

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
 Data File : BF091784.D
 Acq On : 19 Dec 2016 20:25
 Operator : UM/SJ
 Sample : PB95441BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

Manual Integrations
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Quant Time: Dec 20 00:14:48 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	6.76	152	257597	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	1019583	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	544349	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	848645	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	550381	20.00	ng	-0.01
86) Perylene-d12	15.31	264	545783	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1955967	127.21	ng	0.01
7) Phenol-d6	6.41	99	2287903	122.01	ng	-0.01
23) Nitrobenzene-d5	7.33	82	1624096	91.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	510371	110.57	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2442787	90.16	ng	-0.01
78) Terphenyl-d14	12.87	244	2078942	95.37	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.42	88	330940	43.71	ng	97
3) Pyridine	3.09	79	872402	35.76	ng	96
4) n-Nitrosodimethylamine	3.06	42	393273	41.66	ng	99
6) Aniline	6.42	93	247769	10.27	ng	# 1
8) 2-Chlorophenol	6.54	128	667610	39.45	ng	98
9) Benzaldehyde	6.30	77	101509	6.75	ng	94
10) Phenol	6.42	94	688408	32.57	ng	88
11) bis(2-Chloroethyl)ether	6.50	93	634824	37.61	ng	98
12) 1,3-Dichlorobenzene	6.69	146	716509	38.55	ng	# 89
13) 1,4-Dichlorobenzene	6.77	146	706933	37.59	ng	100
14) 1,2-Dichlorobenzene	6.93	146	702935	42.67	ng	98
15) Benzyl Alcohol	6.91	79	582303	40.11	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	983638	38.13	ng	100
17) 2-Methylphenol	7.04	107	570385	40.33	ng	97
18) Hexachloroethane	7.28	117	277336	39.69	ng	95
19) n-Nitroso-di-n-propylamine	7.18	70	495794	39.75	ng	96
20) 3+4-Methylphenols	7.18	107	705462	44.72	ng	# 83
22) Acetophenone	7.17	105	959137	38.96	ng	97
24) Nitrobenzene	7.34	77	712925	37.55	ng	97
25) Isophorone	7.58	82	1376637	40.81	ng	95
26) 2-Nitrophenol	7.66	139	389365	42.51	ng	95
27) 2,4-Dimethylphenol	7.71	122	625976	41.89	ng	100
28) bis(2-Chloroethoxy)methane	7.80	93	855583	43.35	ng	99
29) 2,4-Dichlorophenol	7.90	162	553638	40.18	ng	87
30) 1,2,4-Trichlorobenzene	7.98	180	582075	38.98	ng	# 95
31) Naphthalene	8.06	128	1839069	37.75	ng	100
32) Benzoic acid	7.85	122	373403	35.07	ng	95
33) 4-Chloroaniline	8.12	127	108810	5.30	ng	95
34) Hexachlorobutadiene	8.19	225	334348	39.82	ng	99
35) Caprolactam	8.50	113	191970m	43.29	ng	
36) 4-Chloro-3-methylphenol	8.61	107	594274	39.09	ng	99
37) 2-Methylnaphthalene	8.76	142	1337429	43.55	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	528727	38.97	ng	99
40) Hexachlorocyclopentadiene	8.91	237	464397	80.75	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	395733	40.82	nq	99
43) 2,4,5-Trichlorophenol	9.09	196	391989	41.16	nq	# 85
45) 1,1'-Biphenyl	9.23	154	1546142	39.63	nq	97
46) 2-Chloronaphthalene	9.25	162	1177649	40.39	nq	95
47) 2-Nitroaniline	9.34	65	372490	37.42	nq	97
48) Acenaphthylene	9.66	152	1901396	42.09	nq	99
49) Dimethylphthalate	9.53	163	1323114	37.21	nq	99
50) 2,6-Dinitrotoluene	9.58	165	306268	39.28	nq	# 64
51) Acenaphthene	9.84	154	1245688	40.17	nq	99
52) 3-Nitroaniline	9.76	138	76142	7.84	nq	80
53) 2,4-Dinitrophenol	9.87	184	295033	70.05	nq	96
54) Dibenzofuran	10.01	168	1684315	45.68	nq	97
55) 4-Nitrophenol	9.94	139	561108	83.24	nq	# 80
56) 2,4-Dinitrotoluene	10.00	165	435392	44.71	nq	96
57) Fluorene	10.35	166	1262472	44.08	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	305737	38.83	nq	99
59) Diethylphthalate	10.22	149	1314731	37.61	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	511829	39.24	nq	97
61) 4-Nitroaniline	10.37	138	334582	36.38	nq	93
62) Azobenzene	10.50	77	1508894	40.57	nq	98
64) 4,6-Dinitro-2-methylphenol	10.41	198	196587	35.12	nq	81
65) n-Nitrosodiphenylamine	10.46	169	1169898	44.39	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	384831	43.24	nq	# 88
67) Hexachlorobenzene	10.90	284	386972	41.50	nq	# 85
68) Atrazine	10.99	200	327753	41.16	nq	97
69) Pentachlorophenol	11.09	266	409254	81.33	nq	99
70) Phenanthrene	11.30	178	1740676	41.05	nq	98
71) Anthracene	11.36	178	1911129	42.55	nq	99
72) Carbazole	11.52	167	1772158	45.12	nq	97
73) Di-n-butylphthalate	11.85	149	1981452	39.35	nq	99
74) Fluoranthene	12.49	202	1847578	41.72	nq	96
76) Benzidine	12.61	184	266797	16.84	nq	97
77) Pyrene	12.72	202	1889493	47.54	nq	100
79) Butylbenzylphthalate	13.35	149	903721	48.58	nq	# 81
80) Benzo(a)anthracene	13.89	228	1363812	43.32	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	188650	14.98	nq	99
82) Chrysene	13.94	228	1465864	44.92	nq	100
83) Bis(2-ethylhexyl)phthalate	13.91	149	1040320	44.09	nq	# 97
84) Di-n-octyl phthalate	14.51	149	1863126	42.85	nq	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	1212811	37.80	nq	100
87) Benzo(b)fluoranthene	14.91	252	1684300m	48.67	nq	
88) Benzo(k)fluoranthene	14.95	252	937039m	38.59	nq	
89) Benzo(a)pyrene	15.25	252	1225782	41.27	nq	98
90) Dibenzo(a,h)anthracene	16.67	278	1006585	38.88	nq	# 95
91) Benzo(g,h,i)perylene	17.06	276	1032239	39.23	nq	99

