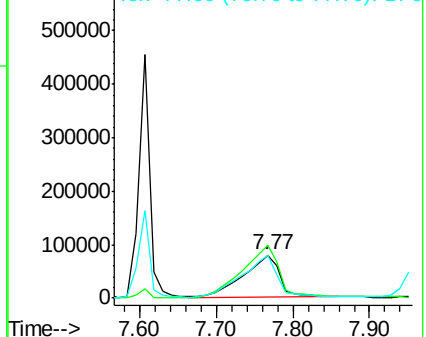
122 100

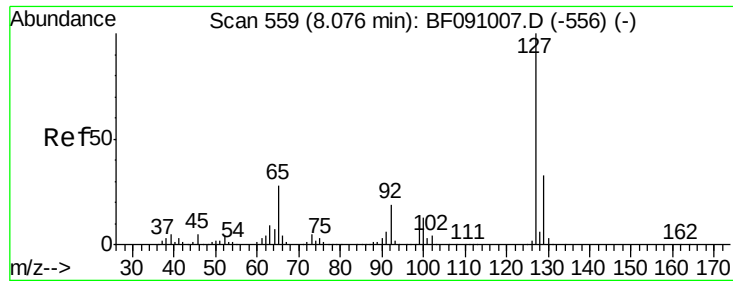
105 123.1 105.9 145.9

77 99.4 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





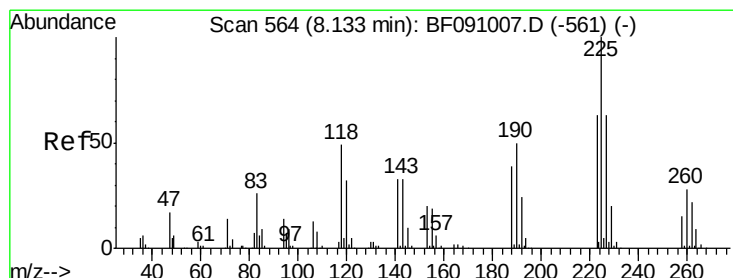
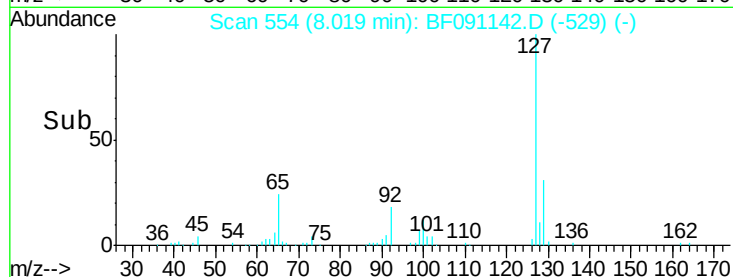
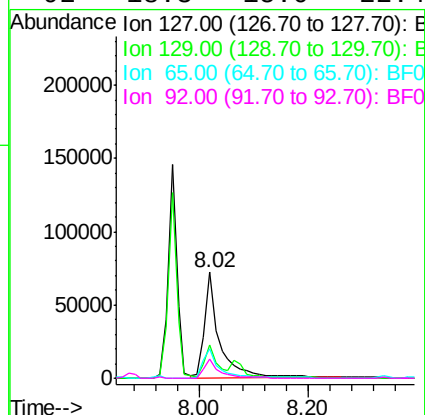
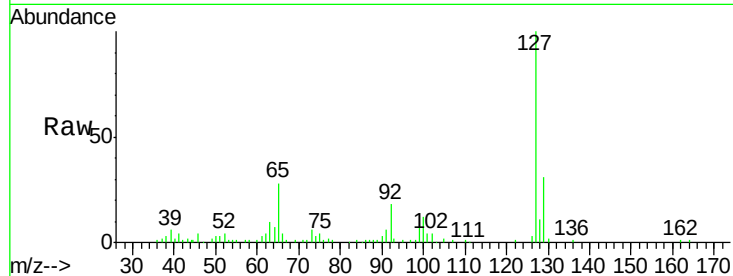
#33
4-Chloroaniline
Concen: 10.05 ng
RT: 8.02 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Instrument :
BNA_F
ClientSampled :
PB94661BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4		26.6	39.8	
65	28.0		22.2	33.2	
92	18.3		15.0	22.4	

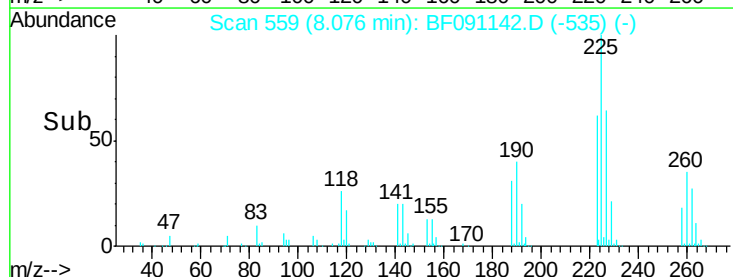
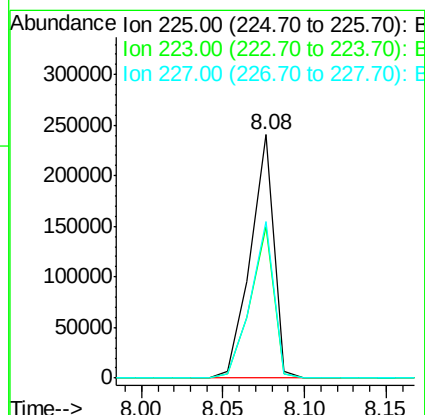
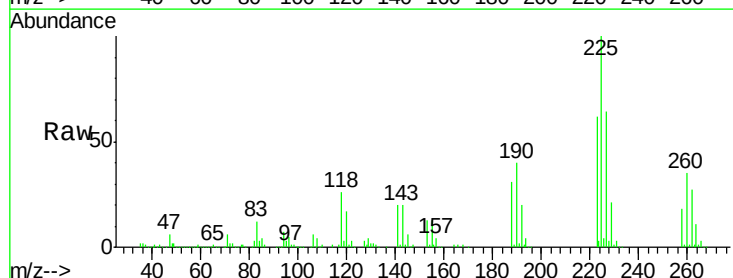
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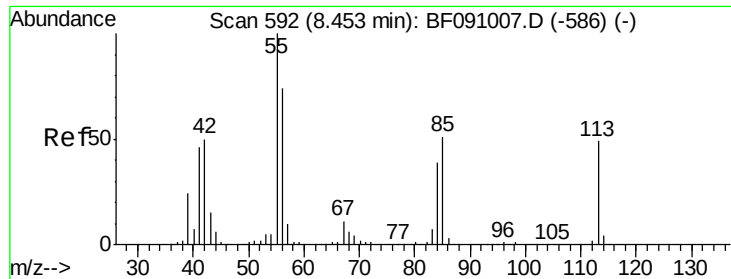
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#34
Hexachlorobutadiene
Concen: 46.92 ng
RT: 8.08 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0		50.4	75.6	
227	64.3		50.1	75.1	





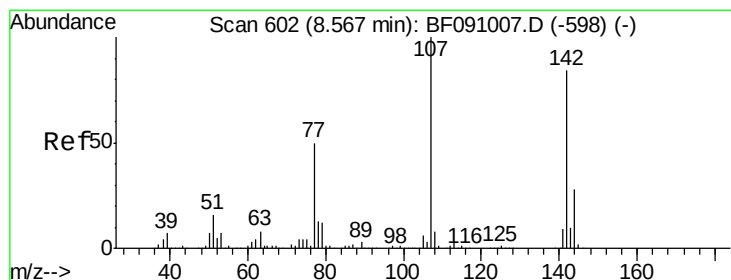
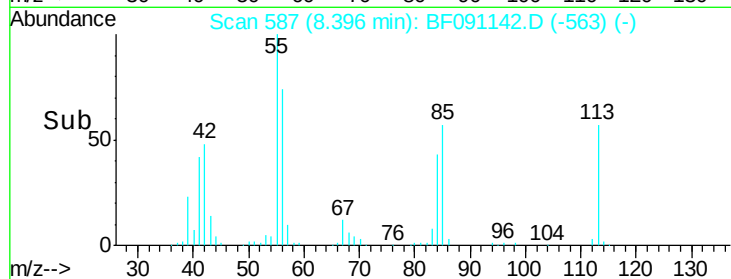
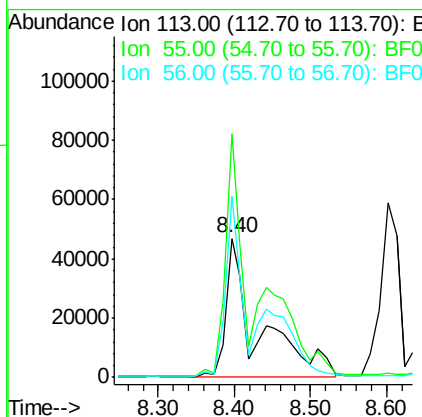
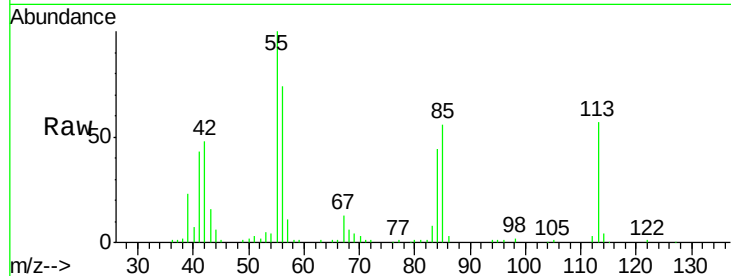
#35
 Caprolactam
 Concen: 51.90 ng/ml
 RT: 8.40 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Instrument :
 BNA_F
 ClientSampleID :
 PB94661BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	175.6	184.1	224.1#
56	130.4	132.0	172.0#

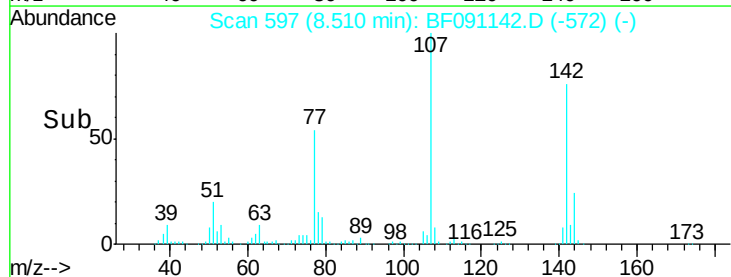
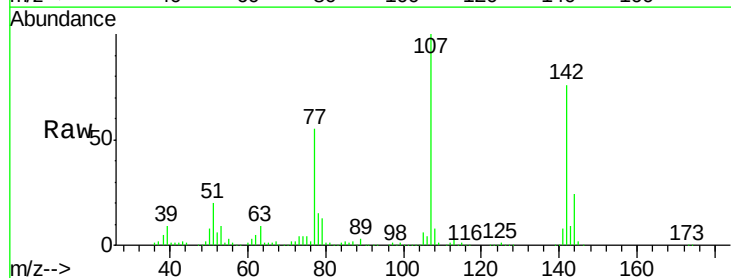
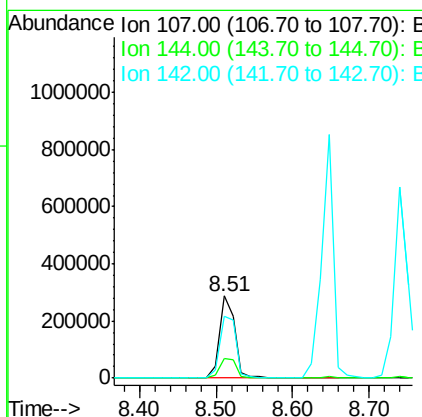
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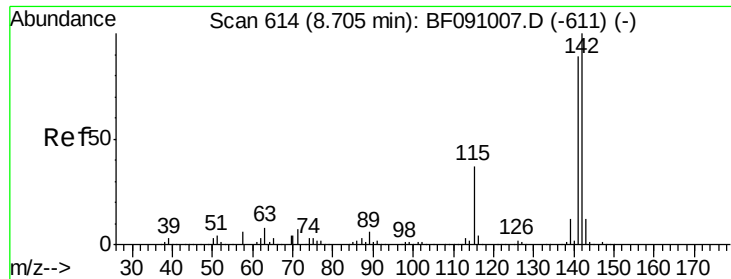
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#36
 4-Chloro-3-methylphenol
 Concen: 39.66 ng/ml
 RT: 8.51 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.0	22.5	33.7
142	75.5	67.4	101.2





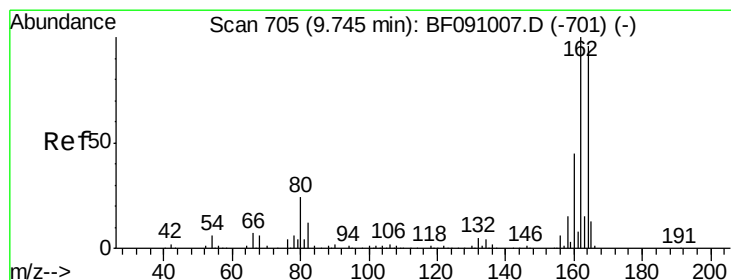
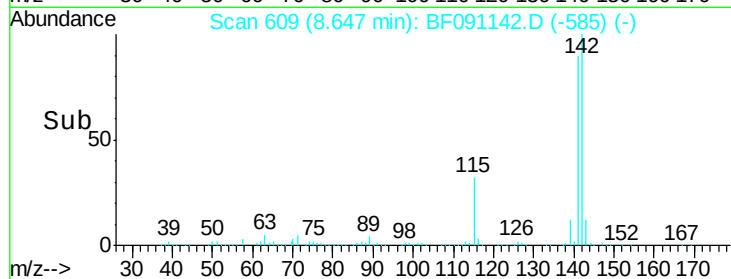
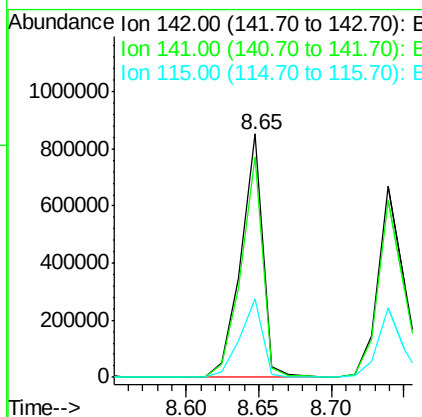
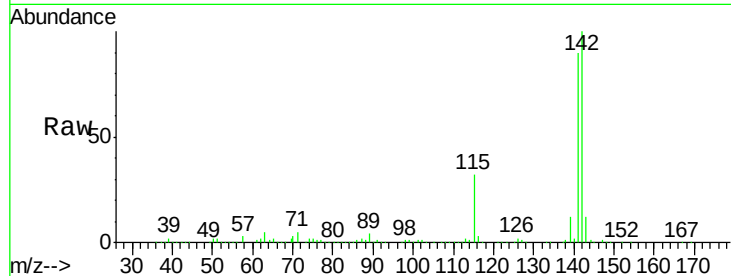
#37
2-Methylnaphthalene
Concen: 42.68 ng
RT: 8.65 min Scan# 609
Delta R.T. -0.02 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Instrument :
BNA_F
ClientSampleId :
PB94661BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.3	106.9
115	32.2	29.9	44.9

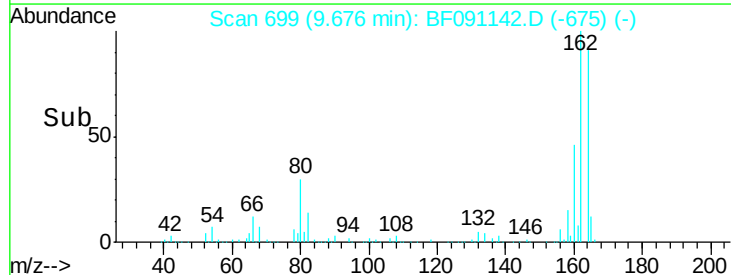
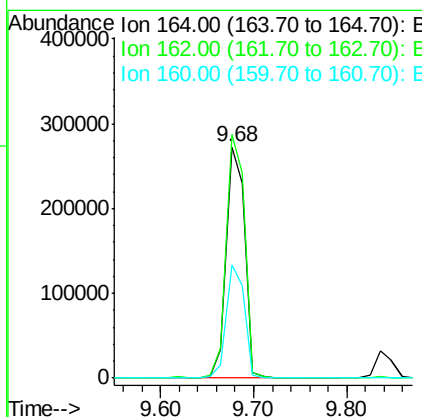
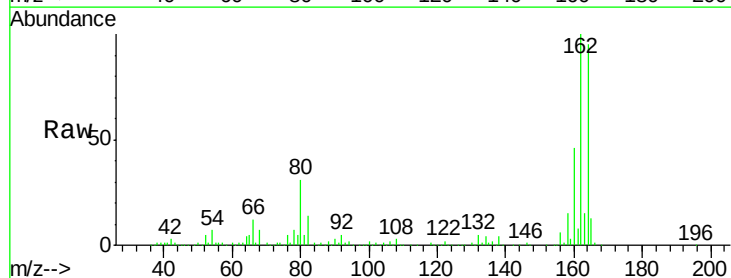
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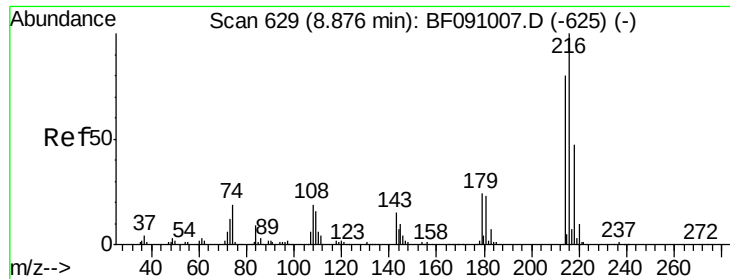
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.6	125.4
160	48.6	37.9	56.9





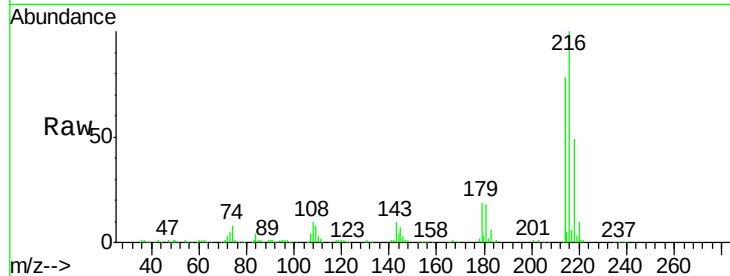
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.86 ng
 RT: 8.82 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BS

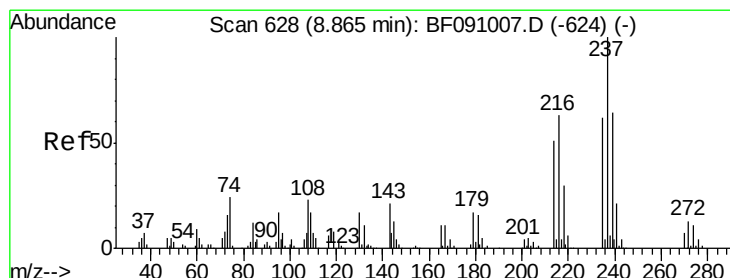
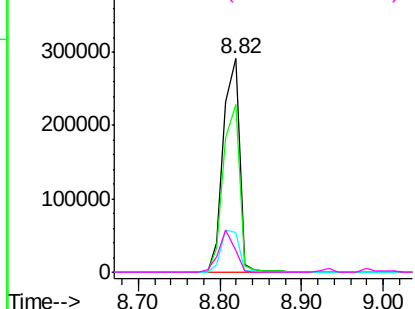
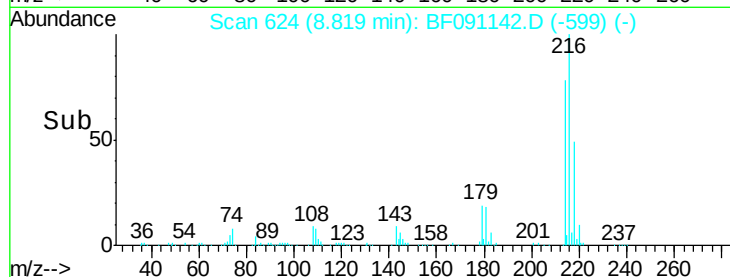
Tot Ion	Ion	Ratio	Resp	Lower	Upper
402764	216	100			
	216	100			
	214	78.4	63.5	95.3	
	179	21.5	19.1	28.7	
	108	20.6	17.5	26.3	

