

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
 Data File : BF091724.D
 Acq On : 18 Dec 2016 1:40
 Operator : UM/SJ
 Sample : PB95409BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

Manual Integrations
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umangi
 12/20/2016 11:40:53 AM

Quant Time: Dec 18 03:26:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	289911	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1183583	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	664850	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	1064941	20.00	ng	0.00
75) Chrysene-d12	13.93	240	760998	20.00	ng	0.00
86) Perylene-d12	15.33	264	817335	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	2582221	149.23	ng	0.01
7) Phenol-d6	6.42	99	2682232	127.10	ng	0.00
23) Nitrobenzene-d5	7.34	82	1929175	94.00	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	656946	116.53	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	3110904	94.00	ng	0.00
78) Terphenyl-d14	12.88	244	2758551	91.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	364462	42.77	ng	97
3) Pyridine	3.10	79	983147	35.81	ng	97
4) n-Nitrosodimethylamine	3.07	42	470201	44.26	ng	98
6) Aniline	6.44	93	483446	17.80	ng	# 49
8) 2-Chlorophenol	6.56	128	810000	42.53	ng	98
9) Benzaldehyde	6.30	77	131613	8.02	ng	86
10) Phenol	6.43	94	944137	39.69	ng	86
11) bis(2-Chloroethyl)ether	6.51	93	822831	43.31	ng	100
12) 1,3-Dichlorobenzene	6.70	146	847431m	40.51	ng	
13) 1,4-Dichlorobenzene	6.78	146	859018	40.59	ng	98
14) 1,2-Dichlorobenzene	6.94	146	837324	45.16	ng	96
15) Benzyl Alcohol	6.92	79	734445	44.95	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1269646	43.74	ng	99
17) 2-Methylphenol	7.04	107	724738	45.53	ng	98
18) Hexachloroethane	7.29	117	345948	43.99	ng	92
19) n-Nitroso-di-n-propylamine	7.20	70	613111	43.68	ng	96
20) 3+4-Methylphenols	7.20	107	884429	49.81	ng	# 83
22) Acetophenone	7.18	105	1207351	42.25	ng	# 99
24) Nitrobenzene	7.36	77	920387	41.76	ng	97
25) Isophorone	7.60	82	1820633	46.49	ng	96
26) 2-Nitrophenol	7.68	139	516786	48.61	ng	91
27) 2,4-Dimethylphenol	7.72	122	856965	49.41	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	1134312	49.51	ng	99
29) 2,4-Dichlorophenol	7.92	162	715243	44.71	ng	89
30) 1,2,4-Trichlorobenzene	8.00	180	753066	43.44	ng	# 95
31) Naphthalene	8.08	128	2339119	41.37	ng	100
32) Benzoic acid	7.86	122	607055	49.11	ng	97
33) 4-Chloroaniline	8.13	127	281590	11.82	ng	94
34) Hexachlorobutadiene	8.20	225	432690	44.39	ng	99
35) Caprolactam	8.51	113	278115m	54.03	ng	
36) 4-Chloro-3-methylphenol	8.62	107	835454	47.34	ng	99
37) 2-Methylnaphthalene	8.77	142	1731897	48.58	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	666592	40.23	ng	99
40) Hexachlorocyclopentadiene	8.92	237	771838	109.89	ng	96

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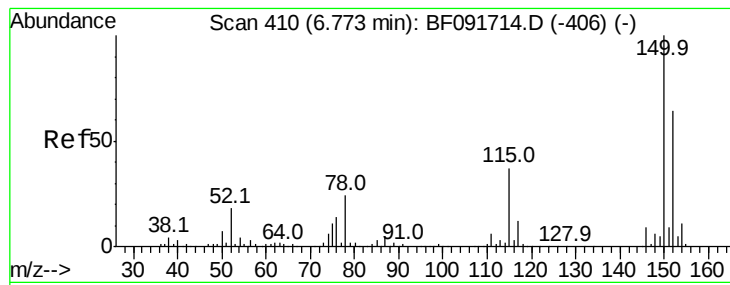
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	549000	46.37	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	534984	45.99	nq #	85
45) 1,1'-Biphenyl	9.24	154	2042853	42.87	nq	98
46) 2-Chloronaphthalene	9.26	162	1551768	43.57	nq	97
47) 2-Nitroaniline	9.36	65	516890	42.51	nq	99
48) Acenaphthylene	9.68	152	2470465	44.77	nq	100
49) Dimethylphthalate	9.55	163	1973507	45.44	nq	100
50) 2,6-Dinitrotoluene	9.61	165	475077	49.89	nq #	86
51) Acenaphthene	9.85	154	1678337	44.32	nq	99
52) 3-Nitroaniline	9.77	138	215564	18.18	nq	90
53) 2,4-Dinitrophenol	9.88	184	522418	101.56	nq #	78
54) Dibenzofuran	10.02	168	2124235	47.17	nq	100
55) 4-Nitrophenol	9.95	139	728604	88.50	nq	96
56) 2,4-Dinitrotoluene	10.01	165	560795	47.15	nq	96
57) Fluorene	10.36	166	1674144	47.86	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	415443	43.20	nq	99
59) Diethylphthalate	10.25	149	1927241	45.14	nq	96
60) 4-Chlorophenyl-phenylether	10.35	204	671849	42.17	nq	99
61) 4-Nitroaniline	10.38	138	407543	36.28	nq	99
62) Azobenzene	10.51	77	2026087	44.61	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	354029	50.40	nq	95
65) n-Nitrosodiphenylamine	10.48	169	1532838	46.35	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	507562	45.45	nq	97
67) Hexachlorobenzene	10.91	284	541831	46.30	nq #	90
68) Atrazine	11.00	200	505607	50.59	nq	98
69) Pentachlorophenol	11.10	266	562884	89.14	nq	98
70) Phenanthrene	11.32	178	2580904m	48.50	nq	
71) Anthracene	11.37	178	2308929m	40.97	nq	
72) Carbazole	11.53	167	2358259	47.85	nq	99
73) Di-n-butylphthalate	11.86	149	2582600	40.87	nq	100
74) Fluoranthene	12.50	202	2271797	40.88	nq	100
76) Benzidine	12.62	184	524073	23.92	nq	97
77) Pyrene	12.73	202	2269981	41.30	nq	99
79) Butylbenzylphthalate	13.36	149	1217578	47.34	nq	97
80) Benzo(a)anthracene	13.92	228	2002395	46.00	nq	100
81) 3,3'-Dichlorobenzidine	13.88	252	464935	26.69	nq	97
82) Chrysene	13.95	228	1923559	42.63	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1412961	43.31	nq	98
84) Di-n-octyl phthalate	14.53	149	2913497	48.46	nq	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	2104994	47.45	nq	99
87) Benzo(b)fluoranthene	14.93	252	2033819m	39.24	nq	
88) Benzo(k)fluoranthene	14.97	252	2022724m	55.62	nq	
89) Benzo(a)pyrene	15.28	252	1919421	43.15	nq	100
90) Dibenzo(a,h)anthracene	16.71	278	1689353	43.57	nq	99
91) Benzo(g,h,i)perylene	17.09	276	1731636	43.94	nq #	95

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



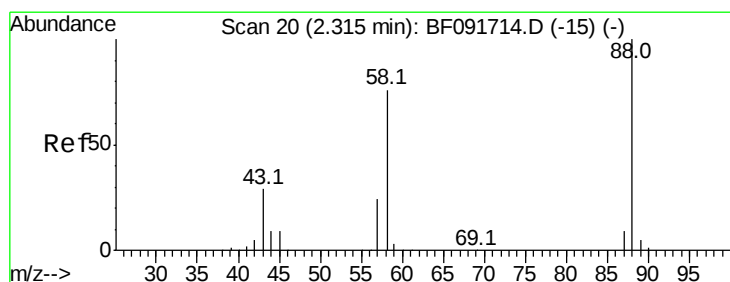
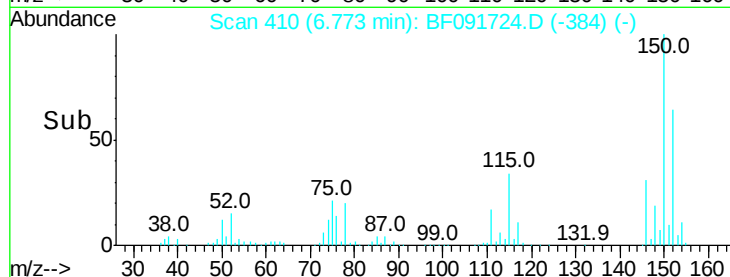
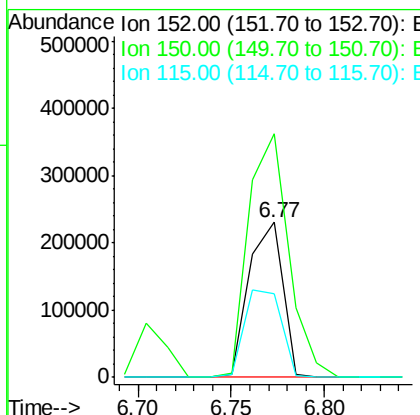
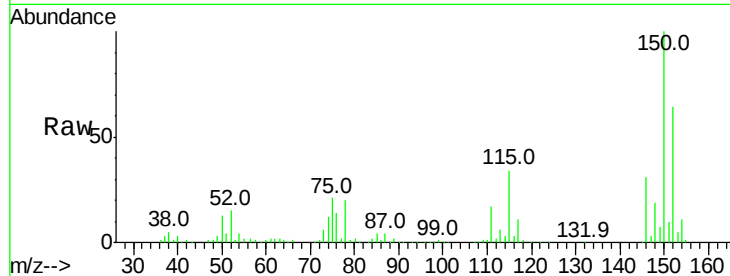
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.9	187.3
115	54.1	46.0	69.0

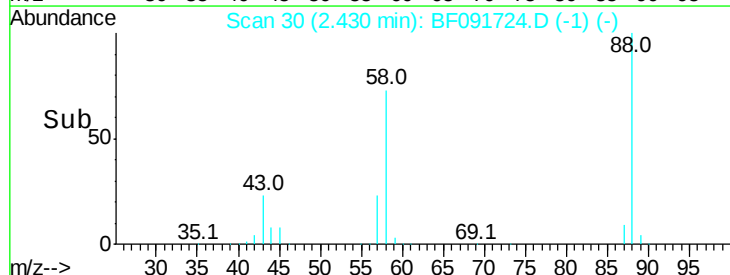
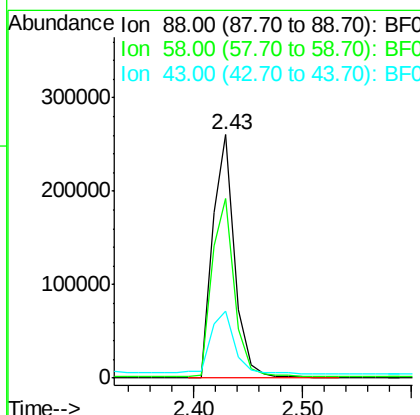
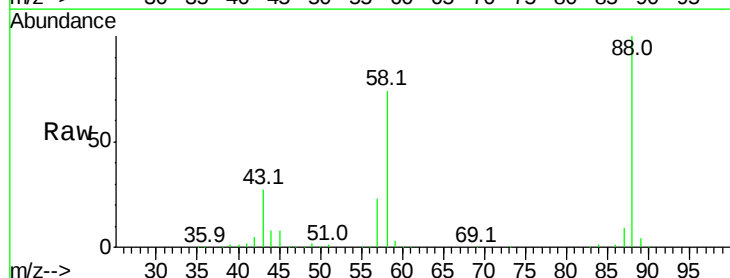
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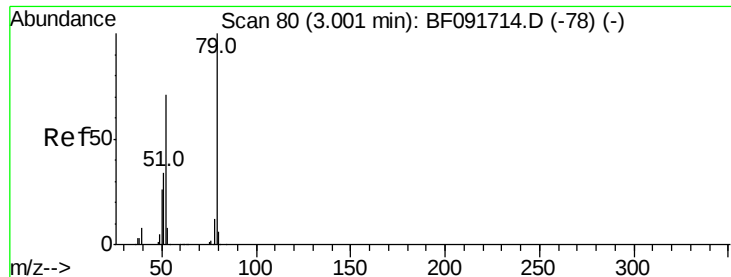
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#2
 1,4-Dioxane
 Concen: 42.77 ng
 RT: 2.43 min Scan# 30
 Delta R.T. 0.11 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.9	57.8	86.8
43	28.6	22.3	33.5





#3

Pvridine

Concen: 35.81 ng

RT: 3.10 min Scan# 89

Delta R.T. 0.10 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

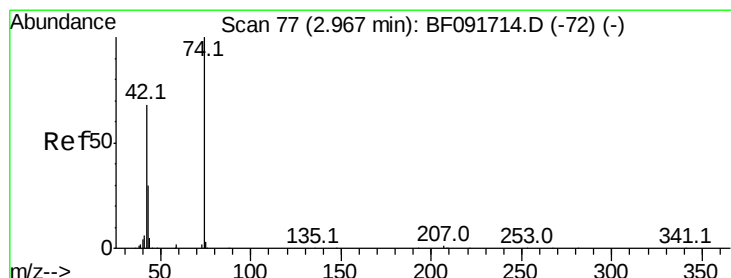
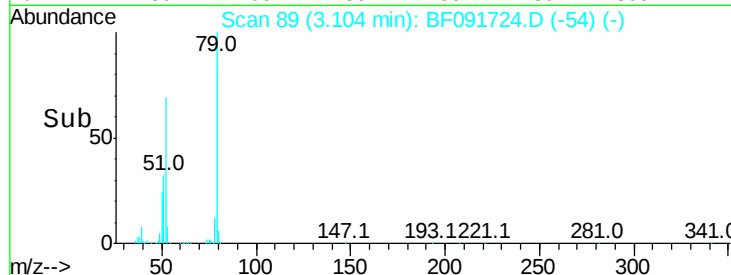
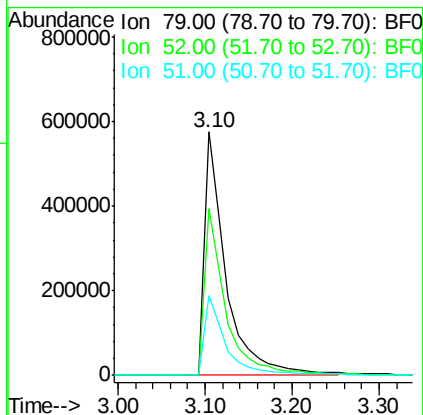
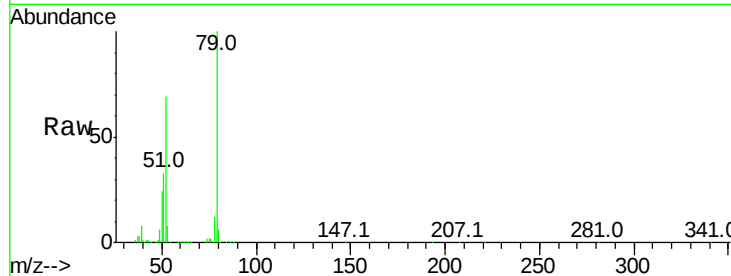
ClientSampleId :

PB95409BS

Tot Ion:	79	Resp:	983147
Ion Ratio	Lower	Upper	
79	100		
52	68.7	57.1	85.7
51	32.7	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 44.26 ng

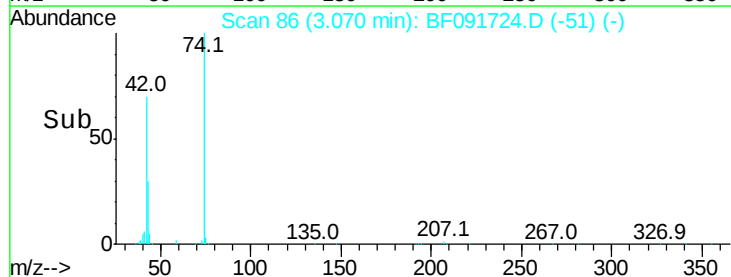
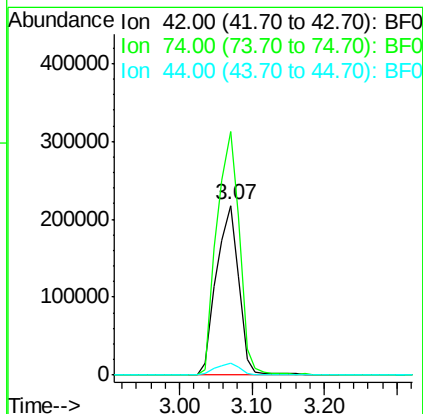
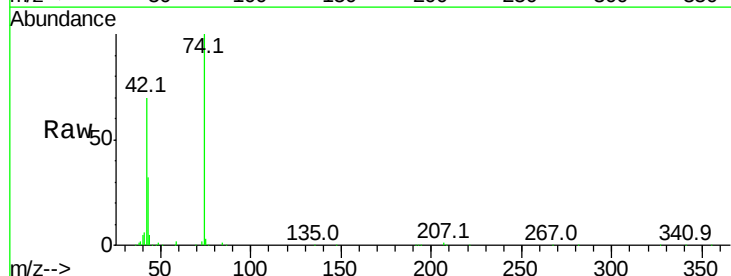
RT: 3.07 min Scan# 86

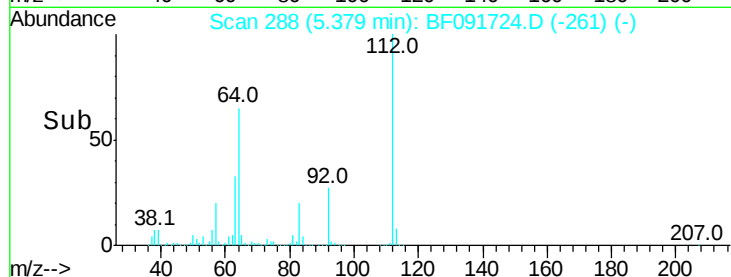
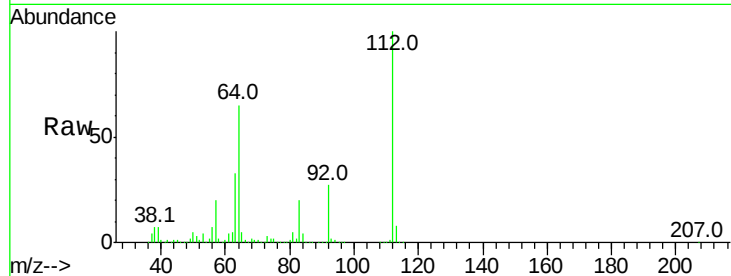
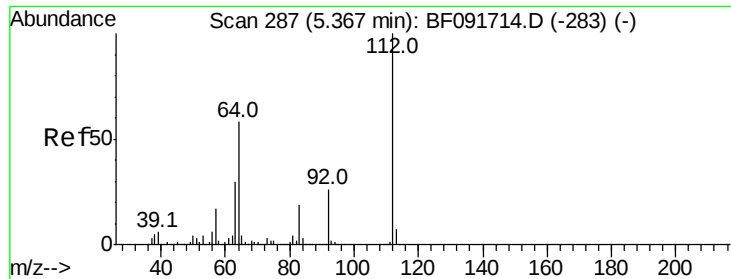
Delta R.T. 0.10 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Tgt Ion:	42	Resp:	470201
Ion Ratio	Lower	Upper	
42	100		
74	143.4	117.0	175.4
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 149.23 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Tot Ion:	112	Resp:	2582221
Ion	Ratio	Lower	Upper
112	100		
64	65.3	46.1	69.1
63	33.1	23.8	35.6

Instrument :

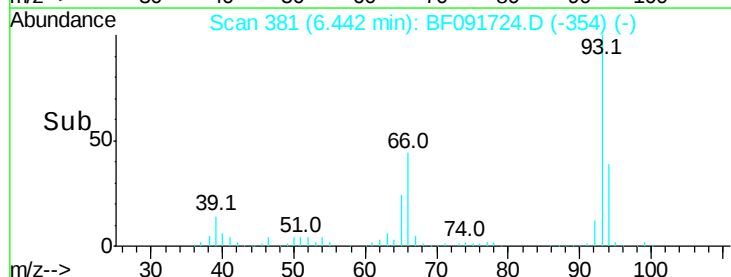
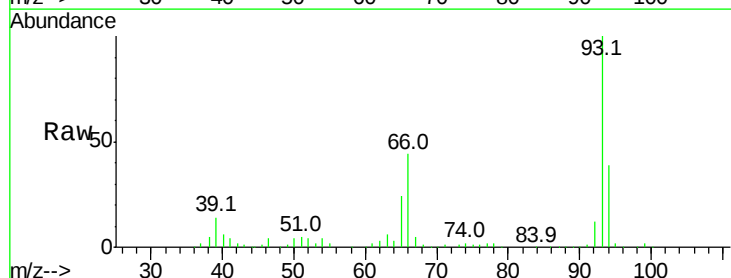
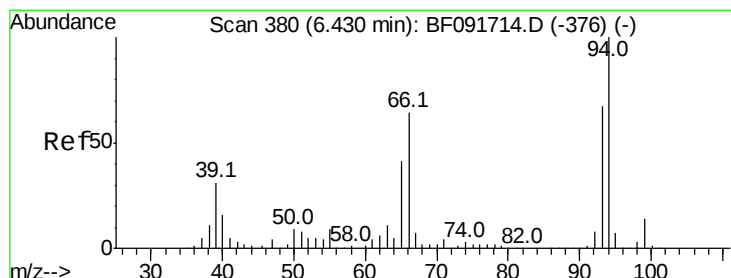
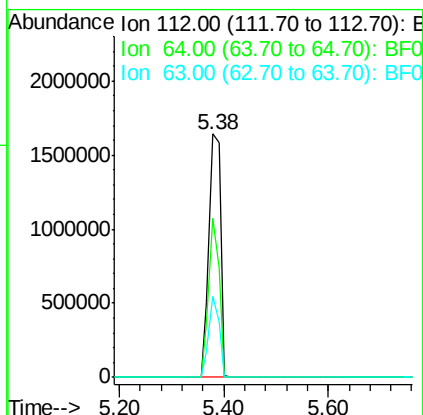
BNA_F

ClientSampleId :

PB95409BS

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#6

Aniline

Concen: 17.80 ng

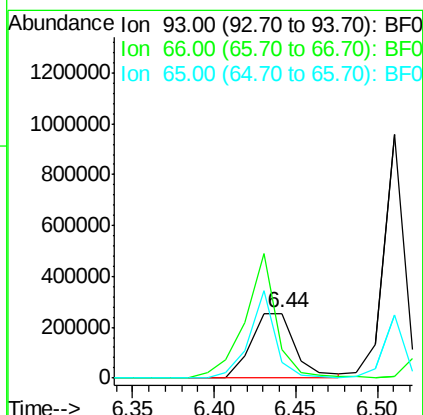
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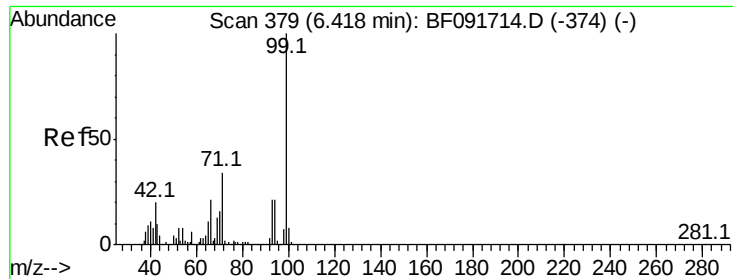
Delta R.T. 0.01 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Tgt Ion:	93	Resp:	483446
Ion	Ratio	Lower	Upper
93	100		
66	44.3	76.2	114.2#
65	24.3	49.3	73.9#





#7

Phenol-d6

Concen: 127.10 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

Tot Ion: 99 Resp: 2682232

Ion Ratio Lower Upper

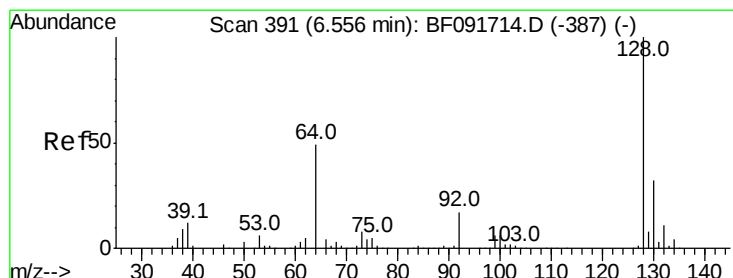
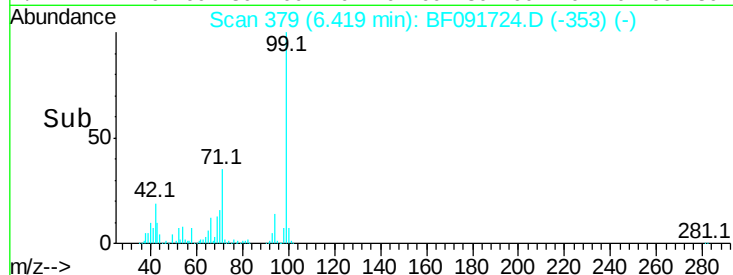
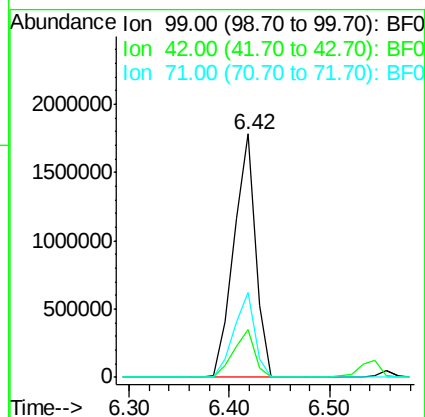
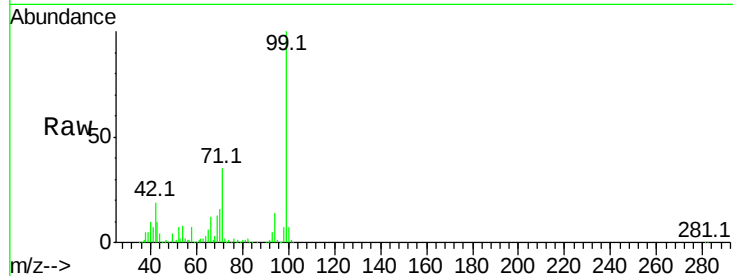
99 100

42 19.5 15.6 23.4

71 35.0 27.5 41.3

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#8

2-Chlorophenol

Concen: 42.53 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

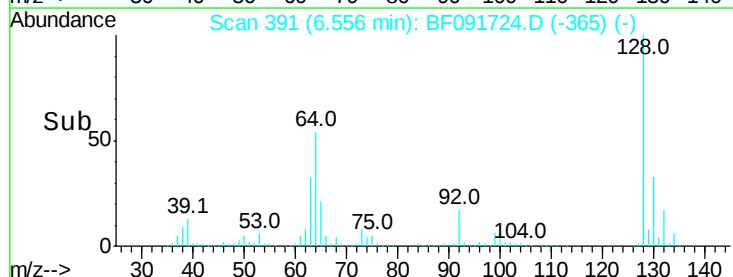
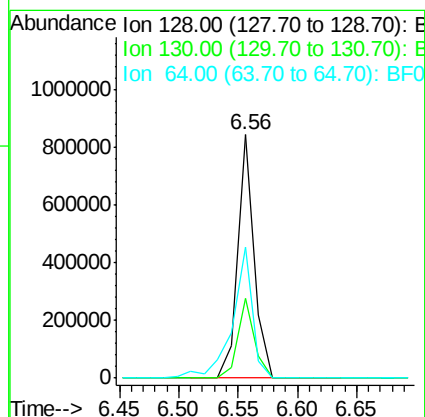
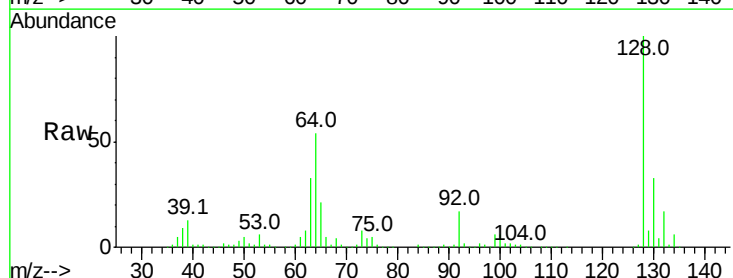
Tgt Ion: 128 Resp: 810000

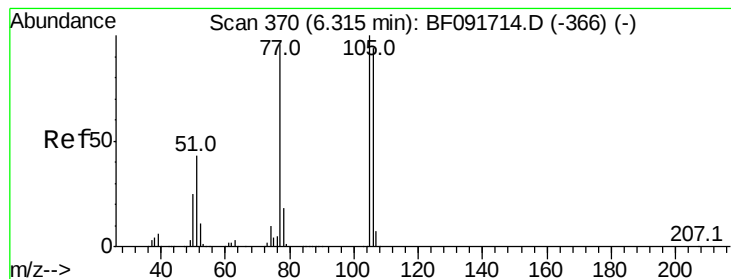
Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 53.8 32.2 72.2





#9

Benzaldehyde

Concen: 8.02 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

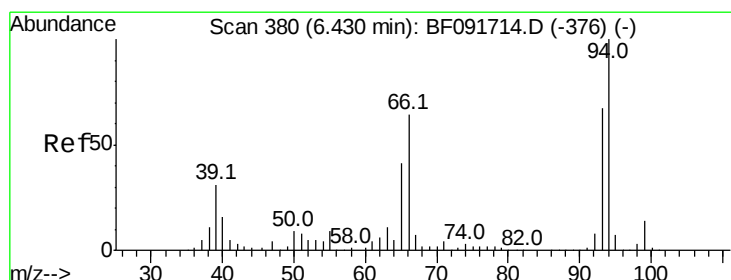
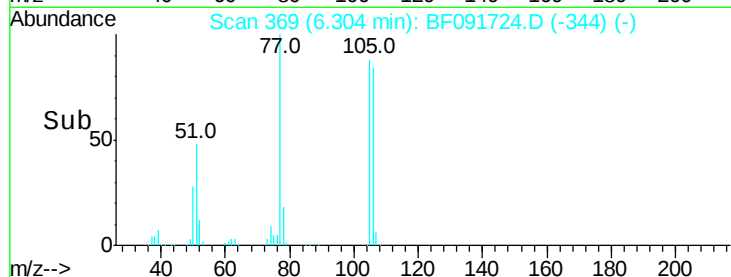
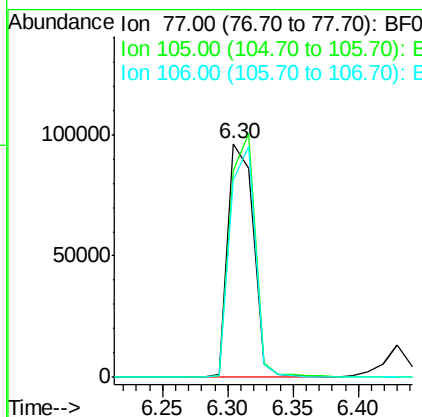
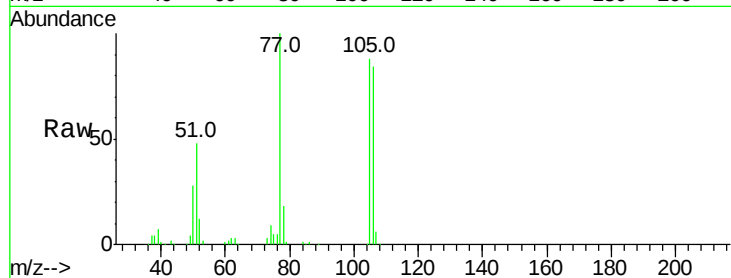
ClientSampled :