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

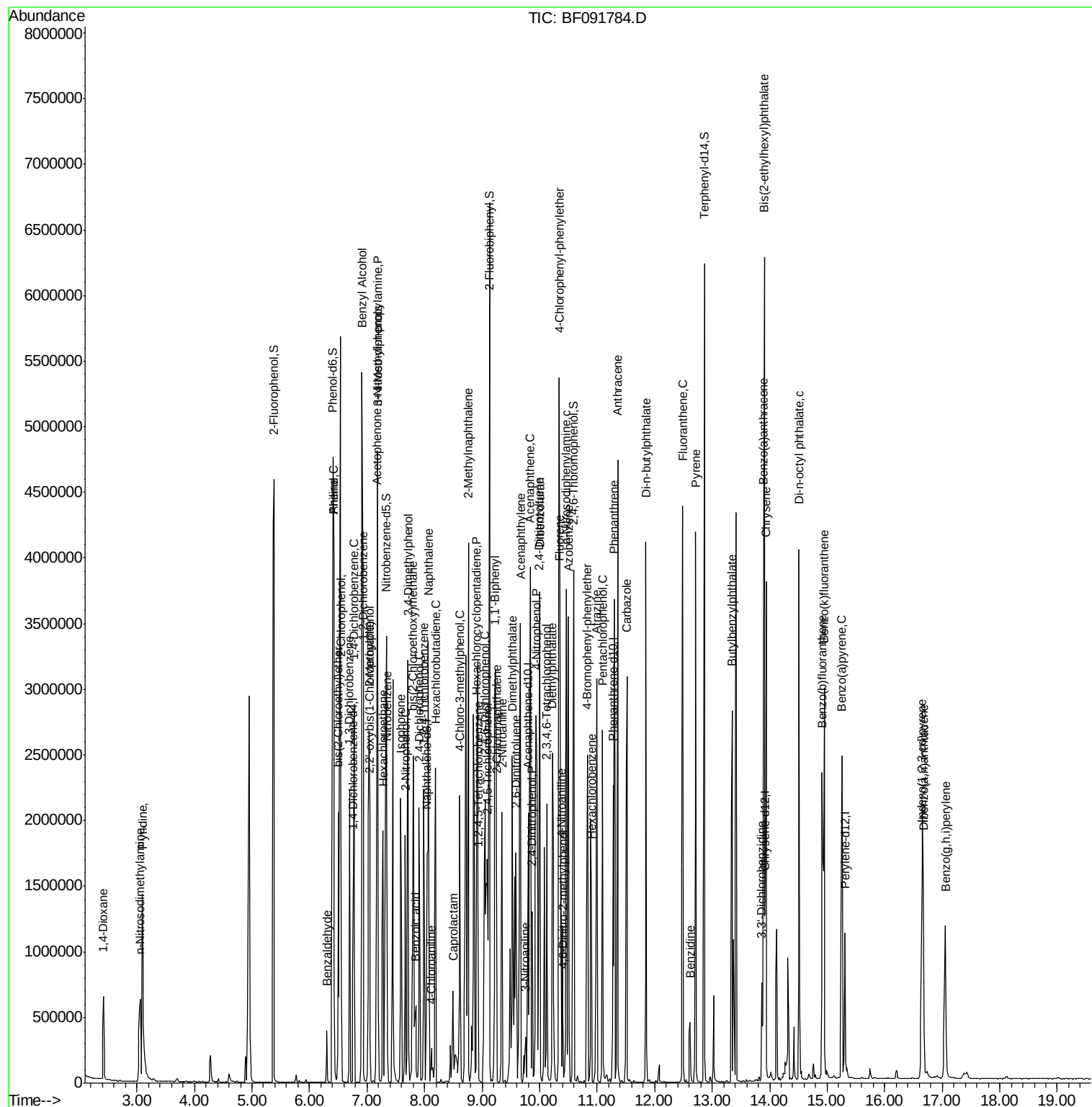
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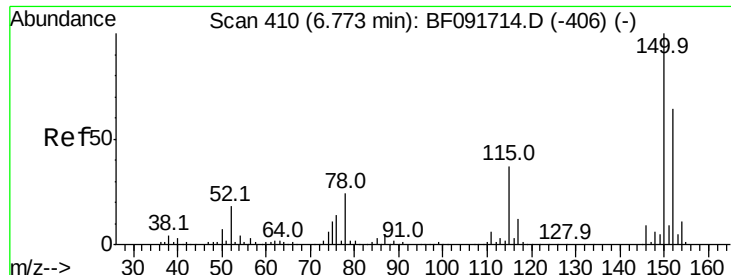
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

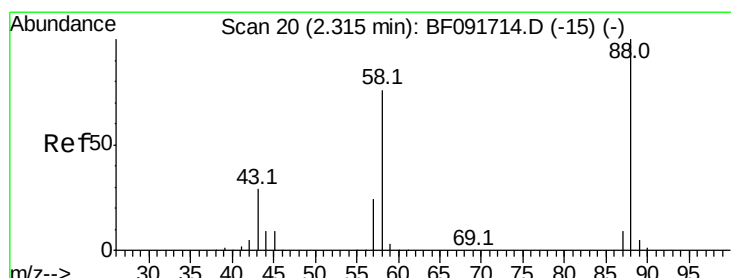
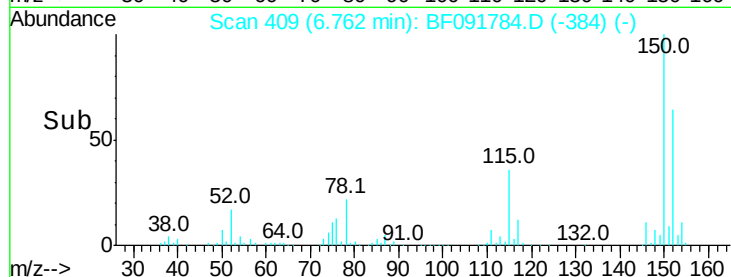
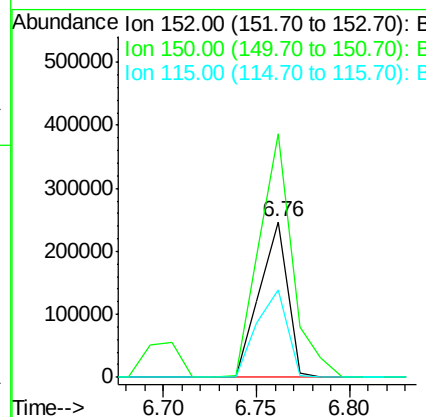
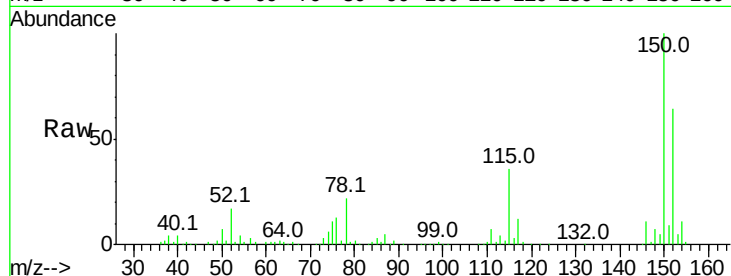
ClientSampleId :