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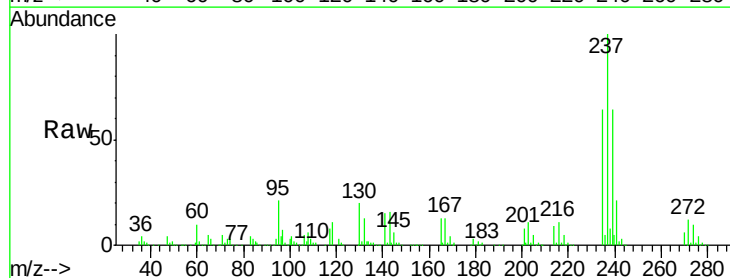


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

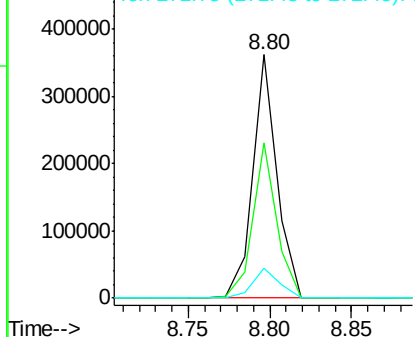
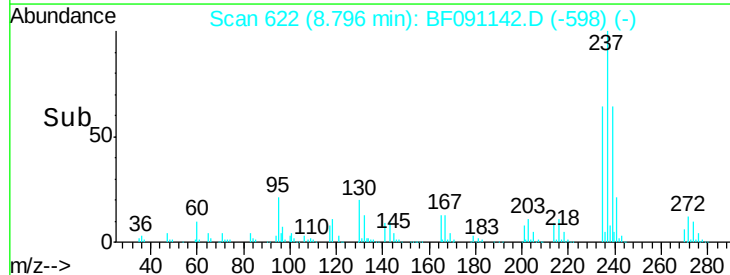


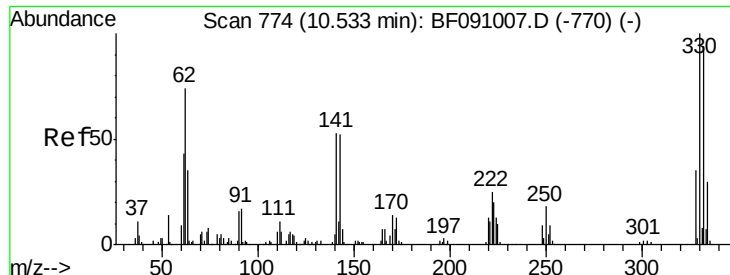
#40
 Hexachlorocyclopentadiene
 Concen: 97.91 ng
 RT: 8.80 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
371683	237	100			
	237	100			
	235	63.7	42.1	82.1	
	272	12.4	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





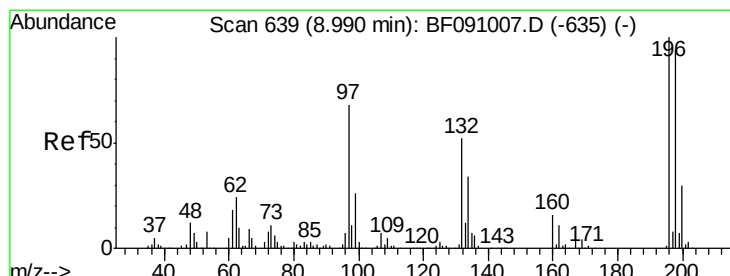
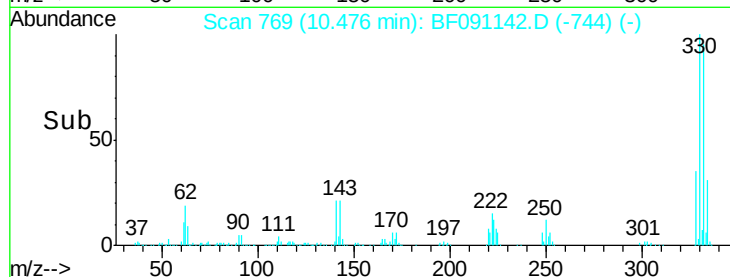
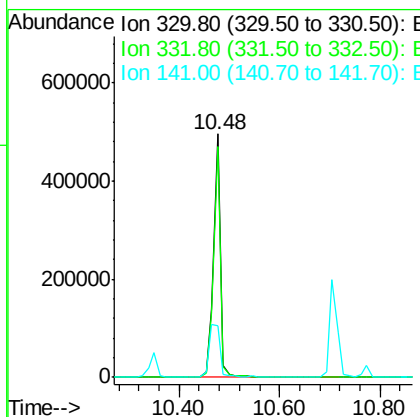
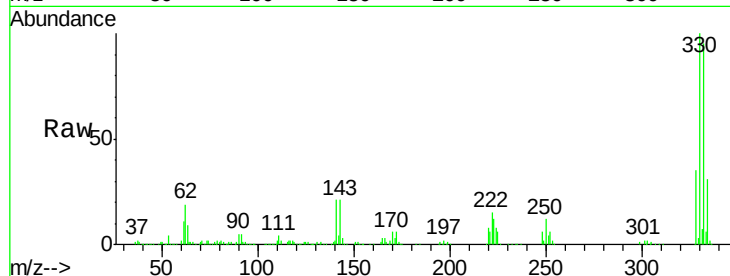
#41
 2,4,6-Tribromophenol
 Concen: 140.70 ng
 RT: 10.48 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	480064		
332	94.6	75.9	113.9	
141	33.8	36.1	54.1#	

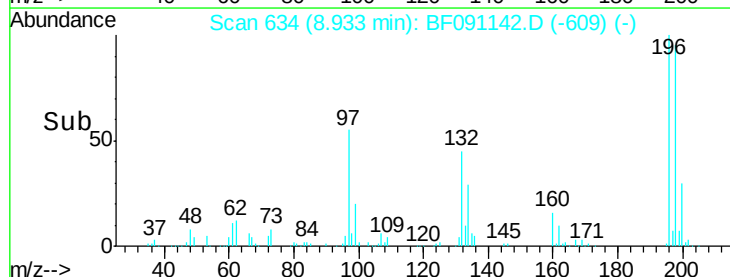
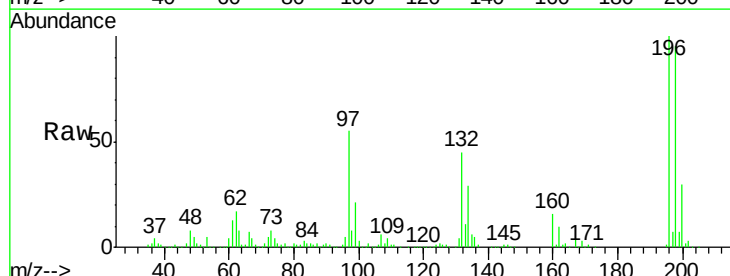
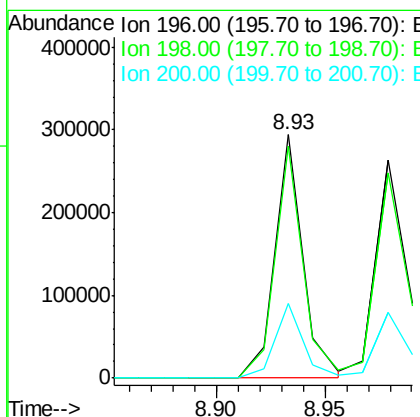
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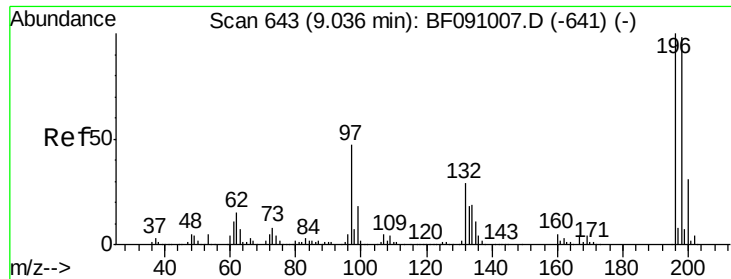
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#42
 2,4,6-Trichlorophenol
 Concen: 43.09 ng
 RT: 8.93 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	267658		
198	95.4	75.4	113.0	
200	30.5	24.1	36.1	





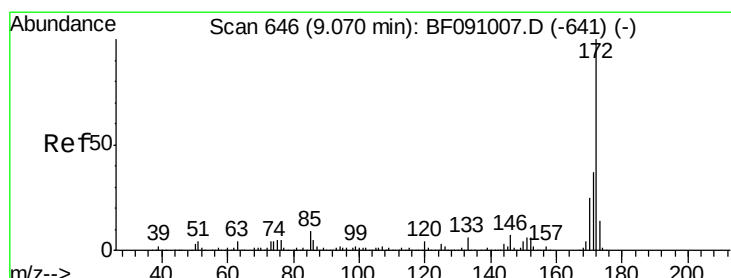
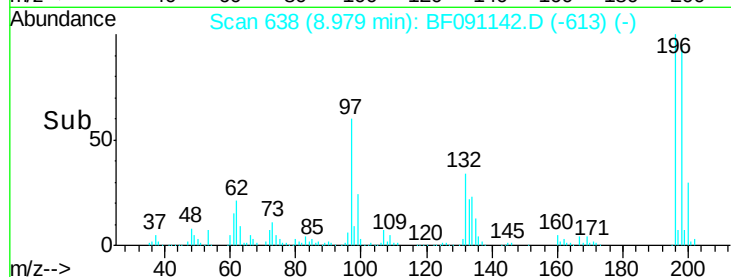
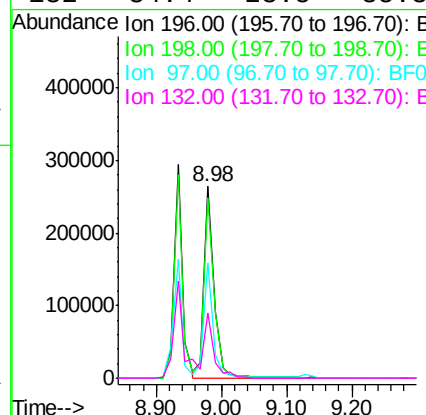
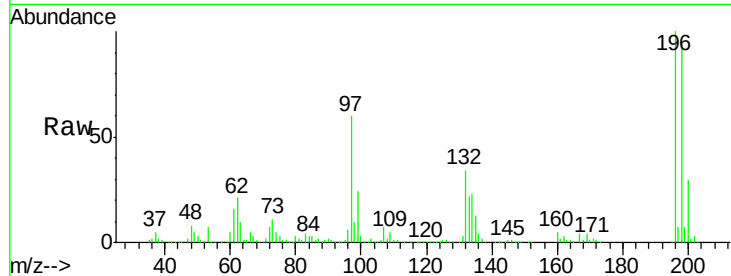
#43
 2,4,5-Trichlorophenol
 Concen: 43.15 ng
 RT: 8.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	281413		
198	94.1	78.2	117.4	
97	60.0	38.8	58.2	
132	34.4	23.5	35.3	

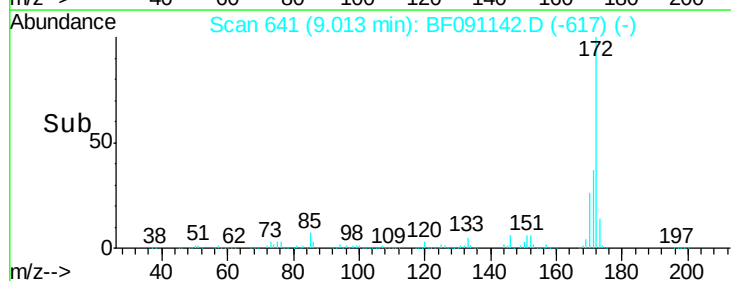
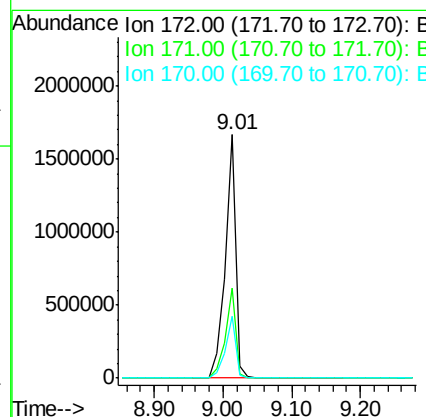
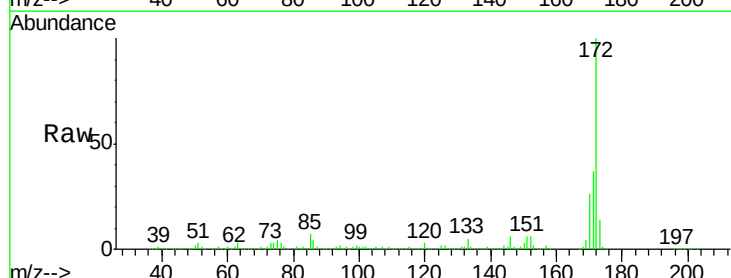
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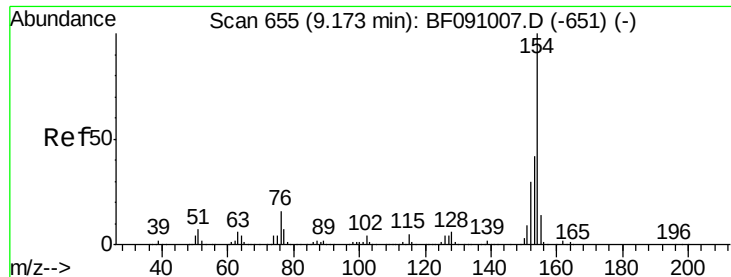
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#44
 2-Fluorobiphenyl
 Concen: 81.97 ng
 RT: 9.01 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1797020		
171	37.1	29.8	44.6	
170	25.5	20.3	30.5	





#45

1,1'-Biphenyl

Concen: 37.38 ng

RT: 9.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

ClientSampleId :

PB94661BS

Tot Ion:154 Resp: 1030049

Ion Ratio Lower Upper

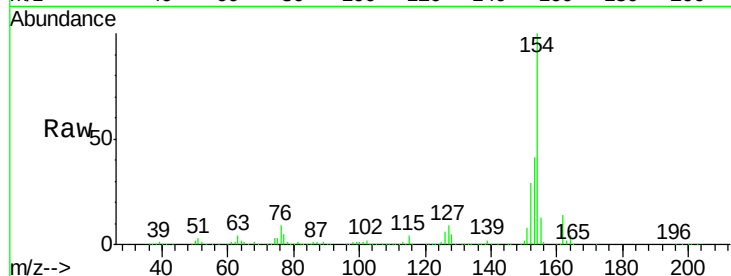
154 100

153 40.7 21.6 61.6

76 9.1 0.0 36.2

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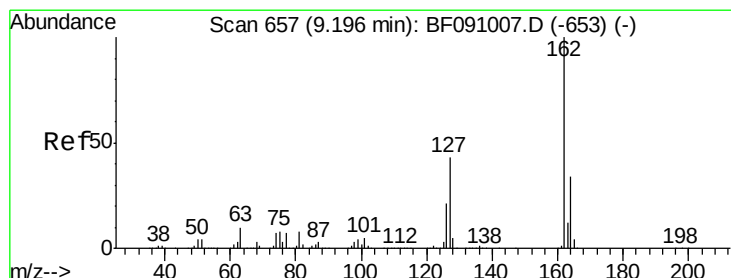
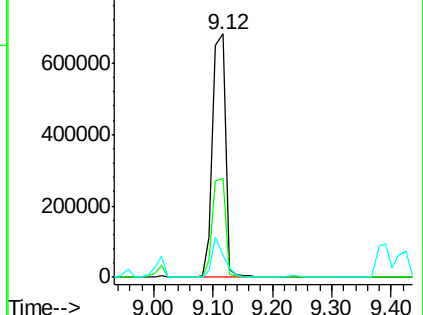
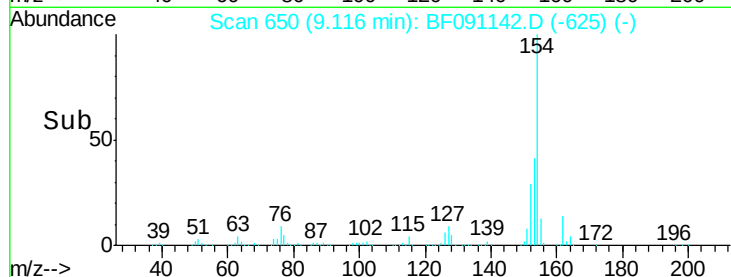
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.74 ng

RT: 9.13 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

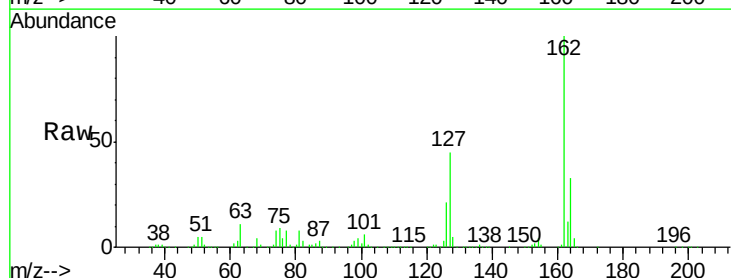
Tgt Ion:162 Resp: 810603

Ion Ratio Lower Upper

162 100

127 44.8 34.7 52.1

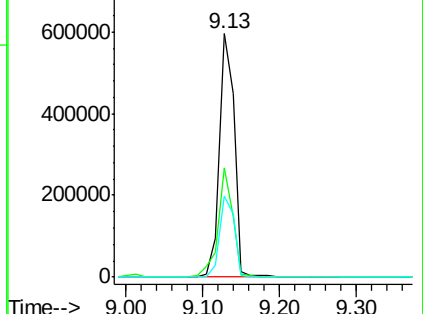
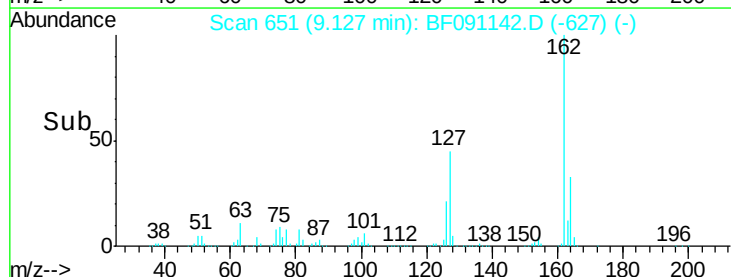
164 33.1 27.0 40.4