PB95409BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	88.3	83.9	123.9
106	84.3	77.6	117.6

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#10

Phenol

Concen: 39.69 ng

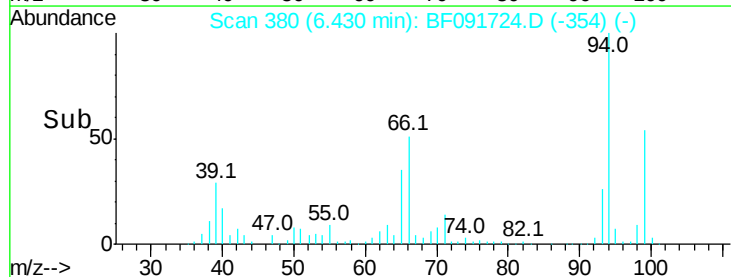
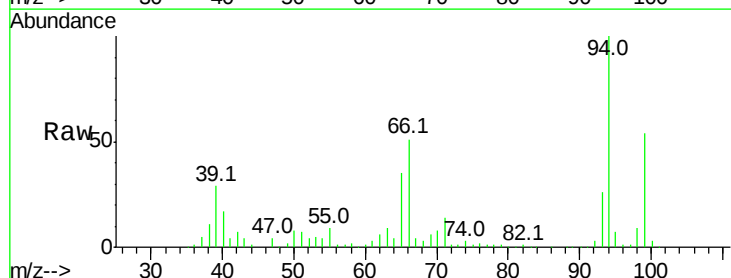
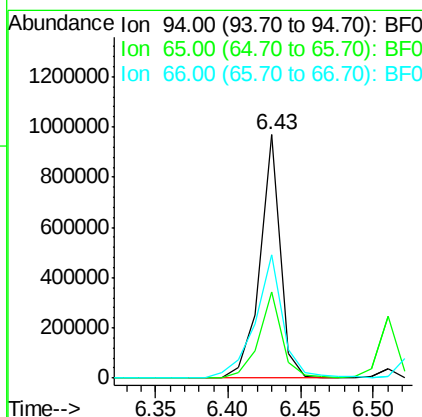
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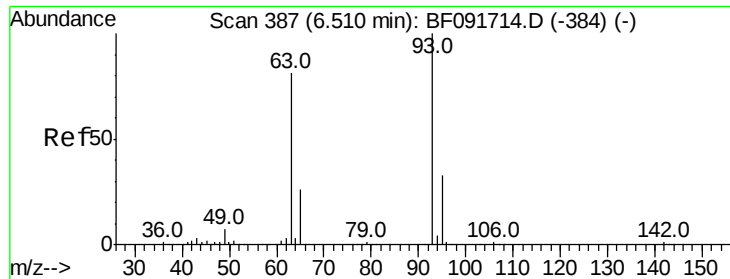
Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.5	21.4	61.4
66	50.7	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 43.31 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

Tot Ion: 93 Resp: 822831

Ion Ratio Lower Upper

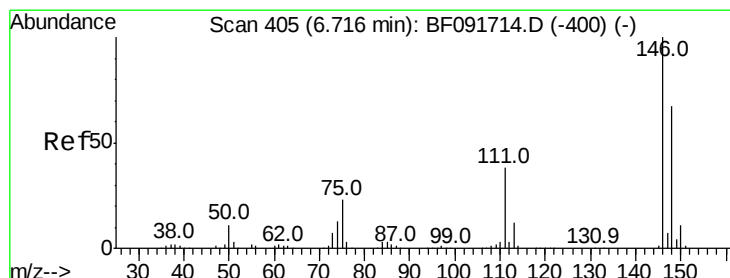
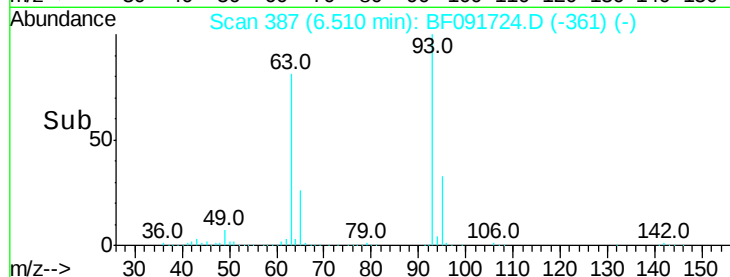
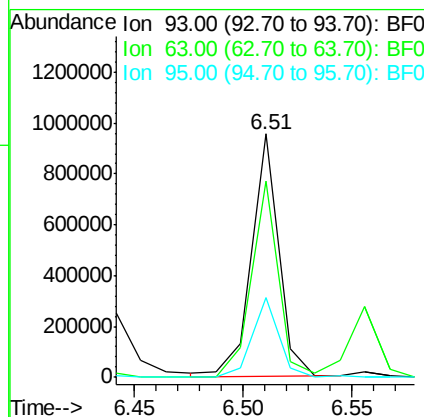
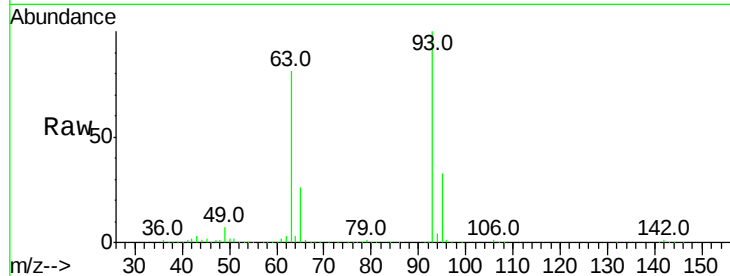
93 100

63 80.7 60.4 100.4

95 32.7 12.8 52.8

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#12

1,3-Dichlorobenzene

Concen: 40.51 ng m

RT: 6.70 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

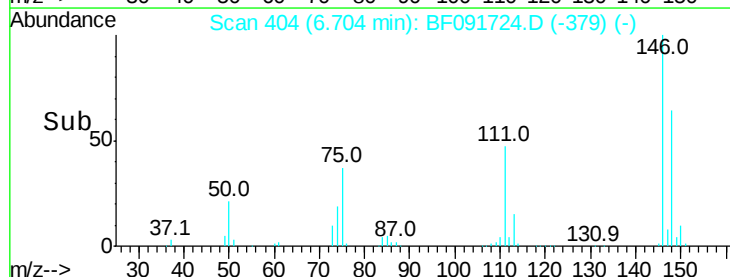
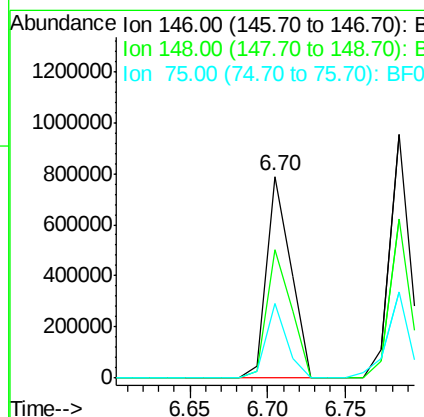
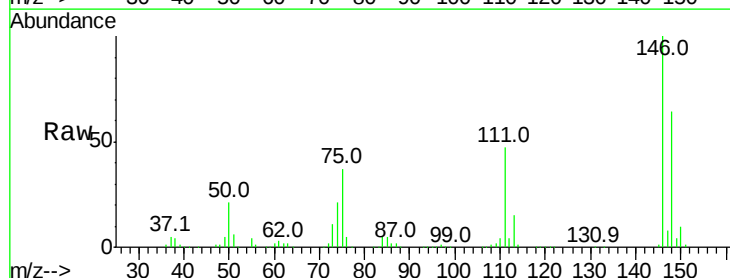
Tgt Ion: 146 Resp: 847431

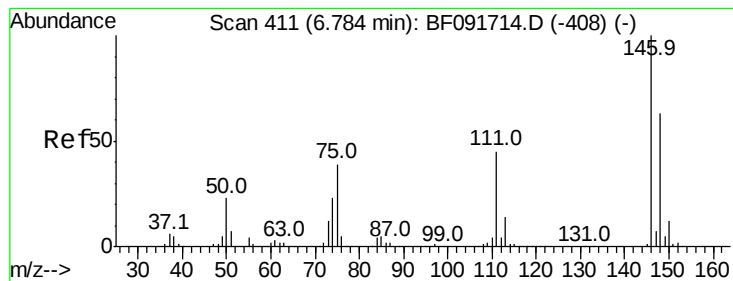
Ion Ratio Lower Upper

146 100

148 63.7 53.4 80.0

75 37.2 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 40.59 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

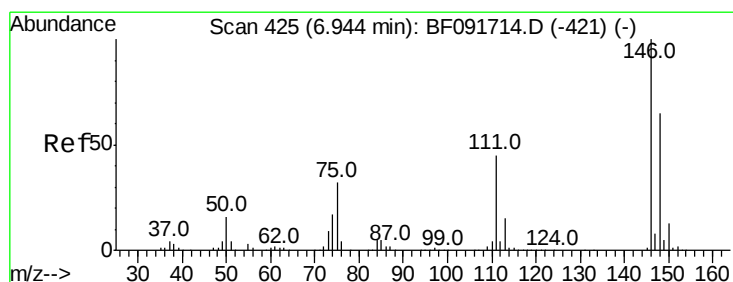
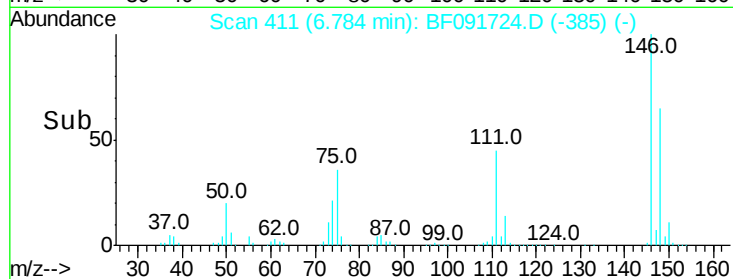
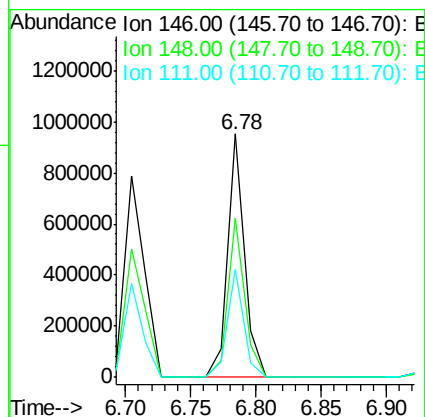
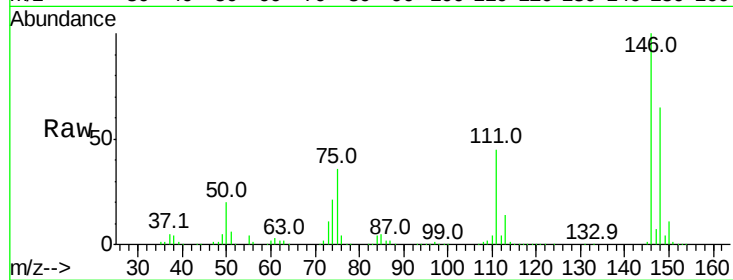
ClientSampled :

PB95409BS

Tot Ion:	146	Resp:	859018
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.6	76.0
111	44.5	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 45.16 ng

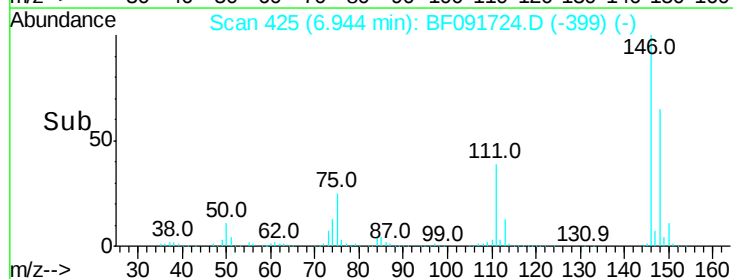
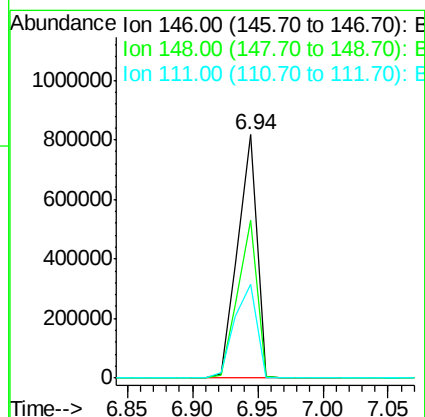
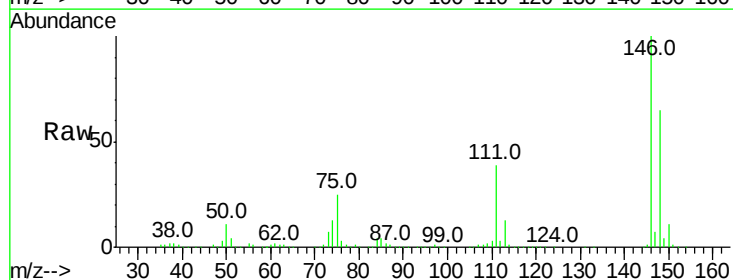
RT: 6.94 min Scan# 425

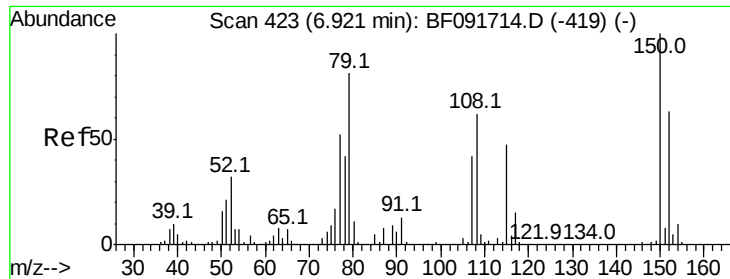
Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Tgt Ion:	146	Resp:	837324
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.2	78.2
111	38.8	36.2	54.2





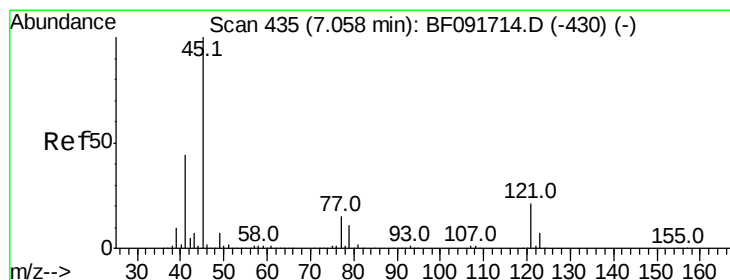
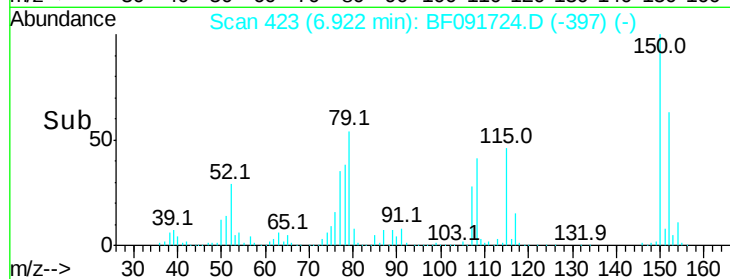
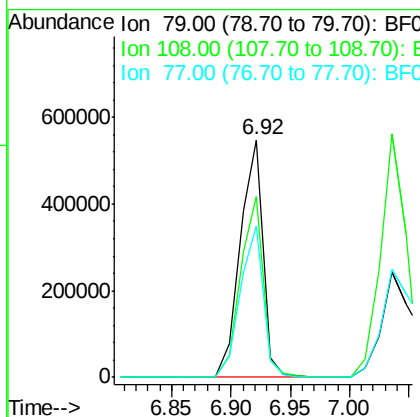
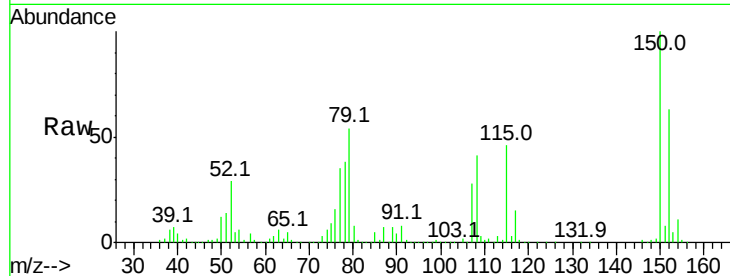
#15
Benzyl Alcohol
Concen: 44.95 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Instrument :
BNA_F
ClientSampled :
PB95409BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.0	61.4	92.0
77	63.7	50.9	76.3

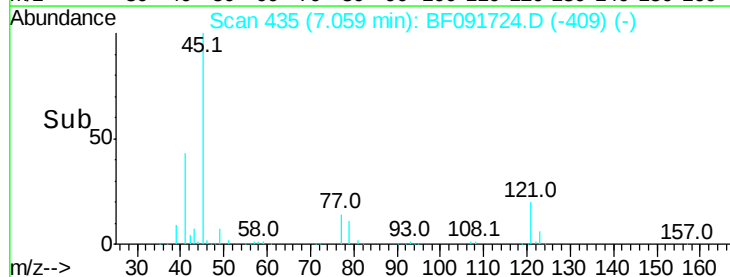
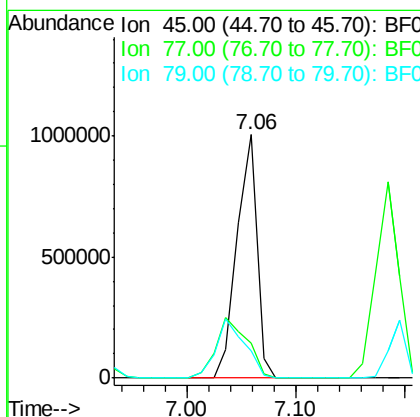
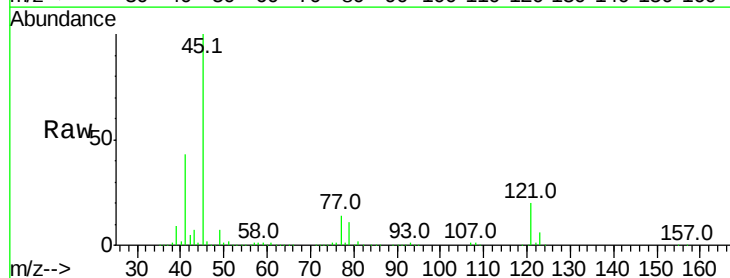
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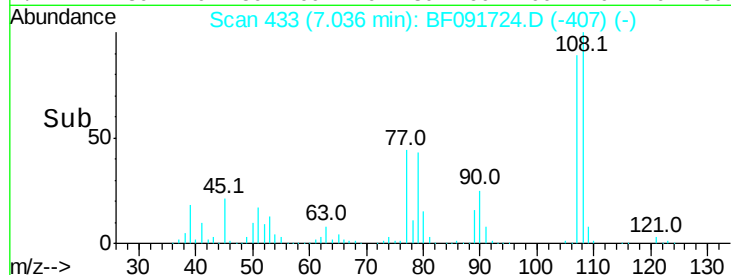
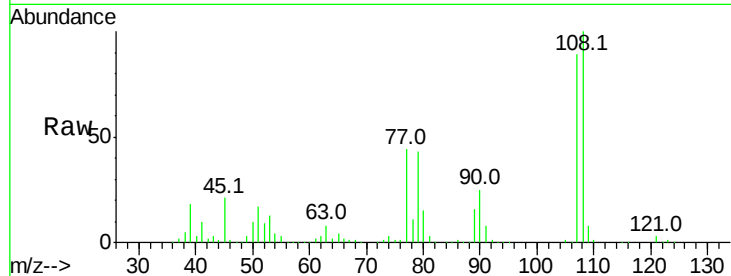
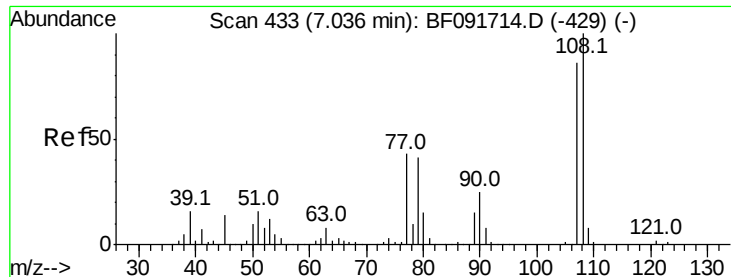
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.74 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	34.6
79	11.4	0.0	31.2





#17

2-Methylphenol

Concen: 45.53 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Tot Ion:	107	Resp:	724738
Ion Ratio	Lower	Upper	
107	100		
108	112.6	93.0	139.6
77	49.9	39.8	59.8
79	48.6	38.0	57.0

Instrument :

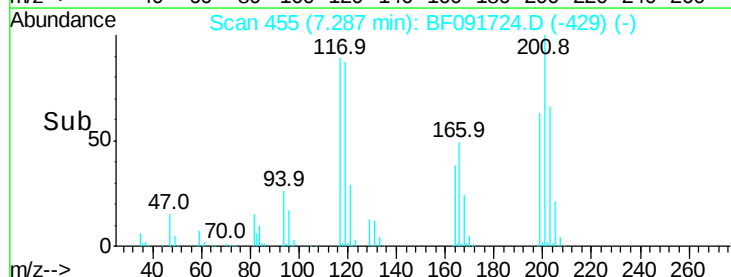
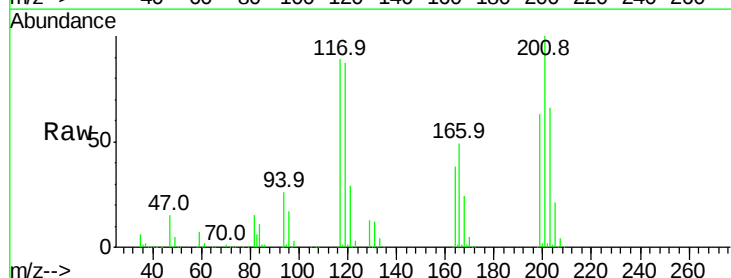
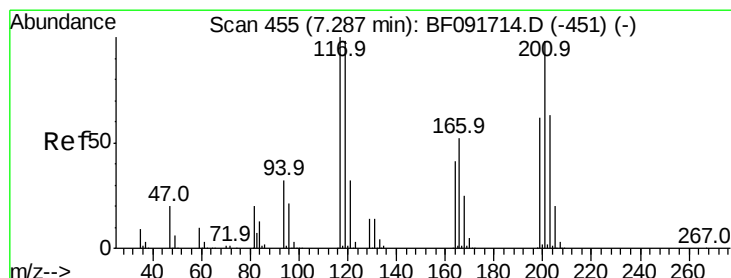
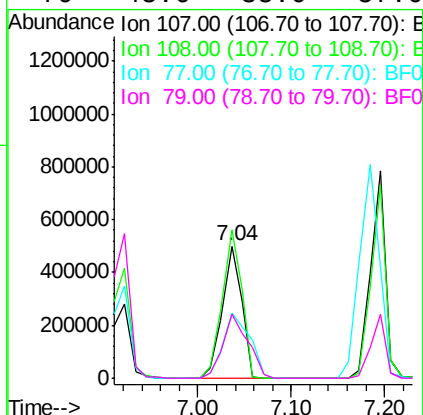
BNA_F

ClientSampleId :

PB95409BS

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#18

Hexachloroethane

Concen: 43.99 ng

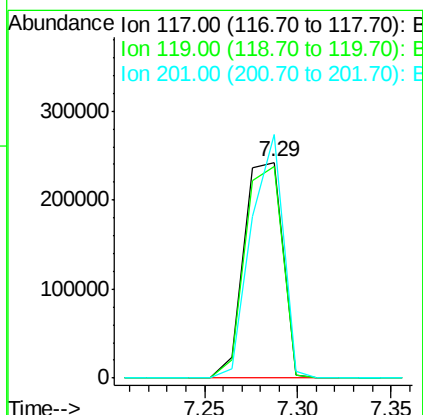
RT: 7.29 min Scan# 455

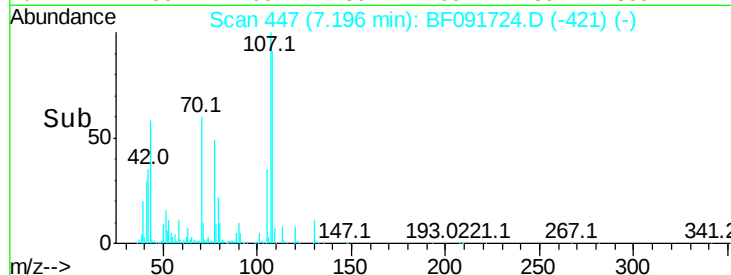
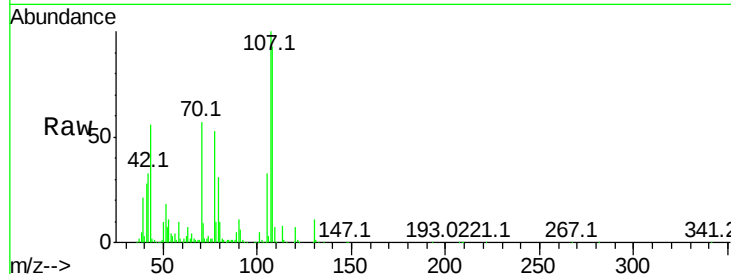
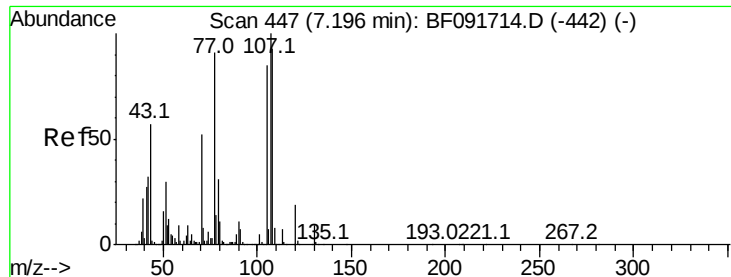
Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Tgt Ion:	117	Resp:	345948
Ion Ratio	Lower	Upper	
117	100		
119	98.2	78.1	117.1
201	112.9	78.6	117.8





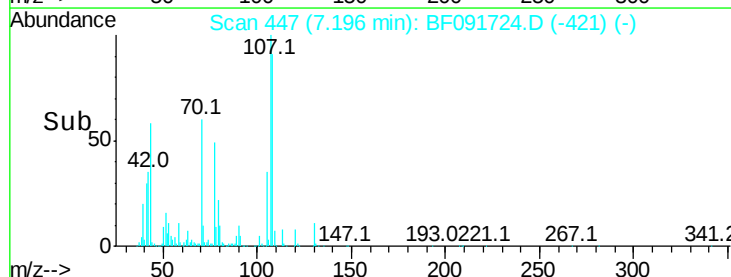
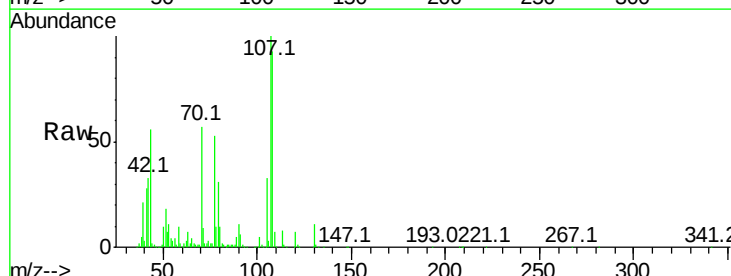
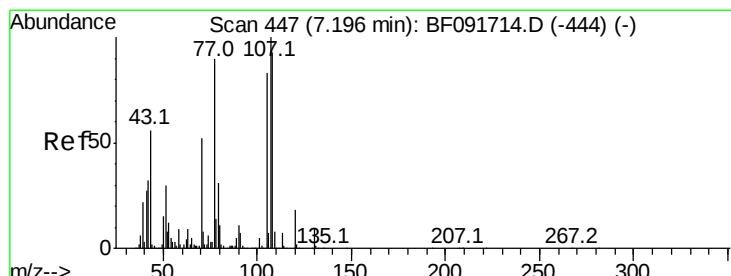
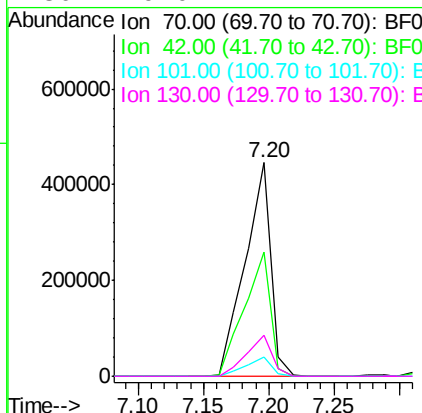
#19
n-Nitroso-di-n-propylamine
Concen: 43.68 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Instrument :
BNA_F
ClientSampleId :
PB95409BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	58.2	49.4	74.0		
101	9.1	7.4	11.2		
130	19.0	14.2	21.4		

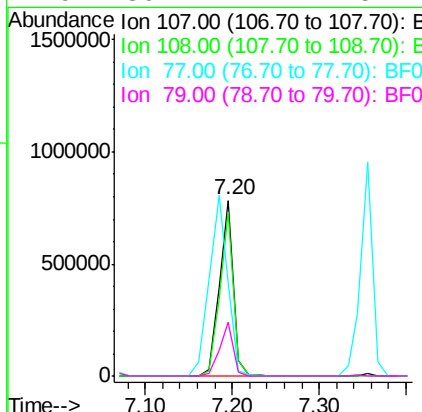
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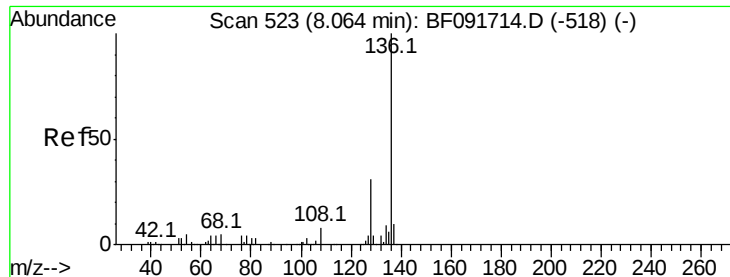
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#20
3+4-Methylphenols
Concen: 49.81 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.9	73.0	113.0		
77	53.4	71.3	111.3		
79	30.7	11.1	51.1		