PB95441BS

Tot Ion:	152	Resp:	257597
Ion Ratio	Lower	Upper	
152	100		
150	156.5	124.9	187.3
115	56.6	46.0	69.0

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#2

1,4-Dioxane

Concen: 43.71 ng

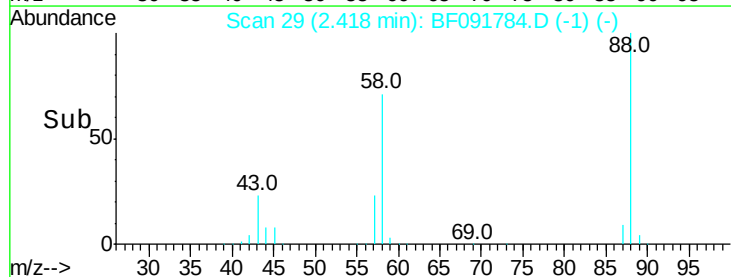
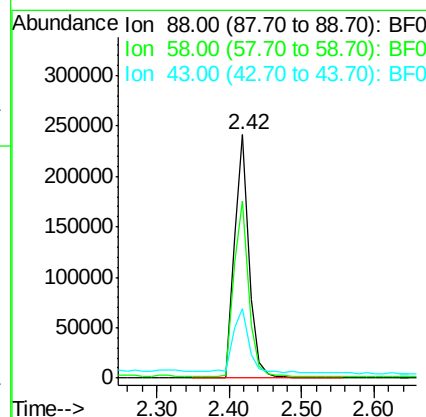
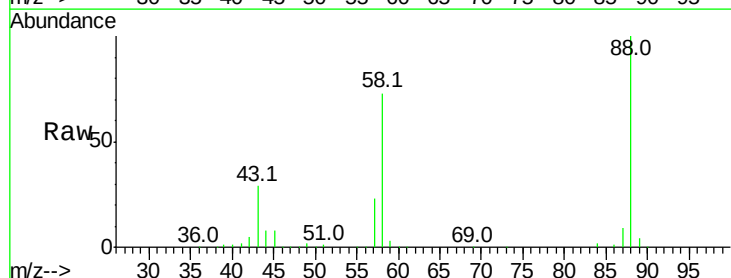
RT: 2.42 min Scan# 29

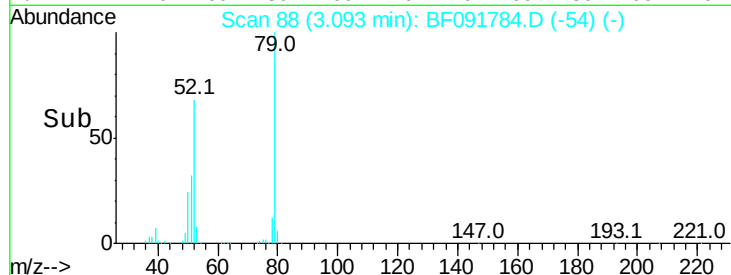
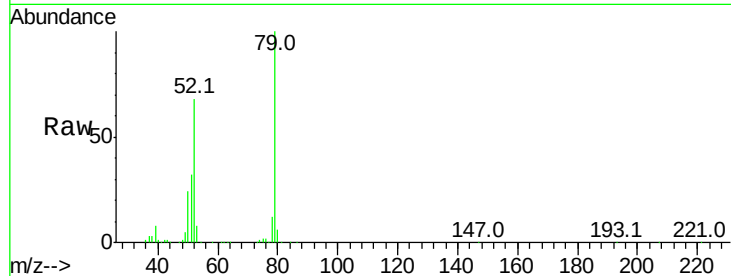
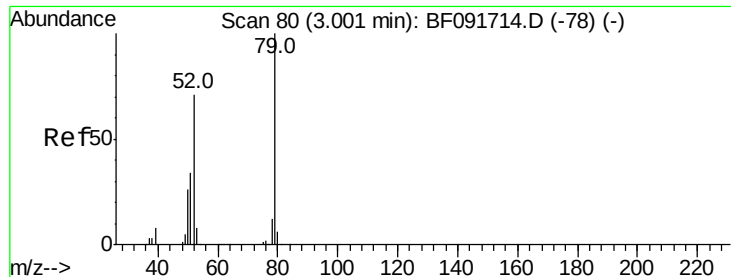
Delta R.T. 0.10 min

Lab File: BF091784.D

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Tgt Ion:	88	Resp:	330940
Ion Ratio	Lower	Upper	
88	100		
58	74.5	57.8	86.8
43	30.3	22.3	33.5





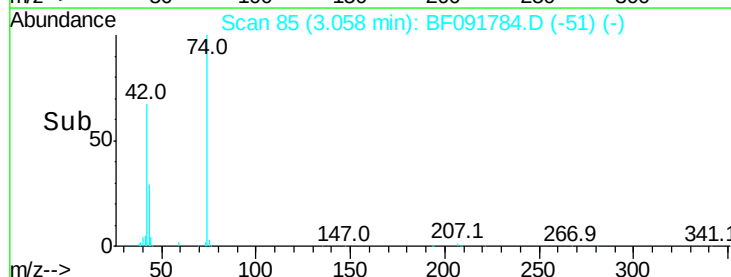
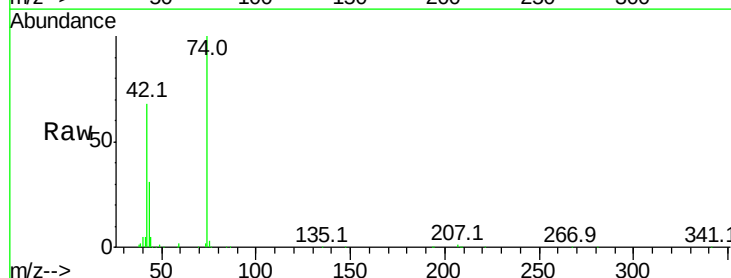
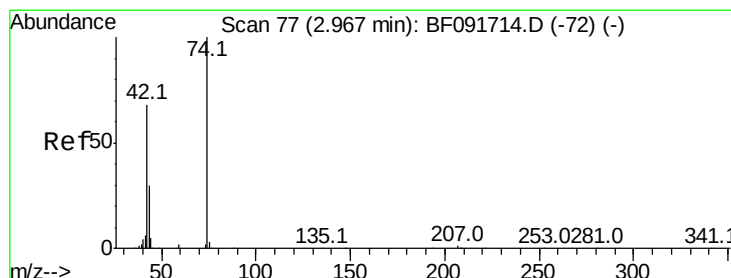
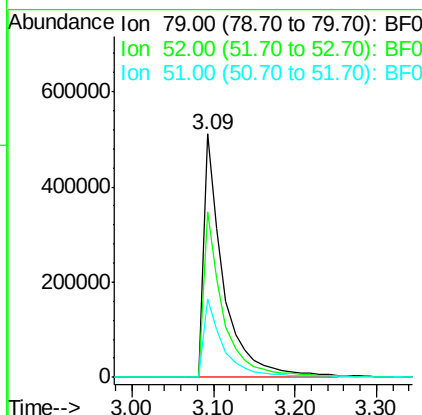
#3
Pvridine
Concen: 35.76 ng
RT: 3.09 min Scan# 88
Delta R.T. 0.09 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.0	57.1	85.7
51	32.5	27.3	40.9