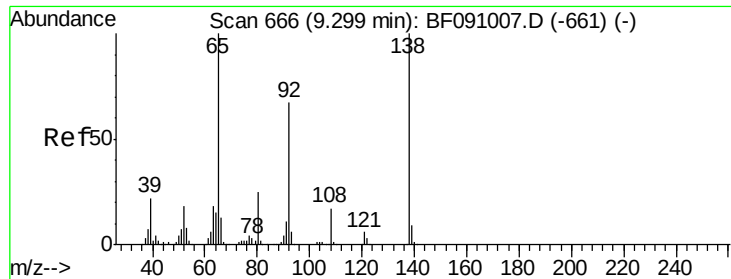


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





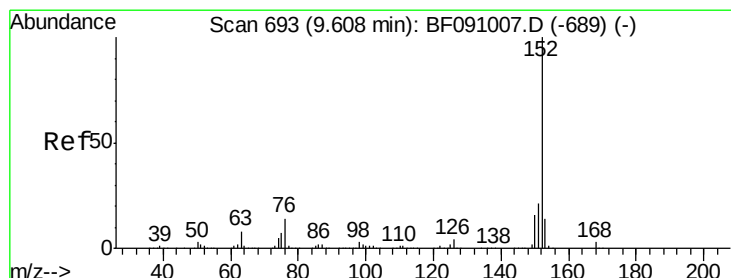
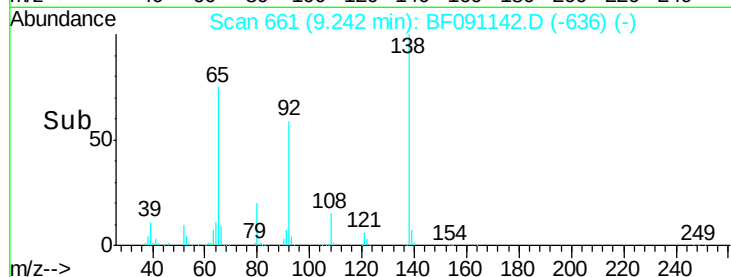
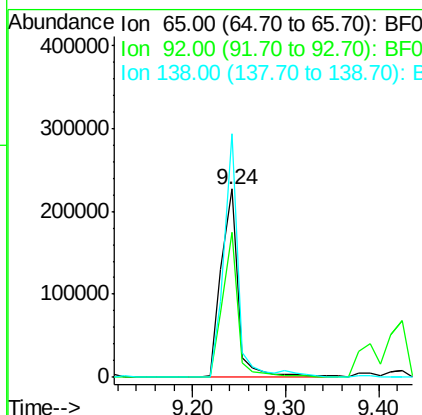
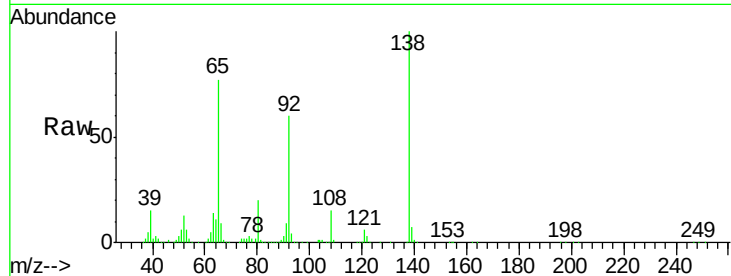
#47
2-Nitroaniline
Concen: 36.37 ng
RT: 9.24 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Instrument :
BNA_F
ClientSampleId :
PB94661BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	77.0	53.9	80.9
138	129.5	80.1	120.1

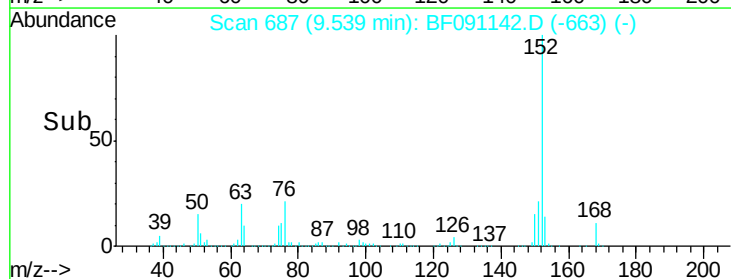
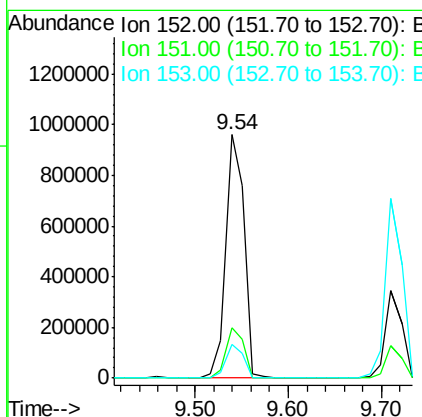
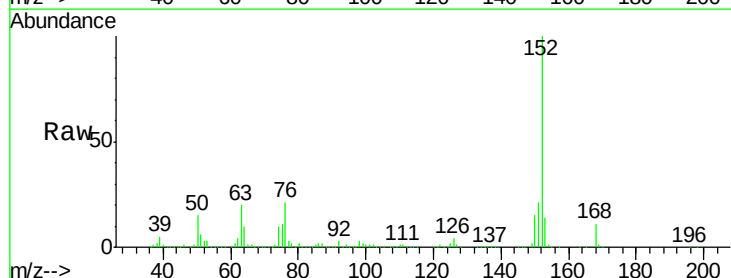
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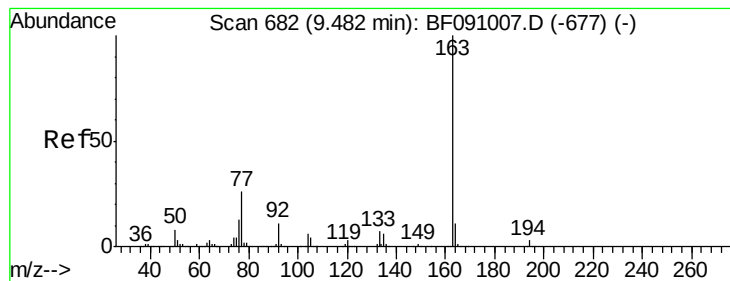
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#48
Acenaphthylene
Concen: 40.15 ng
RT: 9.54 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1
153	13.8	11.1	16.7





#49

Dimethylphthalate

Concen: 42.03 ng

RT: 9.42 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

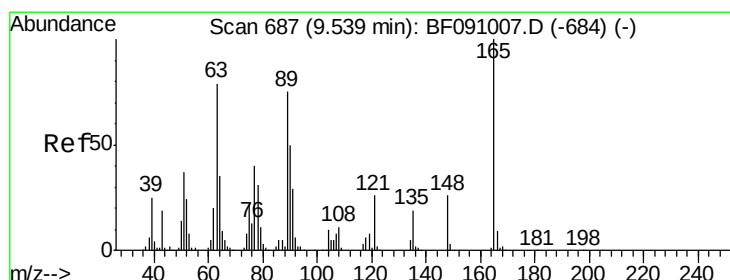
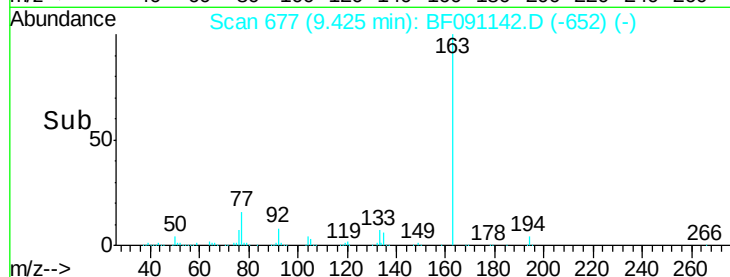
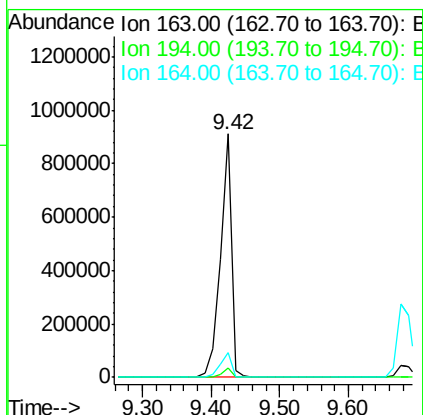
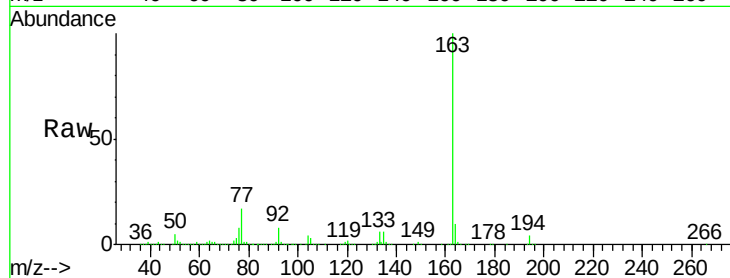
ClientSampleId :

PB94661BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.2	8.7	13.1

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#50

2,6-Dinitrotoluene

Concen: 42.70 ng

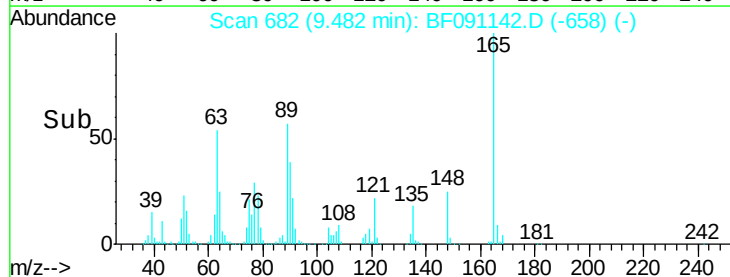
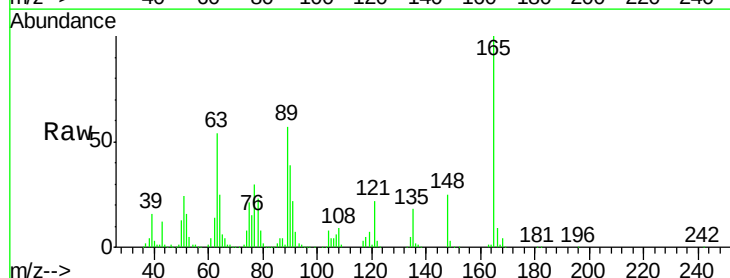
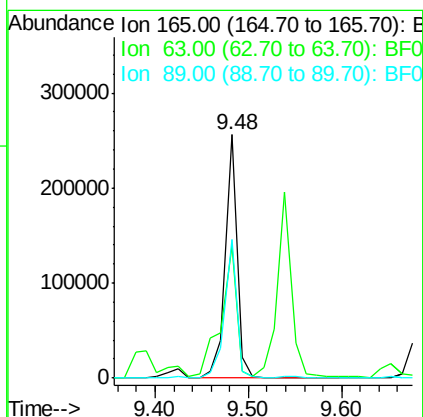
RT: 9.48 min Scan# 682

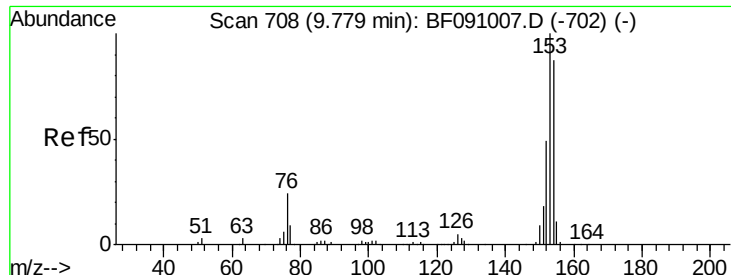
Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.1	65.6	98.4#
89	57.0	59.8	89.6#





#51

Acenaphthene

Concen: 37.84 ng

RT: 9.71 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

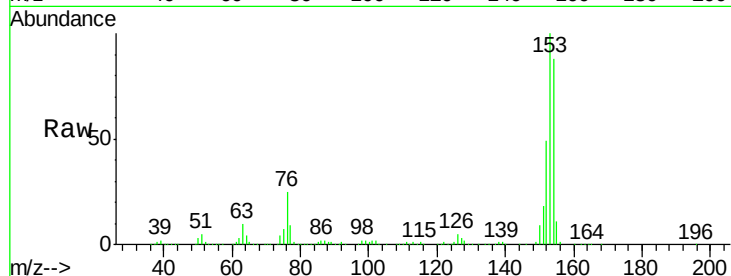
ClientSampleId :

PB94661BS

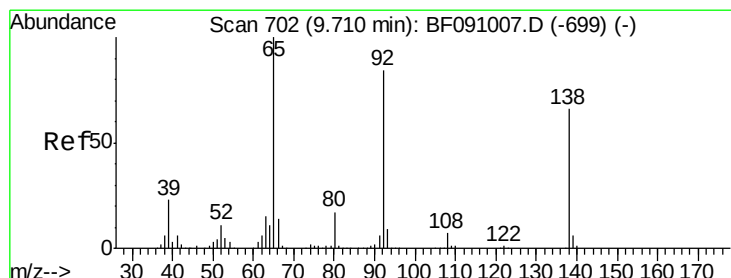
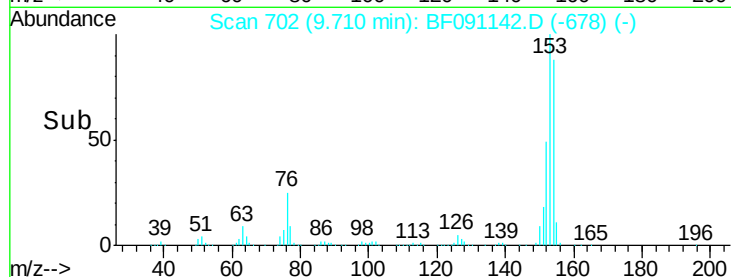
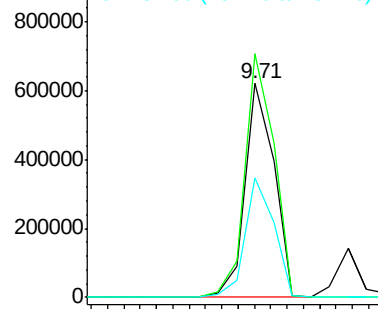
Tot Ion:	154	Resp:	774595
Ion Ratio	Lower	Upper	
154	100		
153	114.0	91.6	137.4
152	55.7	44.6	67.0

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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: 17.89 ng

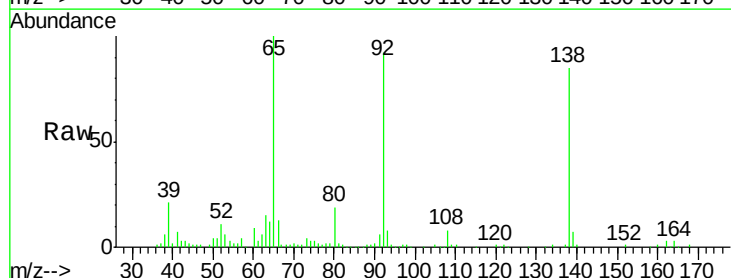
RT: 9.65 min Scan# 697

Delta R.T. -0.01 min

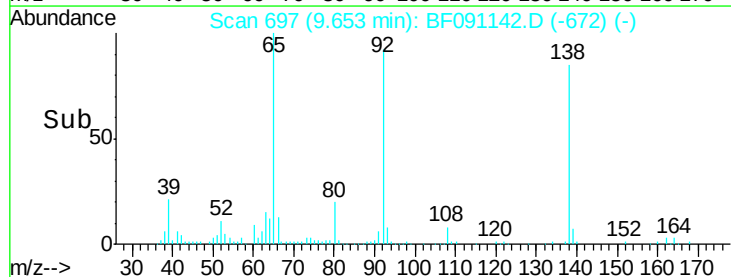
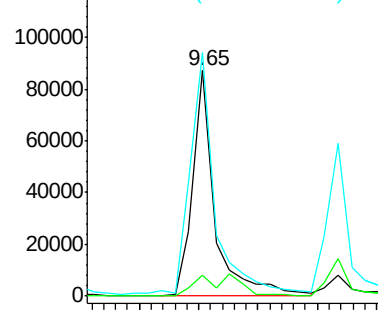
Lab File: BF091142.D

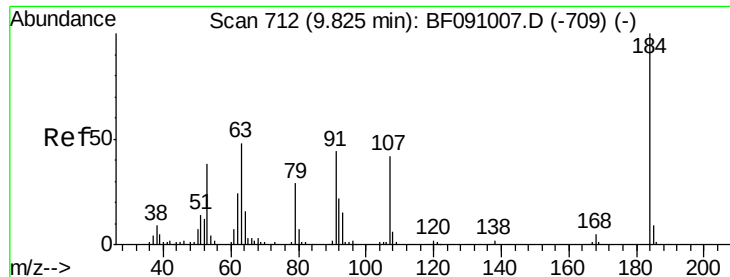
Acq: 11 Nov 2016 16:10

Tgt Ion:	138	Resp:	112501
Ion Ratio	Lower	Upper	
138	100		
108	9.4	8.4	12.6
92	108.0	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





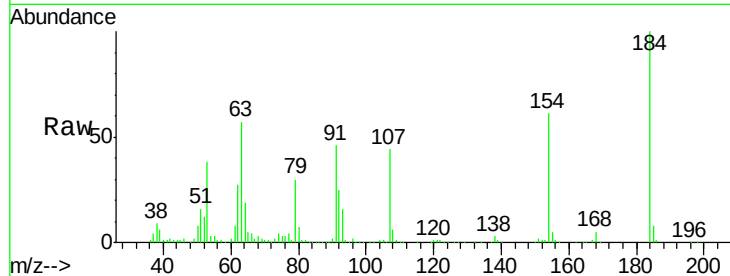
#53
2,4-Dinitrophenol
Concen: 81.64 ng
RT: 9.77 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Instrument :
BNA_F
ClientSampleId :
PB94661BS

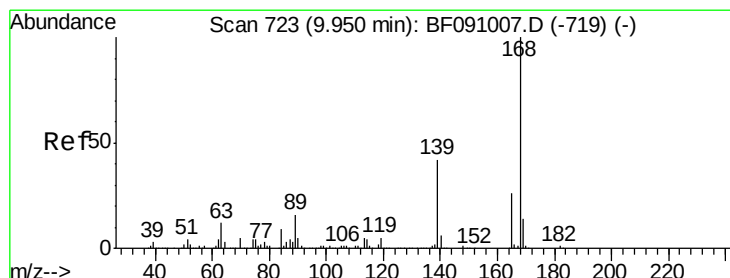
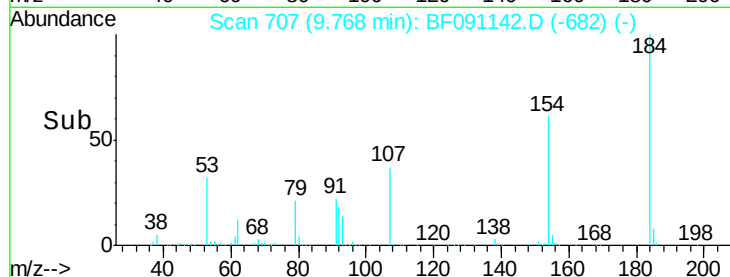
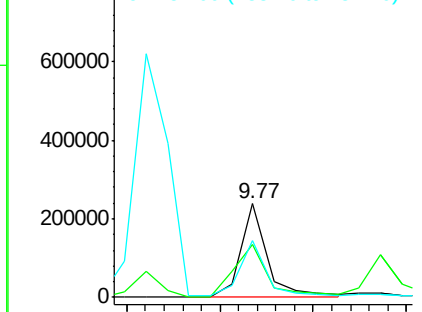
Tot Ion	Ratio	Resp	Lower	Upper
184	100	236252		
63	57.0		45.5	68.3
154	60.7		51.0	76.4

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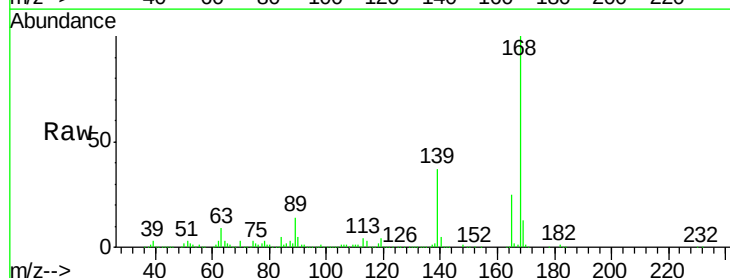


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

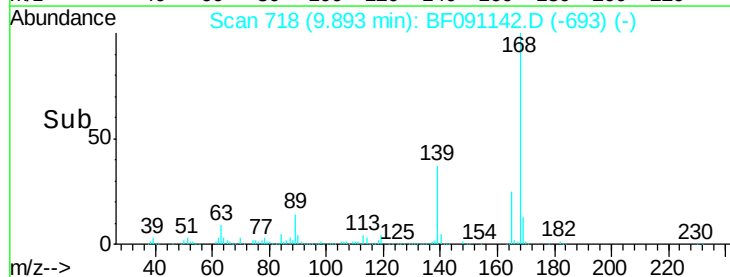
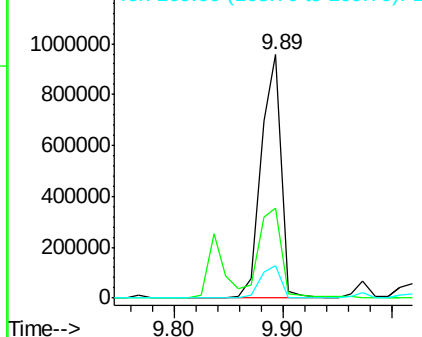