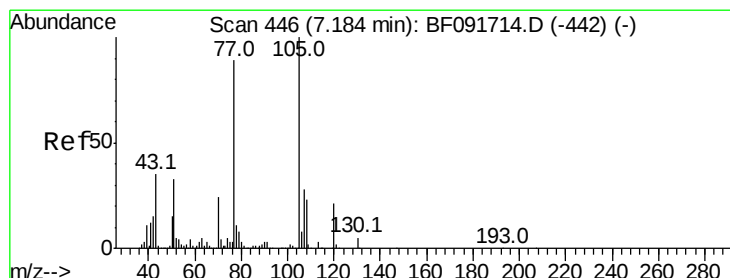
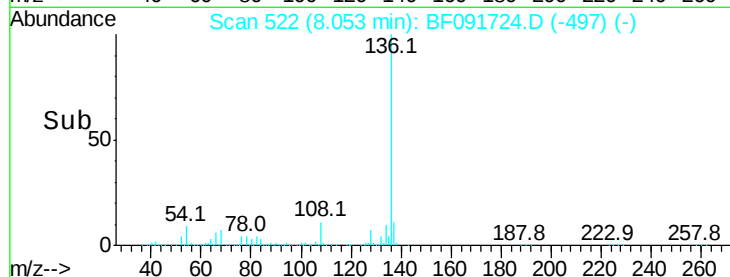
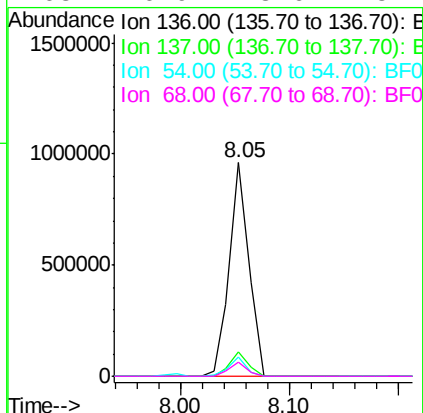
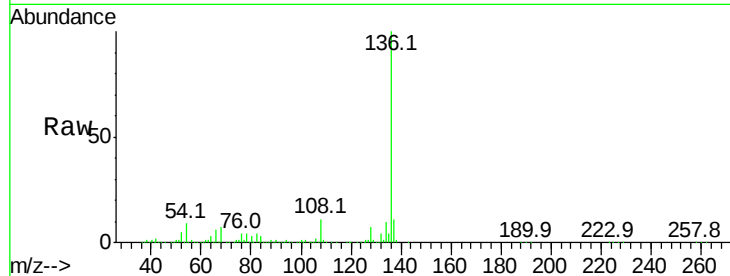
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Instrument :
BNA_F
ClientSampled :
PB95409BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	8.8	4.5	6.7#
68	6.9	3.6	5.4#

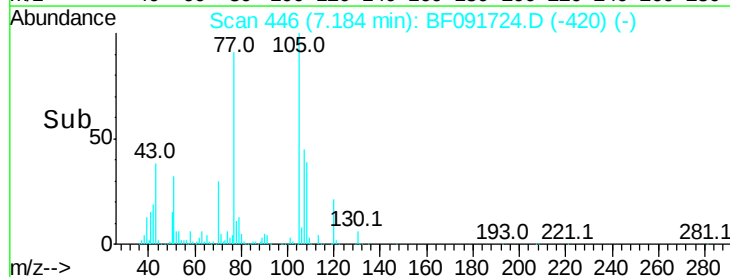
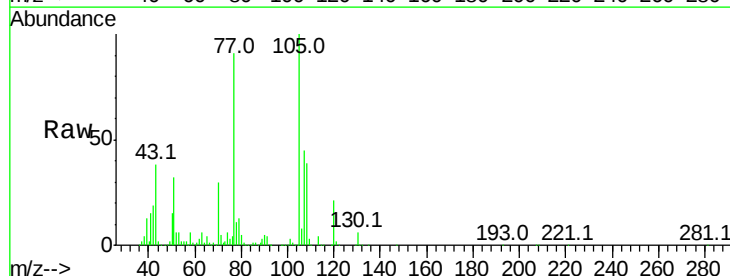
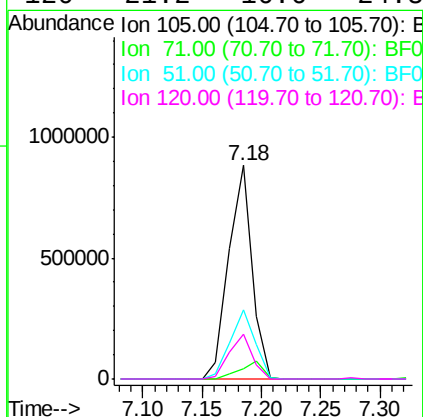
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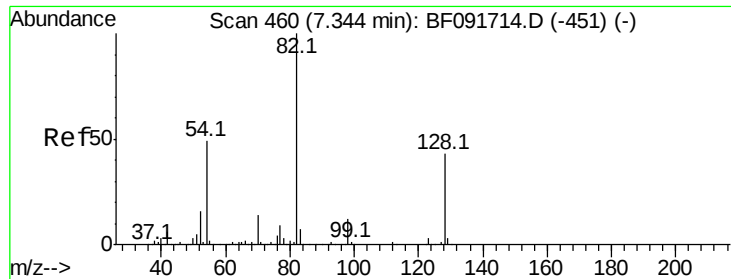
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#22
Acetophenone
Concen: 42.25 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.0	3.2	4.8#
51	32.3	26.2	39.4
120	21.2	16.6	24.8





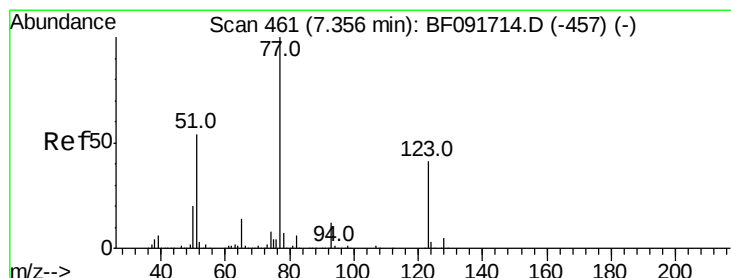
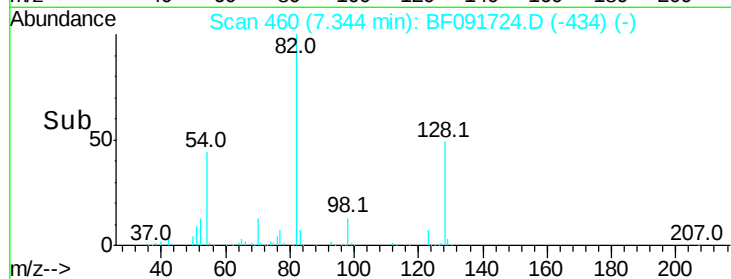
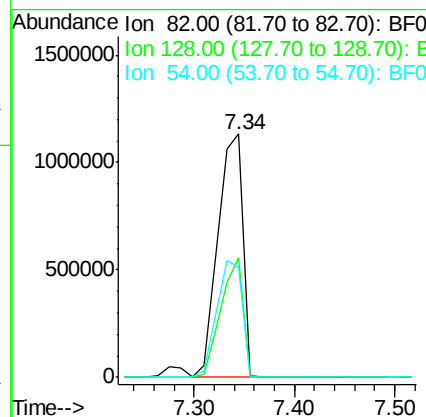
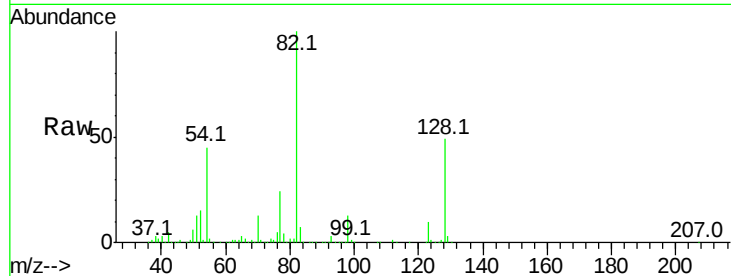
#23
 Nitrobenzene-d5
 Concen: 94.00 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Instrument :
 BNA_F
 ClientSampled :
 PB95409BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.0	34.6	52.0
54	45.1	39.5	59.3

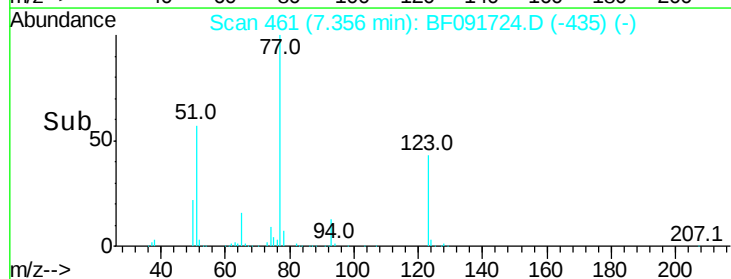
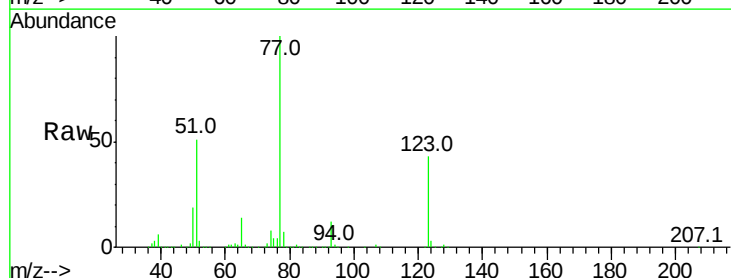
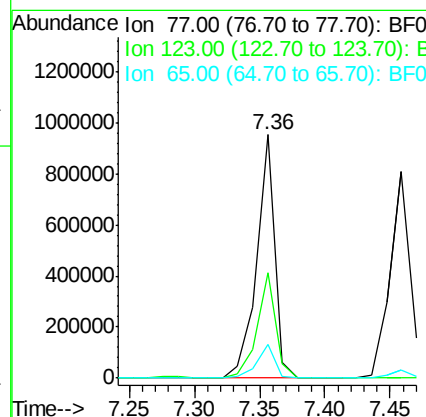
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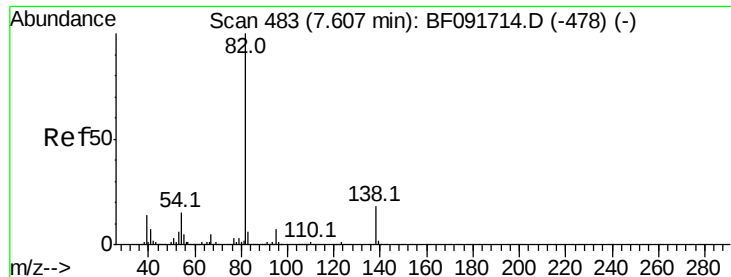
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#24
 Nitrobenzene
 Concen: 41.76 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	33.0	49.4
65	13.8	11.2	16.8





#25

Isophorone

Concen: 46.49 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

Tot Ion: 82 Resp: 1820633

Ion Ratio Lower Upper

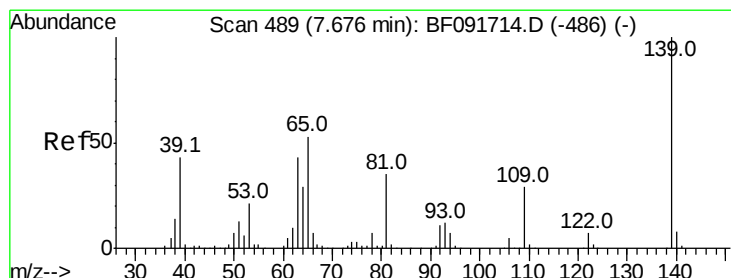
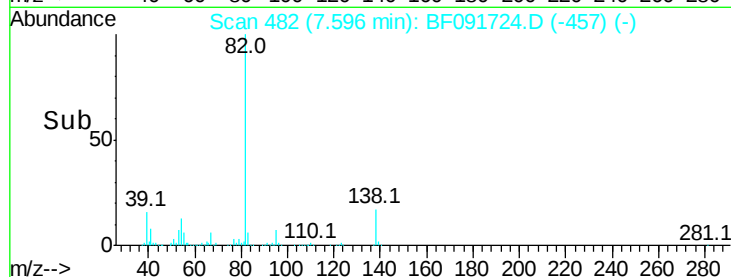
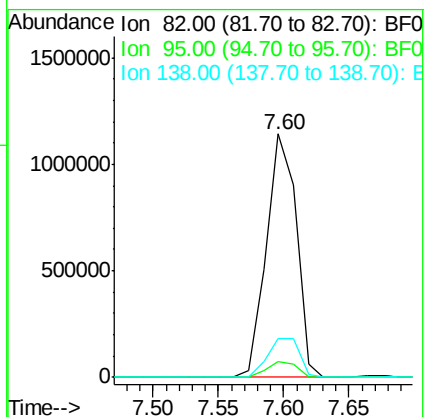
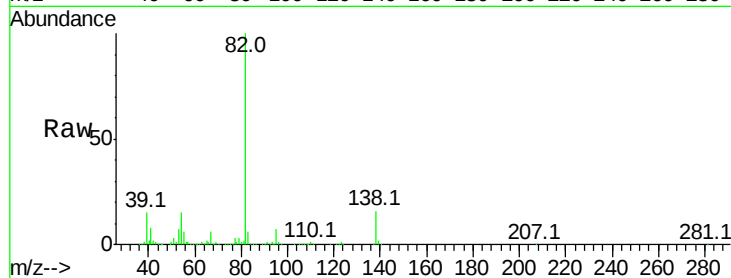
82 100

95 6.7 5.6 8.4

138 16.1 14.6 22.0

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#26

2-Nitrophenol

Concen: 48.61 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

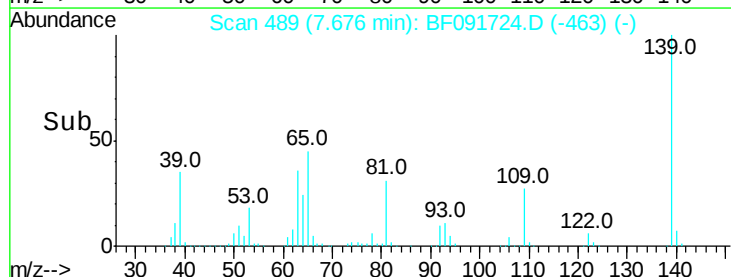
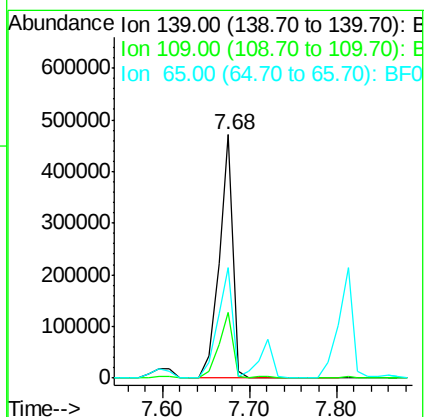
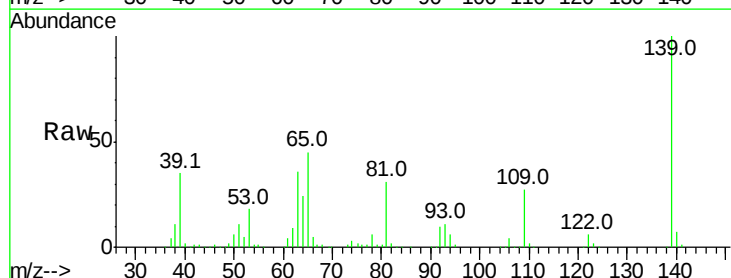
Tgt Ion: 139 Resp: 516786

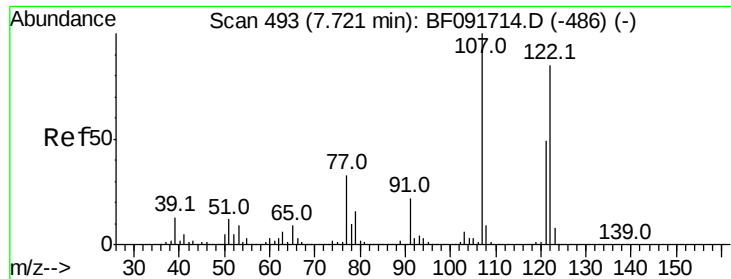
Ion Ratio Lower Upper

139 100

109 26.9 23.3 34.9

65 45.4 42.7 64.1





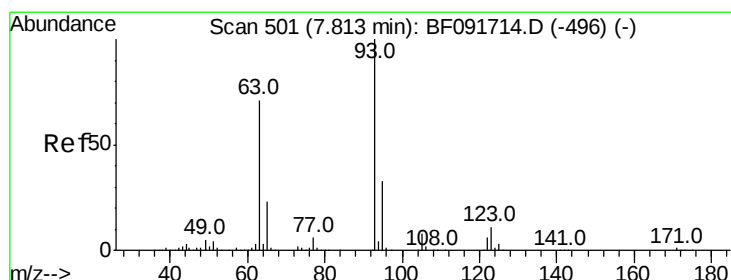
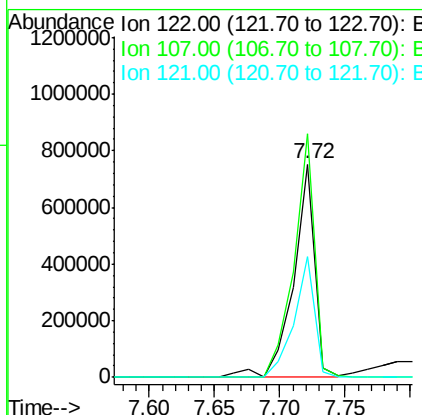
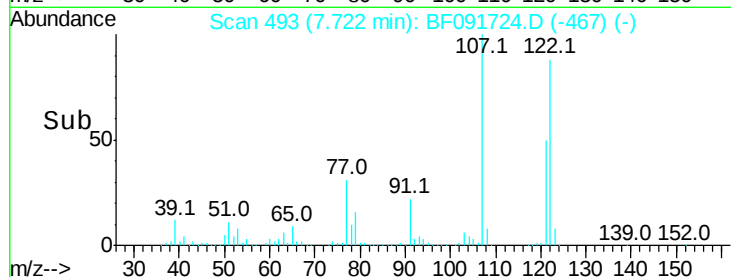
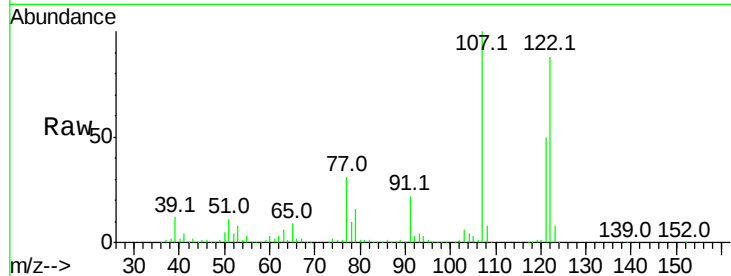
#27
 2,4-Dimethylphenol
 Concen: 49.41 ng
 RT: 7.72 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.2	94.1	141.1
121	56.9	46.0	69.0

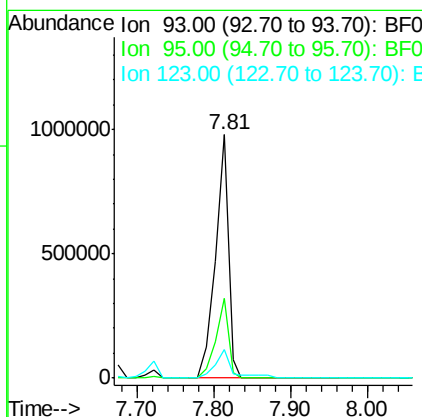
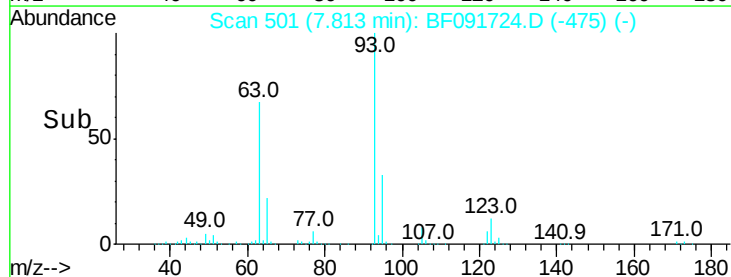
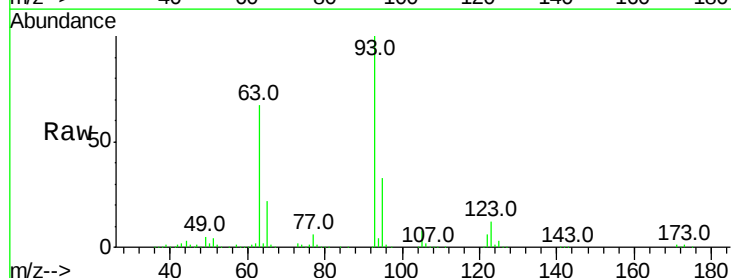
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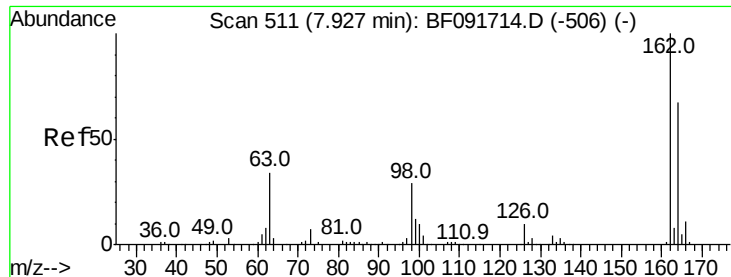
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#28
 bis(2-Chloroethoxy)methane
 Concen: 49.51 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	11.7	8.6	13.0





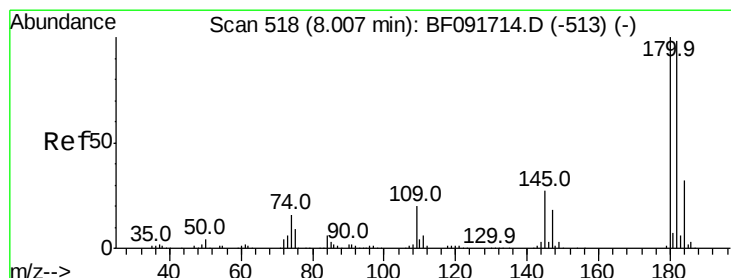
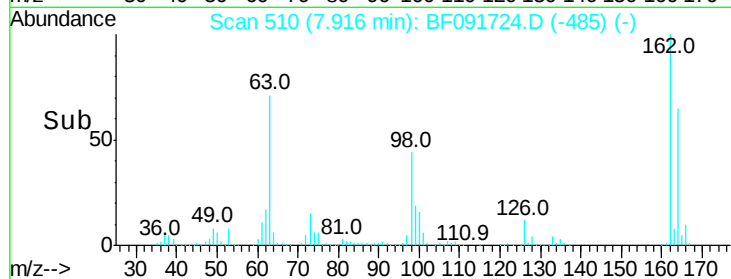
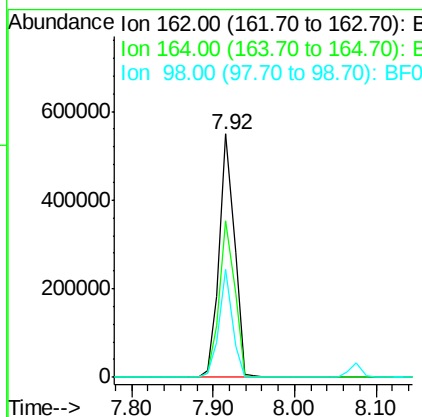
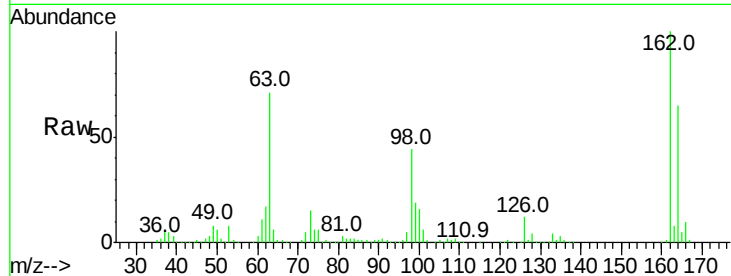
#29
 2,4-Dichlorophenol
 Concen: 44.71 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.5	46.8	86.8
98	44.3	9.1	49.1

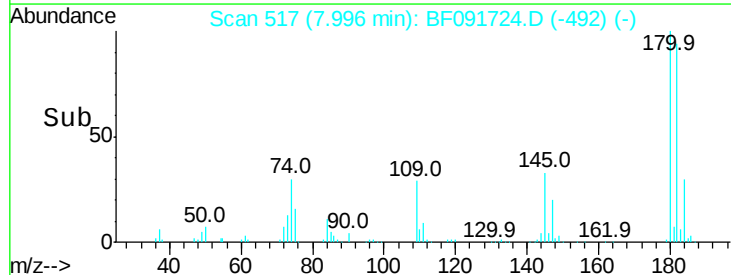
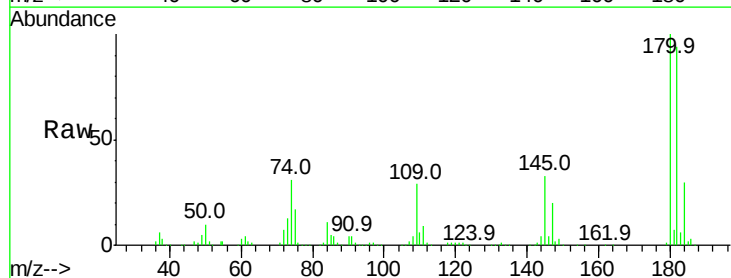
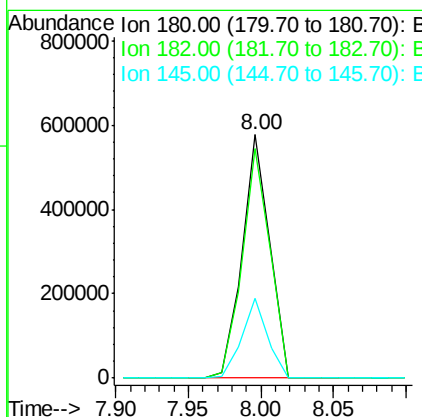
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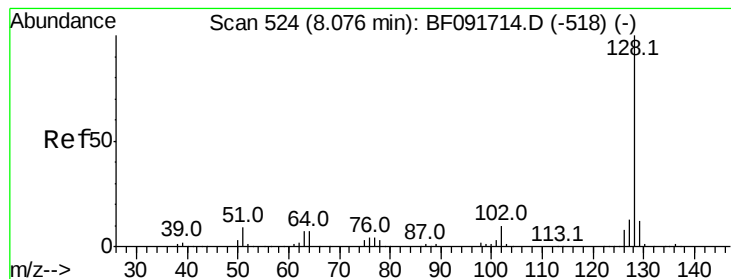
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.44 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.1	78.2	117.4
145	32.6	21.6	32.4#





#31

Naphthalene

Concen: 41.37 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

Tot Ion:128 Resp: 2339119

Ion Ratio Lower Upper

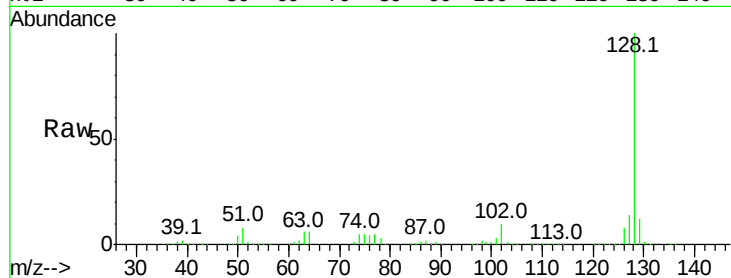
128 100

129 12.0 9.5 14.3

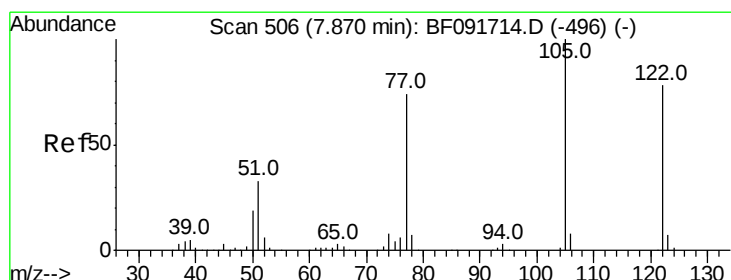
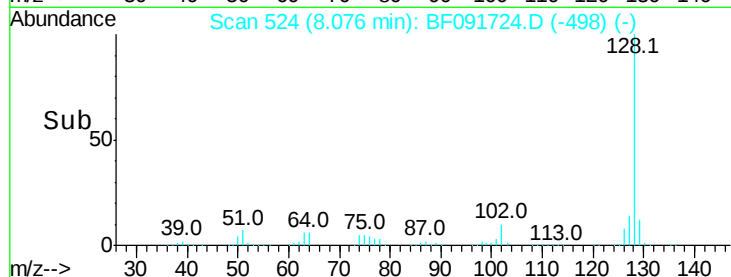
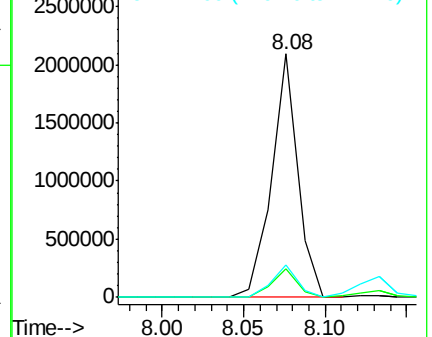
127 13.6 10.8 16.2

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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: 49.11 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

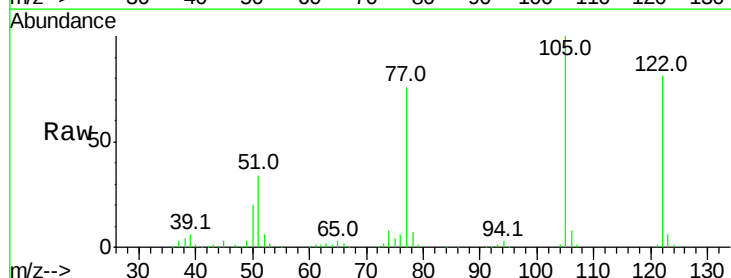
Tgt Ion:122 Resp: 607055

Ion Ratio Lower Upper

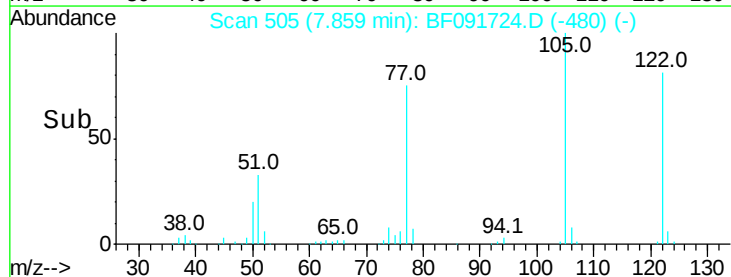
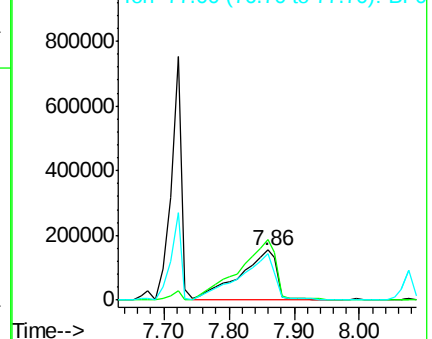
122 100