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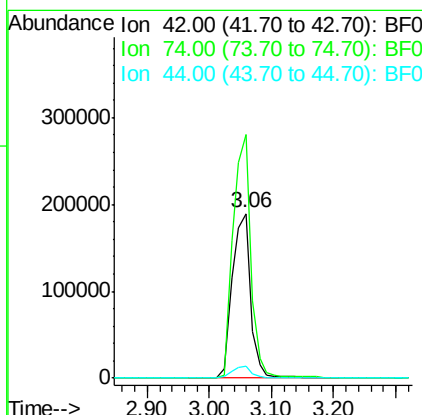
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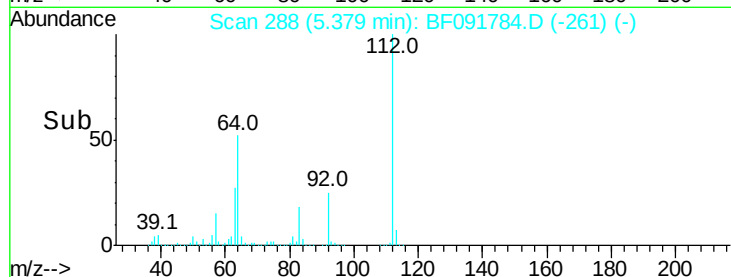
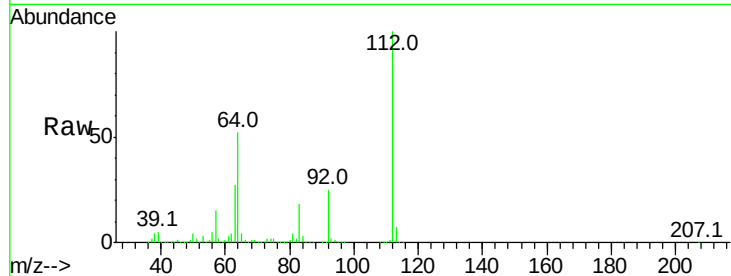
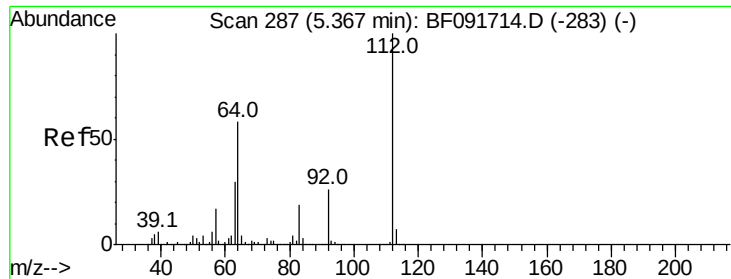
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#4
n-Nitrosodimethylamine
Concen: 41.66 ng
RT: 3.06 min Scan# 85
Delta R.T. 0.09 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.0	117.0	175.4
44	6.9	5.5	8.3





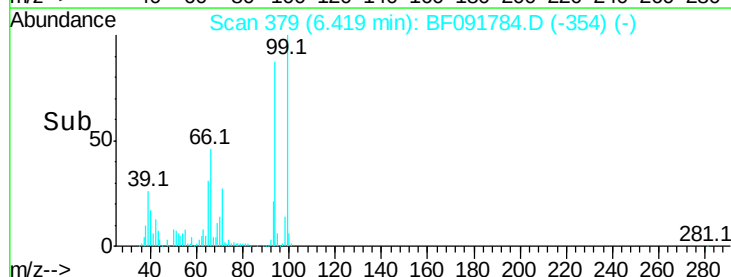
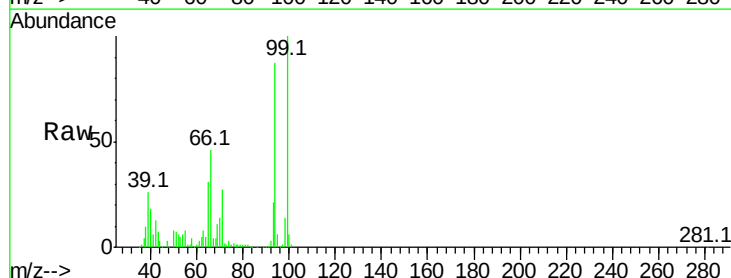
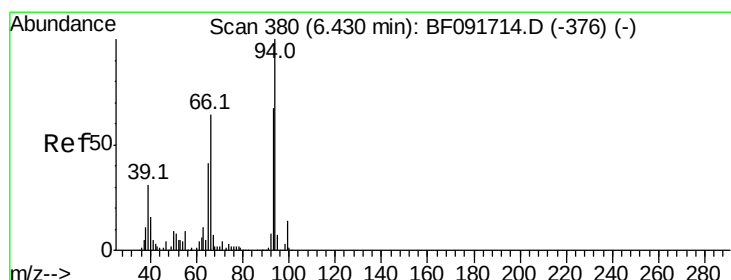
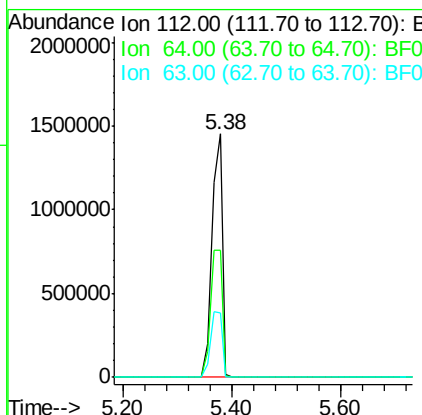
#5
2-Fluorophenol
Concen: 127.21 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tot Ion: 112 Resp: 1955967
Ion Ratio Lower Upper
112 100
64 52.1 46.1 69.1
63 26.5 23.8 35.6