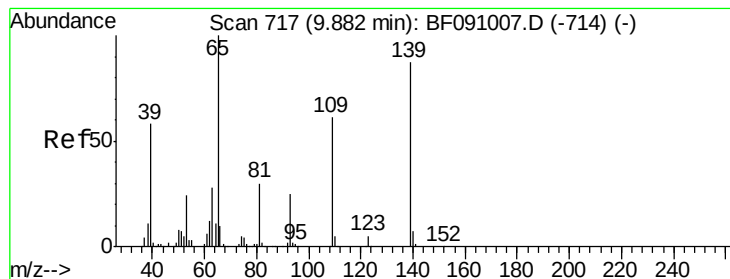
#54
Dibenzofuran
Concen: 44.25 ng
RT: 9.89 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1219346		
139	37.1		34.8	52.2
169	13.4		11.4	17.2



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





#55

4-Nitrophenol

Concen: 65.12 ng

RT: 9.84 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

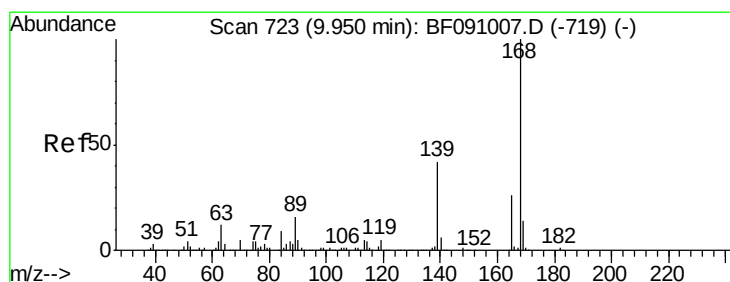
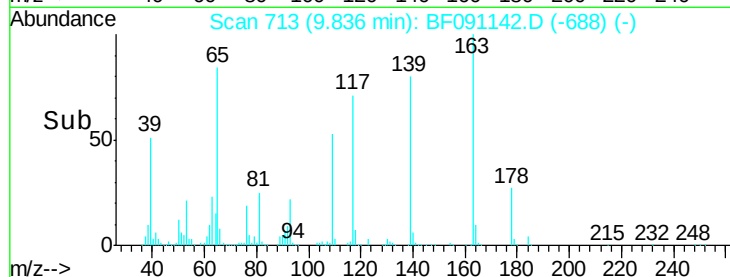
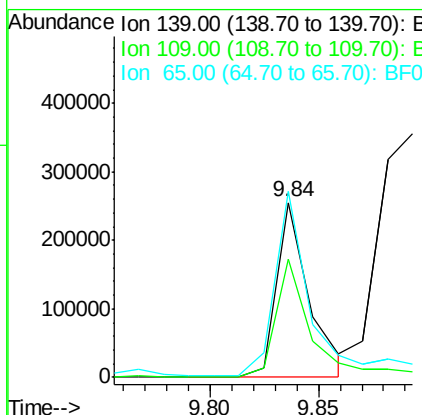
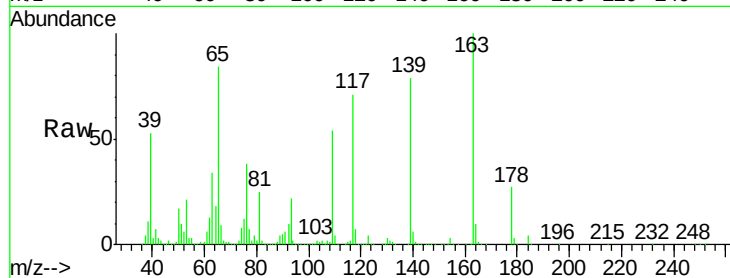
ClientSampleId :

PB94661BS

Tot Ion:	139	Resp:	267935
Ion Ratio	Lower	Upper	
139	100		
109	67.6	50.5	90.5
65	106.0	97.1	137.1

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#56

2,4-Dinitrotoluene

Concen: 46.80 ng

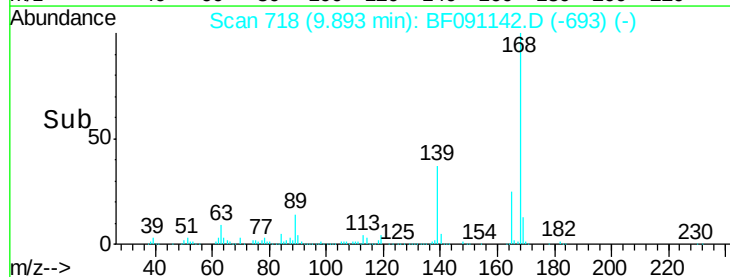
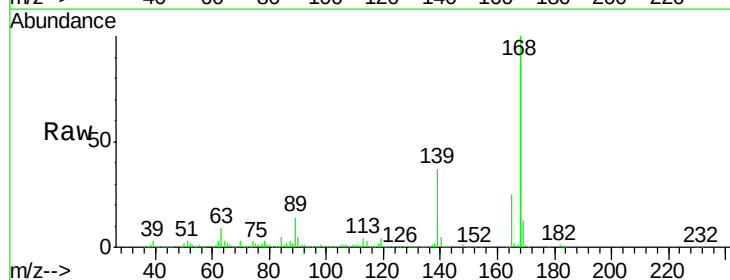
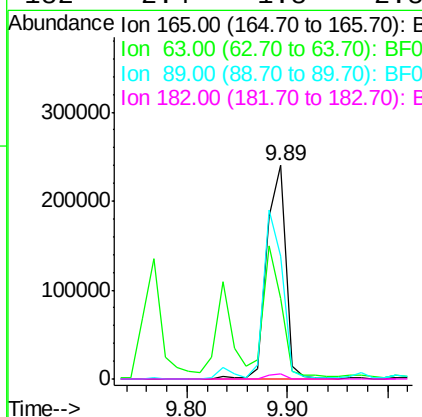
RT: 9.89 min Scan# 718

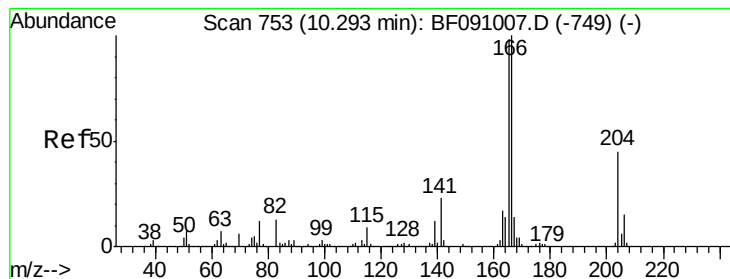
Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Tgt Ion:	165	Resp:	315831
Ion Ratio	Lower	Upper	
165	100		
63	37.6	38.7	58.1#
89	57.6	50.6	76.0
182	2.4	1.8	2.8





#57

Fluorene

Concen: 39.12 ng

RT: 10.22 min Scan# 747

Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

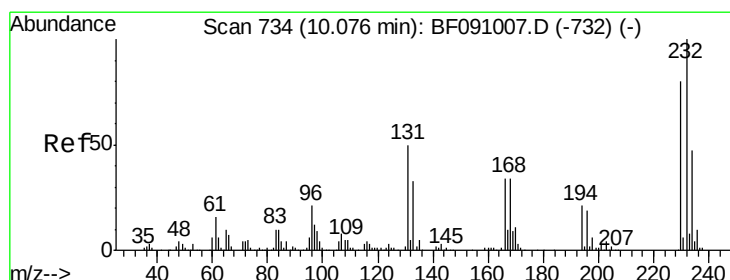
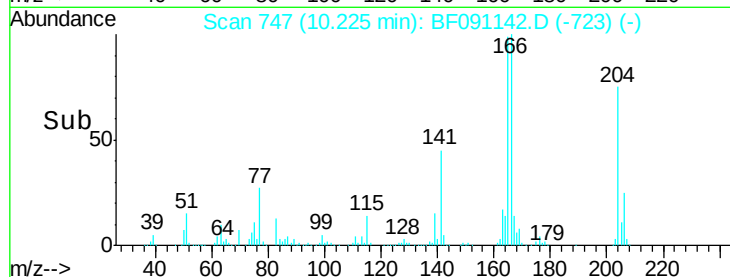
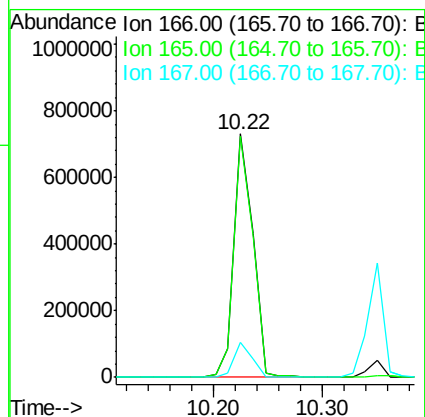
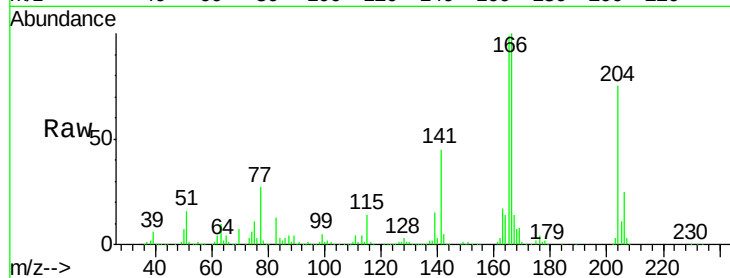
ClientSampleId :

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Tot Ion:	166	Resp:	881097
Ion Ratio	Lower	Upper	
166	100		
165	98.8	78.6	118.0
167	14.2	11.1	16.7

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.46 ng

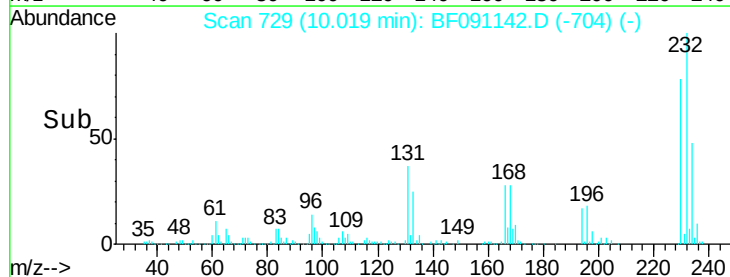
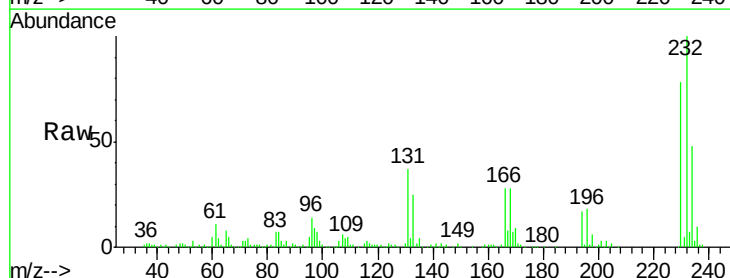
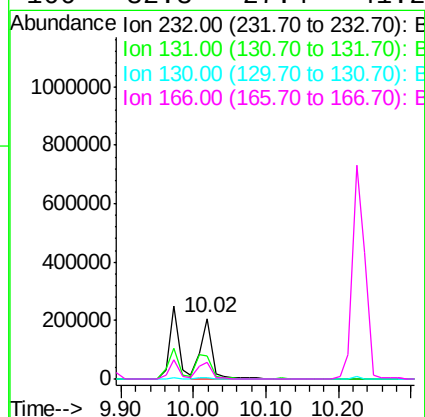
RT: 10.02 min Scan# 729

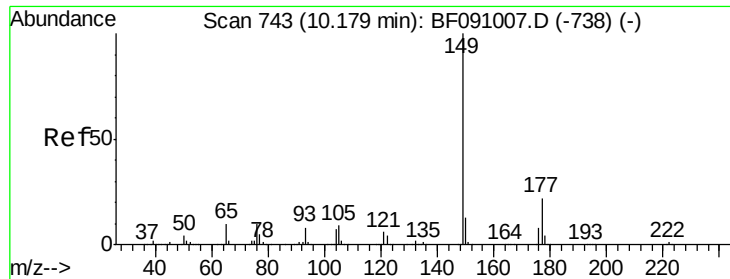
Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Tgt Ion:	232	Resp:	232273
Ion Ratio	Lower	Upper	
232	100		
131	53.0	43.6	65.4
130	2.6	2.0	3.0
166	32.3	27.4	41.2





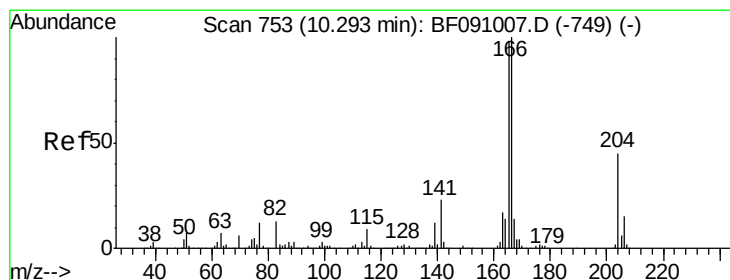
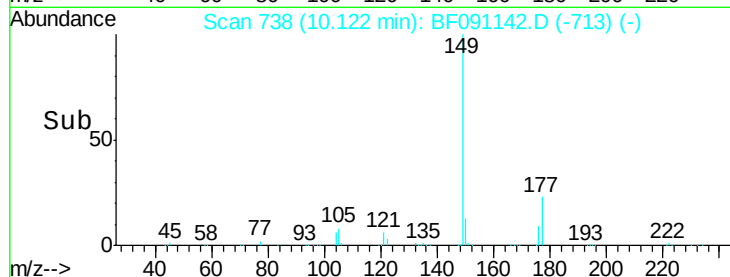
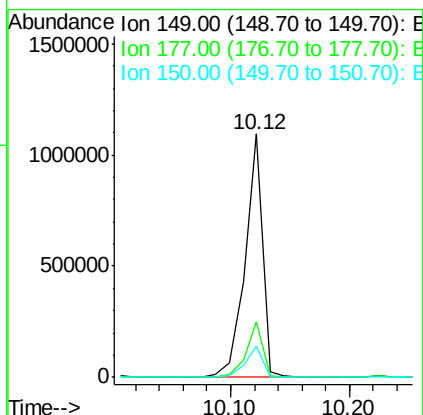
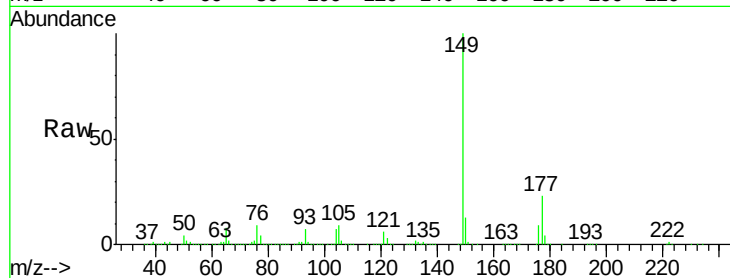
#59
Diethylphthalate
Concen: 44.21 ng
RT: 10.12 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Instrument :
BNA_F
ClientSampled :
PB94661BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.3	25.9
150	12.7	10.3	15.5

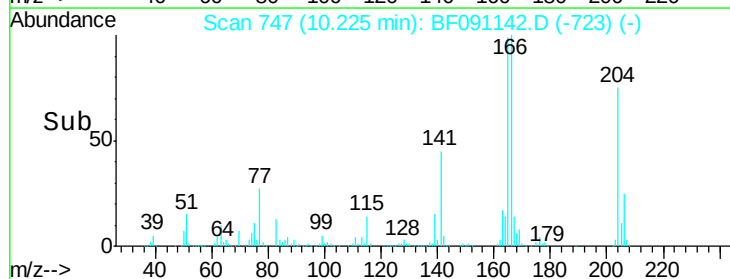
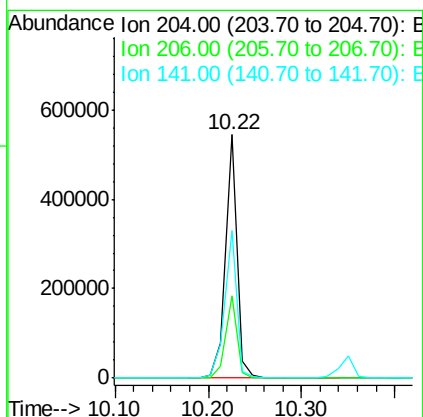
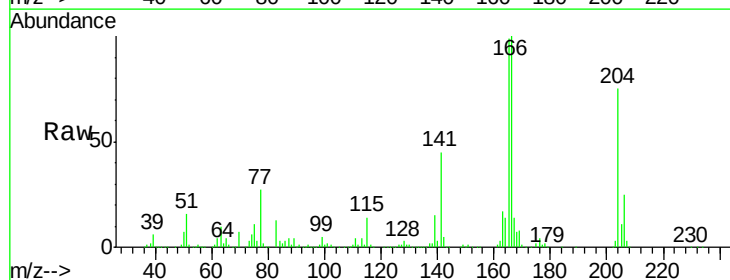
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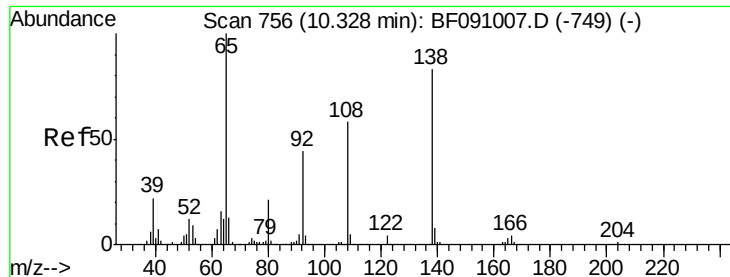
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11/14/2016 6:36:54 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.36 ng
RT: 10.22 min Scan# 747
Delta R.T. -0.02 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.1	40.7
141	60.6	40.1	60.1#





#61

4-Nitroaniline

Concen: 38.91 ng

RT: 10.27 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

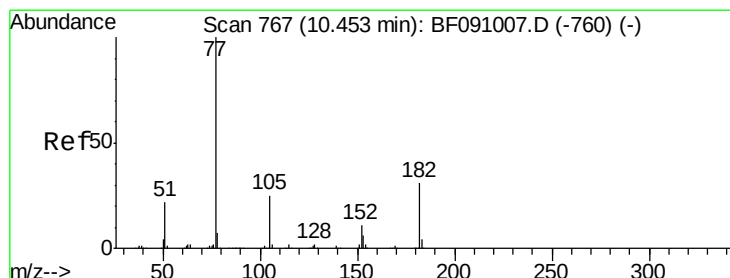
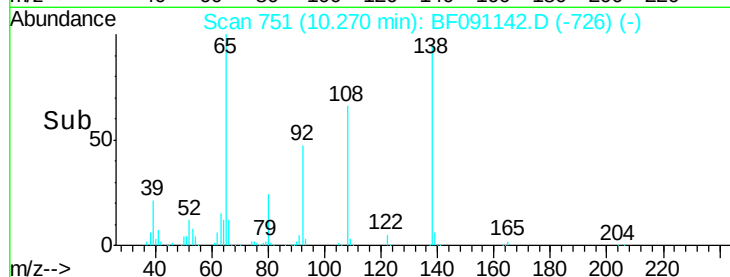
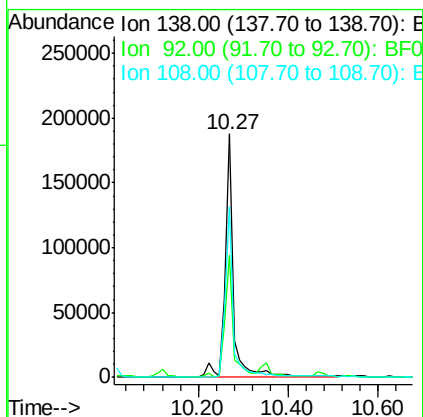
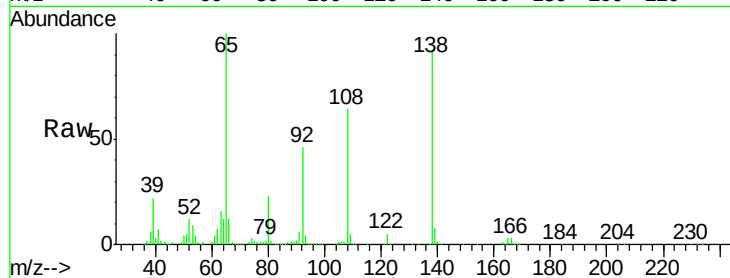
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
138	100		
92	49.9	32.5	72.5
108	70.0	49.4	89.4