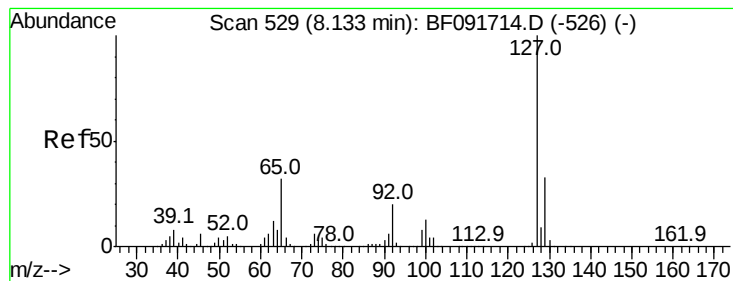
105 122.7 107.2 147.2

77 92.9 74.5 114.5



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: 11.82 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

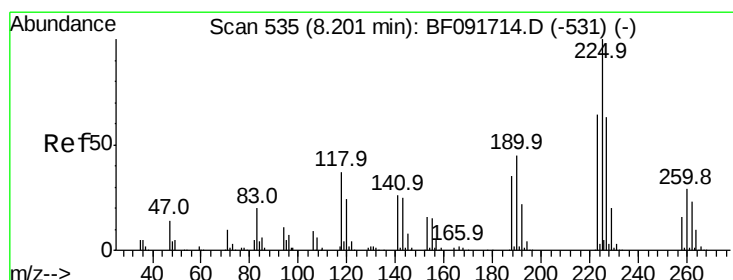
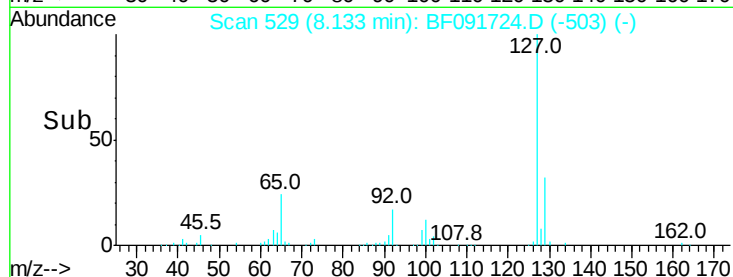
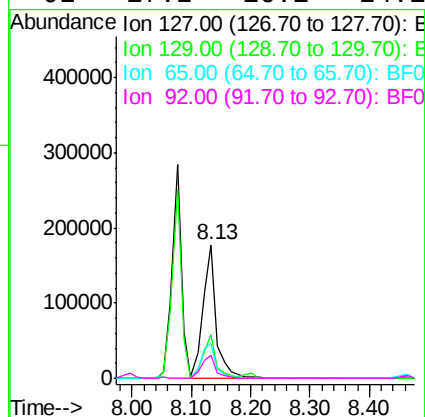
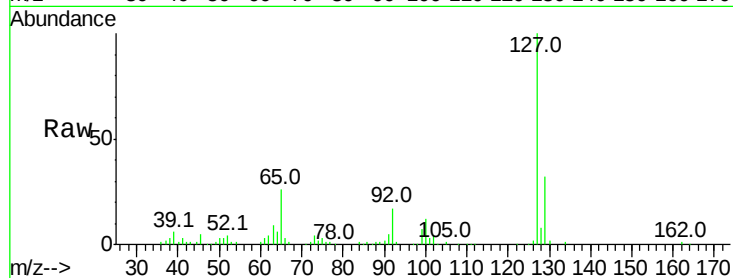
ClientSampleId :

PB95409BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.2	26.3	39.5
65	26.0	25.8	38.8
92	17.2	16.1	24.1

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#34

Hexachlorobutadiene

Concen: 44.39 ng

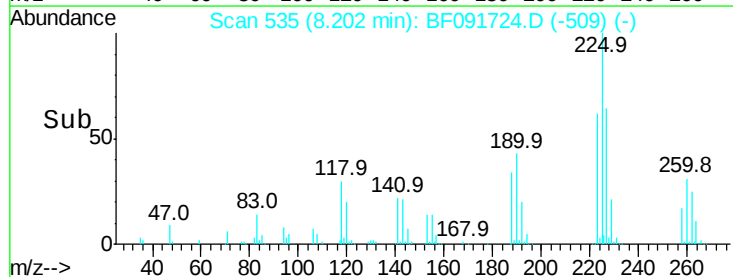
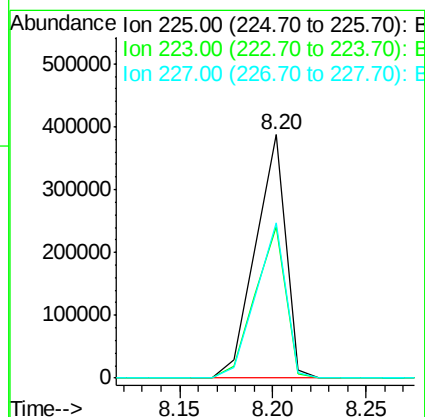
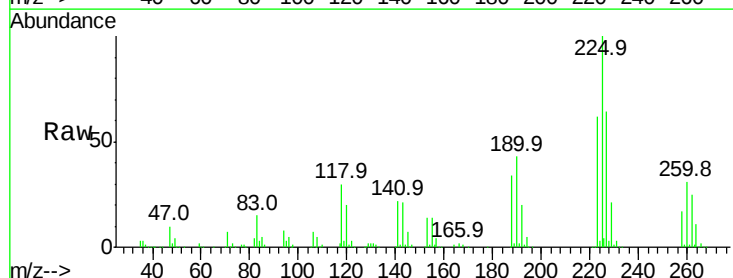
RT: 8.20 min Scan# 535

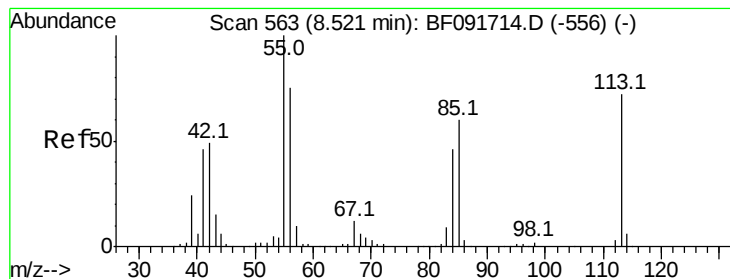
Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.2	51.0	76.6
227	63.6	50.6	76.0





#35

Caprolactam

Concen: 54.03 ng/ml

RT: 8.51 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

Tot Ion:113 Resp: 278115

Ion Ratio Lower Upper

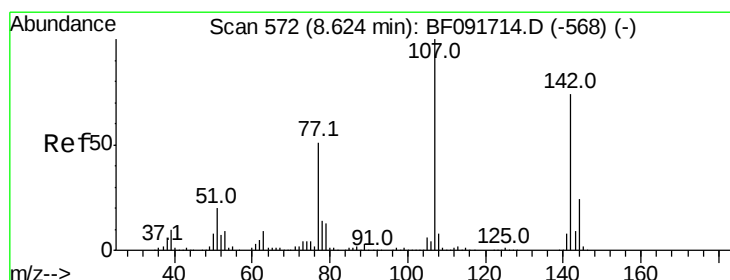
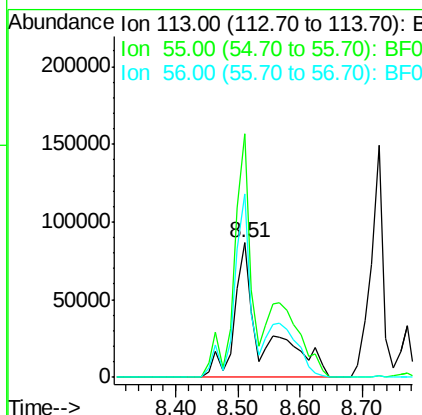
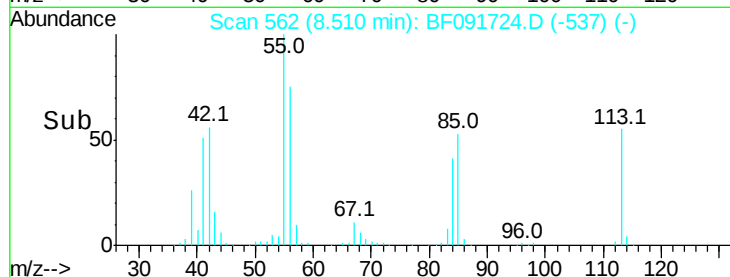
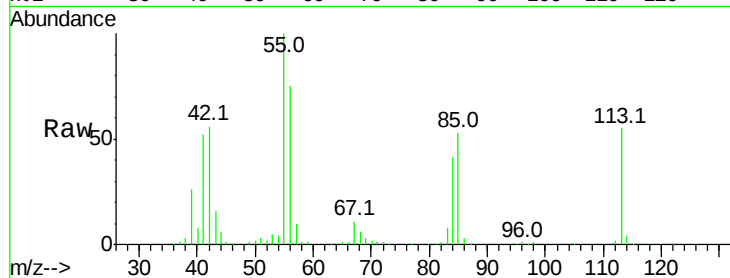
113 100

55 180.9 119.2 159.2#

56 135.9 83.8 123.8#

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#36

4-Chloro-3-methylphenol

Concen: 47.34 ng/ml

RT: 8.62 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

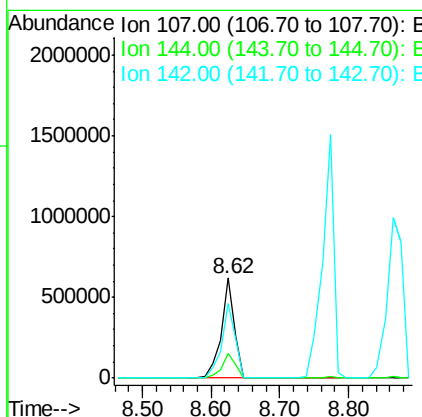
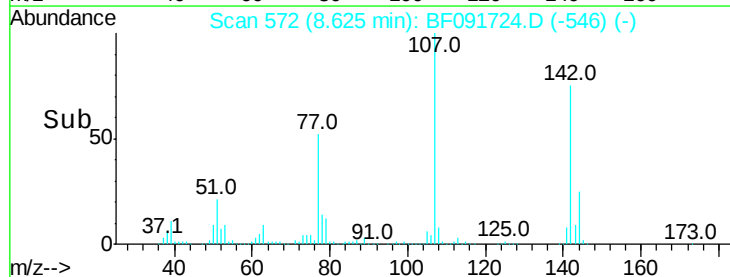
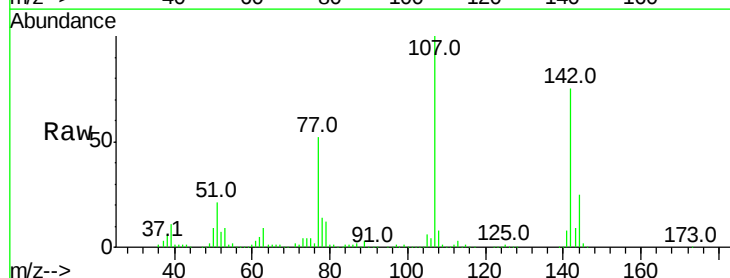
Tgt Ion:107 Resp: 835454

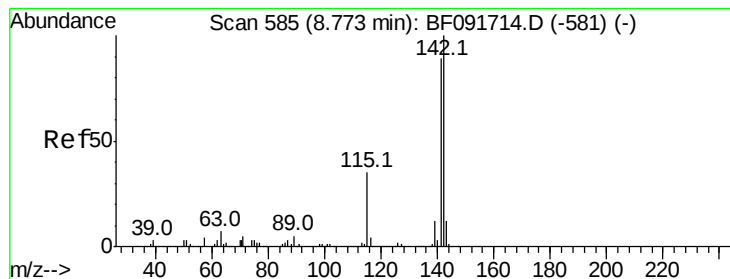
Ion Ratio Lower Upper

107 100

144 24.6 19.3 28.9

142 74.5 59.0 88.6





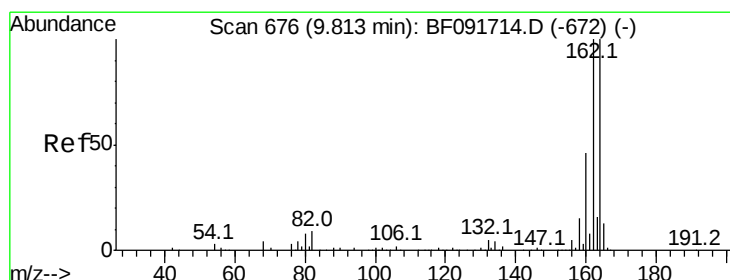
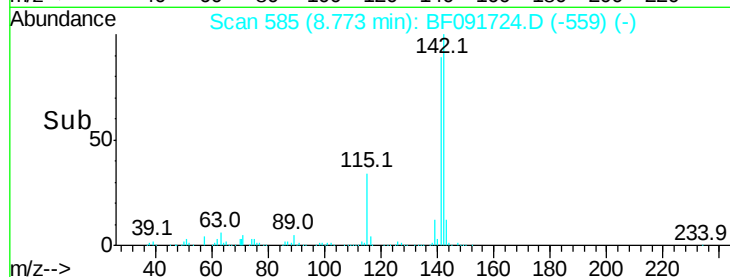
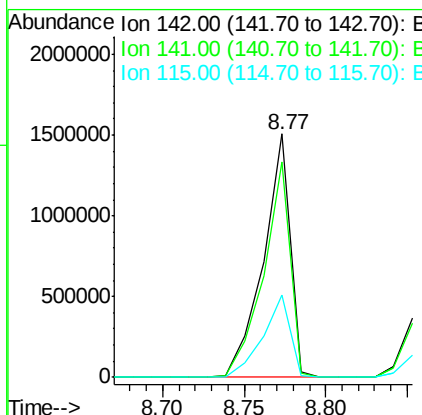
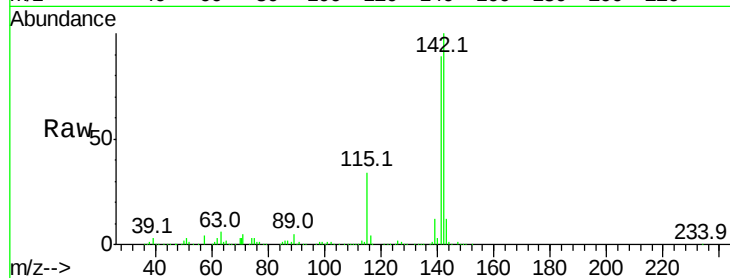
#37
2-Methylnaphthalene
Concen: 48.58 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Instrument :
BNA_F
ClientSampleId :
PB95409BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6
115	33.8	28.3	42.5

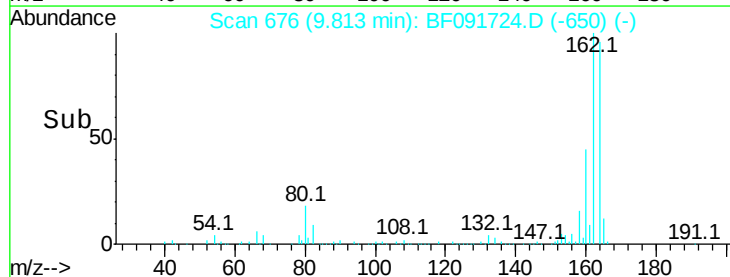
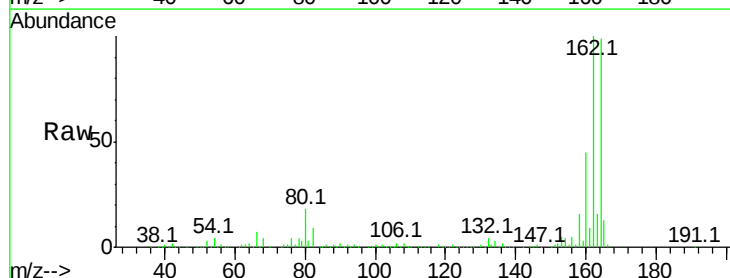
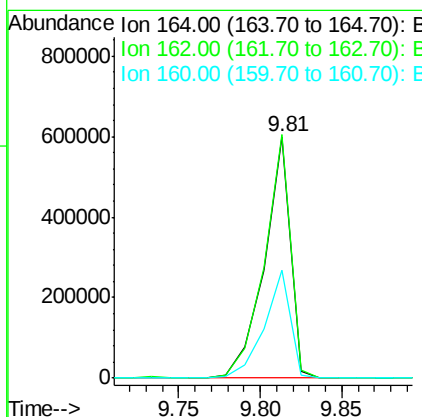
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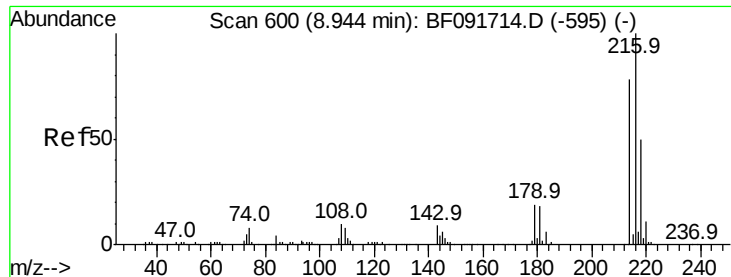
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	44.9	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.23 ng

RT: 8.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

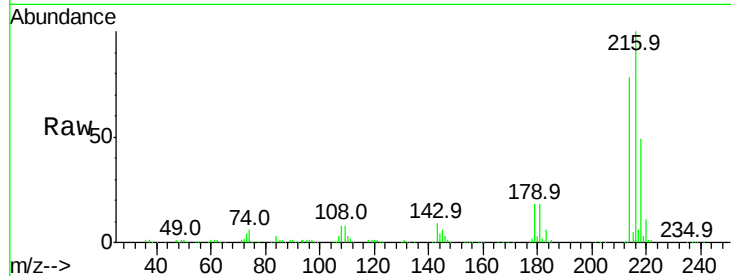
ClientSampleId :

PB95409BS

Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.2	63.4	95.0
179	22.1	17.4	26.2
108	22.7	15.6	23.4

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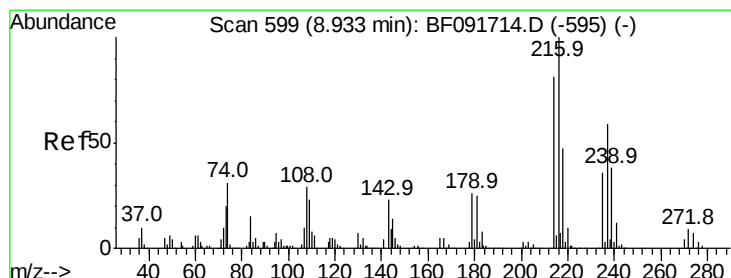
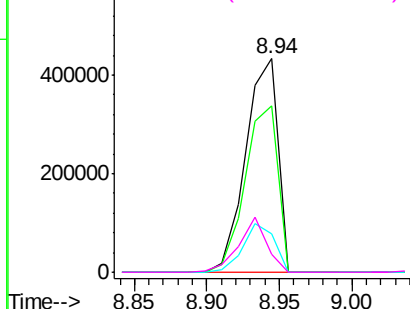
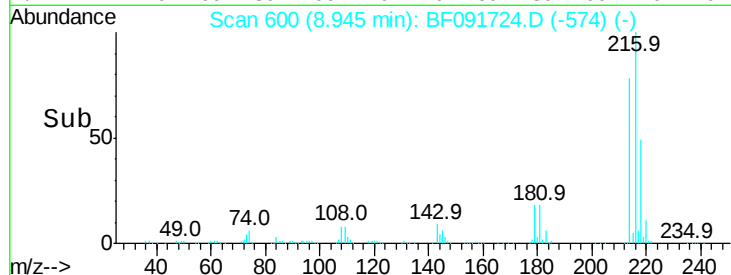


Abundance Ion 216.00 (215.70 to 216.70): E

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: 109.89 ng

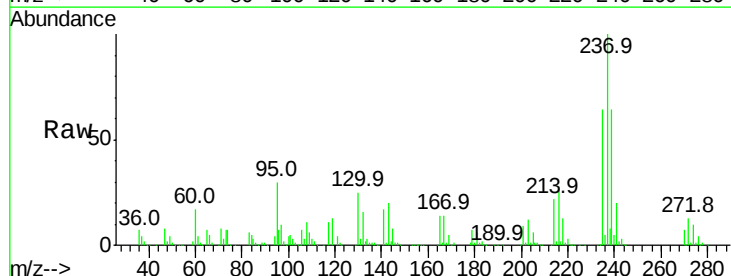
RT: 8.92 min Scan# 598

Delta R.T. -0.01 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

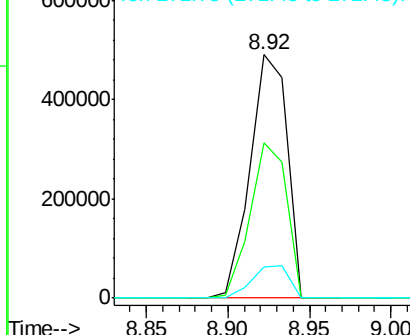
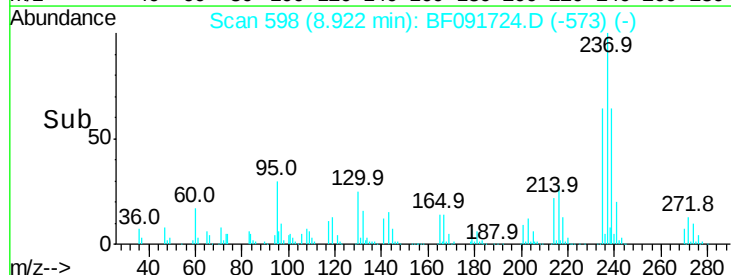
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.8	41.2	81.2
272	12.7	0.0	35.4

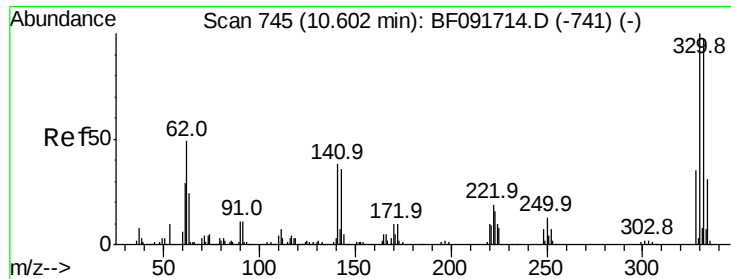


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





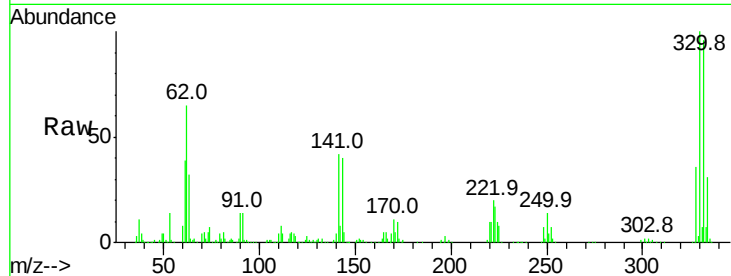
#41
 2,4,6-Tribromophenol
 Concen: 116.53 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

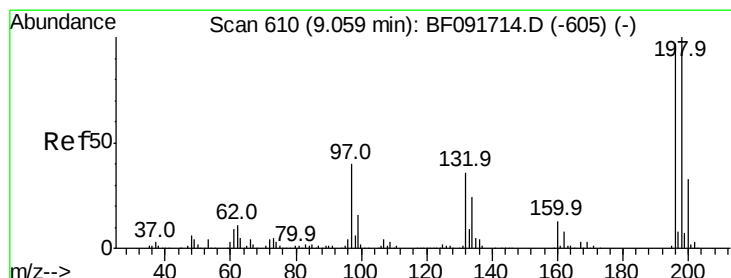
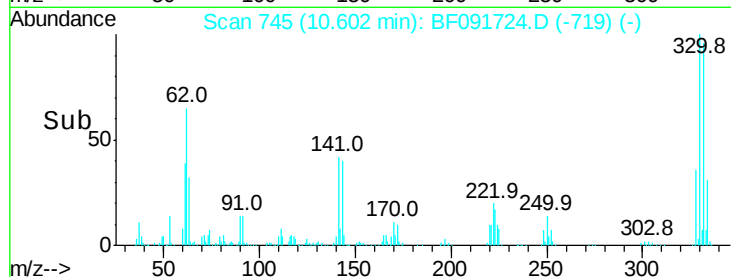
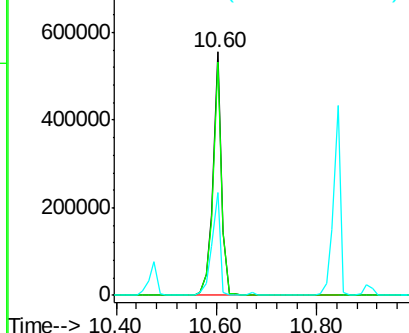
Tot Ion	Ratio	Resp	Lower	Upper
330	100	656946		
332	96.0		77.4	116.2
141	40.6		34.1	51.1

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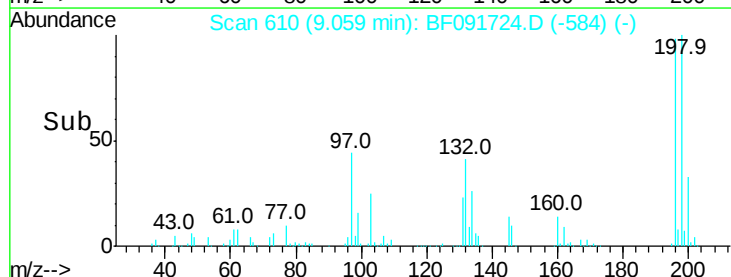
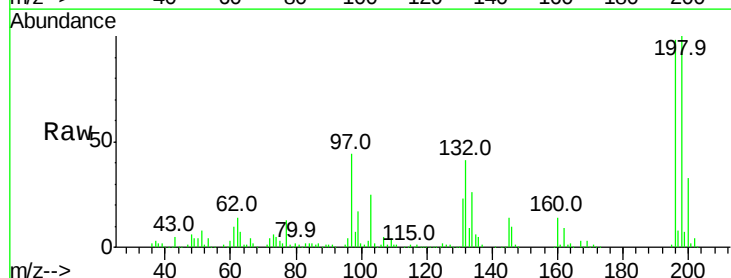
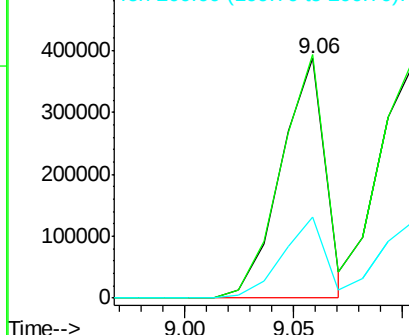
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

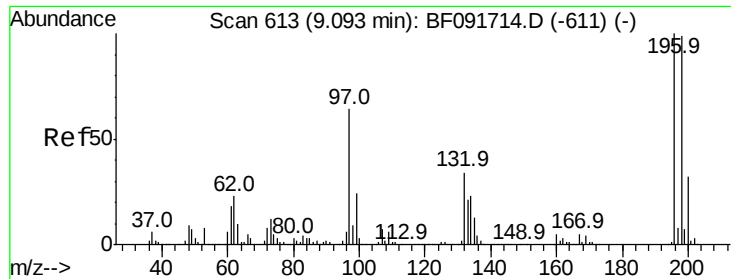


#42
 2,4,6-Trichlorophenol
 Concen: 46.37 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	549000		
198	101.6		82.1	123.1
200	33.7		27.0	40.4

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





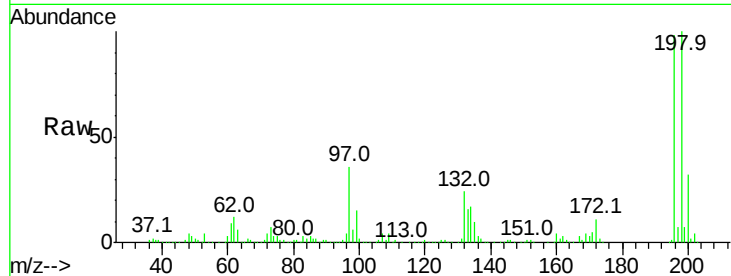
#43
 2,4,5-Trichlorophenol
 Concen: 45.99 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	534984		
198	102.2	79.4	119.2	
97	37.3	51.5	77.3	
132	25.0	27.4	41.2	

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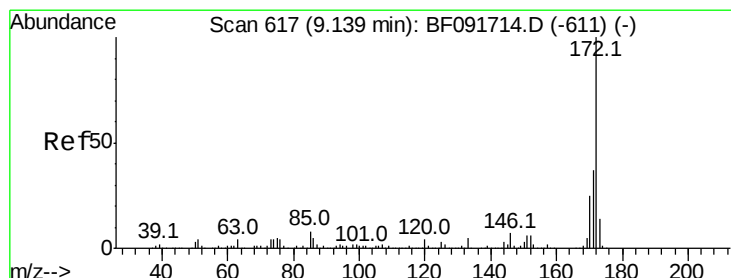
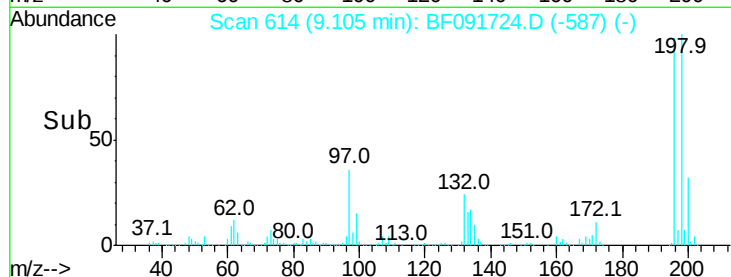
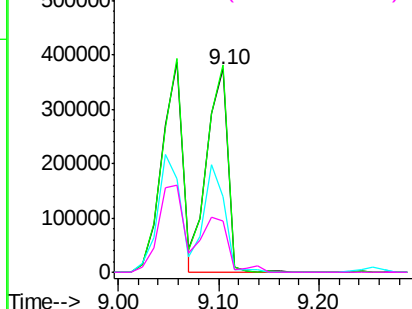
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.00 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

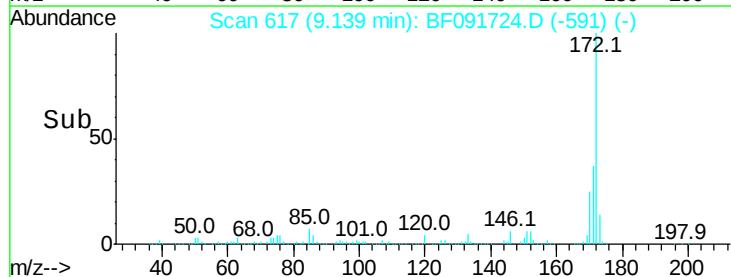
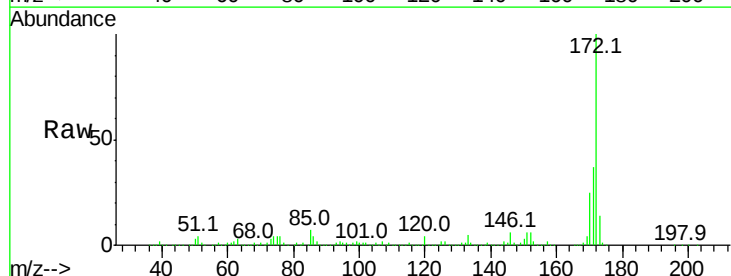
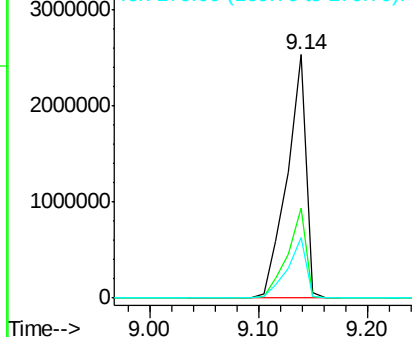
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3110904		
171	36.8	29.4	44.0	
170	25.0	20.2	30.4	