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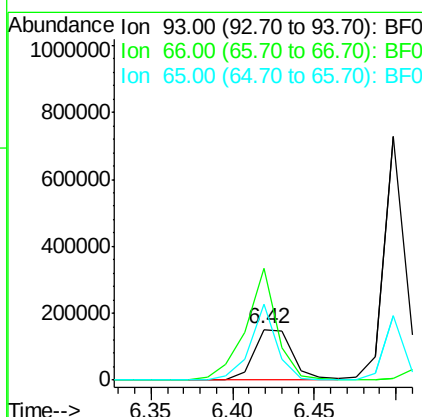
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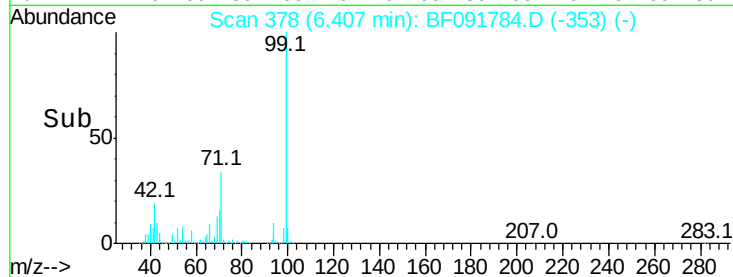
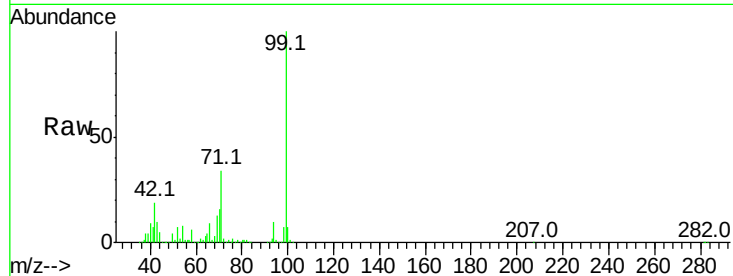
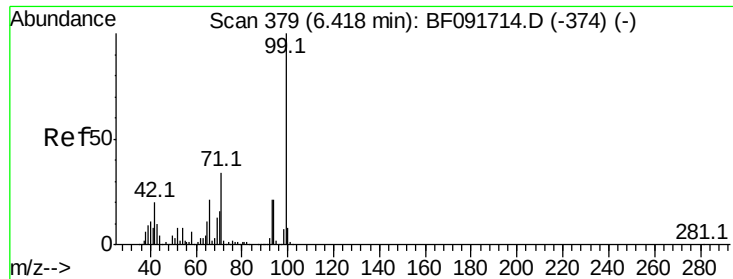
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#6
Aniline
Concen: 10.27 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion: 93 Resp: 247769
Ion Ratio Lower Upper
93 100
66 220.1 76.2 114.2#
65 150.4 49.3 73.9#





#7

Phenol-d6

Concen: 122.01 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Tot Ion:	99	Resp:	2287903
Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.6	23.4
71	34.5	27.5	41.3

Instrument :

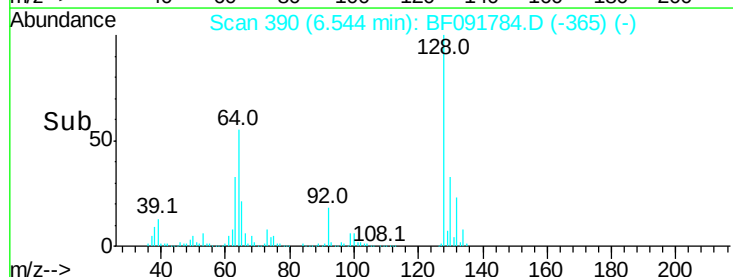
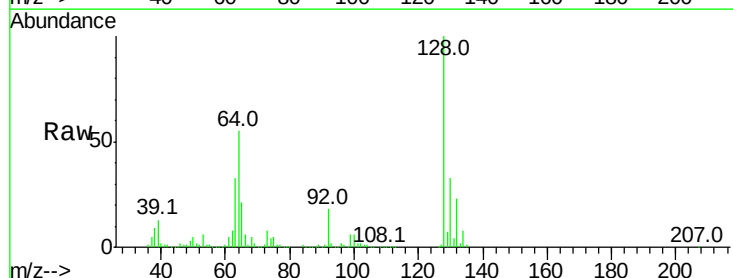
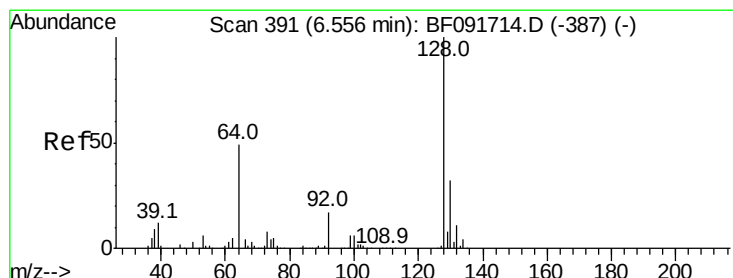
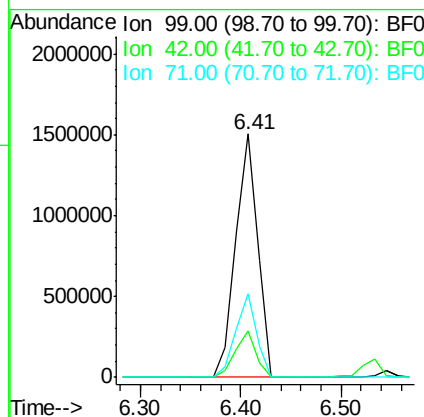
BNA_F

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#8

2-Chlorophenol

Concen: 39.45 ng

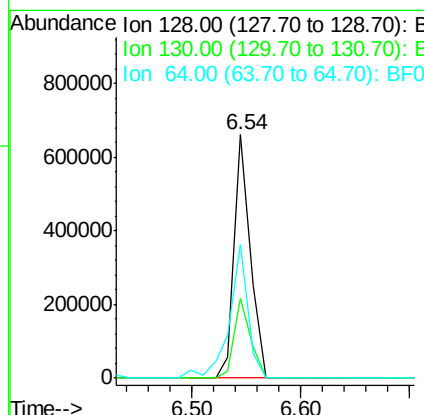
RT: 6.54 min Scan# 390

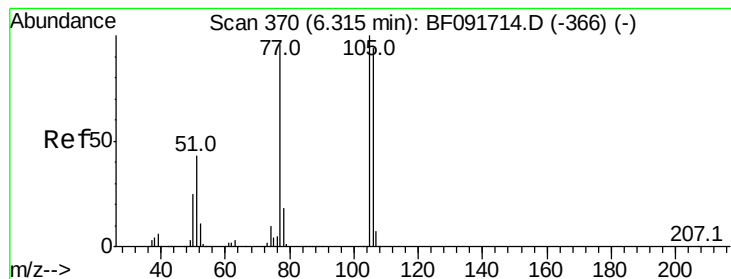
Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Tgt Ion:	128	Resp:	667610
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	54.6	32.2	72.2