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11/14/2016 6:36:54 PM



#62

Azobenzene

Concen: 42.17 ng

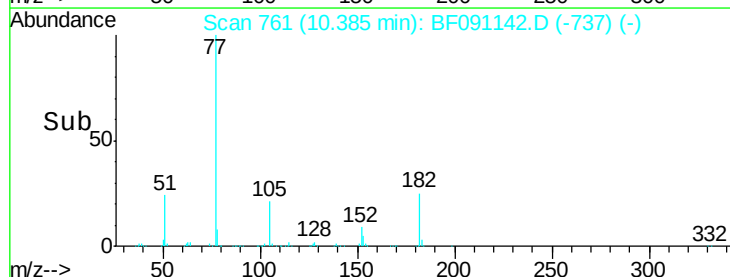
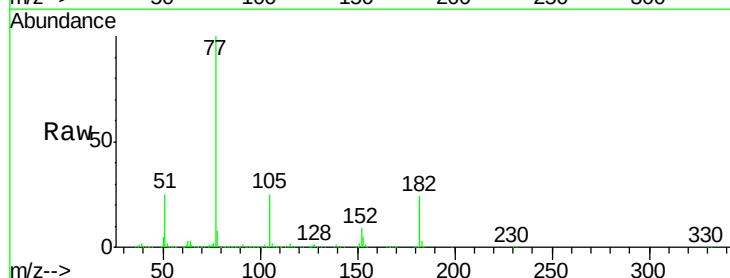
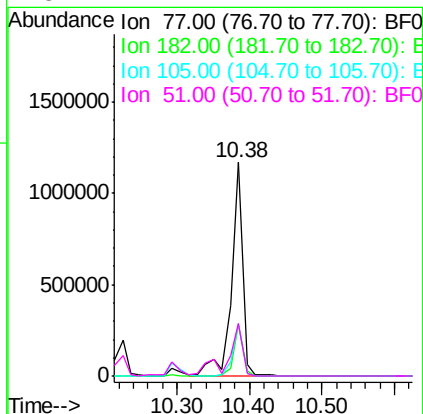
RT: 10.38 min Scan# 761

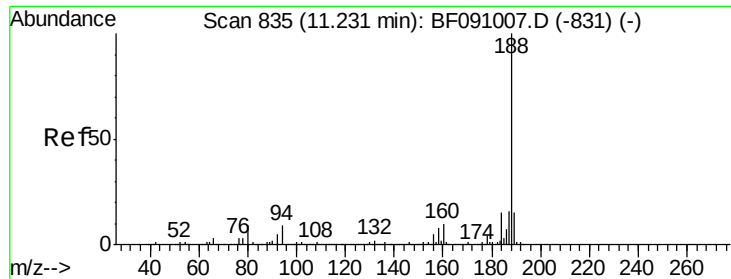
Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.0	11.0	51.0
105	24.6	5.6	45.6
51	24.7	2.7	42.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

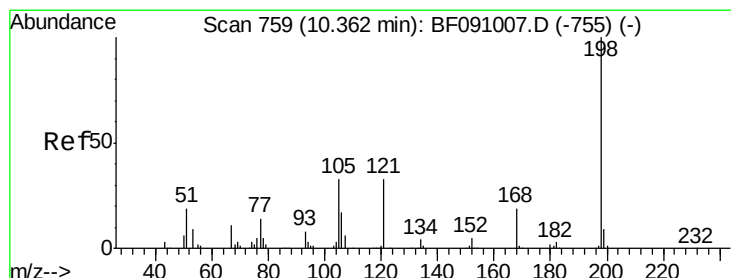
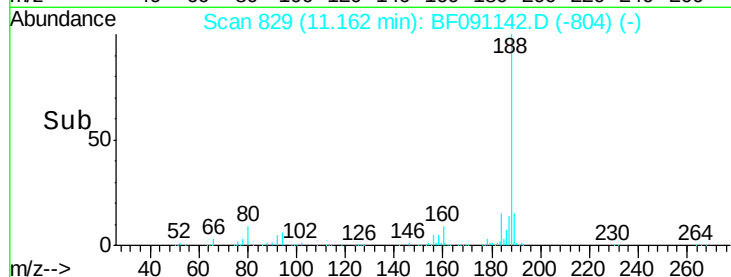
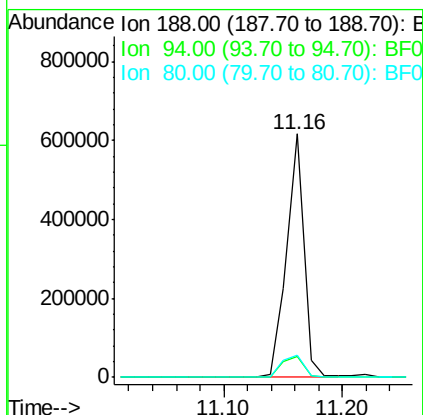
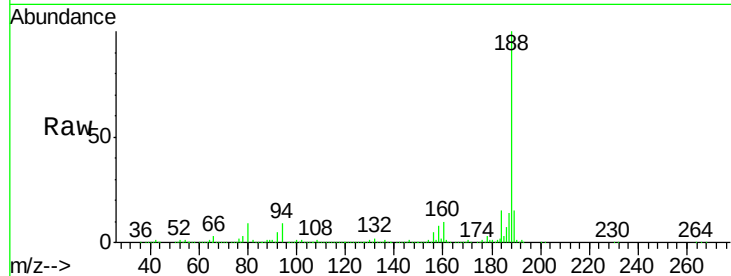
ClientSampleId :

PB94661BS

Tot Ion:188	Resp:	619697
Ion Ratio	Lower	Upper
188 100		
94 8.7	7.0	10.4
80 9.3	7.5	11.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 40.84 ng

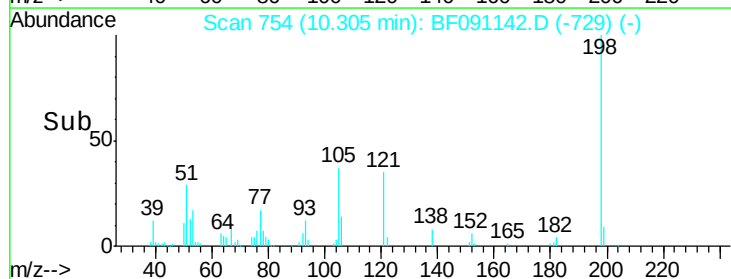
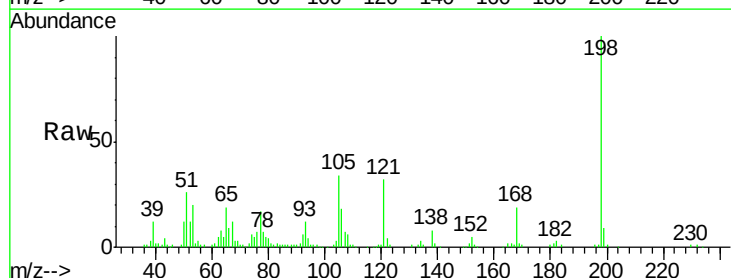
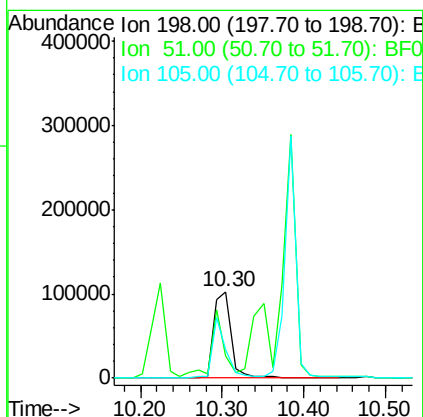
RT: 10.30 min Scan# 754

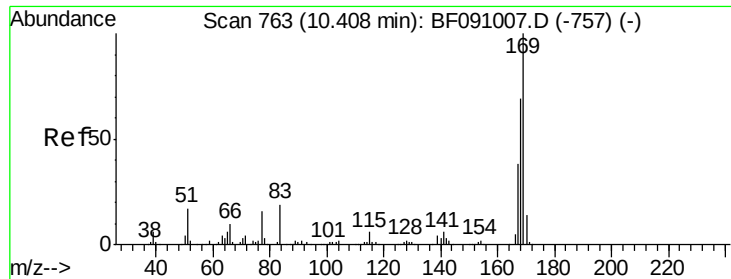
Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Tgt Ion:198	Resp:	154982
Ion Ratio	Lower	Upper
198 100		
51 26.2	5.9	45.9
105 33.8	13.8	53.8





#65

n-Nitrosodiphenylamine

Concen: 45.45 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

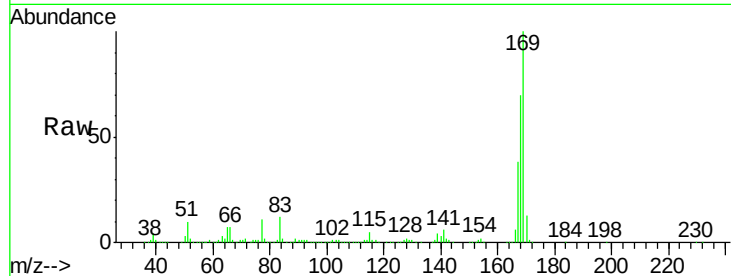
ClientSampleId :

PB94661BS

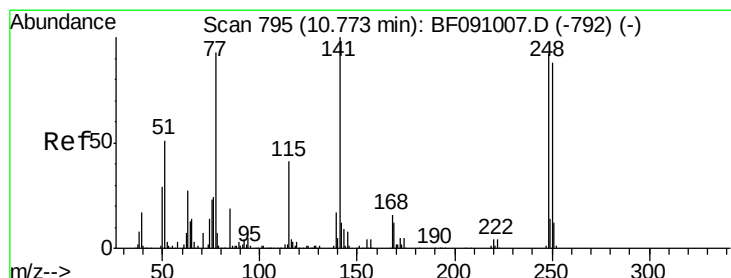
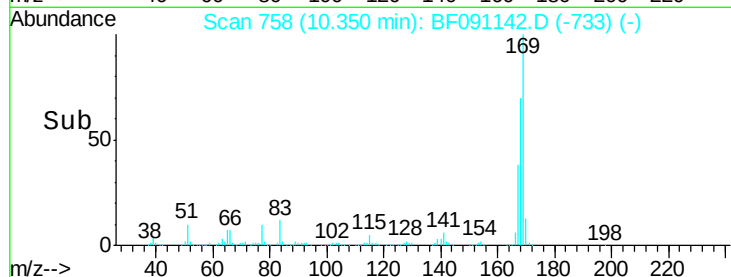
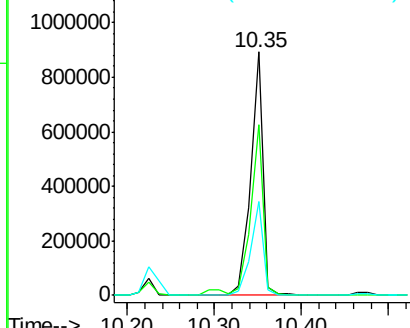
Tot Ion:	169	Resp:	895125
Ion Ratio	Lower	Upper	
169	100		
168	69.9	55.3	82.9
167	38.4	30.3	45.5

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



#66

4-Bromophenyl-phenylether

Concen: 41.41 ng

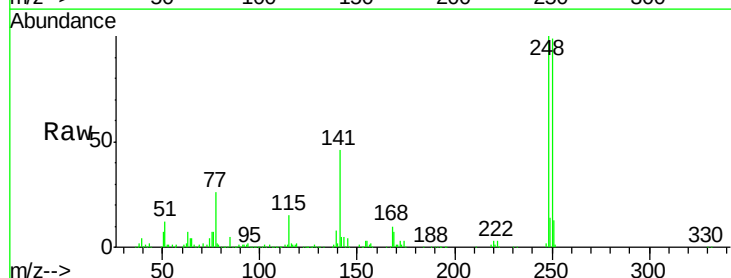
RT: 10.72 min Scan# 790

Delta R.T. -0.01 min

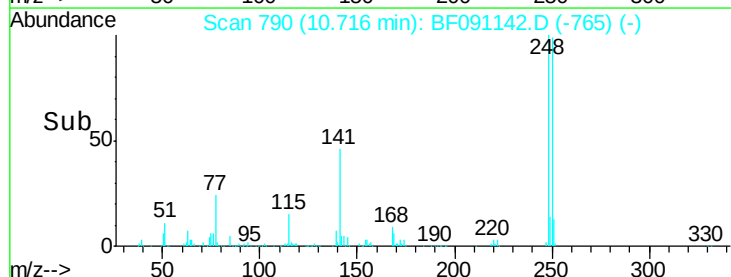
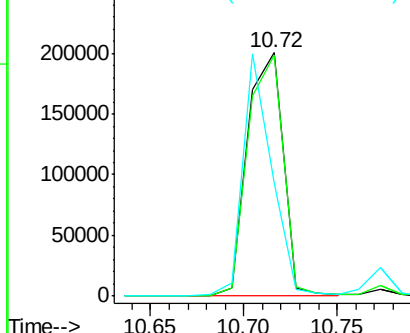
Lab File: BF091142.D

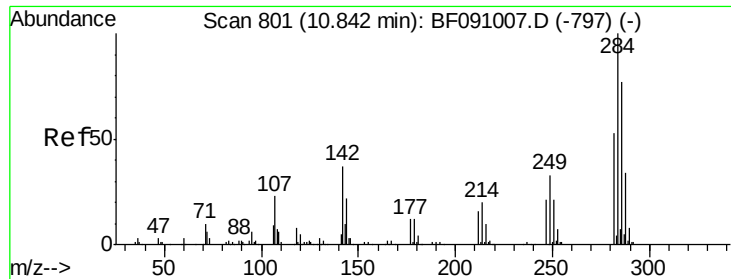
Acq: 11 Nov 2016 16:10

Tgt Ion:	248	Resp:	266940
Ion Ratio	Lower	Upper	
248	100		
250	98.8	76.3	114.5
141	46.3	86.8	130.2#



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





#67

Hexachlorobenzene

Concen: 40.66 ng

RT: 10.77 min Scan# 795

Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

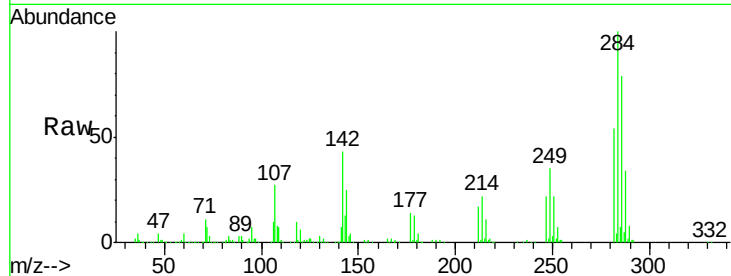
ClientSampleId :

PB94661BS

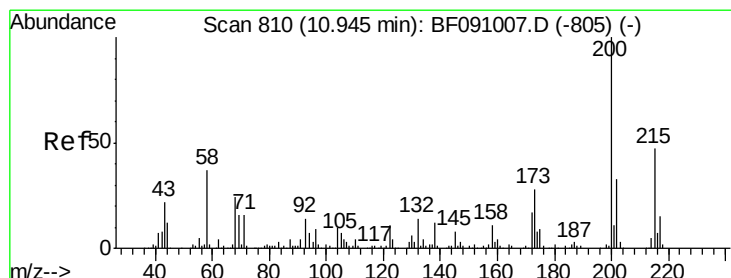
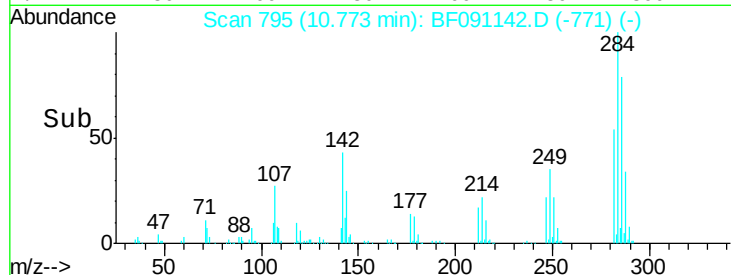
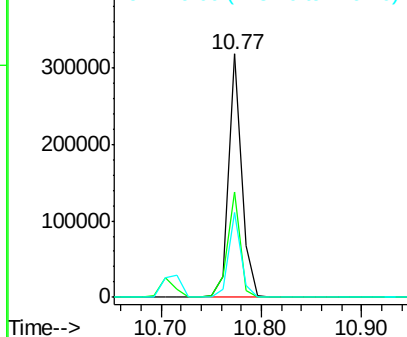
Tot Ion:	284	Resp:	289026
Ion Ratio		Lower	Upper
284	100		
142	43.1	29.9	44.9
249	34.6	26.6	39.8

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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: 49.28 ng

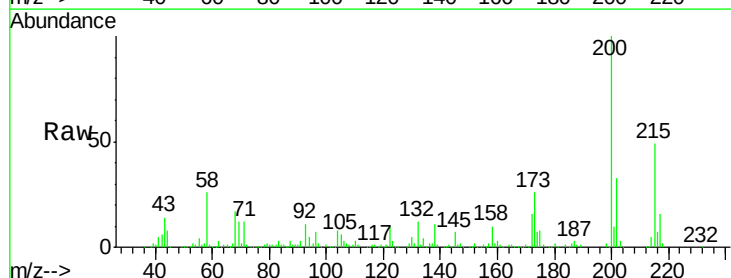
RT: 10.89 min Scan# 805

Delta R.T. -0.01 min

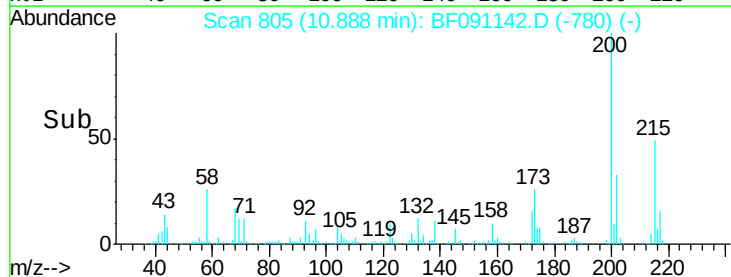
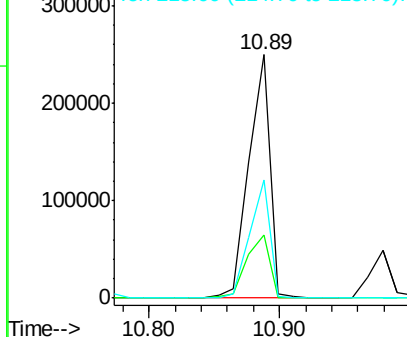
Lab File: BF091142.D

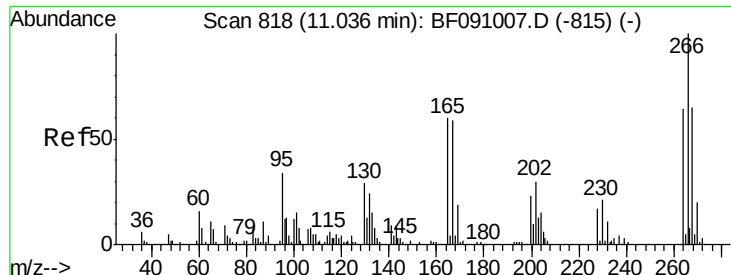
Acq: 11 Nov 2016 16:10

Tgt Ion:	200	Resp:	280038
Ion Ratio		Lower	Upper
200	100		
173	26.1	8.1	48.1
215	48.7	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