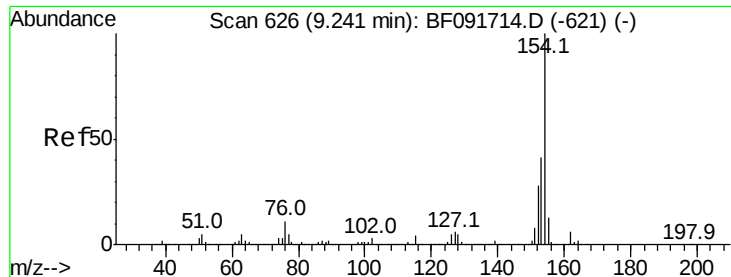
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





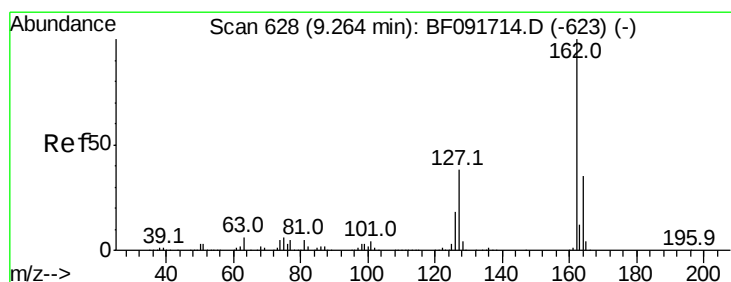
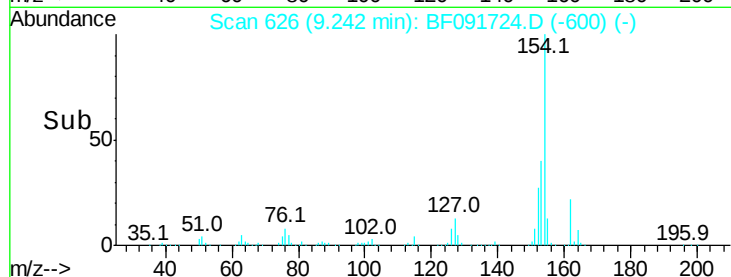
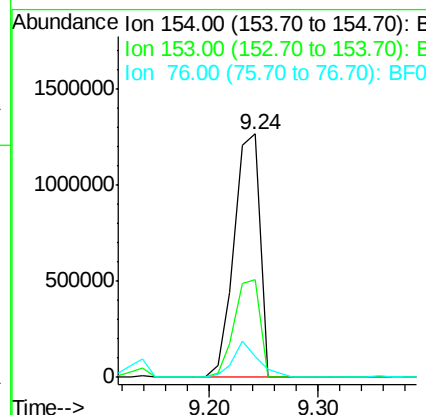
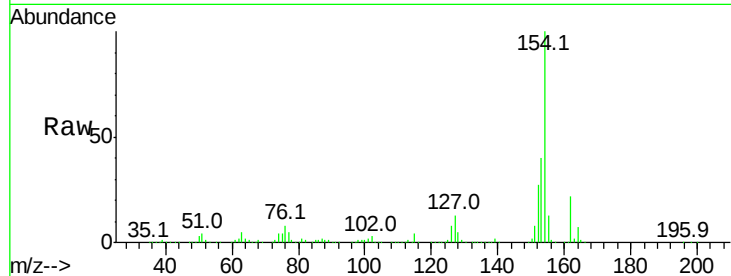
#45
 1,1'-Biphenyl
 Concen: 42.87 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

Tot Ion:154 Resp: 2042853
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.9 60.9
 76 8.5 0.0 30.5

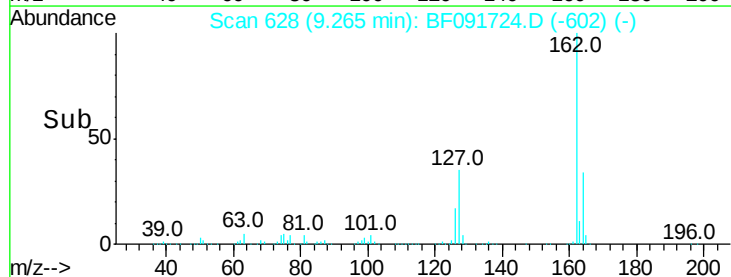
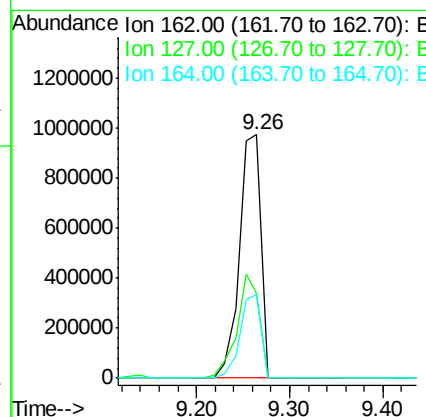
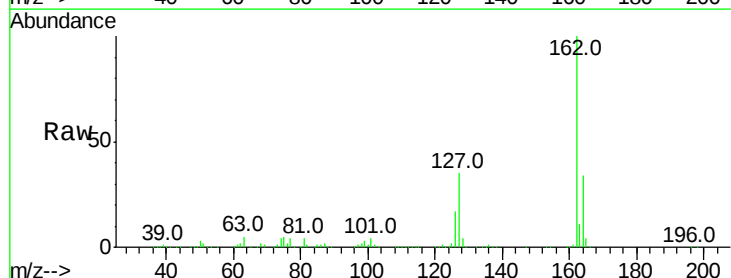
Manual Integrations
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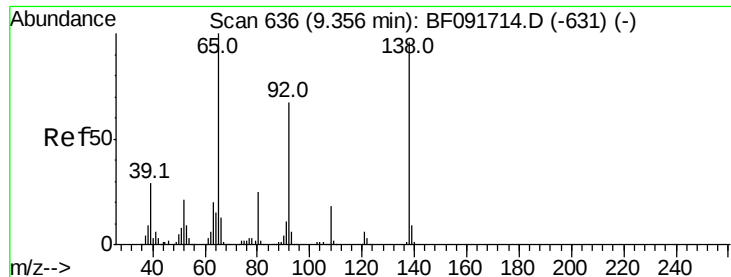
umangi
 12/20/2016 11:40:53 AM



#46
 2-Chloronaphthalene
 Concen: 43.57 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion:162 Resp: 1551768
 Ion Ratio Lower Upper
 162 100
 127 35.0 30.7 46.1
 164 34.5 27.6 41.4





#47

2-Nitroaniline

Concen: 42.51 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

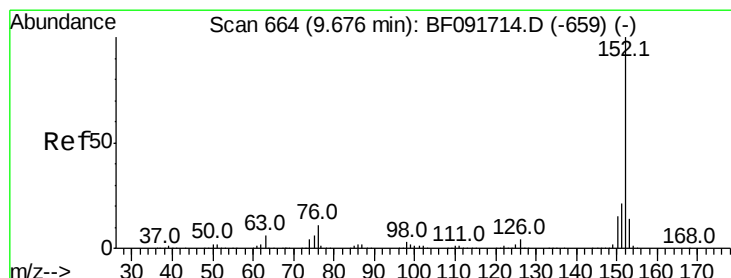
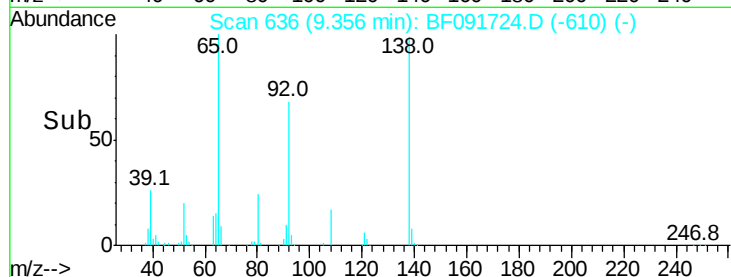
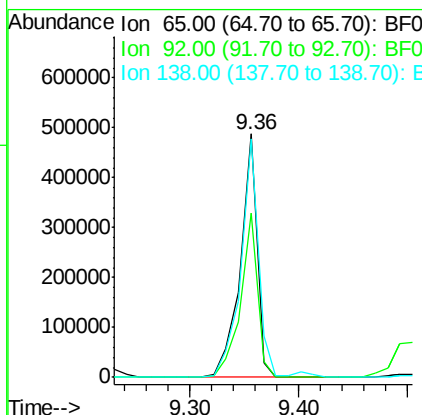
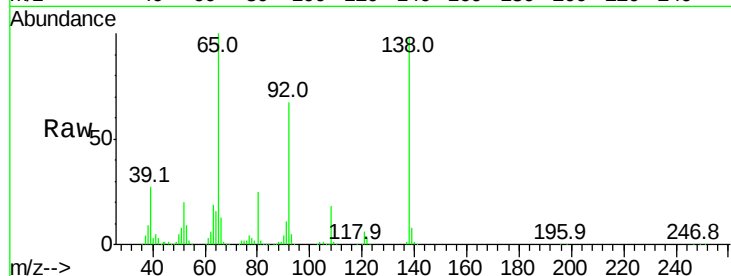
ClientSampleId :

PB95409BS

Tot Ion:	65	Resp:	516890
Ion Ratio	Lower	Upper	
65	100		
92	67.2	53.9	80.9
138	98.1	76.8	115.2

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#48

Acenaphthylene

Concen: 44.77 ng

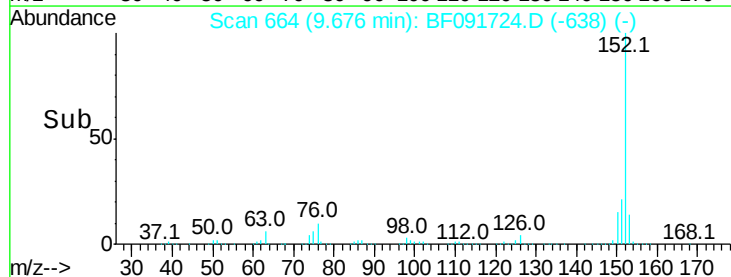
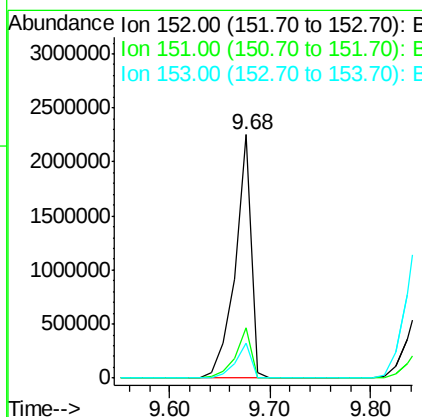
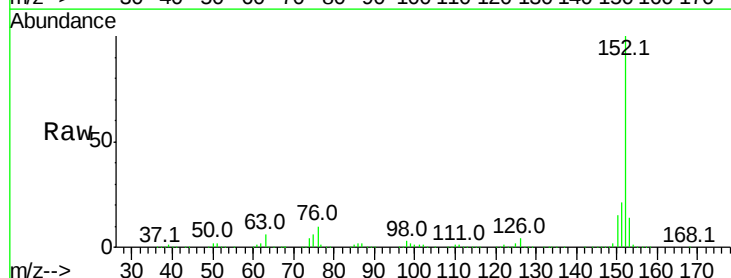
RT: 9.68 min Scan# 664

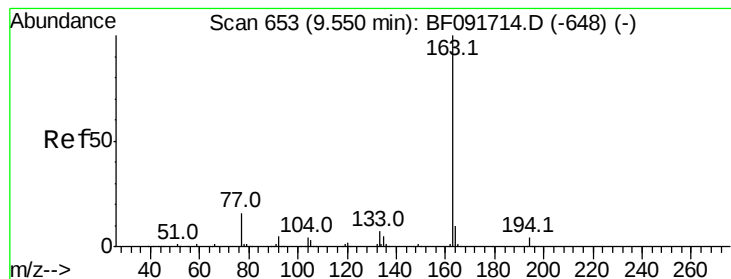
Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Tgt Ion:	152	Resp:	2470465
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.9	25.3
153	14.3	11.4	17.2





#49

Dimethylphthalate

Concen: 45.44 ng

RT: 9.55 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

Tot Ion:163 Resp: 1973507

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

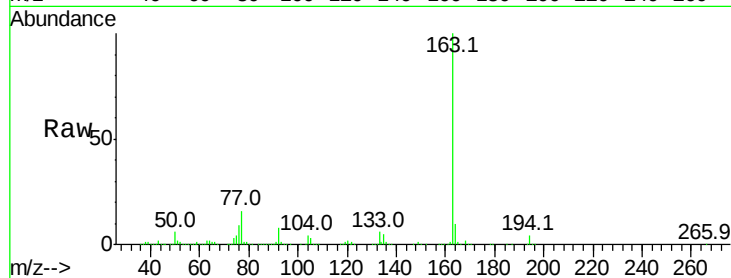
164 9.9 8.0 12.0

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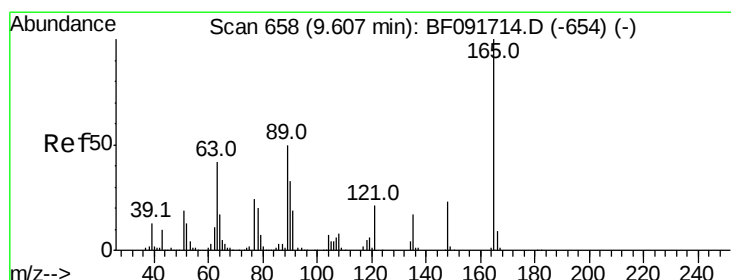
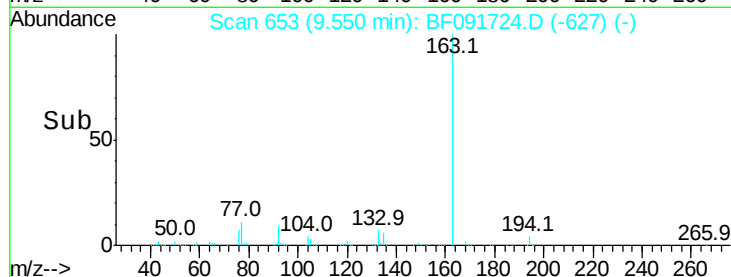
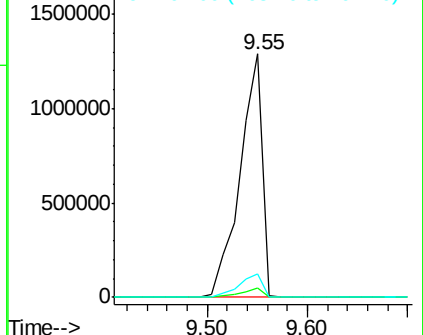
12/20/2016 11:40:53 AM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.89 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

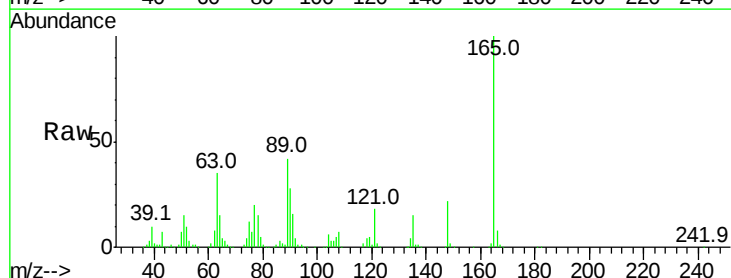
Tgt Ion:165 Resp: 475077

Ion Ratio Lower Upper

165 100

63 34.6 36.2 54.4#

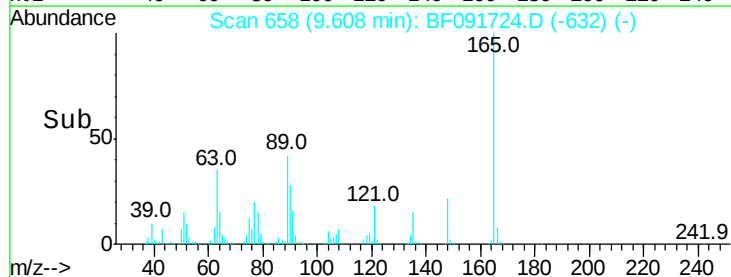
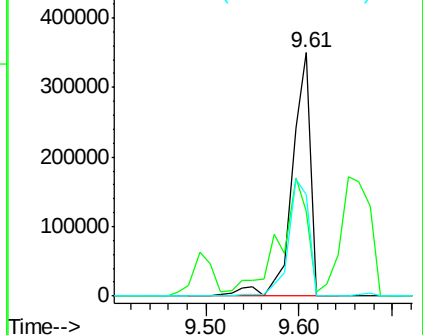
89 41.7 40.2 60.4

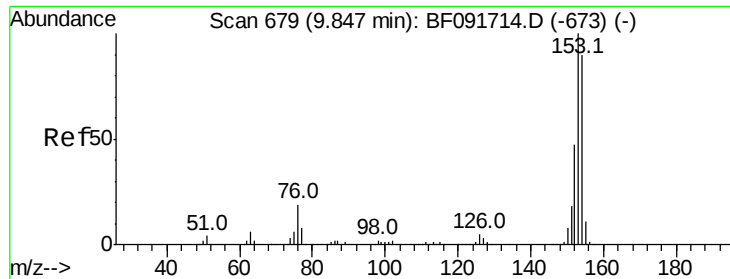


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.32 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

Tot Ion:154 Resp: 1678337

Ion Ratio Lower Upper

154 100

153 111.3 88.6 133.0

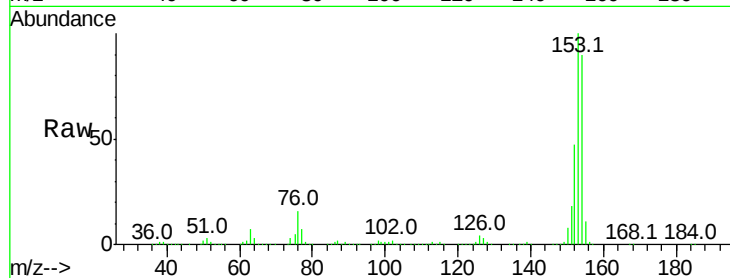
152 52.7 41.6 62.4

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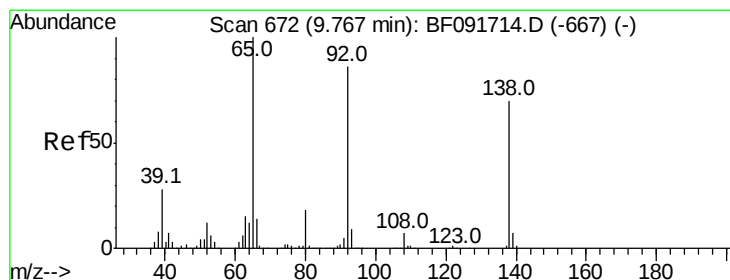
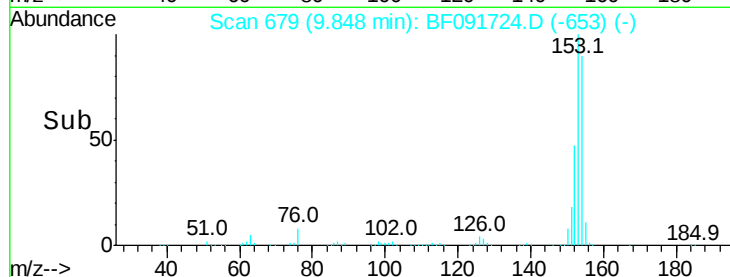
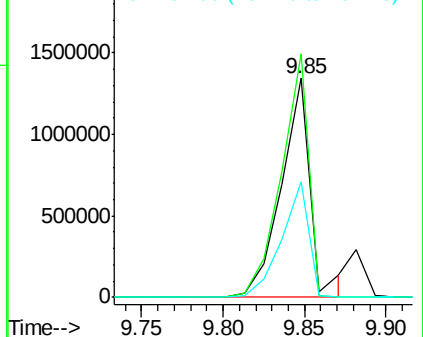
12/20/2016 11:40:53 AM



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: 18.18 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

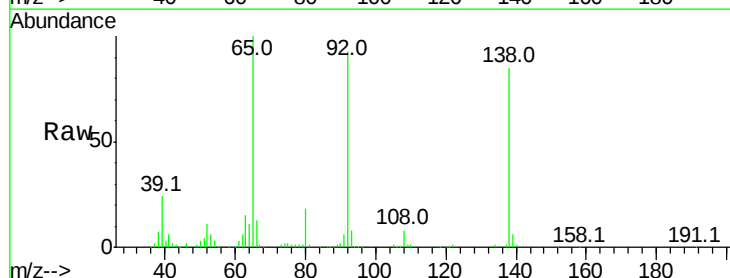
Tgt Ion:138 Resp: 215564

Ion Ratio Lower Upper

138 100

108 9.5 8.5 12.7

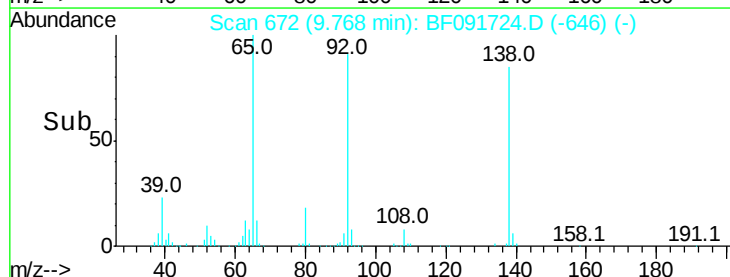
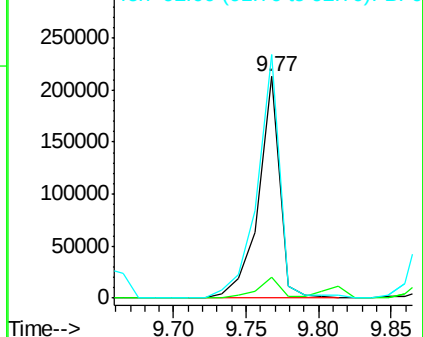
92 110.0 97.8 146.8

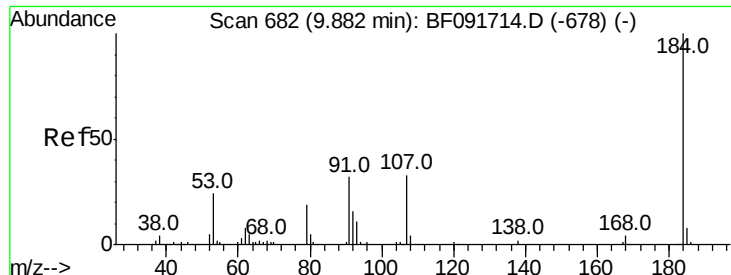


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





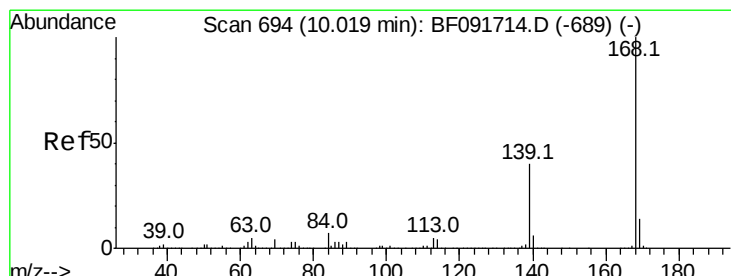
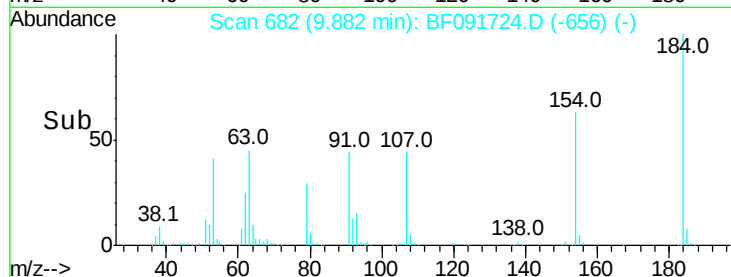
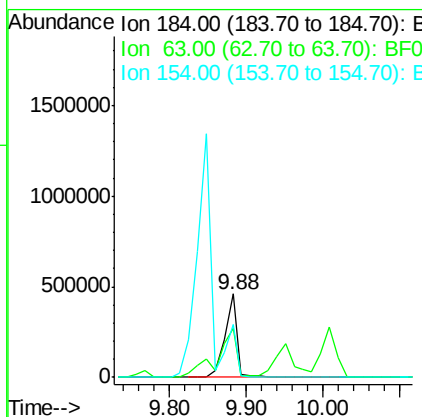
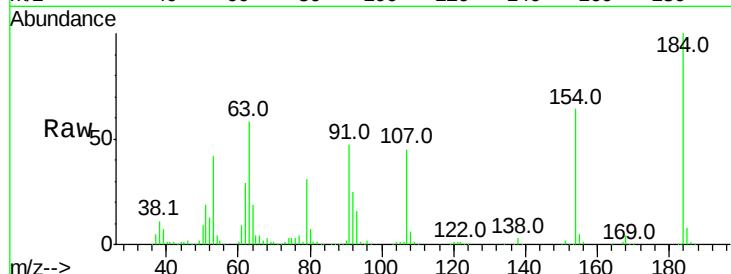
#53
 2,4-Dinitrophenol
 Concen: 101.56 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	522418		
63	58.5	28.4	42.6	
154	63.5	44.3	66.5	

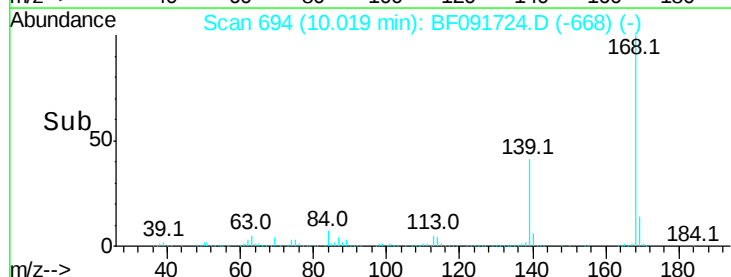
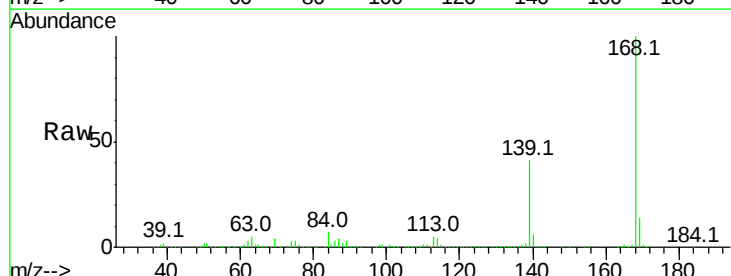
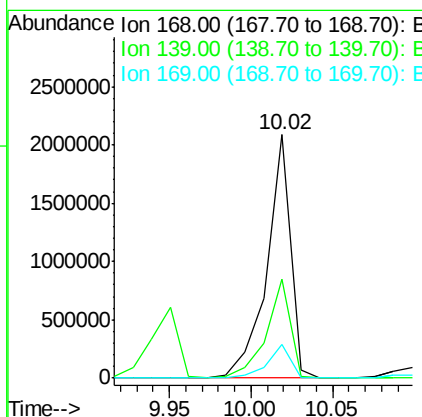
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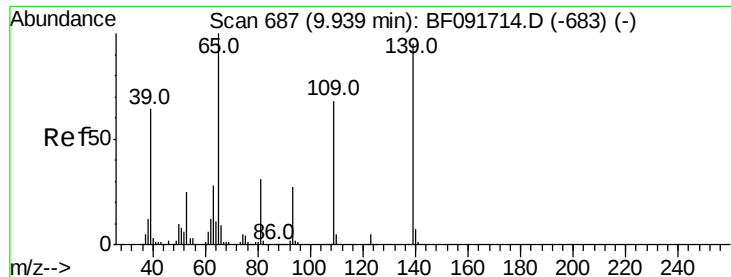
umangi
 12/20/2016 11:40:53 AM



#54
 Dibenzofuran
 Concen: 47.17 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2124235		
139	40.8	32.6	49.0	
169	13.9	11.3	16.9	





#55

4-Nitrophenol

Concen: 88.50 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

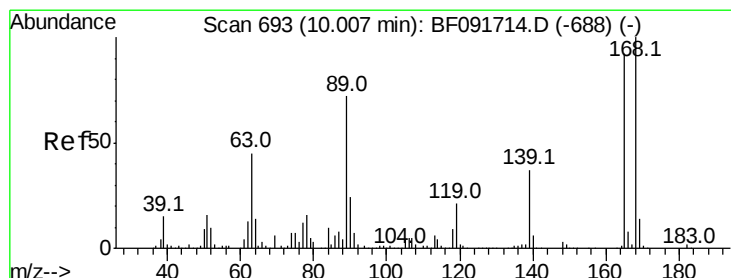
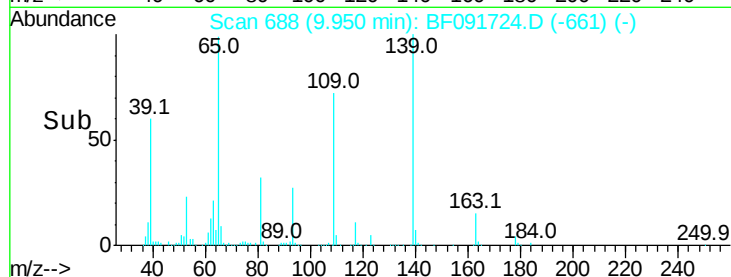
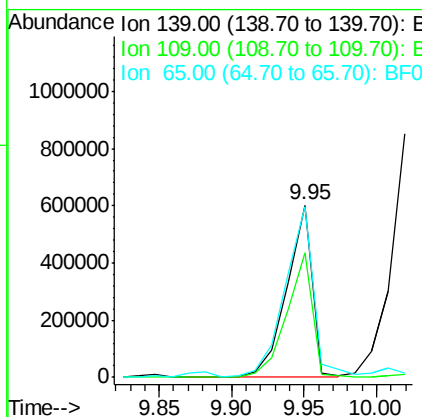
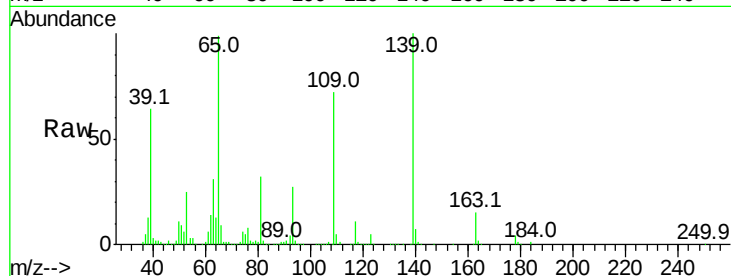
ClientSampleId :