#9

Benzaldehyde

Concen: 6.75 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

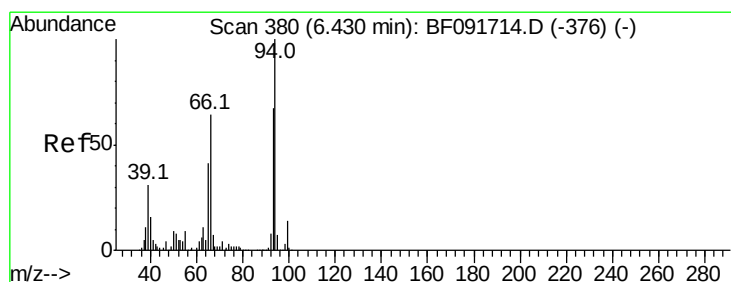
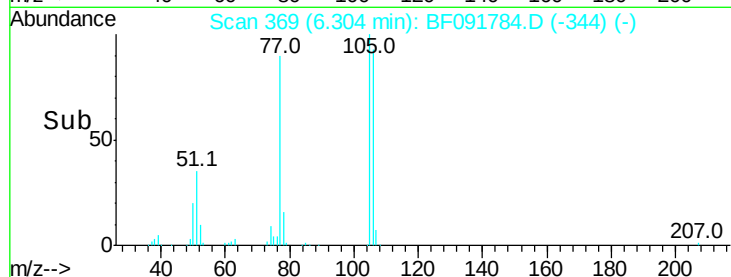
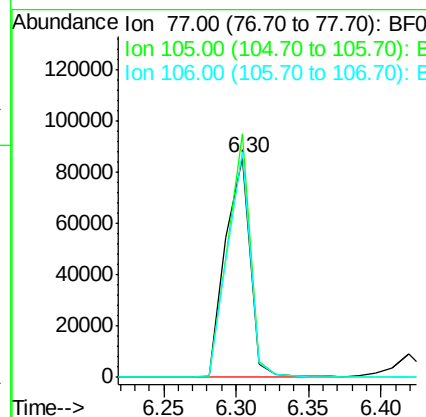
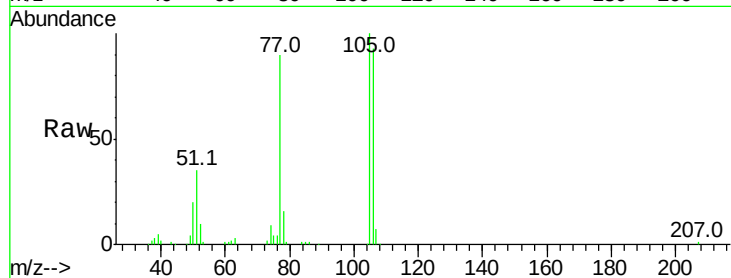
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	111.0	83.9	123.9
106	103.2	77.6	117.6

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#10

Phenol

Concen: 32.57 ng

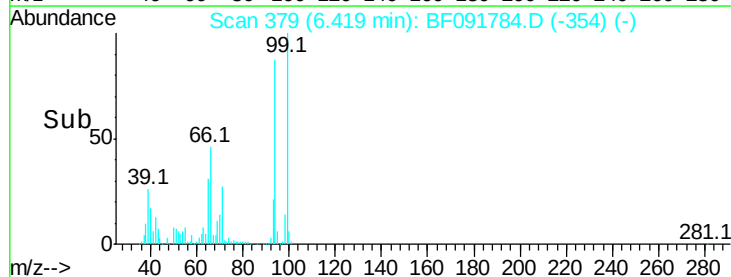
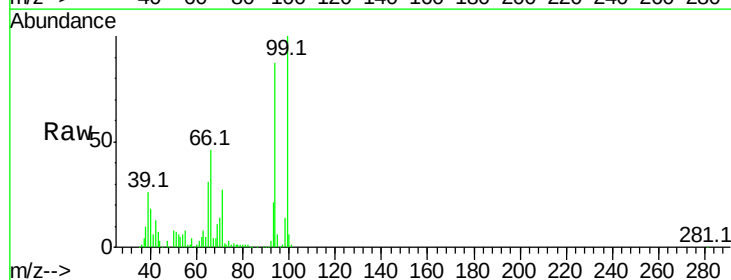
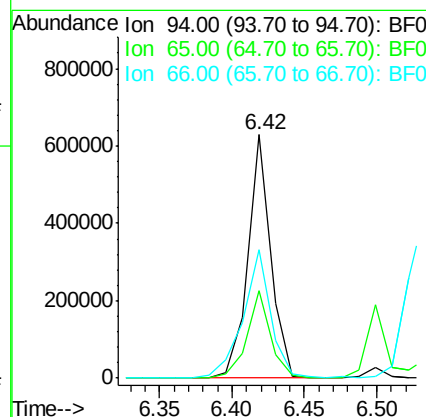
RT: 6.42 min Scan# 379

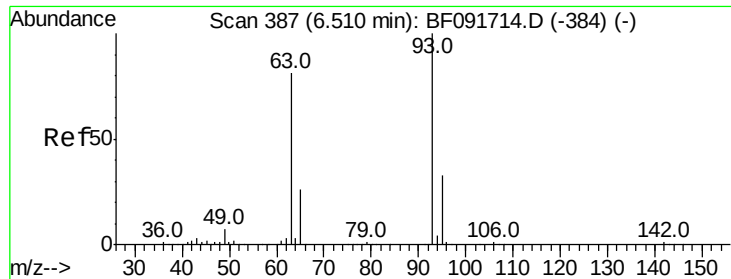
Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.1	21.4	61.4
66	52.8	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 37.61 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