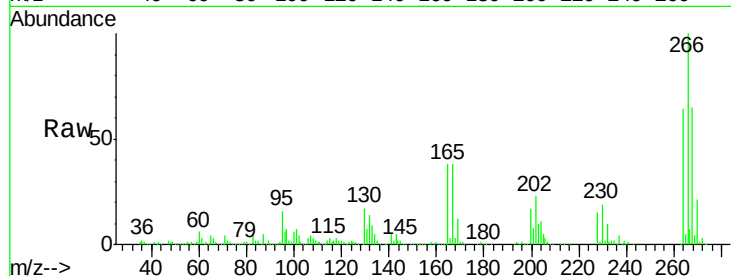
#69
 Pentachlorophenol
 Concen: 97.59 ng
 RT: 10.98 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BS

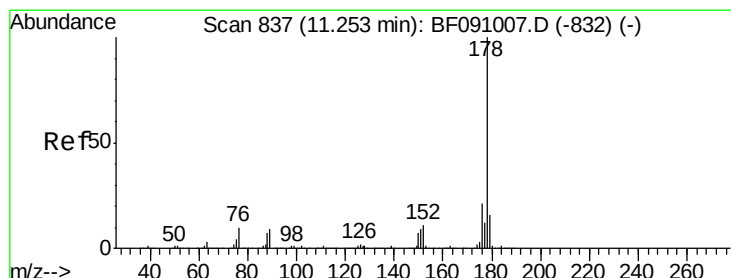
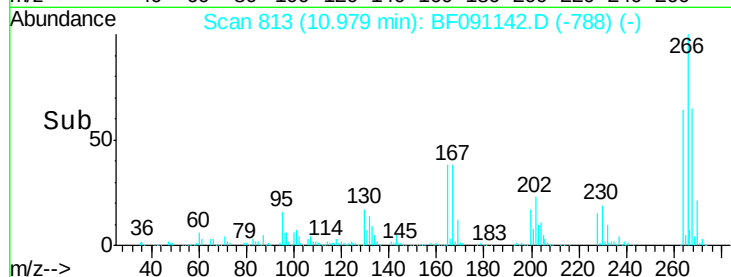
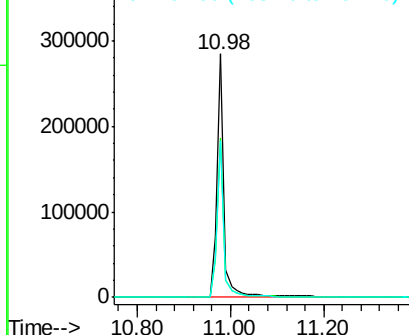
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.1	52.1	78.1
264	64.2	51.1	76.7

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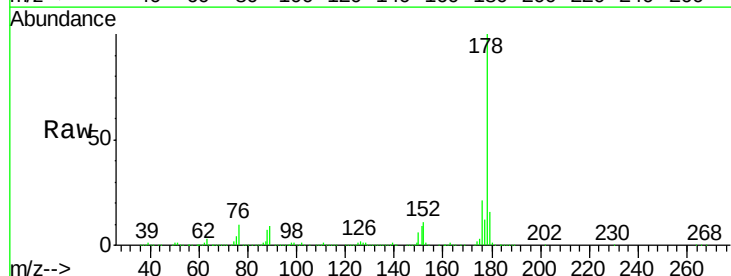


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

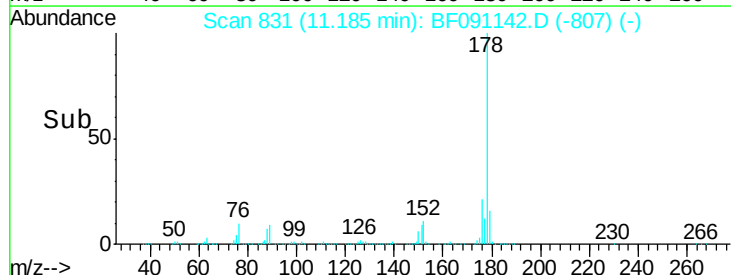
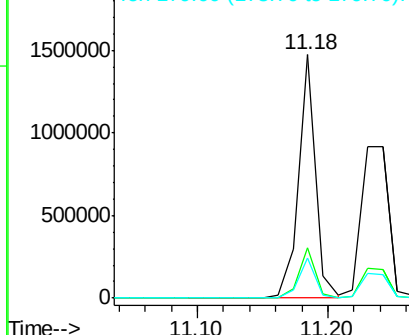


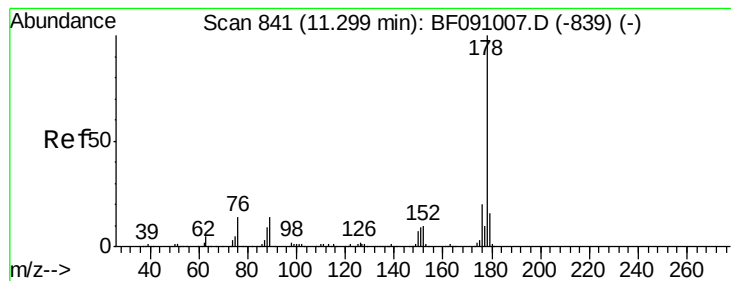
#70
 Phenanthrene
 Concen: 40.63 ng
 RT: 11.18 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.6	25.0
179	16.4	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: 38.91 ng

RT: 11.24 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

ClientSampleId :

PB94661BS

Tot Ion:178 Resp: 1362603

Ion Ratio Lower Upper

178 100

176 19.2 16.0 24.0

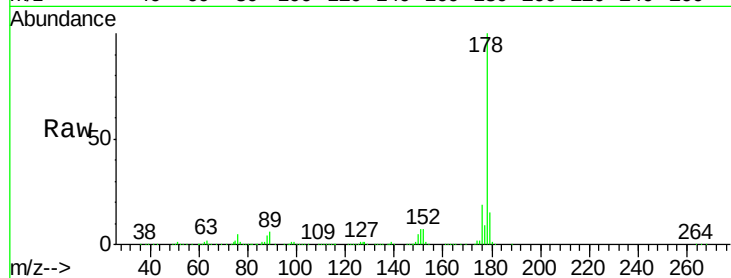
179 15.4 13.0 19.6

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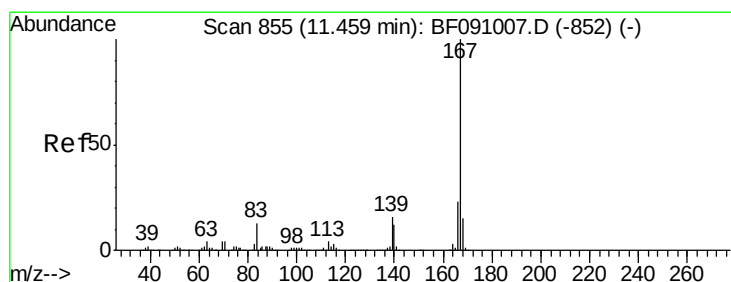
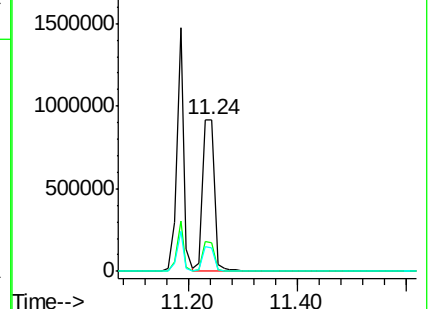
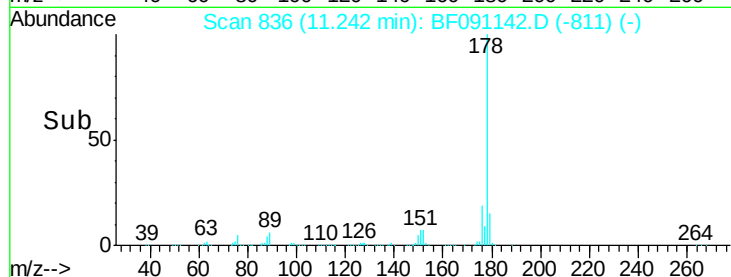
11/14/2016 6:36:54 PM



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: 37.88 ng

RT: 11.40 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

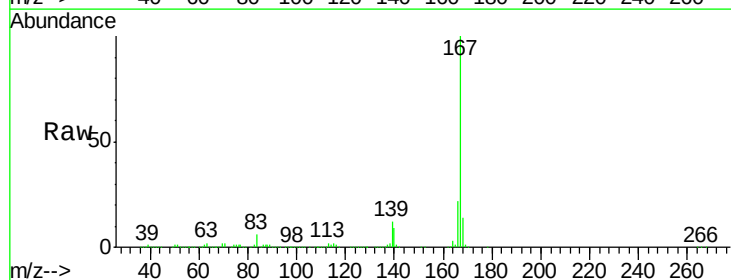
Tgt Ion:167 Resp: 1195583

Ion Ratio Lower Upper

167 100

166 22.4 18.0 27.0

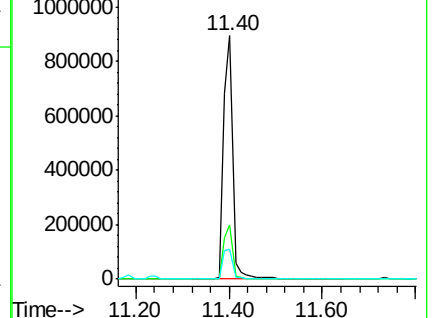
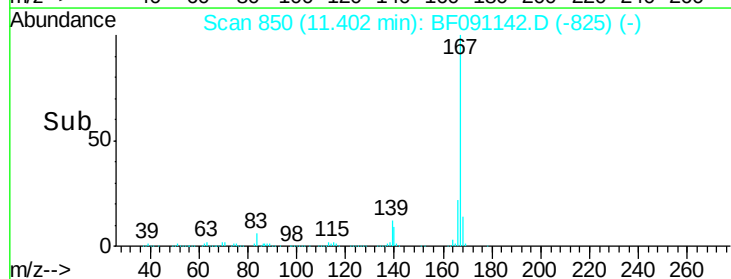
139 12.1 12.6 18.8#

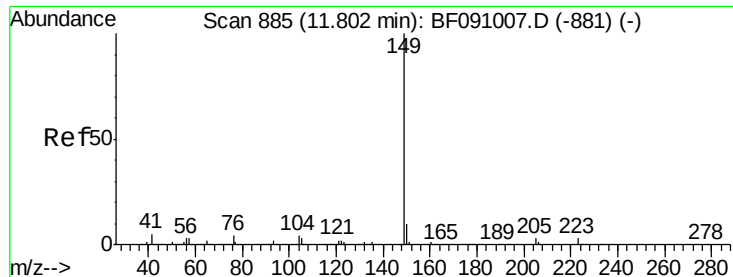


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.71 ng

RT: 11.73 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

ClientSampleId :

PB94661BS

Tot Ion:149 Resp: 1576162

Ion Ratio Lower Upper

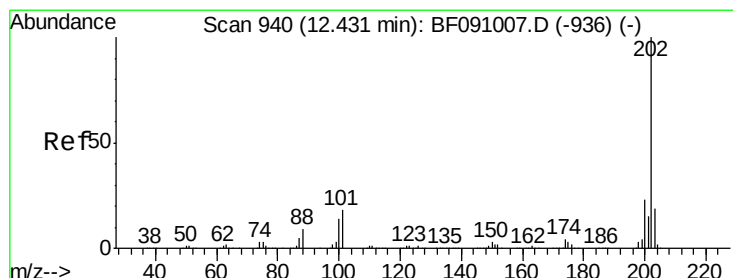
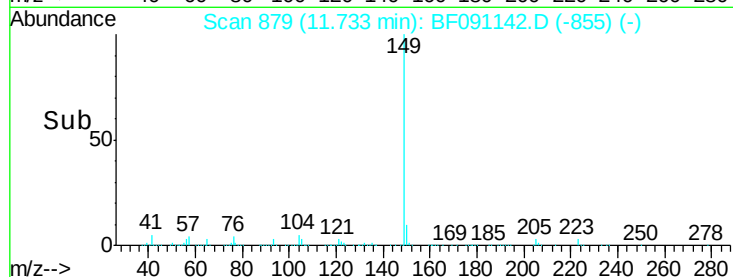
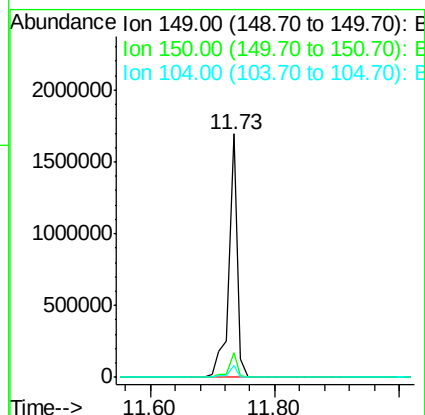
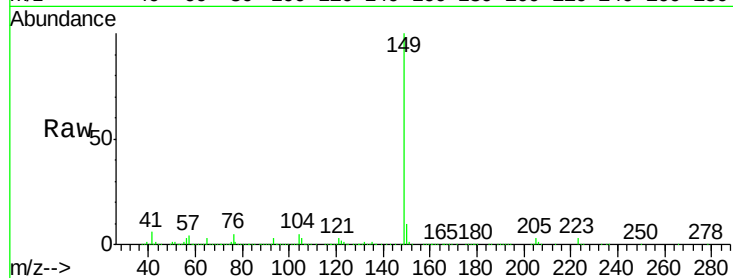
149 100

150 9.9 7.7 11.5

104 4.8 3.6 5.4

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#74

Fluoranthene

Concen: 41.28 ng

RT: 12.36 min Scan# 934

Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

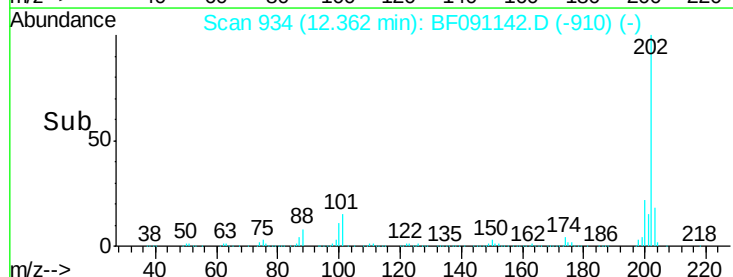
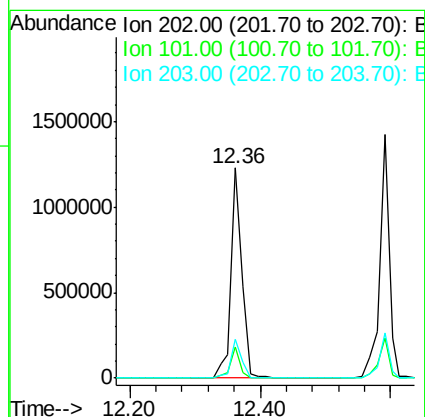
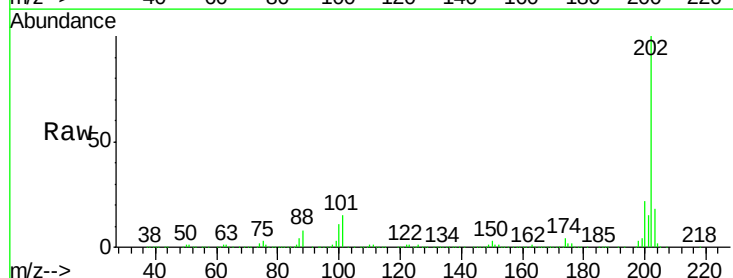
Tgt Ion:202 Resp: 1410527

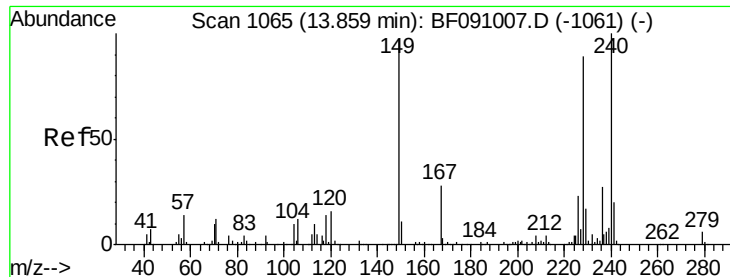
Ion Ratio Lower Upper

202 100

101 15.1 0.0 37.6

203 18.4 0.0 38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

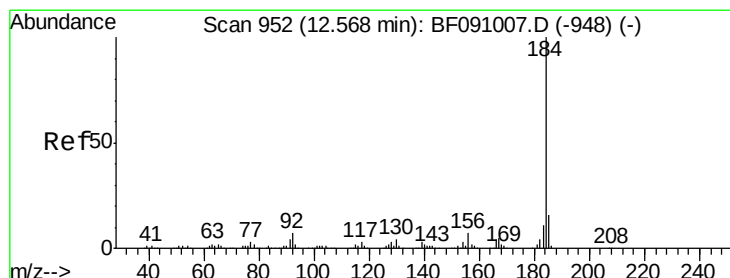
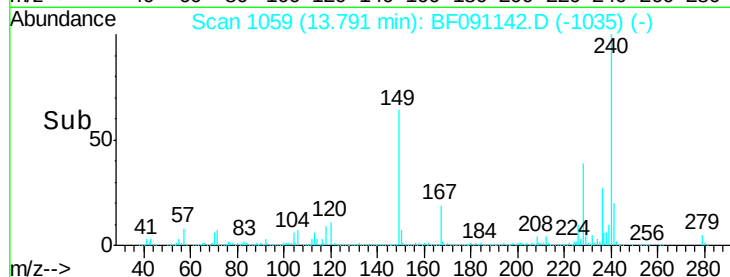
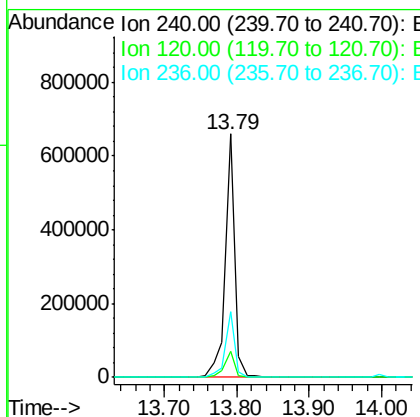
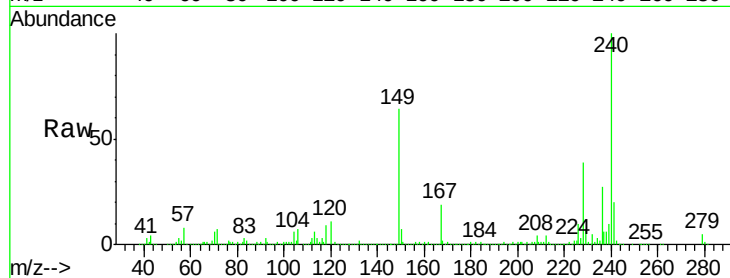
ClientSampleId :

PB94661BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	12.9	19.3#
236	26.8	21.9	32.9

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#76

Benzidine

Concen: 29.28 ng

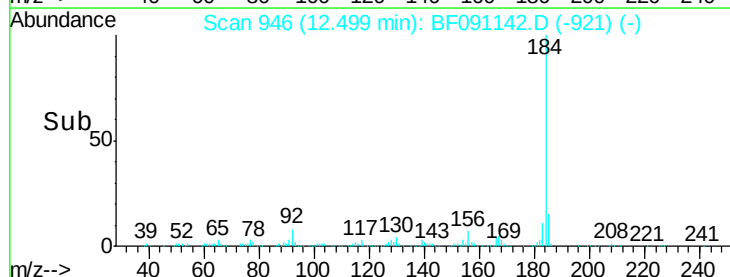
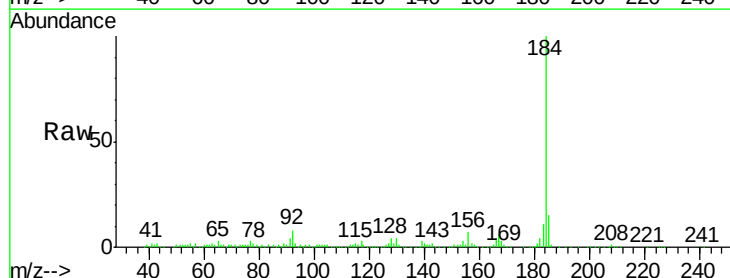
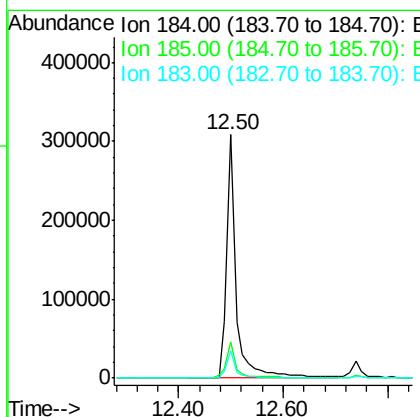
RT: 12.50 min Scan# 946