PB95409BS

Tot Ion:	139	Resp:	728604
Ion Ratio	Lower	Upper	
139	100		
109	72.4	52.2	92.2
65	99.1	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 47.15 ng

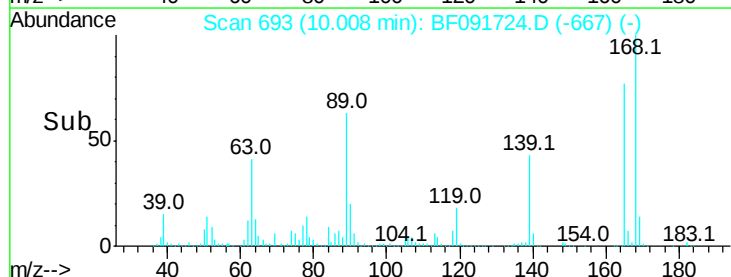
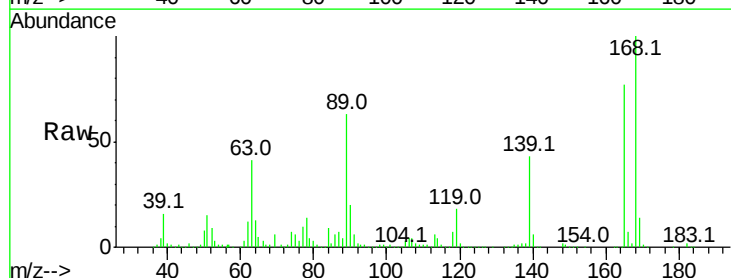
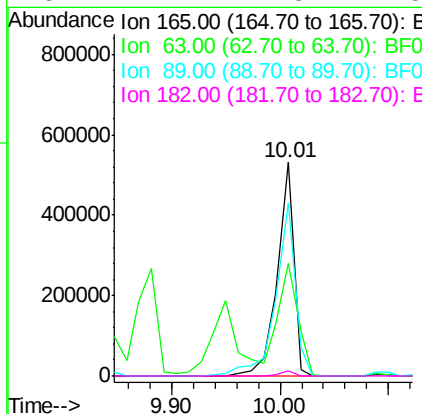
RT: 10.01 min Scan# 693

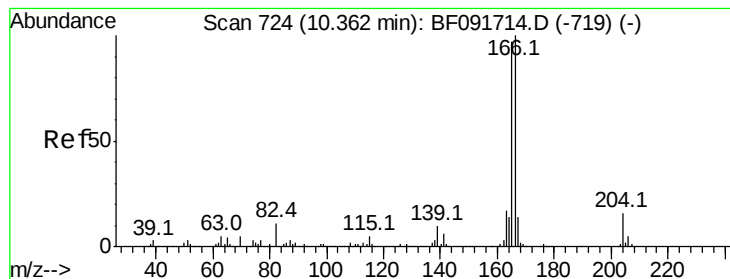
Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Tgt Ion:	165	Resp:	560795
Ion Ratio	Lower	Upper	
165	100		
63	52.9	40.2	60.4
89	81.1	62.5	93.7
182	2.2	1.8	2.8





#57

Fluorene

Concen: 47.86 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

Tot Ion:166 Resp: 1674144

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

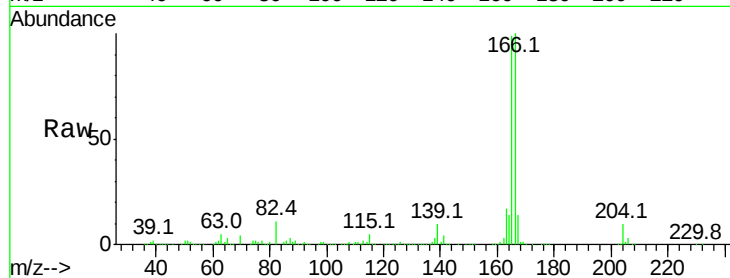
167 13.8 10.8 16.2

Manual Integrations

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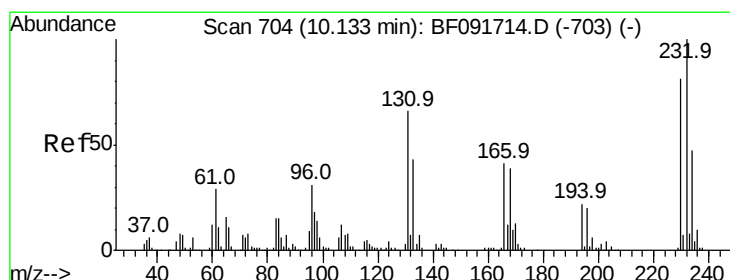
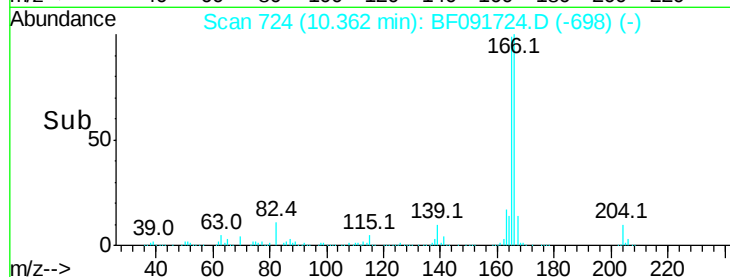
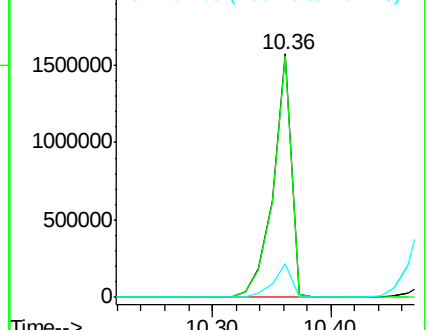
12/20/2016 11:40:53 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.20 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Tgt Ion:232 Resp: 415443

Ion Ratio Lower Upper

232 100

131 51.4 40.1 60.1

130 2.6 1.8 2.8

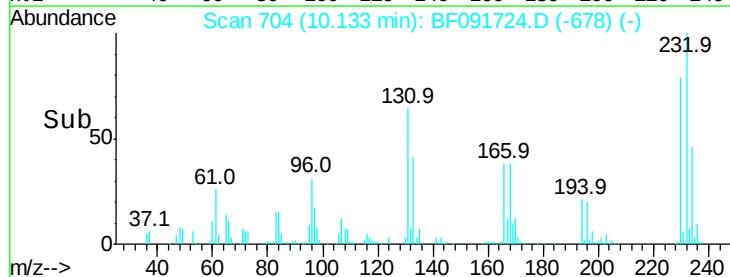
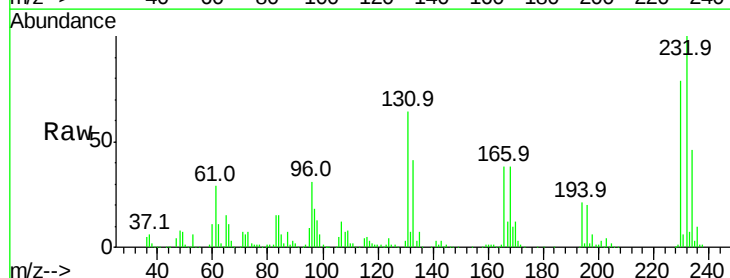
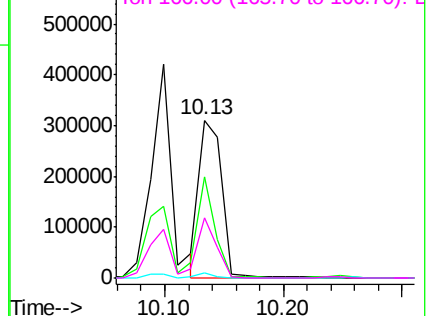
166 33.2 26.6 39.8

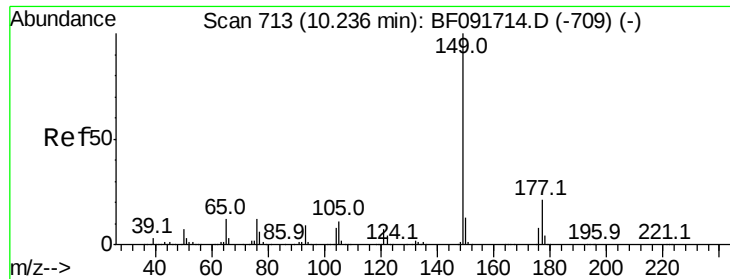
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





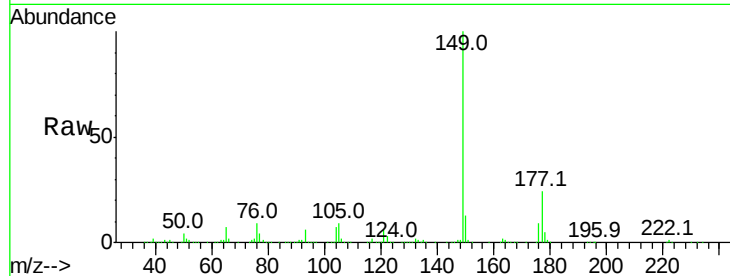
#59
Diethylphthalate
Concen: 45.14 ng
RT: 10.25 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Instrument :
BNA_F
ClientSampleId :
PB95409BS

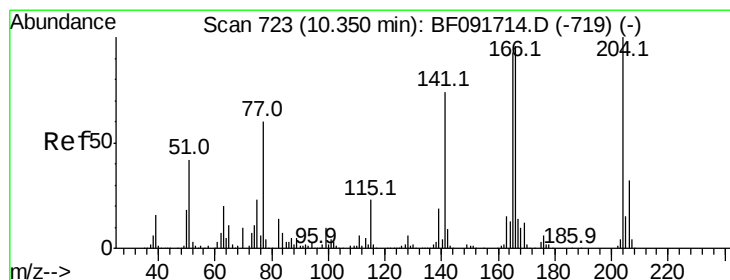
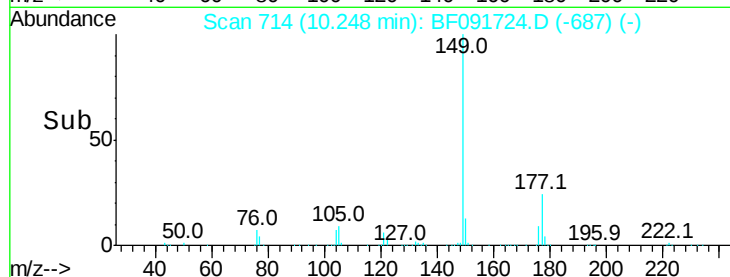
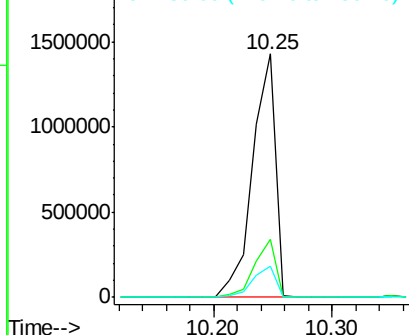
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.7	16.6	25.0
150	12.5	10.4	15.6

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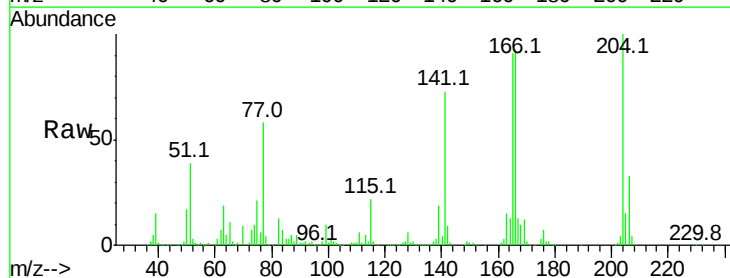


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

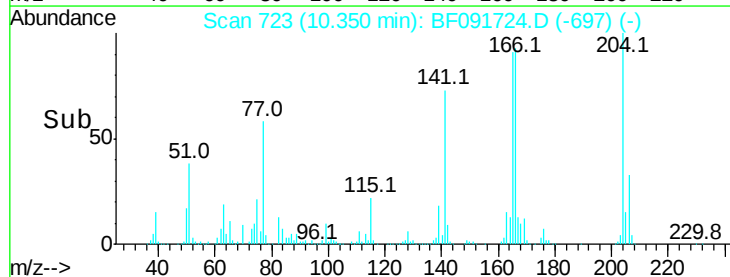
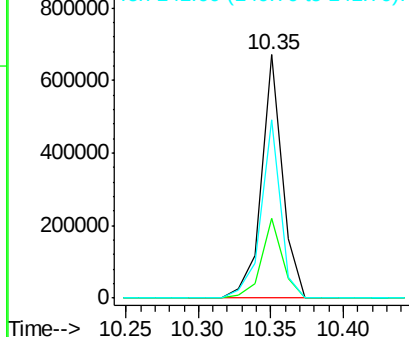


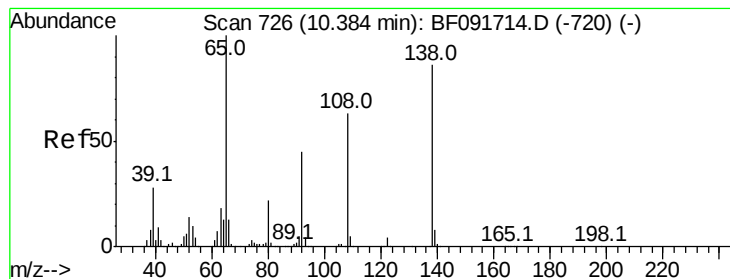
#60
4-Chlorophenyl-phenylether
Concen: 42.17 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.8	38.6
141	73.1	59.4	89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





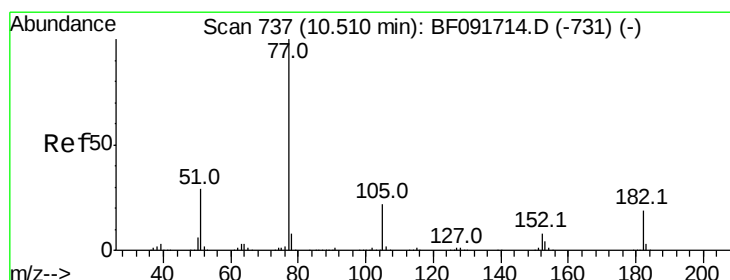
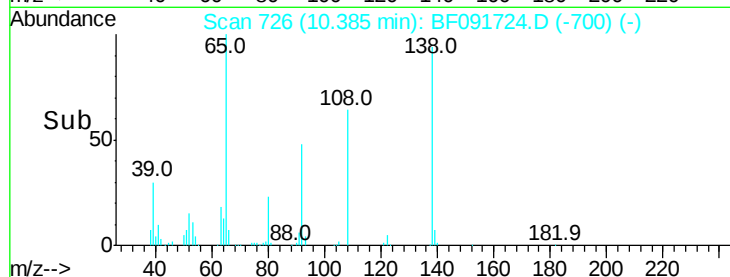
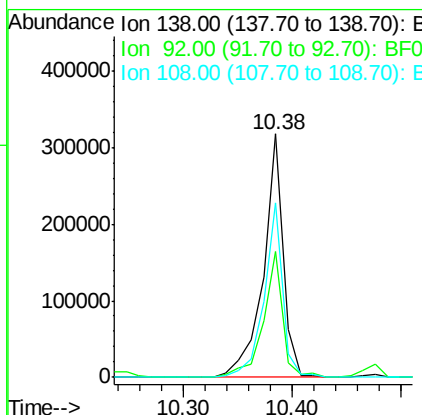
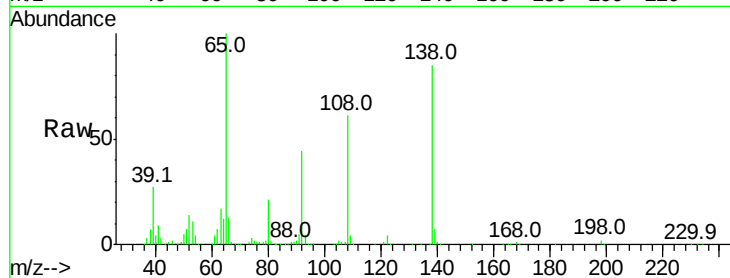
#61
4-Nitroaniline
Concen: 36.28 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Instrument :
BNA_F
ClientSampleId :
PB95409BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.6	31.7	71.7
108	71.5	52.6	92.6

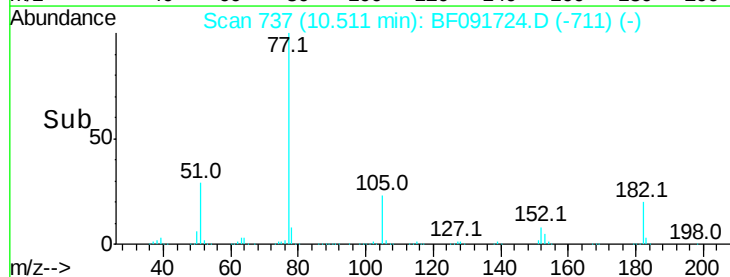
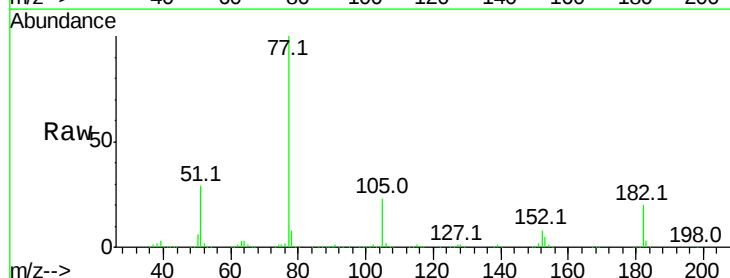
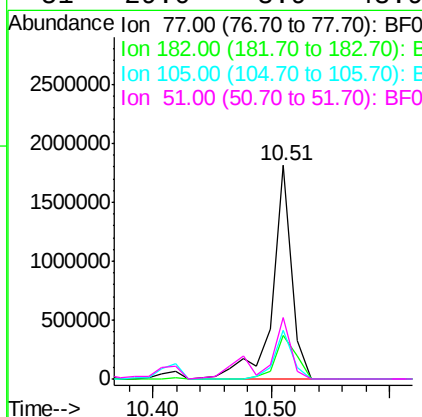
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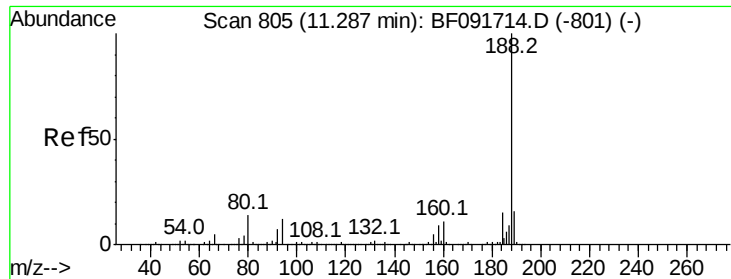
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#62
Azobenzene
Concen: 44.61 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.4	0.0	39.3
105	23.0	2.3	42.3
51	29.0	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

Tot Ion:188 Resp: 1064941

Ion Ratio Lower Upper

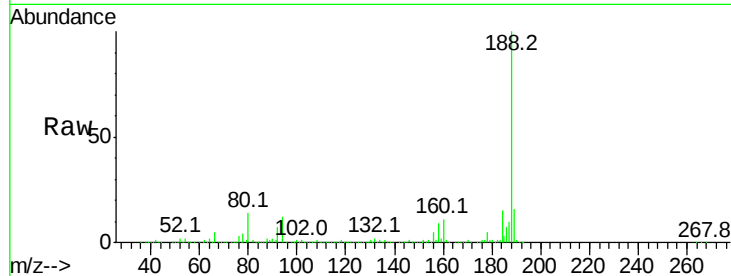
188 100

94 11.9 10.0 15.0

80 13.6 11.2 16.8

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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

1200000

1000000

800000

600000

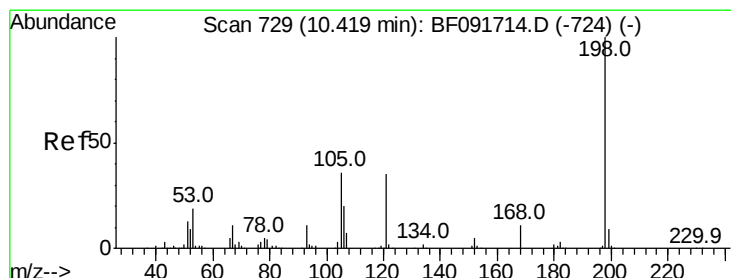
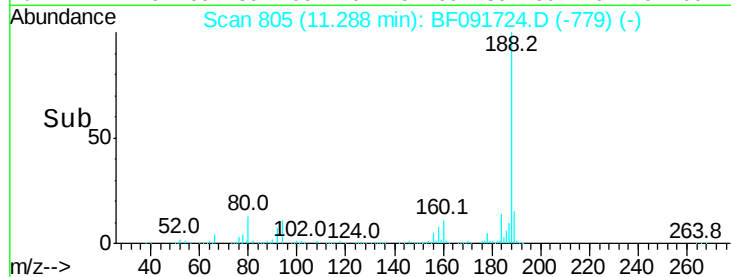
400000

200000

0

11.20 11.25 11.30 11.35

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 50.40 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

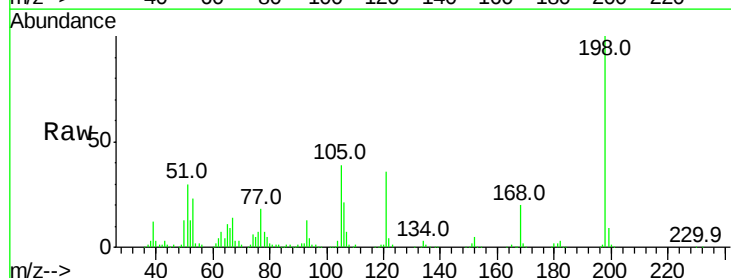
Tgt Ion:198 Resp: 354029

Ion Ratio Lower Upper

198 100

51 29.8 6.7 46.7

105 38.9 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

600000

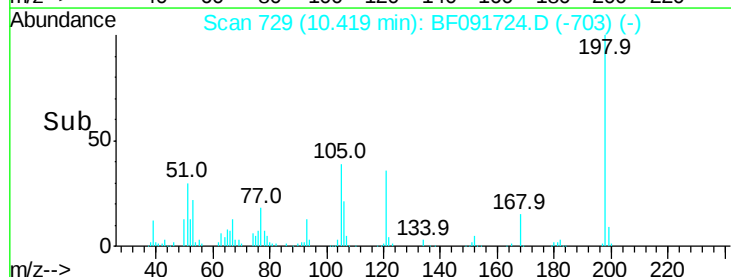
400000

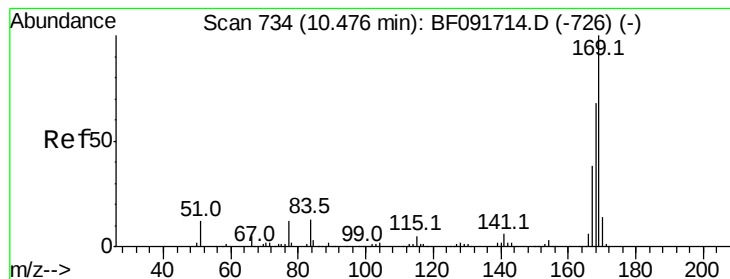
200000

0

10.30 10.40 10.50

Time-->





#65

n-Nitrosodiphenylamine

Concen: 46.35 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

PB95409BS

Tot Ion:169 Resp: 1532838

Ion Ratio Lower Upper

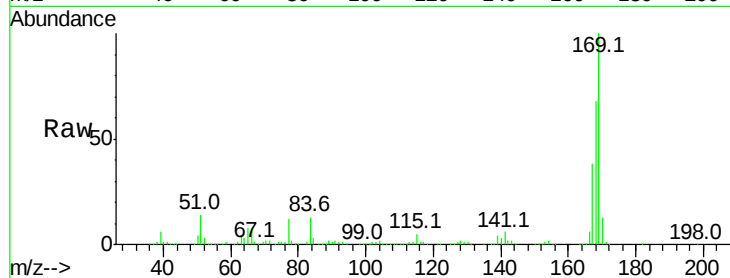
169 100

168 67.8 54.2 81.2

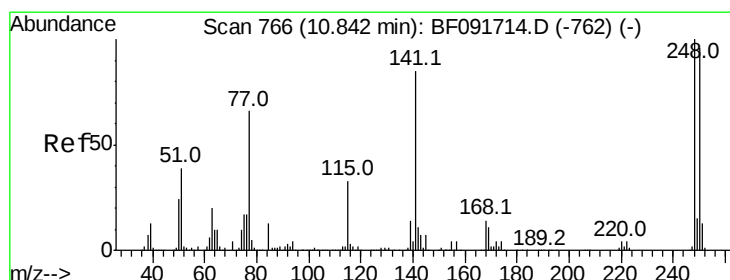
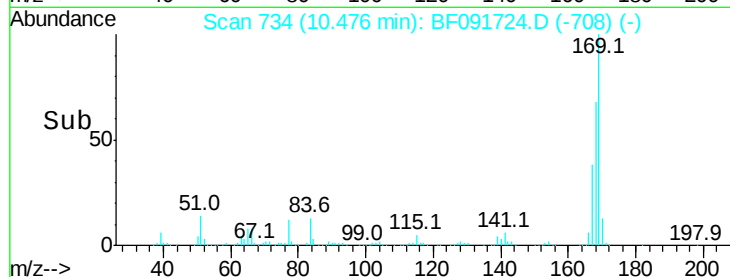
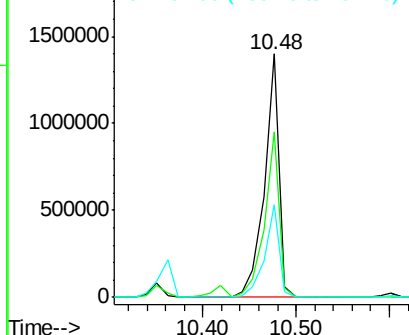
167 37.8 30.2 45.4

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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: 45.45 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

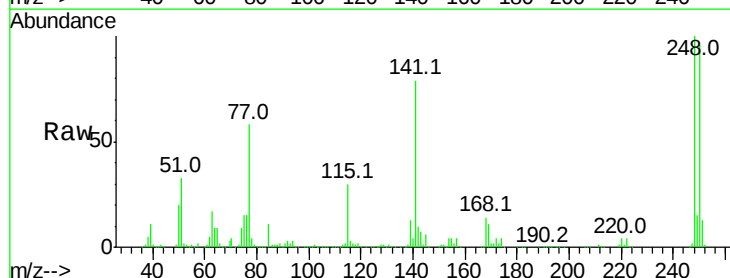
Tgt Ion:248 Resp: 507562

Ion Ratio Lower Upper

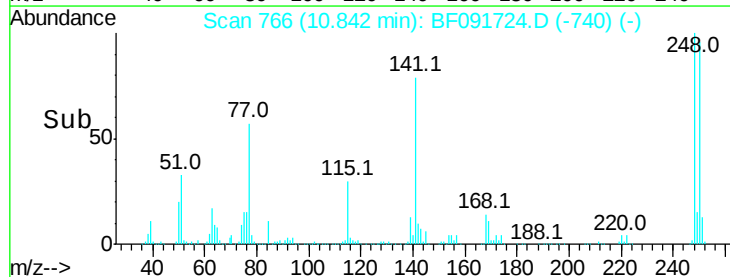
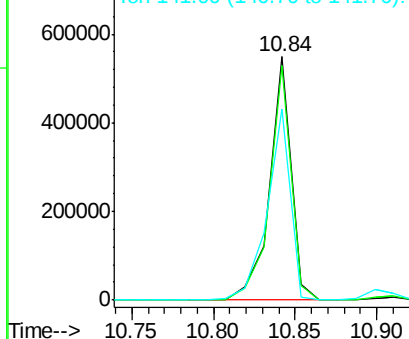
248 100

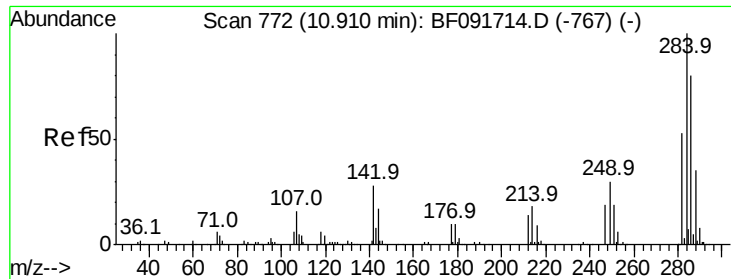
250 96.2 76.9 115.3

141 78.8 68.2 102.4



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





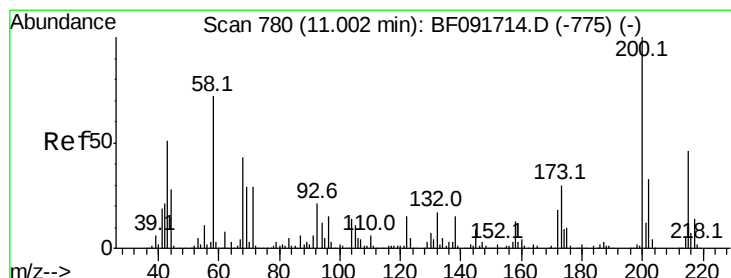
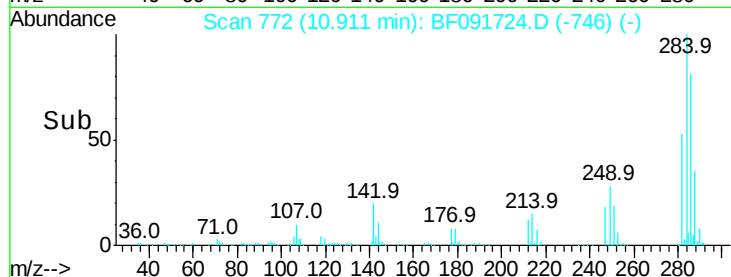
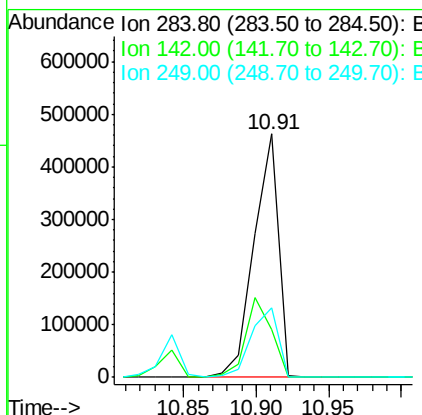
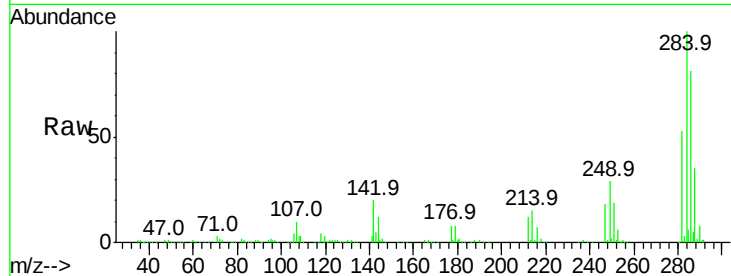
#67
Hexachlorobenzene
Concen: 46.30 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Instrument :
BNA_F
ClientSampleId :
PB95409BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	19.9	22.6	33.8#	
249	28.7	25.4	38.0	