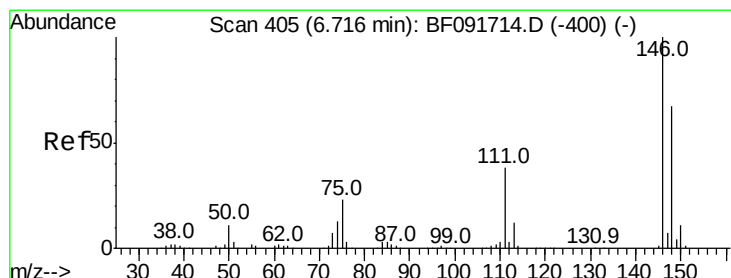
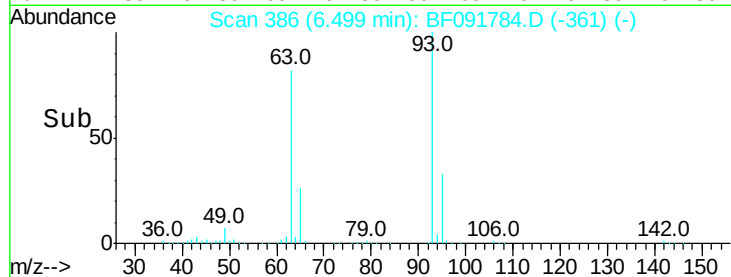
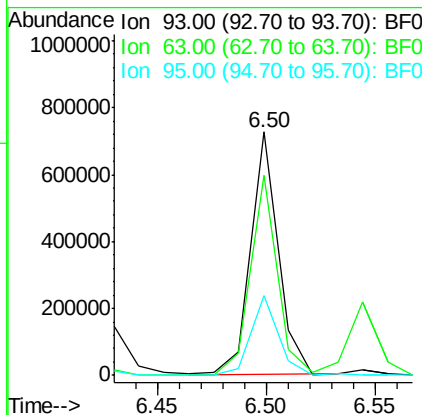
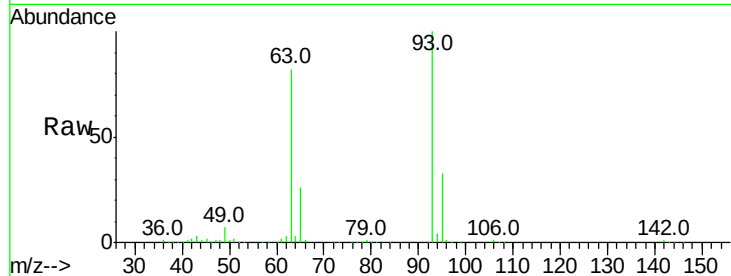
ClientSampleId :

PB95441BS

Tot Ion:	93	Resp:	634824
Ion Ratio	Lower	Upper	
93	100		
63	82.2	60.4	100.4
95	33.0	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 38.55 ng

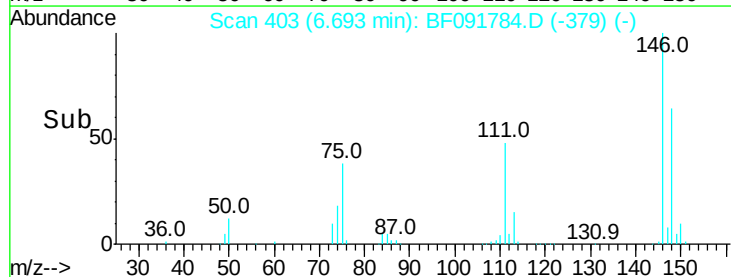
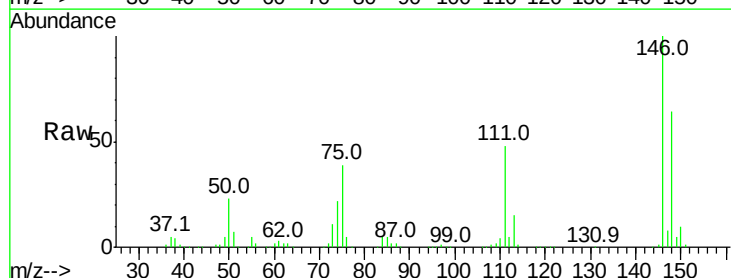
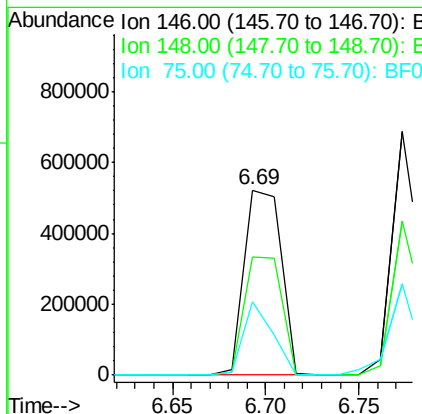
RT: 6.69 min Scan# 403

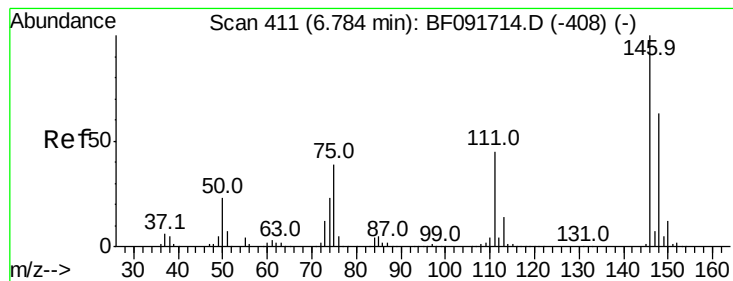
Delta R.T. -0.02 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Tgt Ion:	146	Resp:	716509
Ion Ratio	Lower	Upper	
146	100		
148	63.9	53.4	80.0
75	39.5	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 37.59 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

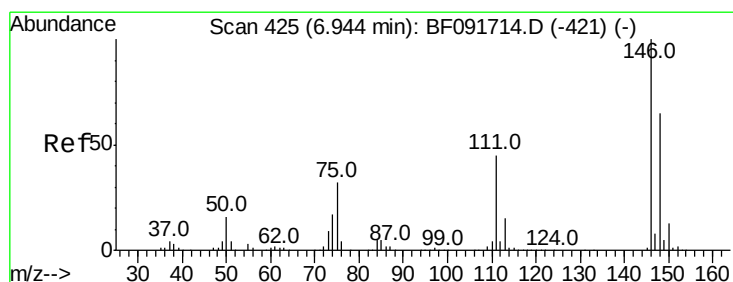
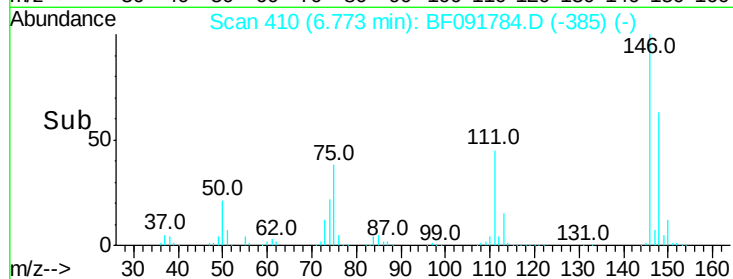
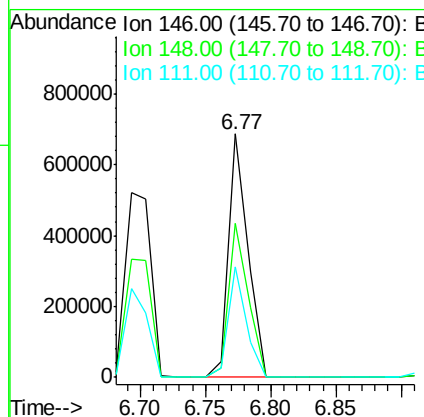
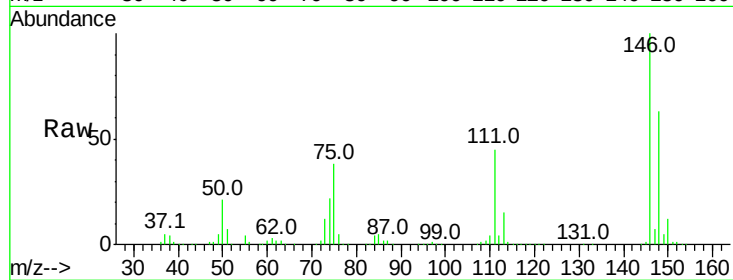
ClientSampleId :