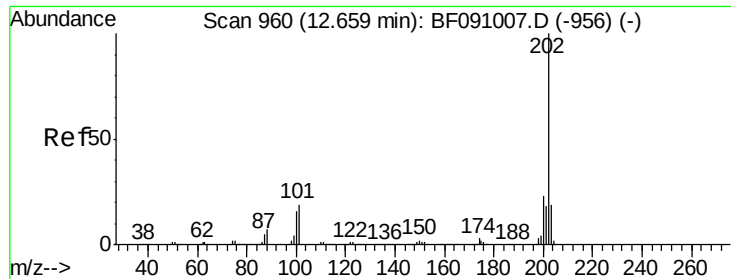
Delta R.T. -0.01 min

Lab File: BF091142.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.0	19.4
183	11.3	8.7	13.1





#77

Pvrene

Concen: 36.21 ng

RT: 12.59 min Scan# 954

Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

ClientSampleId :

PB94661BS

Tot Ion:202 Resp: 1426643

Ion Ratio Lower Upper

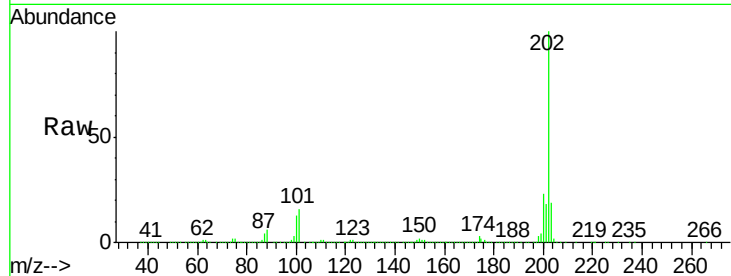
202 100

200 22.6 18.4 27.6

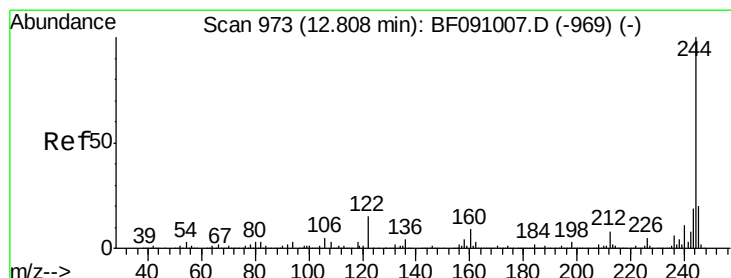
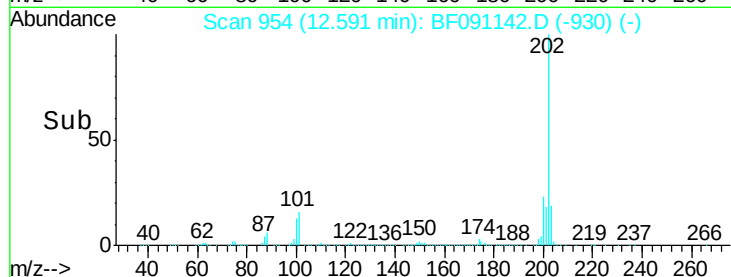
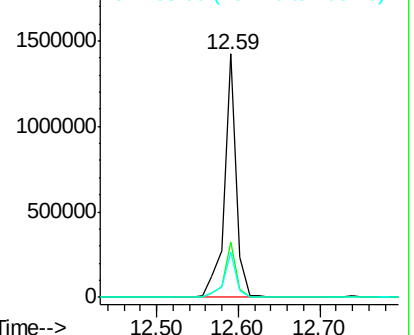
203 18.6 15.0 22.6

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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: 76.66 ng

RT: 12.74 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

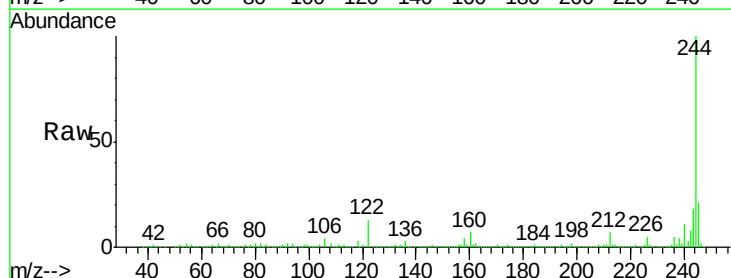
Tgt Ion:244 Resp: 1847972

Ion Ratio Lower Upper

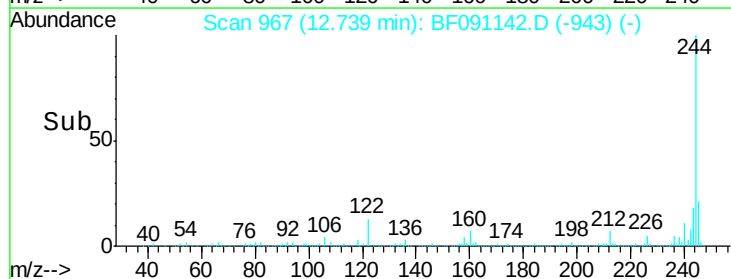
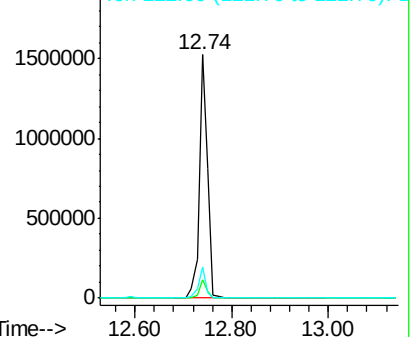
244 100

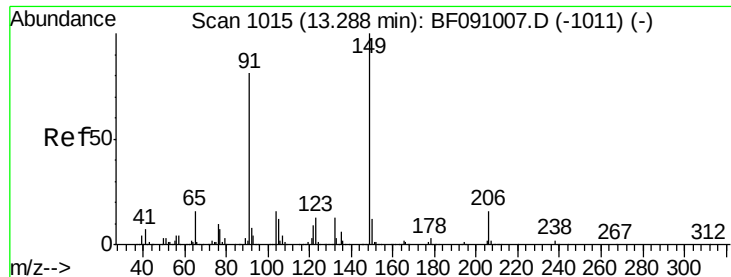
212 7.4 6.4 9.6

122 12.6 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





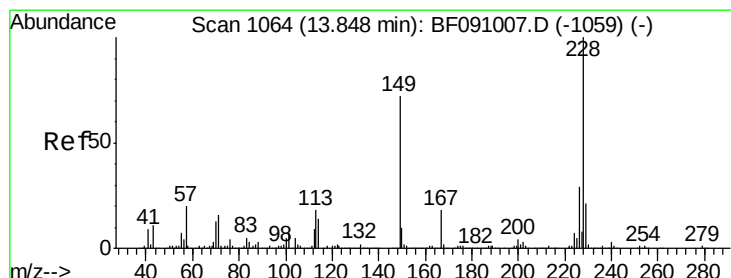
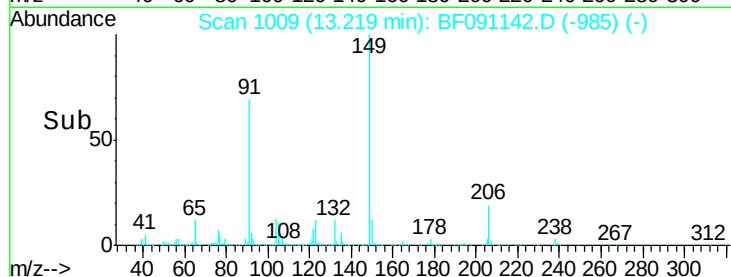
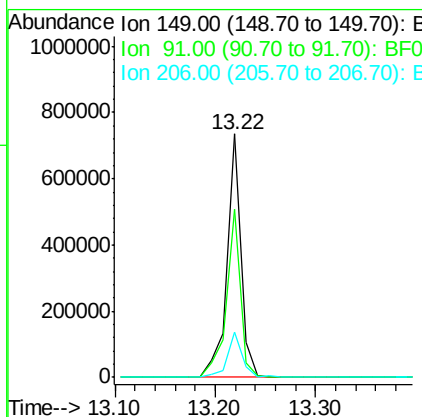
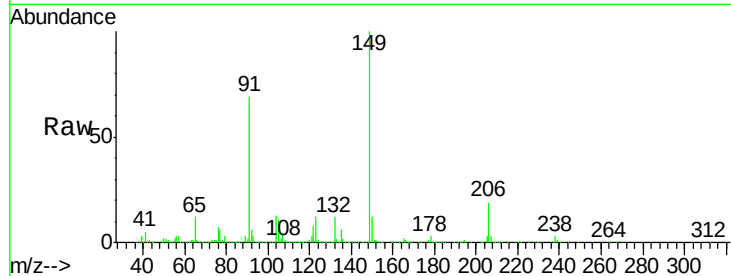
#79
Butylbenzylphthalate
Concen: 37.73 ng
RT: 13.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Instrument :
BNA_F
ClientSampled :
PB94661BS

Tot Ion:	149	Resp:	710927
Ion Ratio	Lower	Upper	
149	100		
91	68.9	65.0	97.4
206	18.5	12.5	18.7

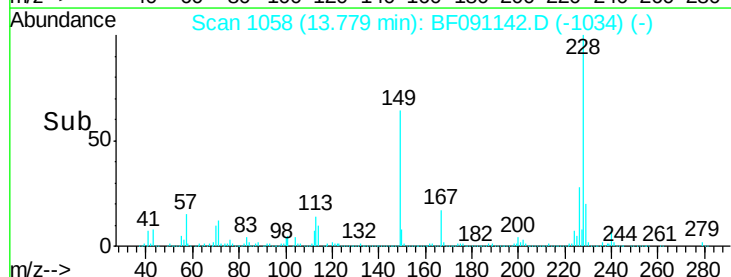
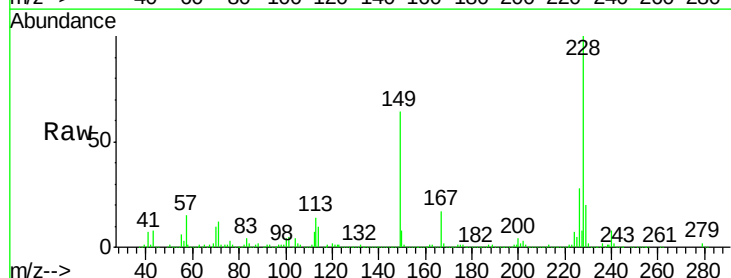
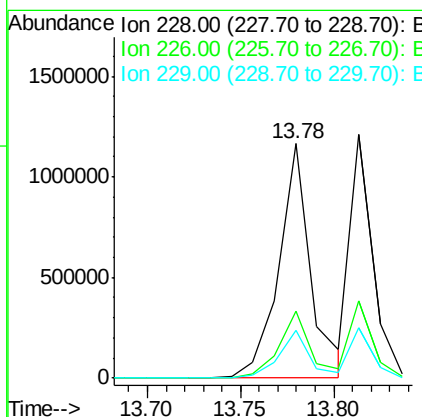
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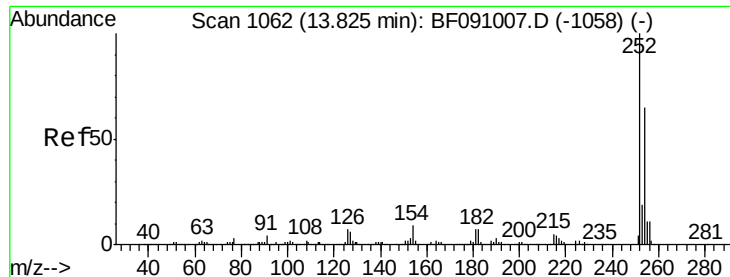
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#80
Benzo(a)anthracene
Concen: 40.80 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.02 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Tgt Ion:	228	Resp:	1393359
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.0	34.6
229	20.4	16.6	24.8





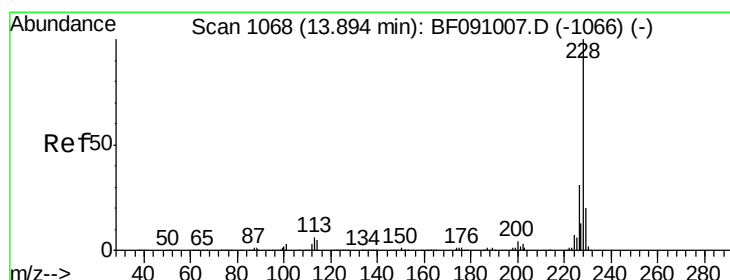
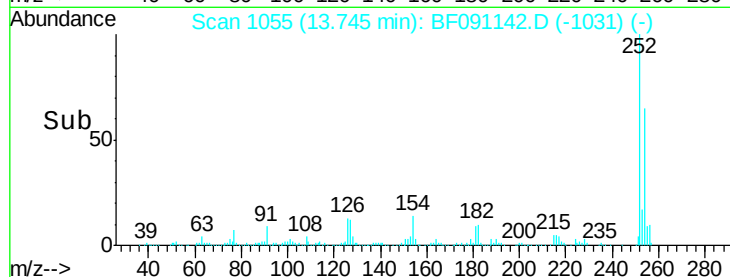
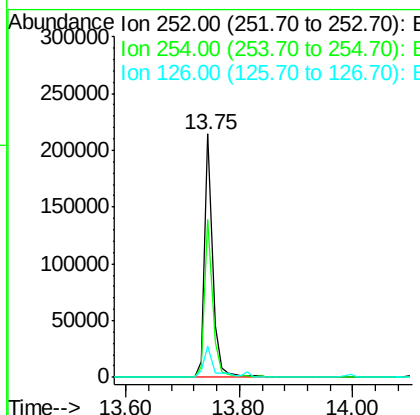
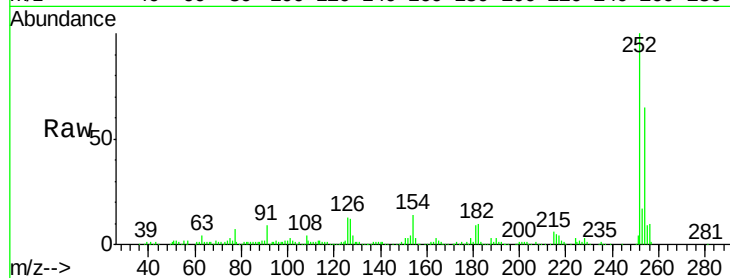
#81
 3,3'-Dichlorobenzidine
 Concen: 17.21 ng
 RT: 13.75 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	206475		
254	64.6	52.0	78.0	
126	12.5	5.4	8.2	

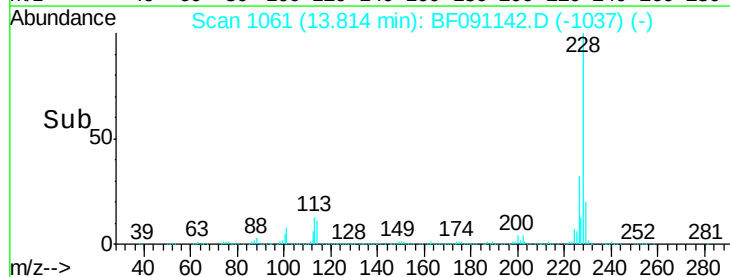
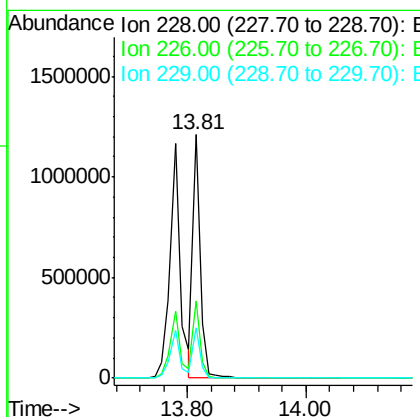
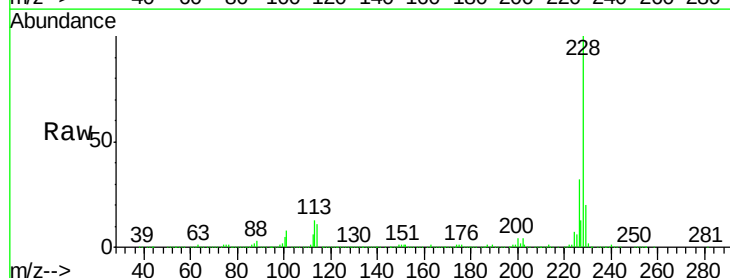
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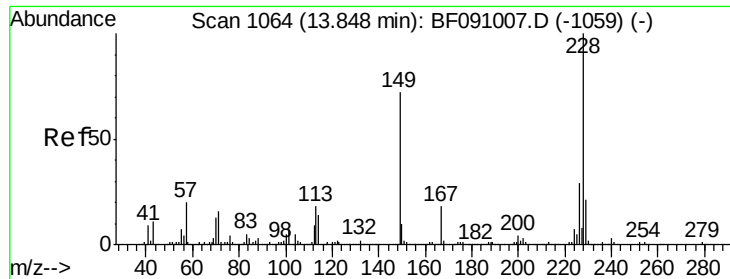
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#82
 Chrysene
 Concen: 31.53 ng
 RT: 13.81 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1061744		
226	31.9	24.9	37.3	
229	20.5	15.9	23.9	





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.88 ng

RT: 13.78 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

ClientSampleId :

PB94661BS

Tot Ion:149 Resp: 1016964

Ion Ratio Lower Upper

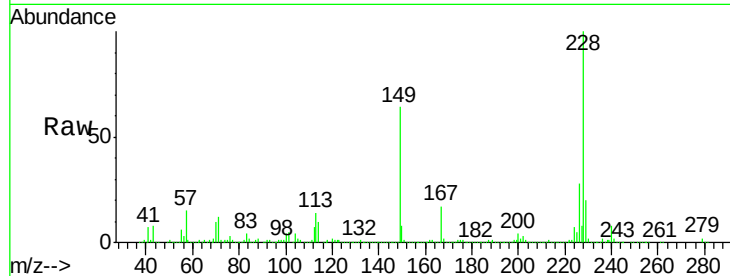
149 100

167 26.2 20.4 30.6

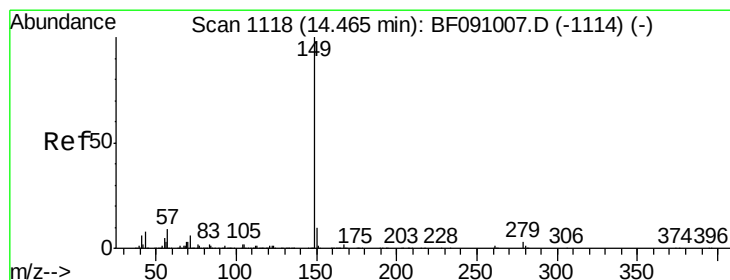
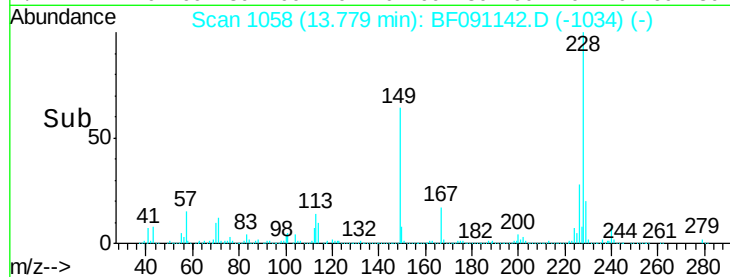
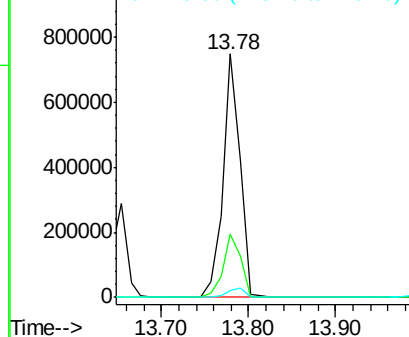
279 2.7 1.6 2.4#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.78 ng