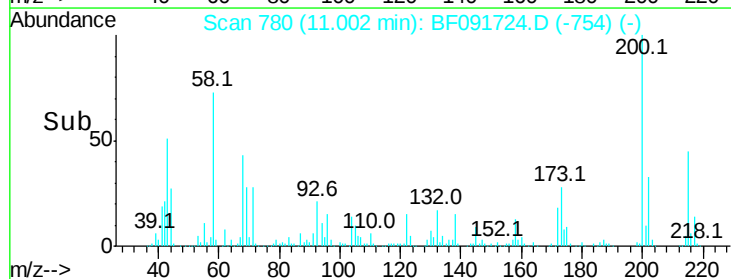
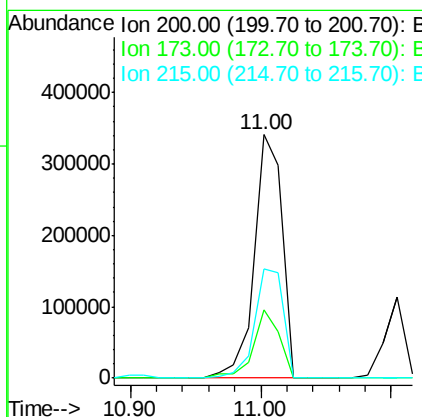
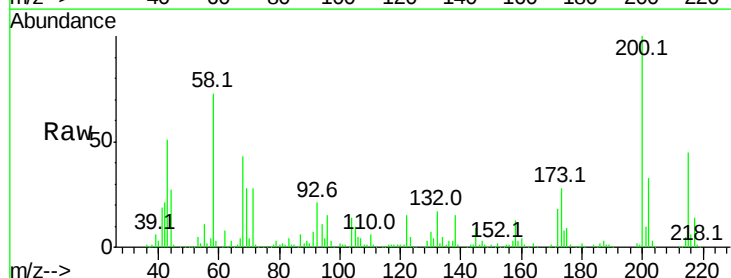
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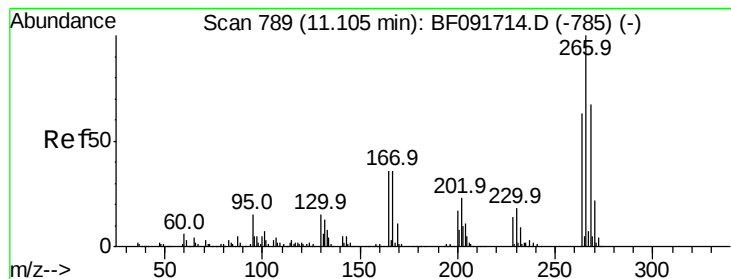
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#68
Atrazine
Concen: 50.59 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.3	9.6	49.6	
215	44.9	25.7	65.7	





#69

Pentachlorophenol

Concen: 89.14 ng

RT: 11.10 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

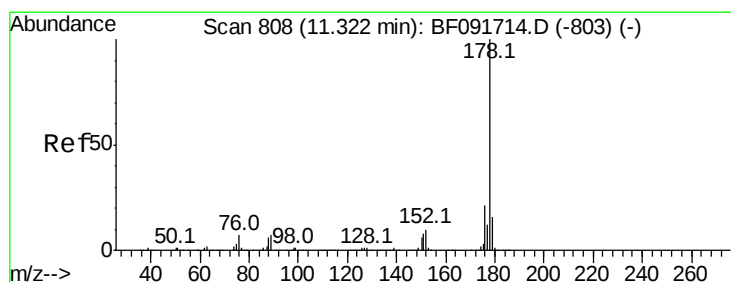
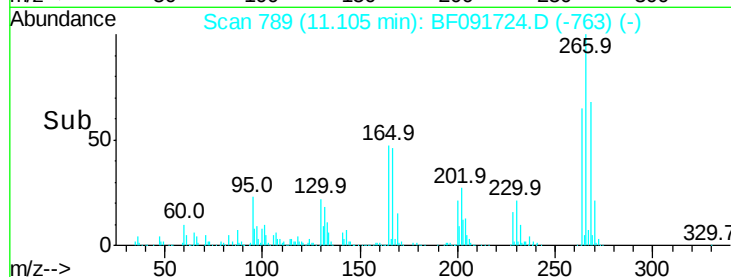
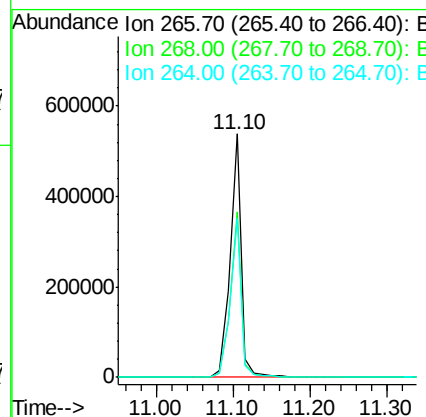
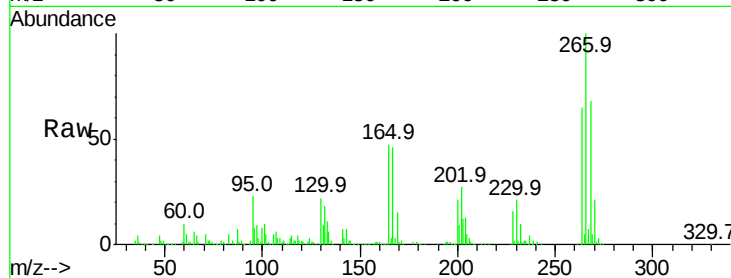
ClientSampleId :

PB95409BS

Tot Ion:	266	Resp:	562884
Ion Ratio	Lower	Upper	
266	100		
268	68.2	53.3	79.9
264	65.1	50.3	75.5

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#70

Phenanthrene

Concen: 48.50 ng m

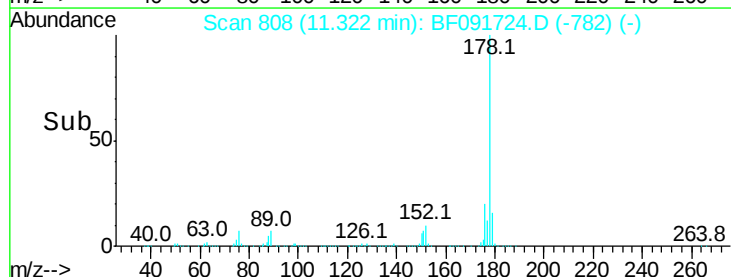
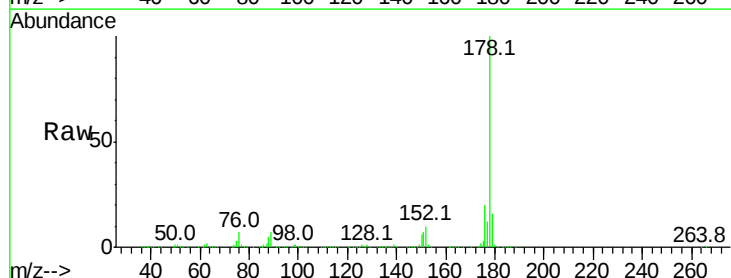
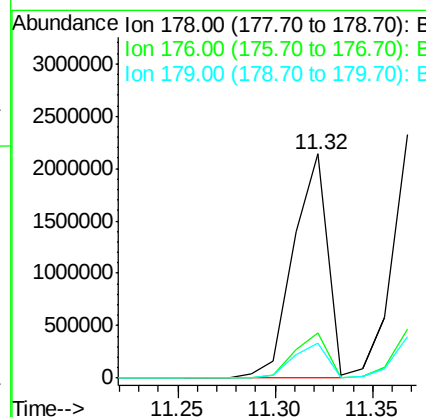
RT: 11.32 min Scan# 808

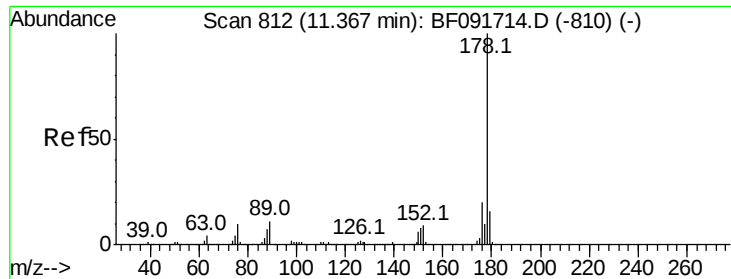
Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Tgt Ion:	178	Resp:	2580904
Ion Ratio	Lower	Upper	
178	100		
176	20.0	16.6	25.0
179	15.8	12.8	19.2





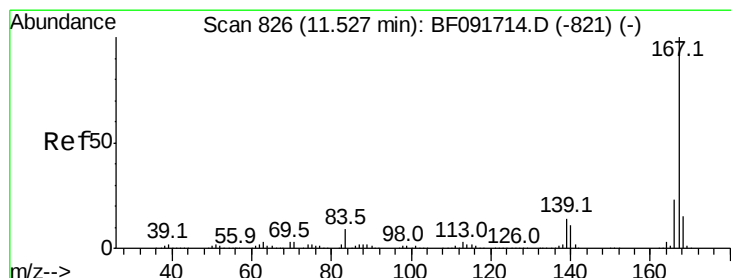
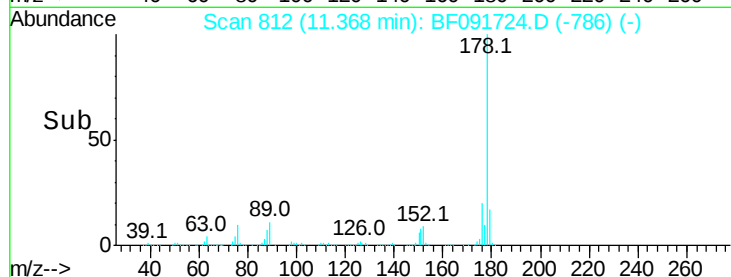
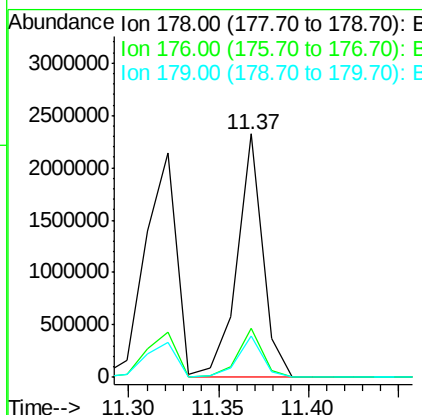
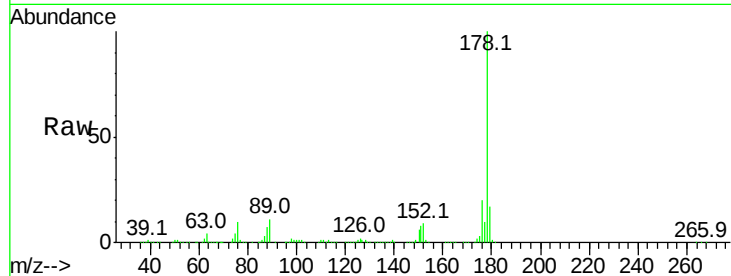
#71
 Anthracene
 Concen: 40.97 ng/mL
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

Tot Ion:178 Resp: 2308929
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.9 23.9
 179 16.7 13.2 19.8

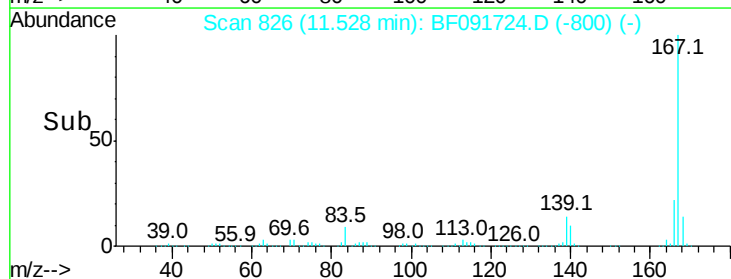
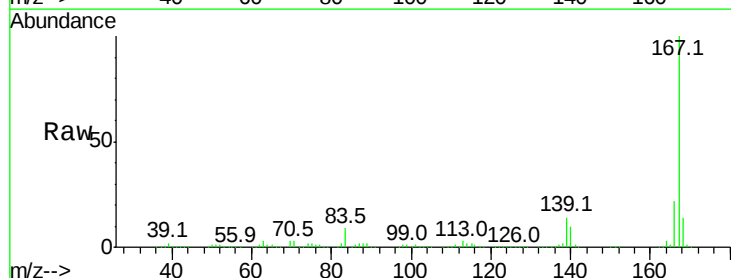
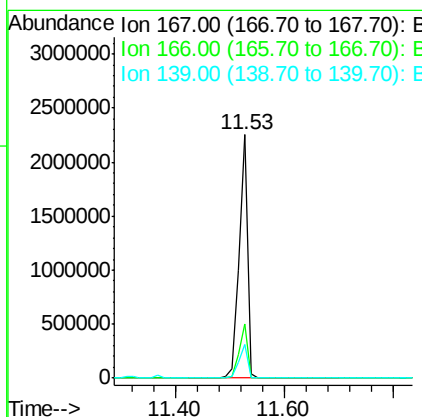
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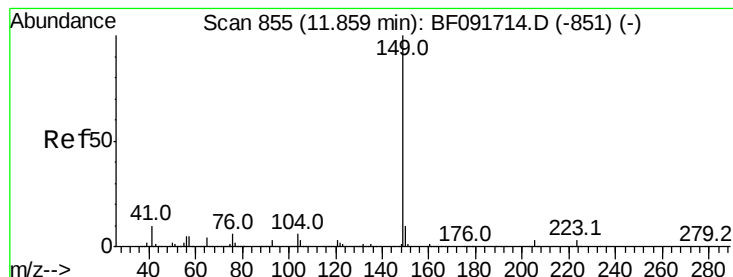
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#72
 Carbazole
 Concen: 47.85 ng/mL
 RT: 11.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion:167 Resp: 2358259
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 13.9 11.4 17.2





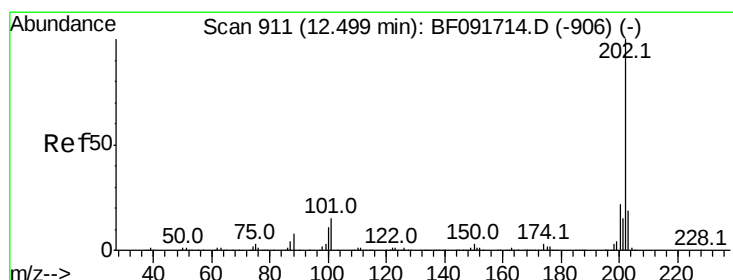
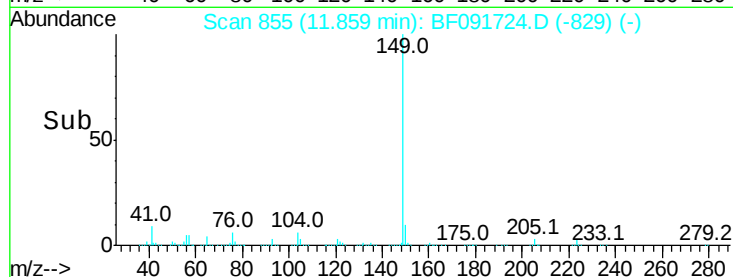
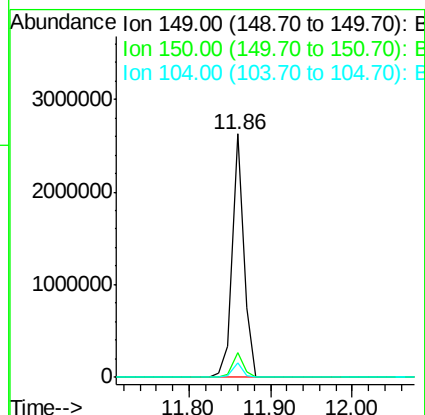
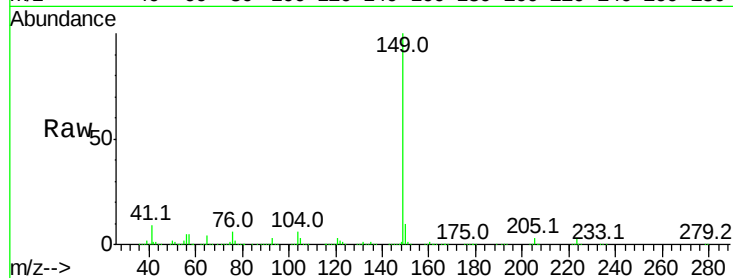
#73
Di-n-butylphthalate
Concen: 40.87 ng
RT: 11.86 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Instrument :
BNA_F
ClientSampleId :
PB95409BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.1	12.1
104	6.0	4.6	7.0

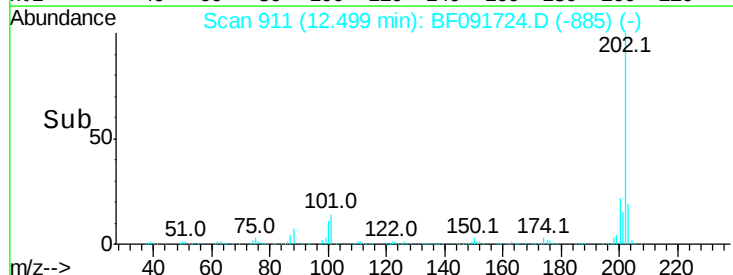
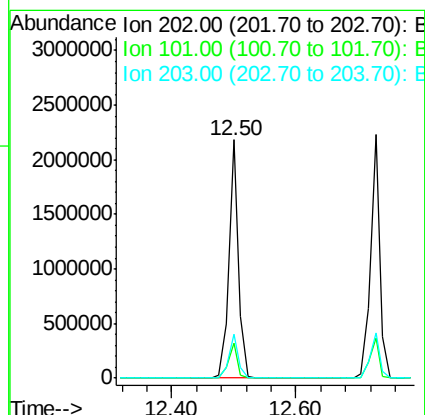
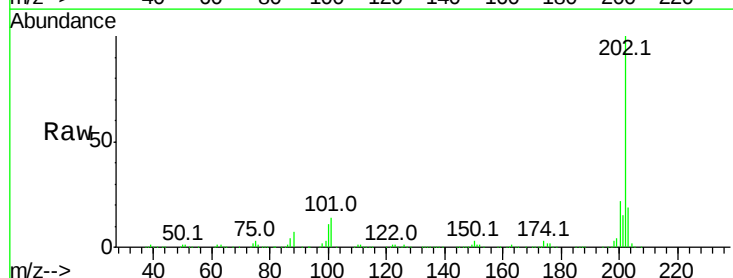
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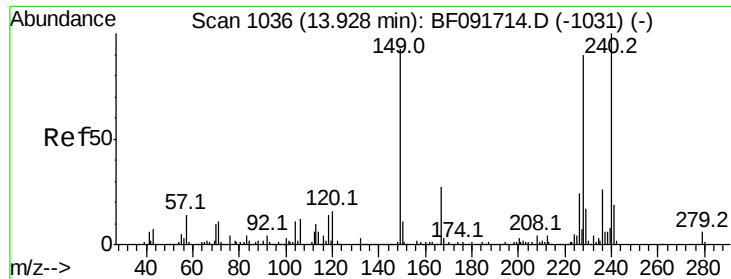
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#74
Fluoranthene
Concen: 40.88 ng
RT: 12.50 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	34.6
203	18.6	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Instrument :

BNA_F

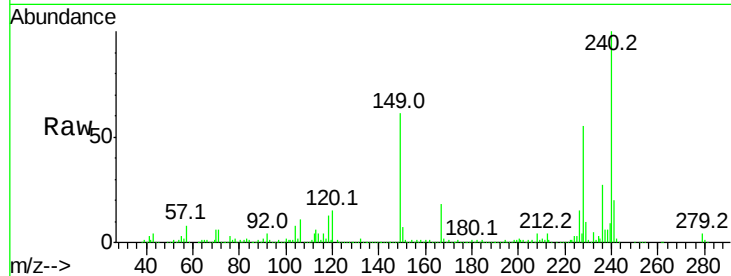
ClientSampleId :

PB95409BS

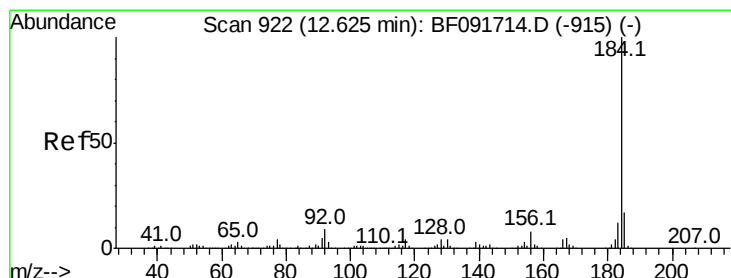
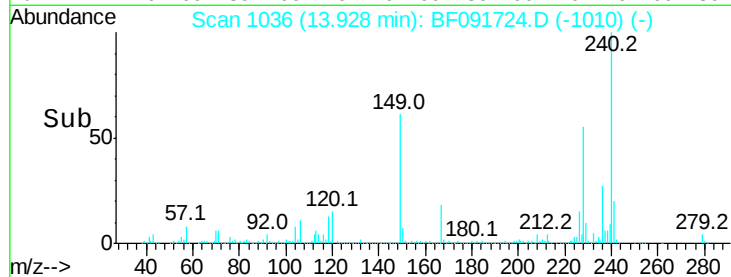
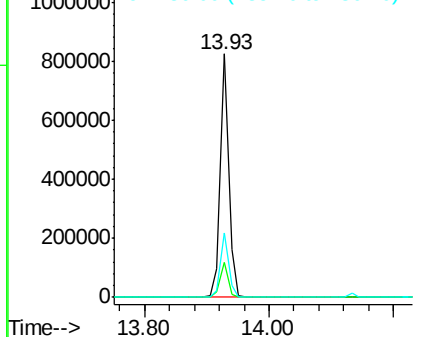
Tot Ion:	240	Resp:	760998
Ion Ratio	Lower	Upper	
240	100		
120	14.6	12.9	19.3
236	26.7	20.9	31.3

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



#76

Benzidine

Concen: 23.92 ng

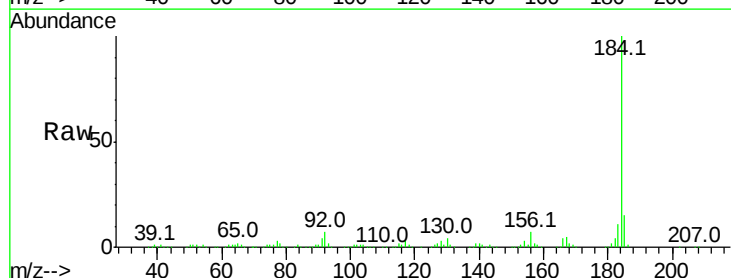
RT: 12.62 min Scan# 922

Delta R.T. 0.00 min

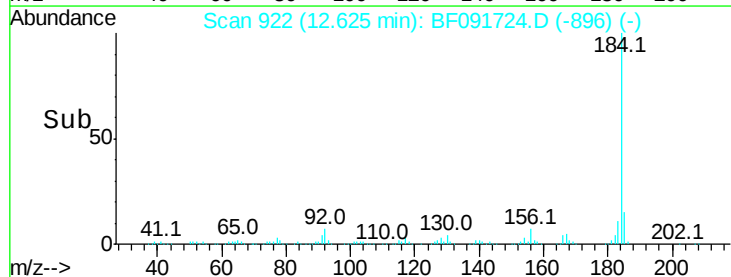
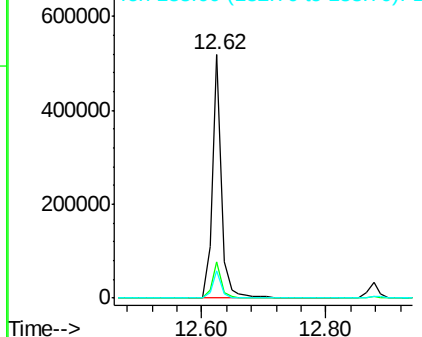
Lab File: BF091724.D

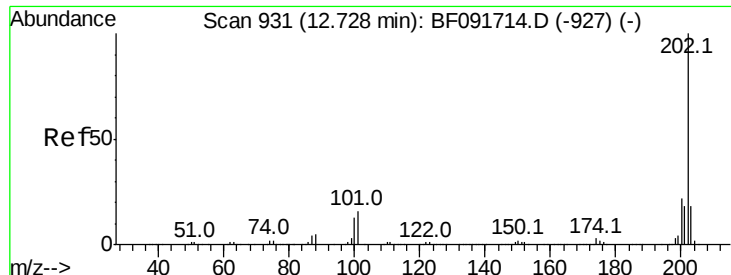
Acq: 18 Dec 2016 1:40

Tgt Ion:	184	Resp:	524073
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.4	20.0
183	11.2	9.2	13.8



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





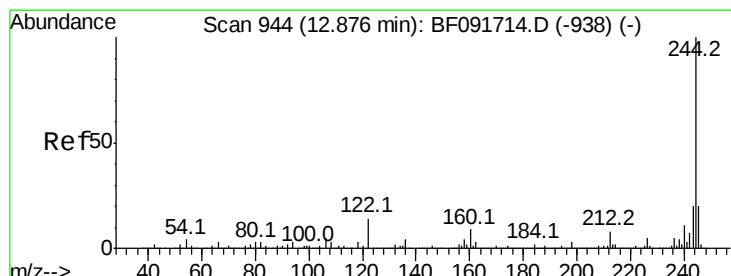
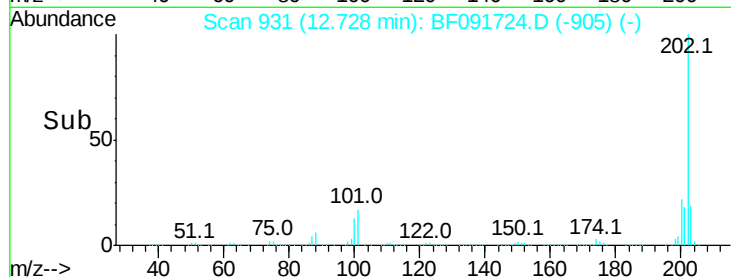
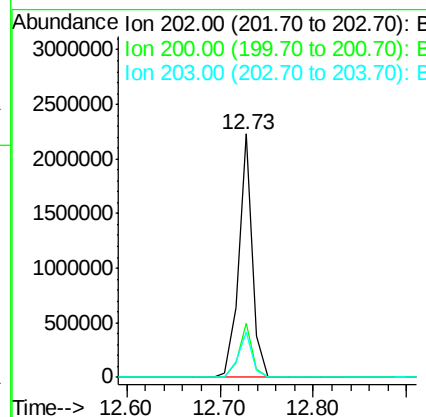
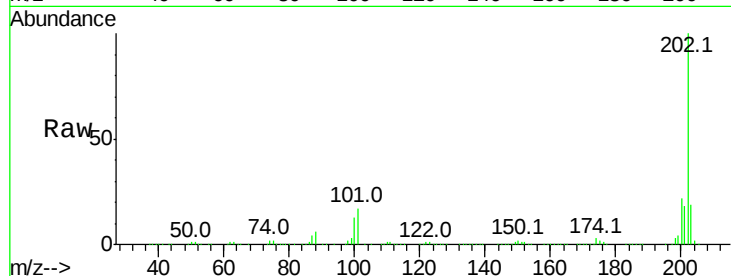
#77
Pvrene
Concen: 41.30 ng
RT: 12.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Instrument :
BNA_F
ClientSampleId :
PB95409BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.7	26.5
203	18.7	14.7	22.1

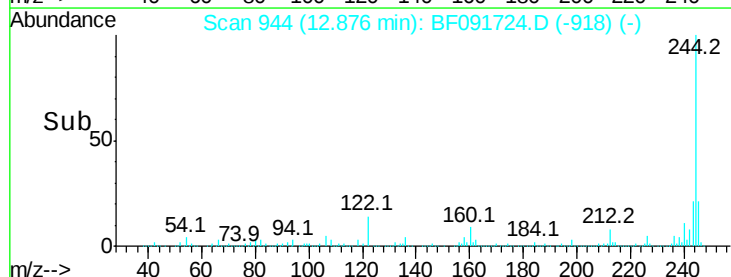
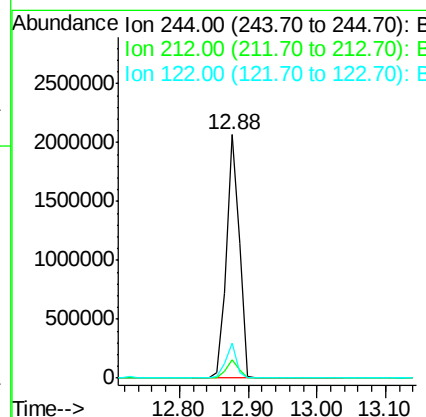
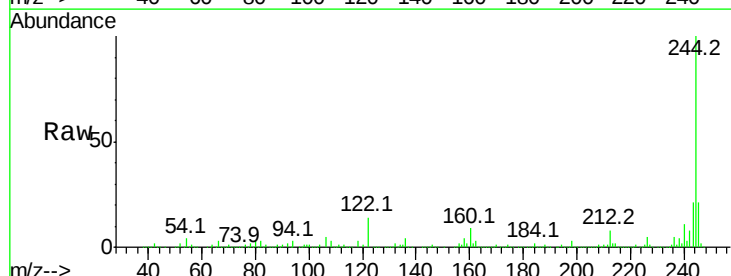
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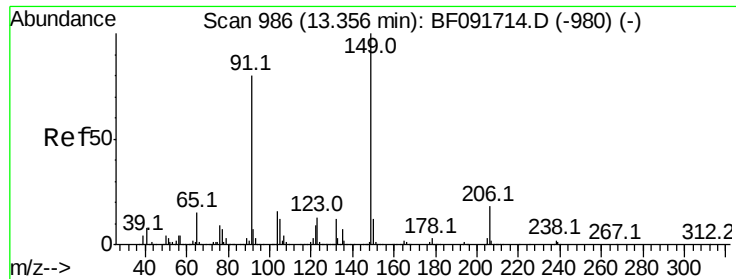
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#78
Terphenyl-d14
Concen: 91.53 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.4	11.4	17.2





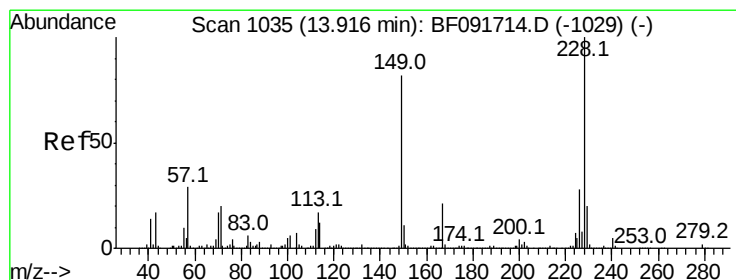
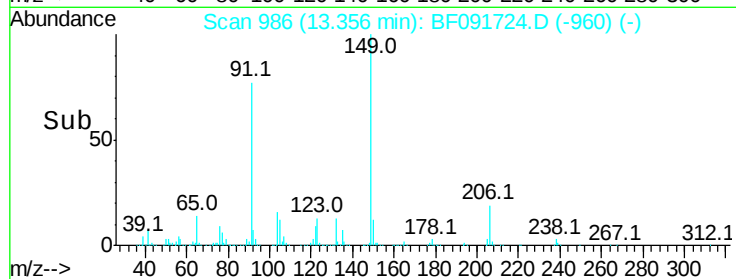
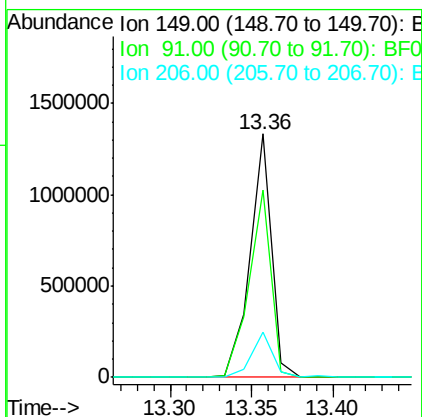
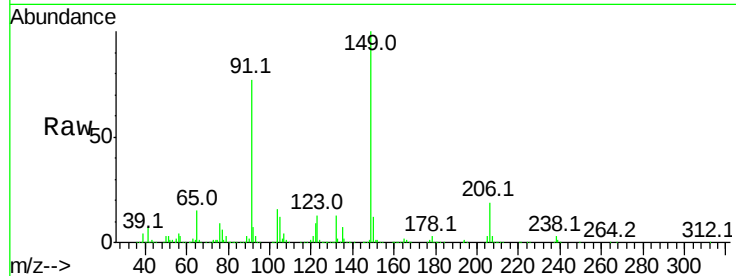
#79
Butylbenzylphthalate
Concen: 47.34 ng
RT: 13.36 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Instrument :
BNA_F
ClientSampleId :
PB95409BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.0	63.9	95.9
206	18.7	14.6	21.8

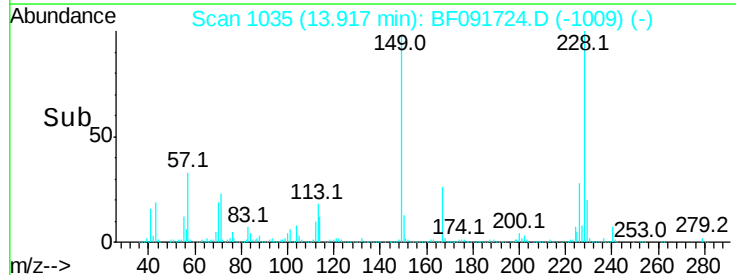
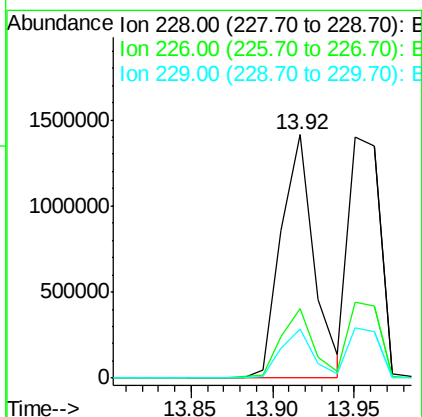
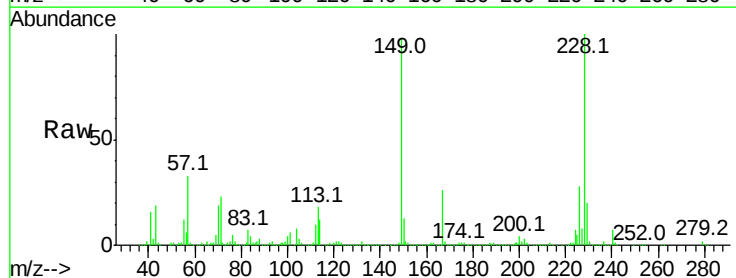
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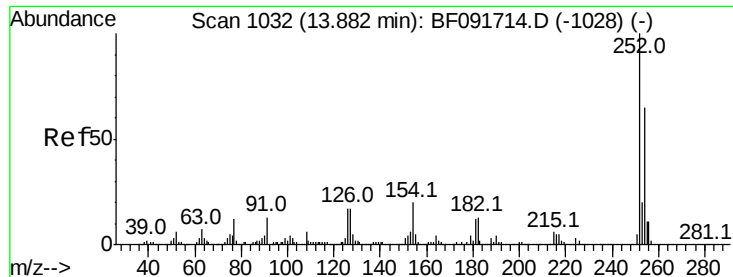
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#80
Benzo(a)anthracene
Concen: 46.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.4	33.6
229	20.3	16.2	24.4





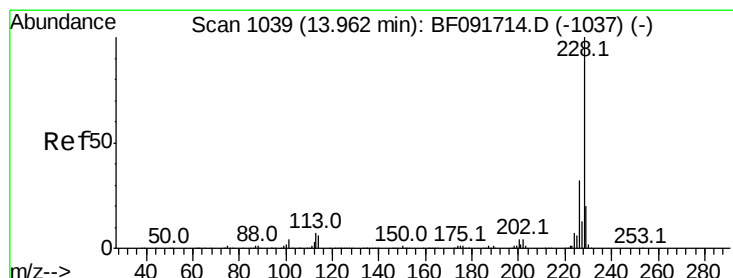
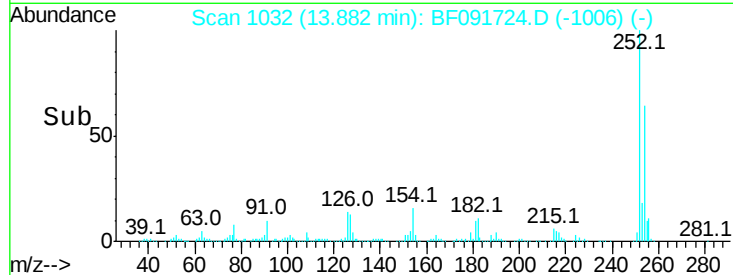
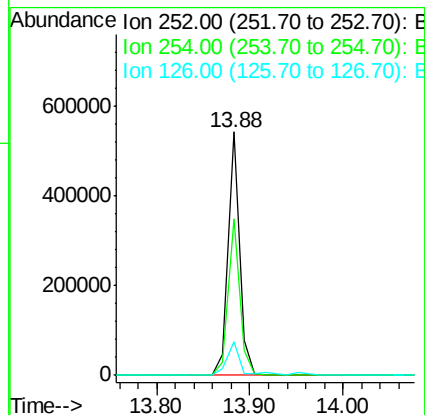
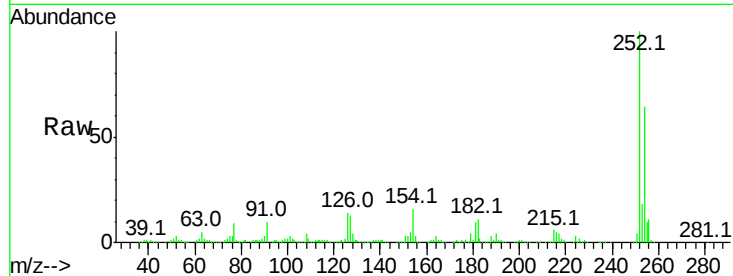
#81
 3,3'-Dichlorobenzidine
 Concen: 26.69 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	464935		
254	64.4	52.3	78.5	
126	13.6	13.6	20.4	

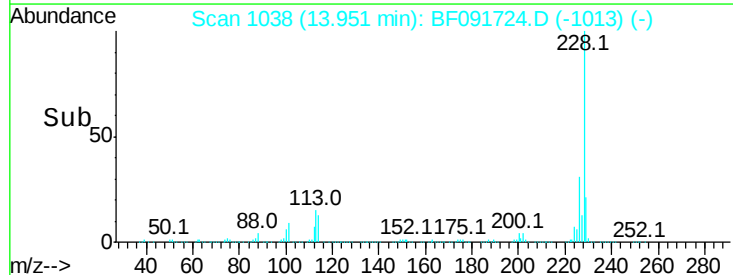
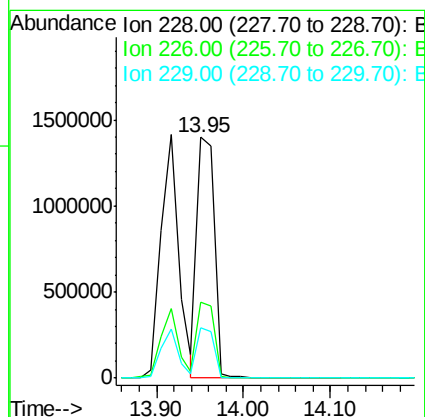
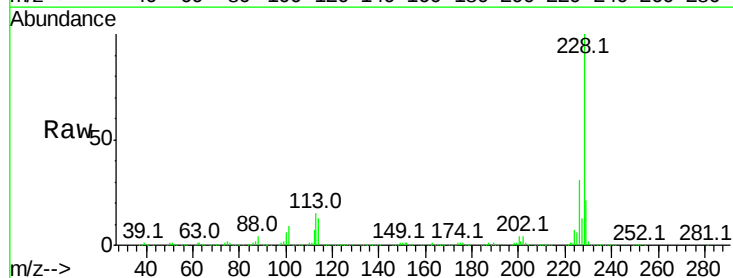
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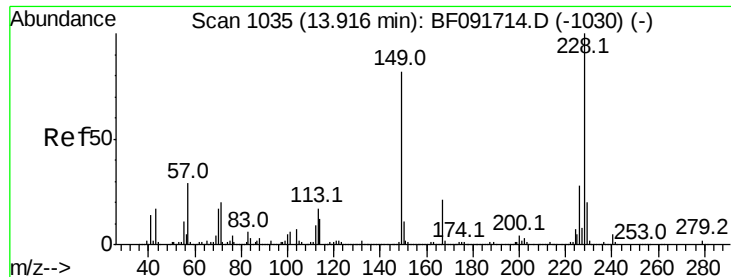
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#82
 Chrysene
 Concen: 42.63 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1923559		
226	31.3	25.4	38.0	
229	20.7	16.2	24.2	





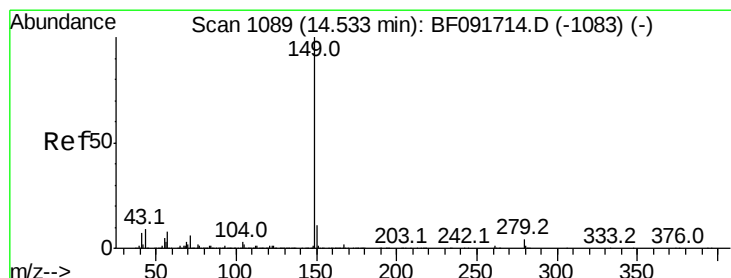
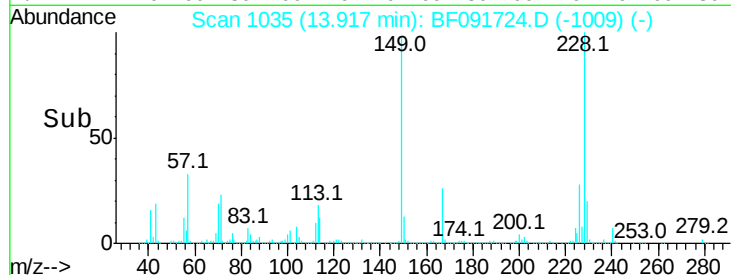
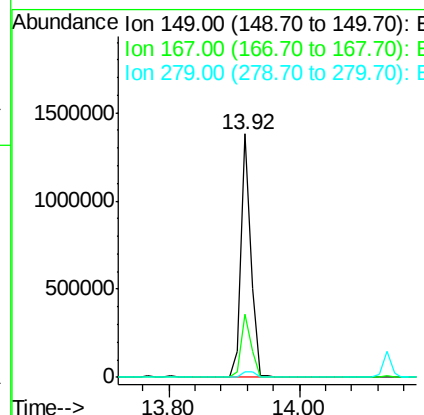
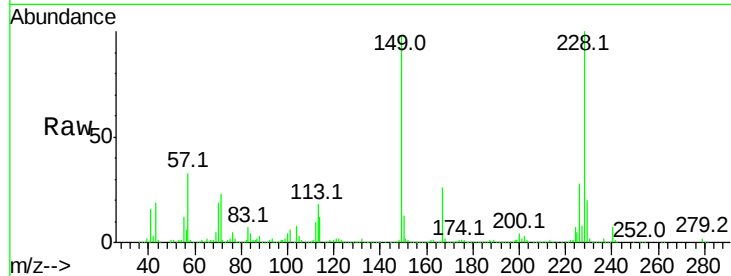
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.31 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

Tot Ion:149 Resp: 1412961
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.2 30.4
 279 2.5 1.8 2.8

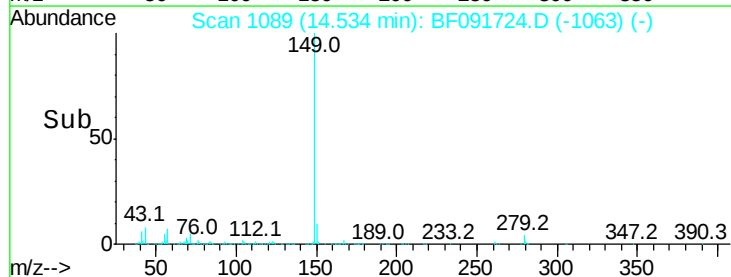
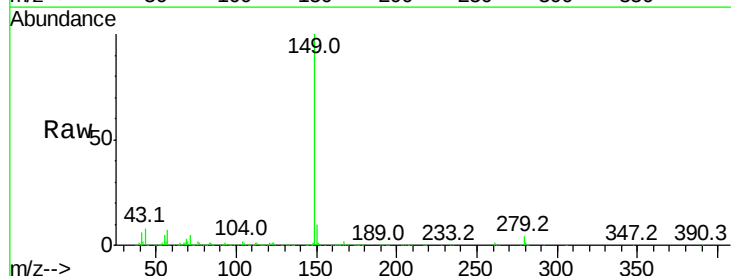
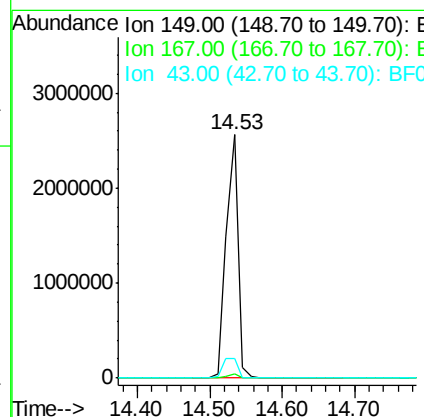
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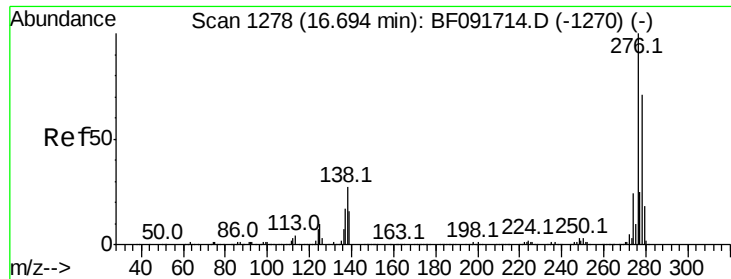
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#84
 Di-n-octyl phthalate
 Concen: 48.46 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Tgt Ion:149 Resp: 2913497
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.5 8.9 13.3





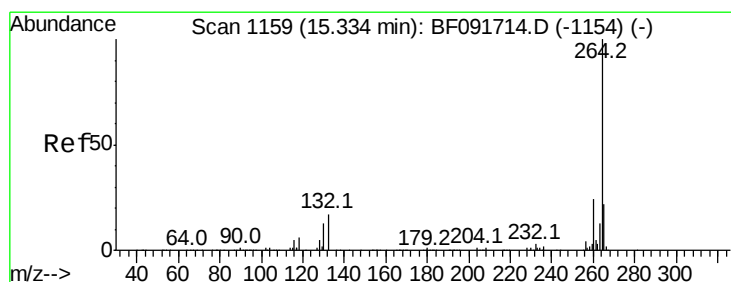
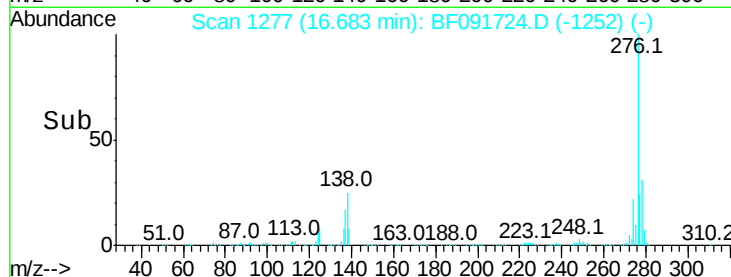
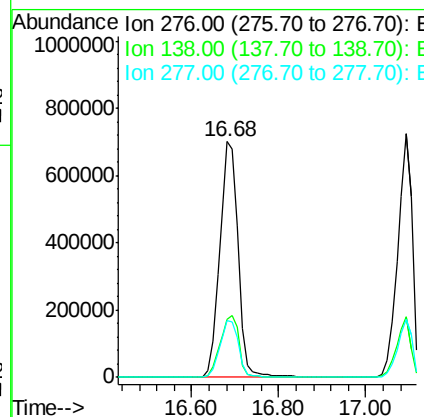
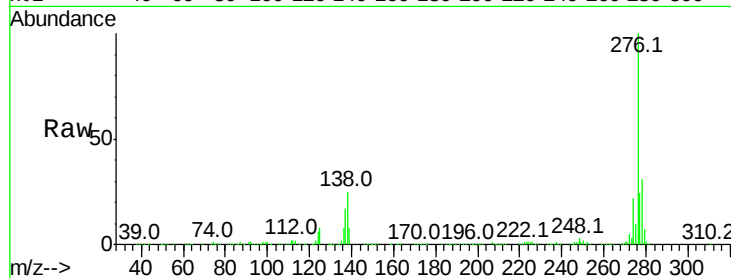
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.45 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Instrument :
BNA_F
ClientSampleId :
PB95409BS

Tot Ion:276 Resp: 2104994
Ion Ratio Lower Upper
276 100
138 26.9 21.8 32.6
277 24.6 20.2 30.4

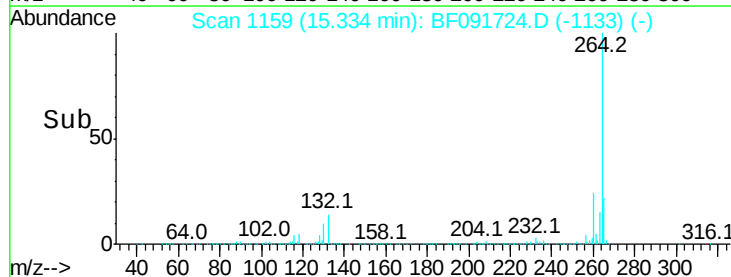
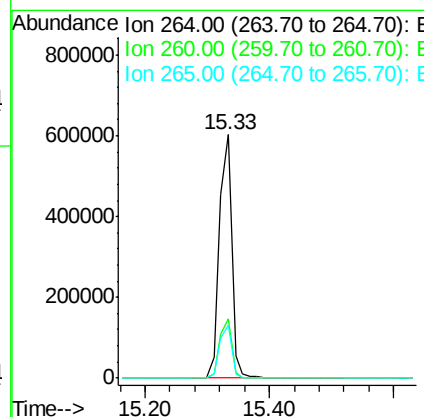
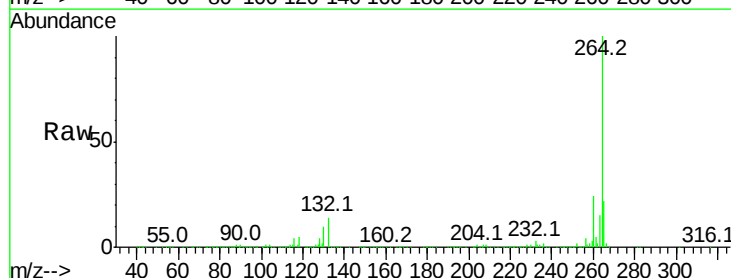
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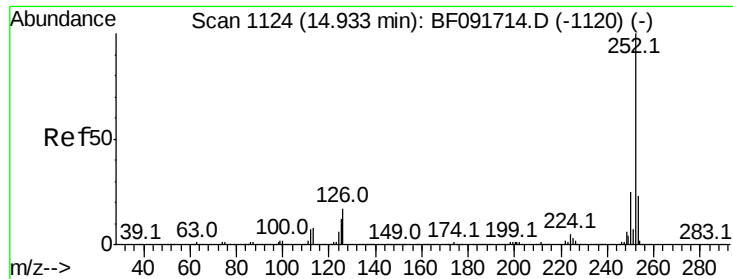
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion:264 Resp: 817335
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.8 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 39.24 ng m

RT: 14.93 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

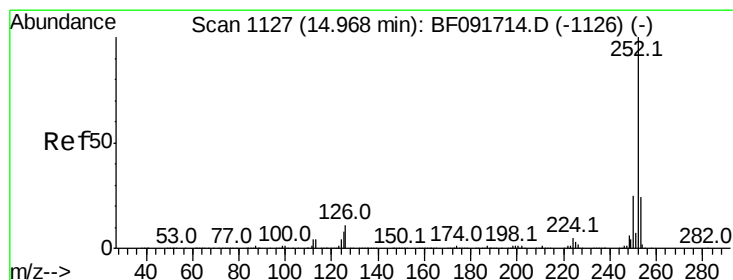
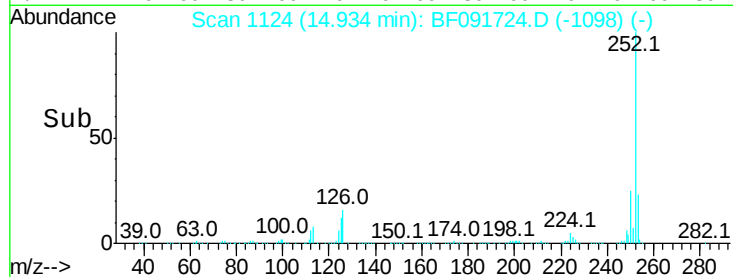
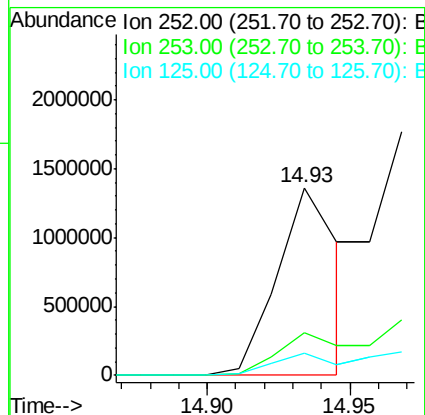
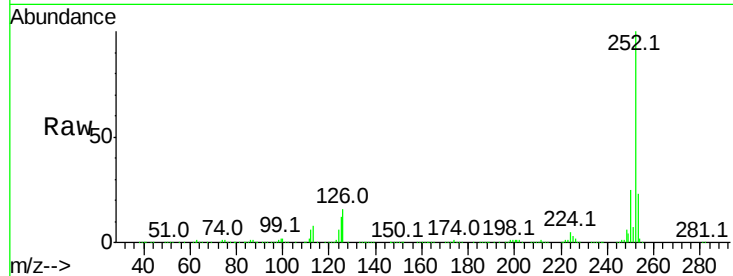
Instrument :
BNA_F

ClientSampleId :
PB95409BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	11.6	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 55.62 ng m

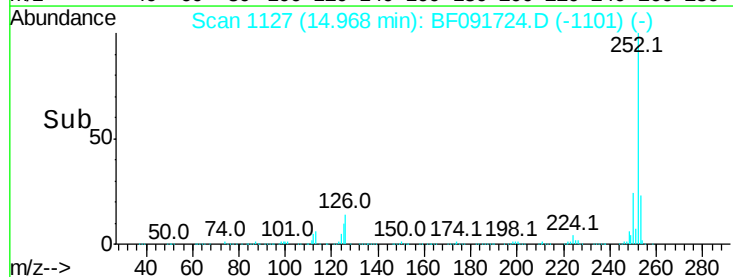
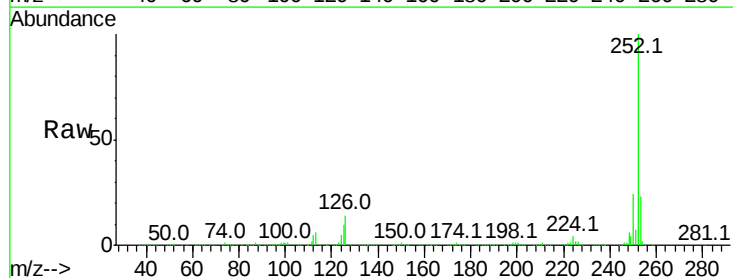
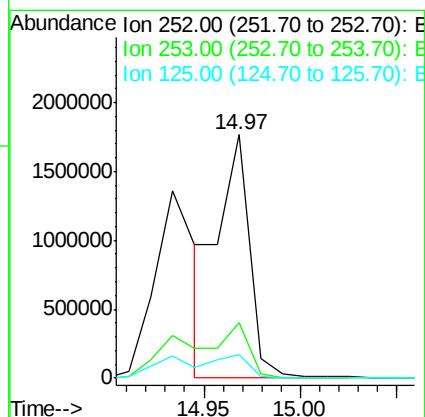
RT: 14.97 min Scan# 1127

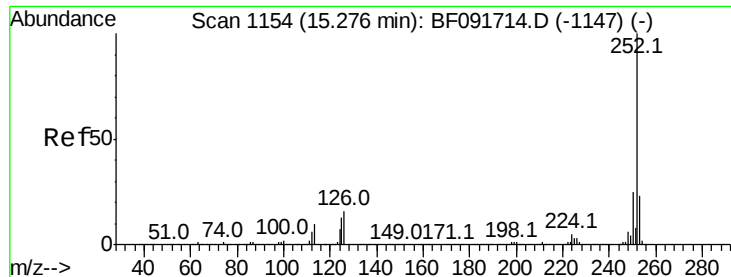
Delta R.T. 0.00 min

Lab File: BF091724.D

Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	9.9	8.9	13.3





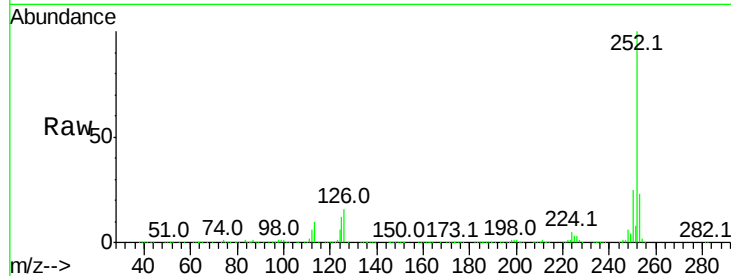
#89
Benzo(a)pyrene
Concen: 43.15 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Instrument :
BNA_F
ClientSampleId :
PB95409BS

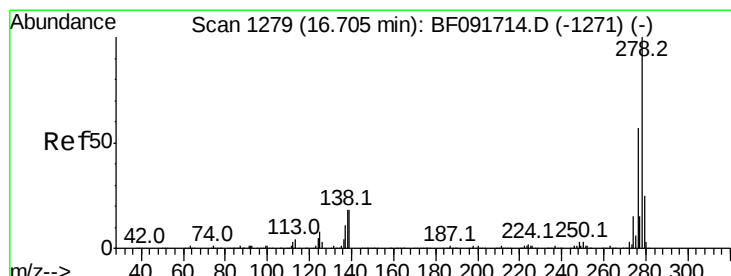
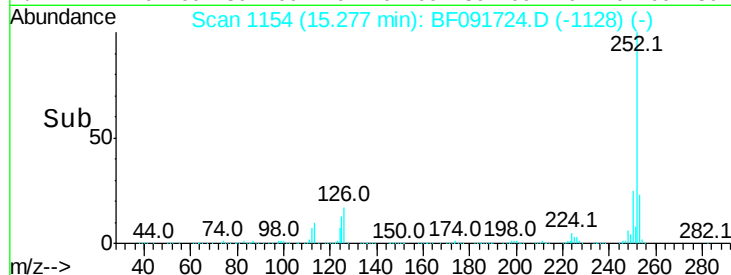
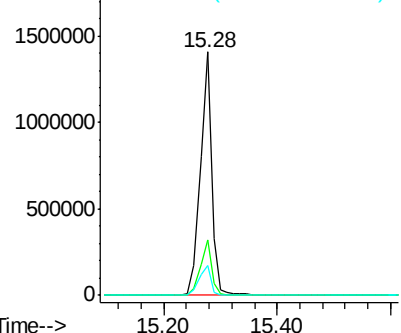
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	12.4	10.0	15.0

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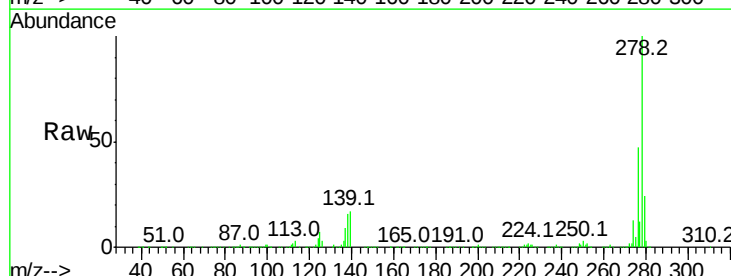


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

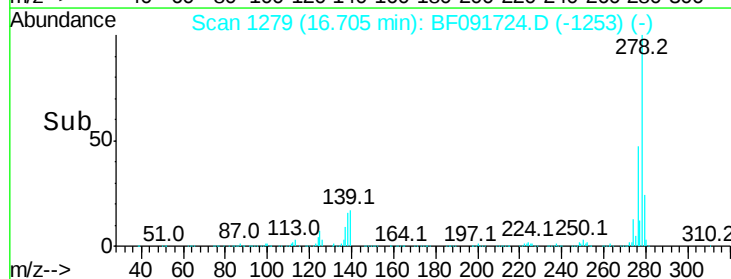
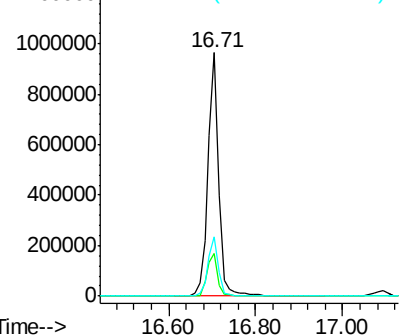


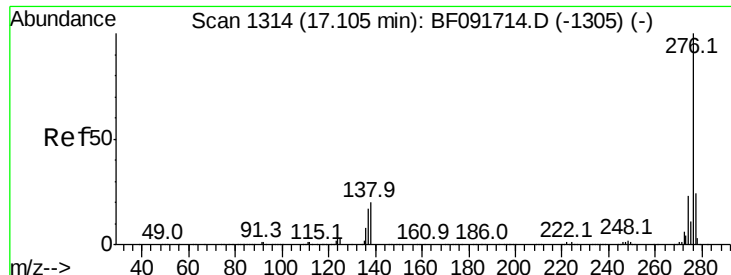
#90
Dibenzo(a,h)anthracene
Concen: 43.57 ng
RT: 16.71 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF091724.D
Acq: 18 Dec 2016 1:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.8	22.2
279	24.4	19.8	29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 43.94 ng
 RT: 17.09 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF091724.D
 Acq: 18 Dec 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 PB95409BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	24.6	16.0	24.0

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