RT: 14.40 min Scan# 1112

Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

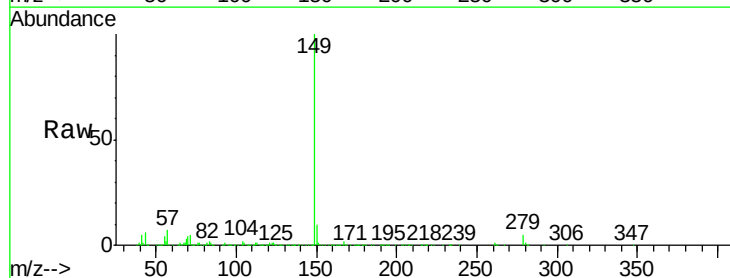
Tgt Ion:149 Resp: 1877724

Ion Ratio Lower Upper

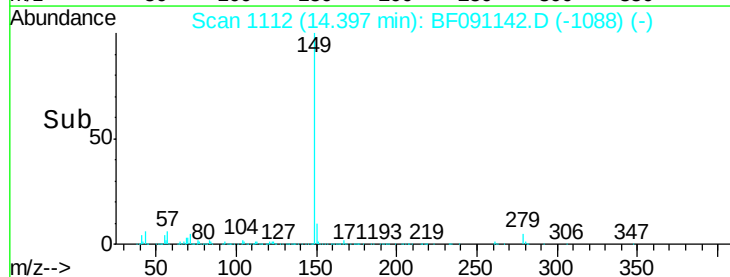
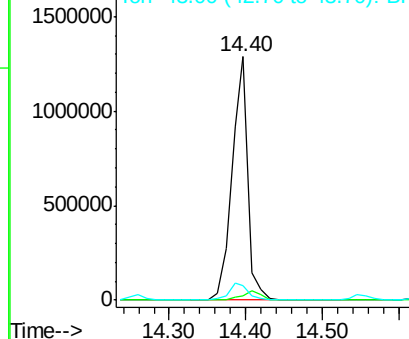
149 100

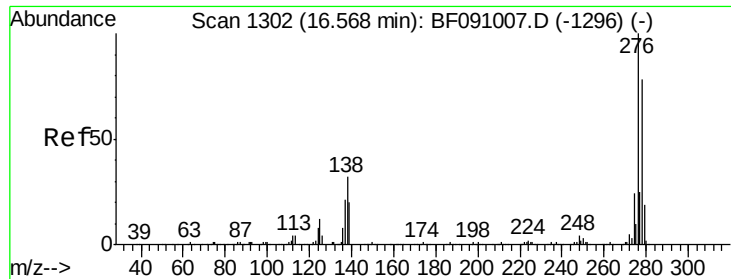
167 0.0 1.2 1.8#

43 8.1 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





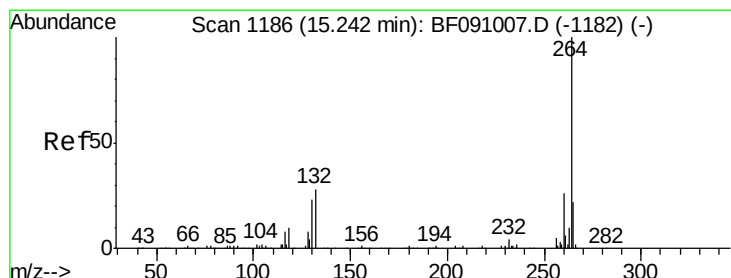
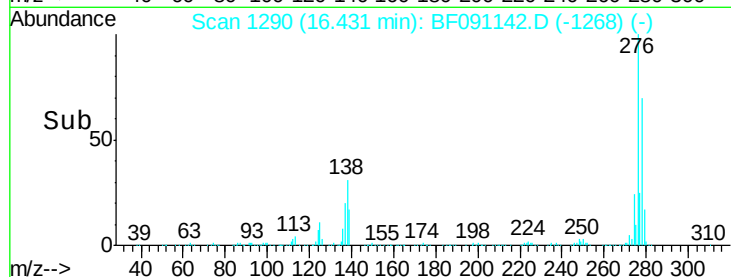
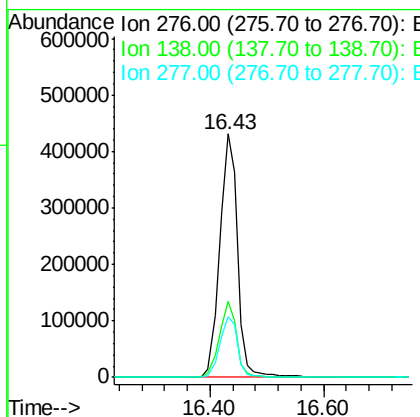
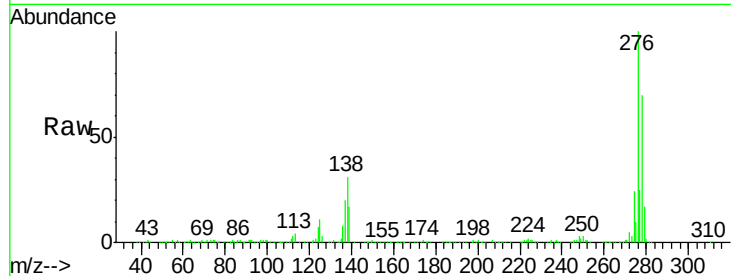
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.82 ng
 RT: 16.43 min Scan# 1290
 Delta R.T. -0.05 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.9	26.0	39.0
277	25.2	20.1	30.1

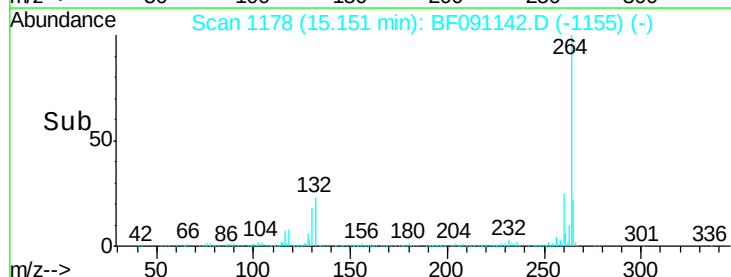
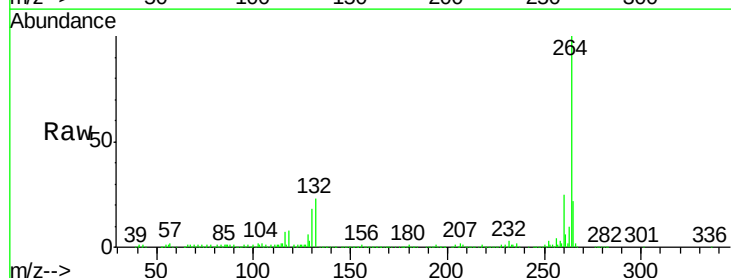
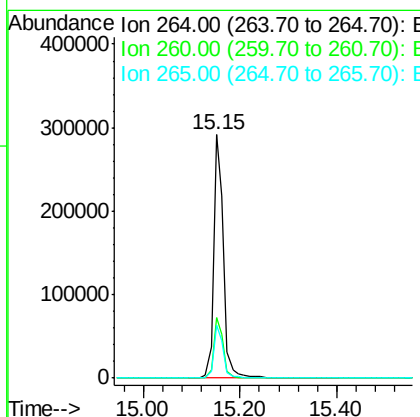
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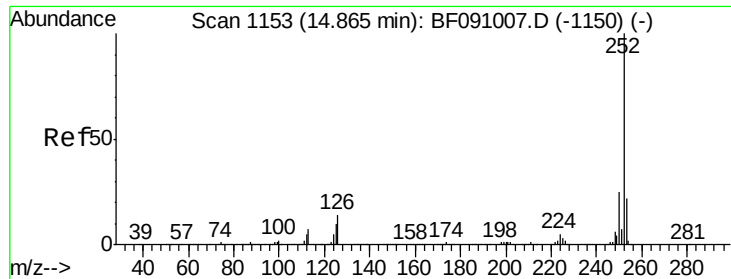
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1178
 Delta R.T. -0.03 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.6	30.8
265	21.9	17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 46.42 ng m

RT: 14.79 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Instrument :

BNA_F

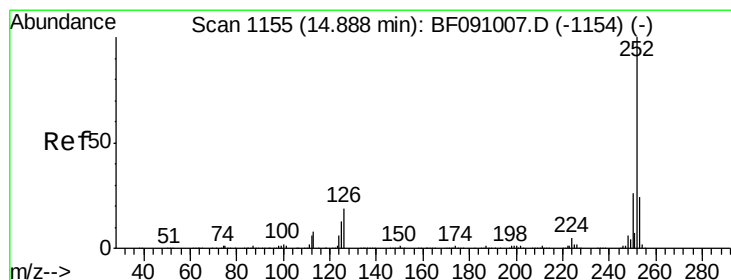
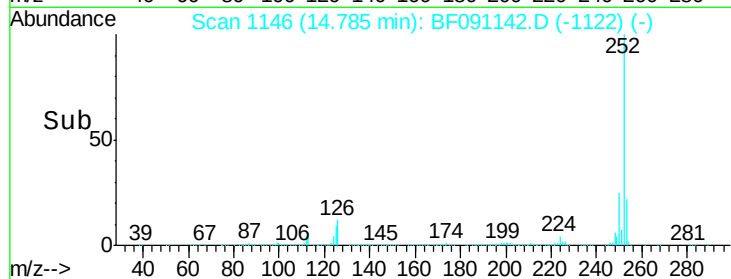
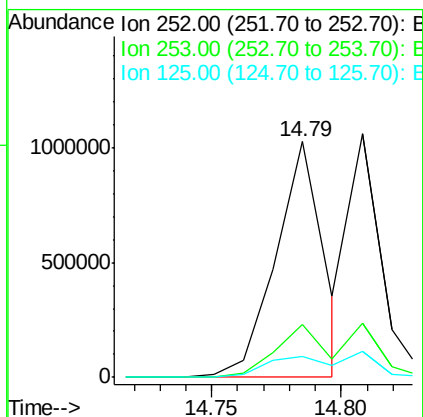
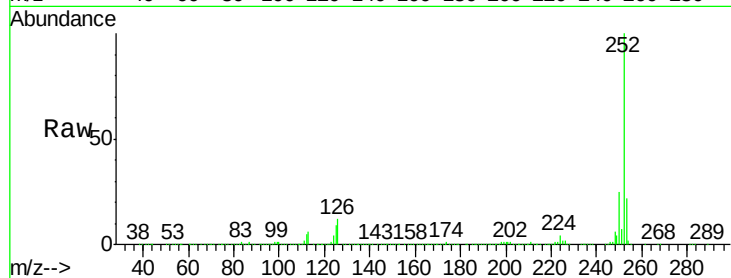
ClientSampleId :

PB94661BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.0	8.3	12.5

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#88

Benzo(k)fluoranthene

Concen: 36.82 ng m

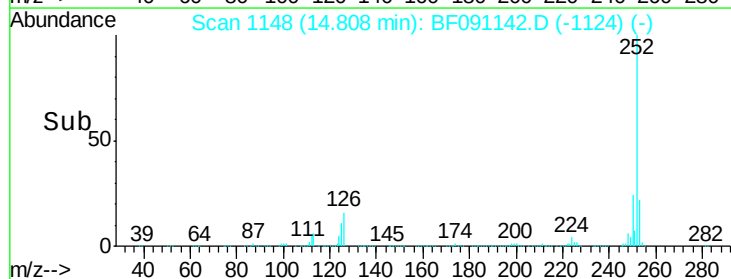
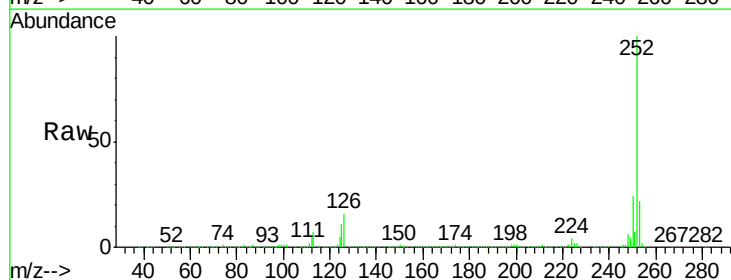
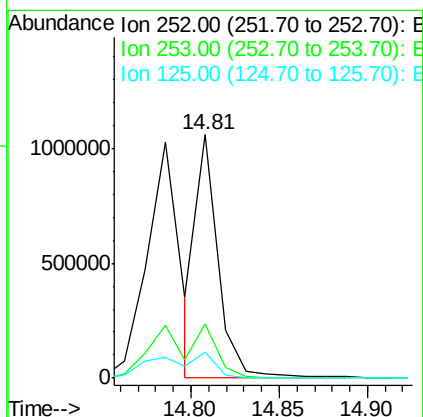
RT: 14.81 min Scan# 1148

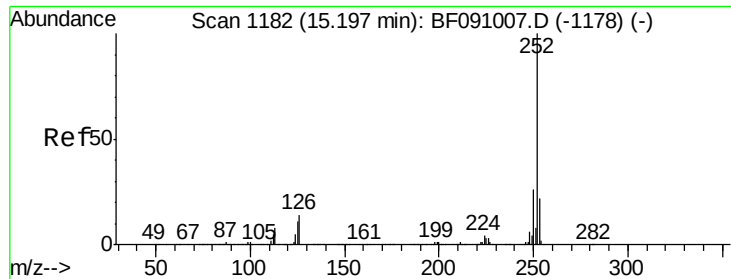
Delta R.T. -0.02 min

Lab File: BF091142.D

Acq: 11 Nov 2016 16:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	28.0
125	10.8	11.2	16.8





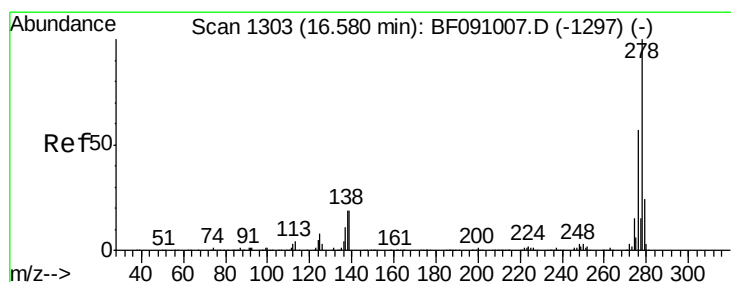
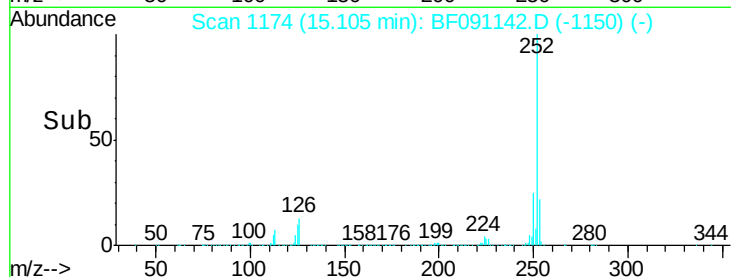
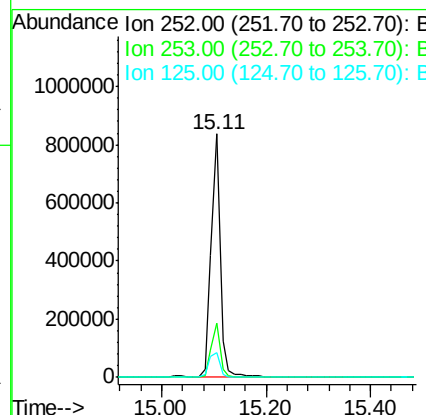
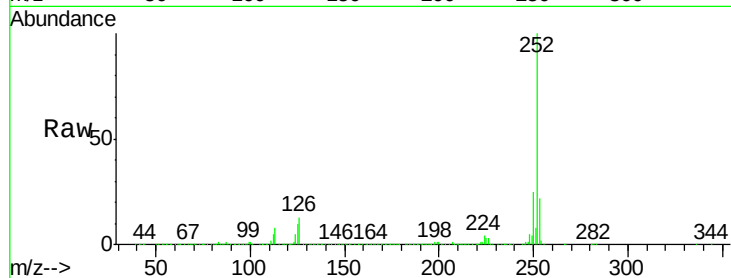
#89
Benzo(a)pyrene
Concen: 40.37 ng
RT: 15.11 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Instrument :
BNA_F
ClientSampled :
PB94661BS

Tot Ion:252 Resp: 1006056
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.1 8.6 13.0

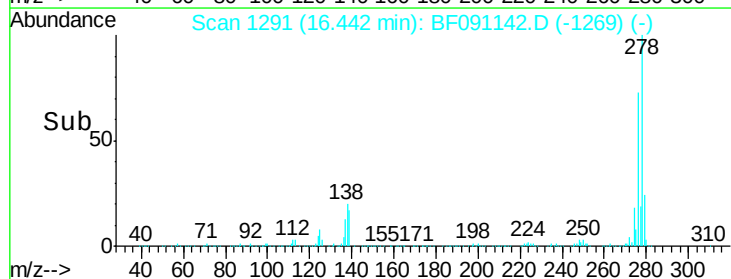
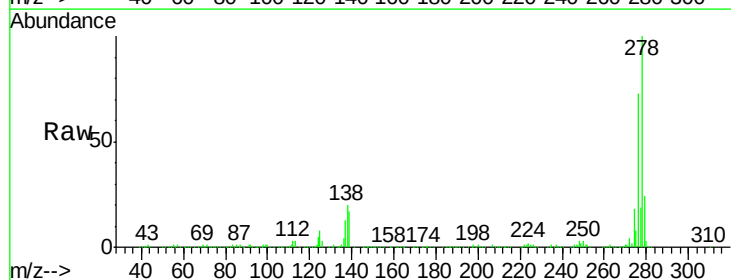
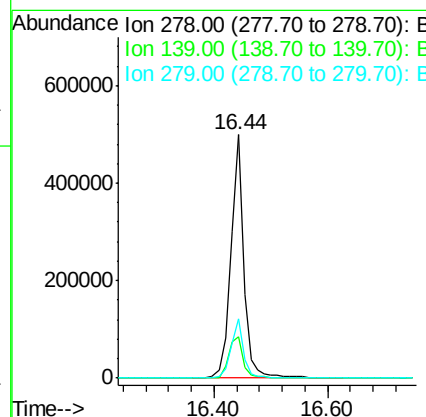
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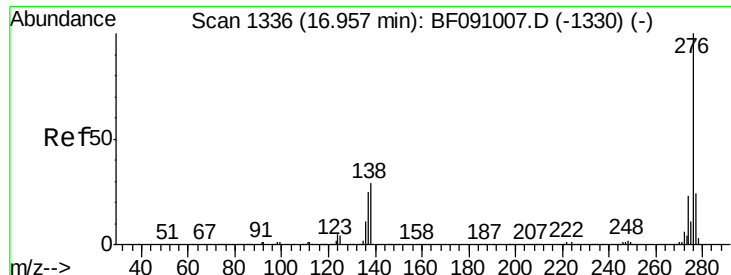
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#90
Dibenzo(a,h)anthracene
Concen: 37.22 ng
RT: 16.44 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF091142.D
Acq: 11 Nov 2016 16:10

Tgt Ion:278 Resp: 801947
Ion Ratio Lower Upper
278 100
139 17.2 15.3 22.9
279 24.5 19.3 28.9





#91
 Benzo(a,h,i)perylene
 Concen: 37.26 ng
 RT: 16.81 min Scan# 1323
 Delta R.T. -0.05 min
 Lab File: BF091142.D
 Acq: 11 Nov 2016 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB94661BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
726004	276	100			
	277	23.5		19.2	28.8
	138	27.7		23.3	34.9

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