PB95441BS

Tot Ion:	146	Resp:	706933
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	76.0
111	45.5	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 42.67 ng

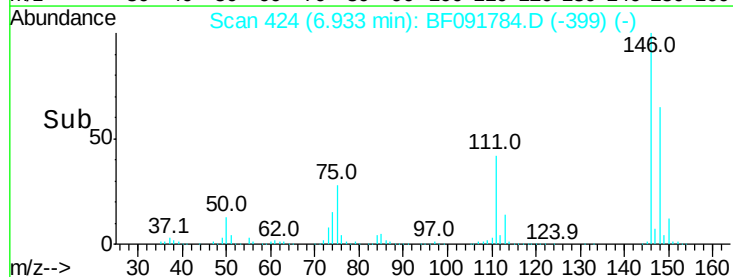
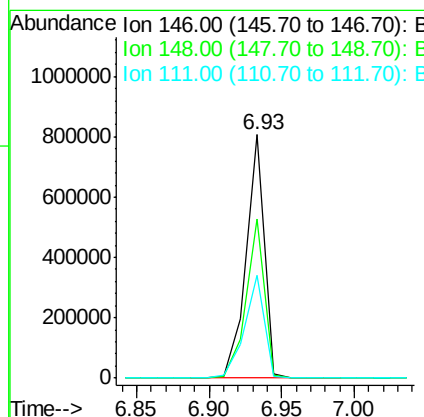
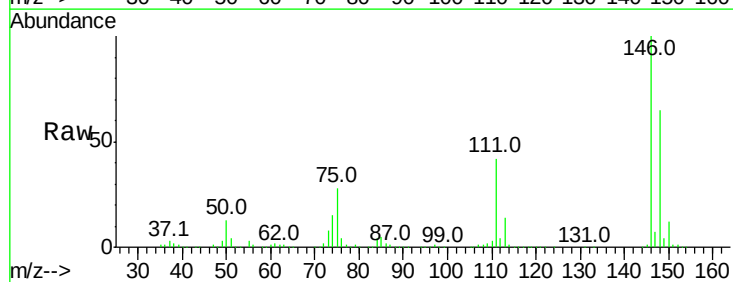
RT: 6.93 min Scan# 424

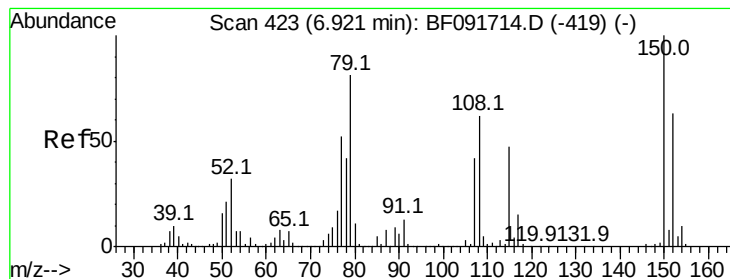
Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Tgt Ion:	146	Resp:	702935
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.2	78.2
111	42.0	36.2	54.2





#15

Benzyl Alcohol

Concen: 40.11 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleID :

PB95441BS

Tot Ion: 79 Resp: 582303

Ion Ratio Lower Upper

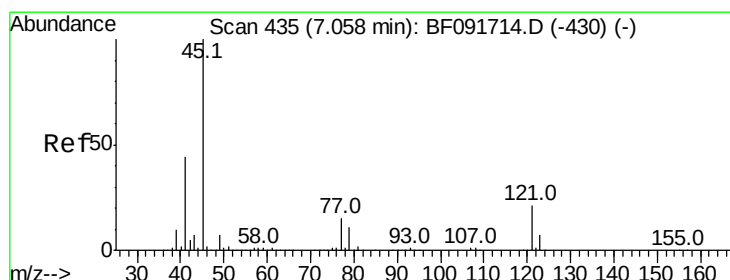
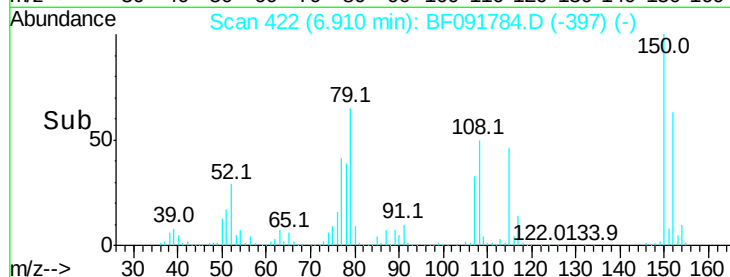
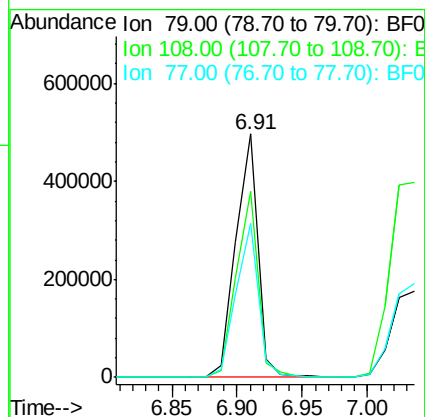
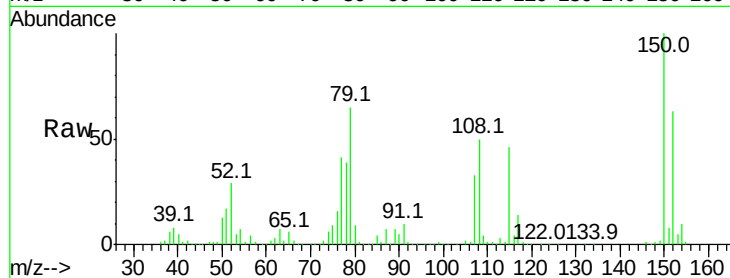
79 100

108 76.3 61.4 92.0

77 63.2 50.9 76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.13 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

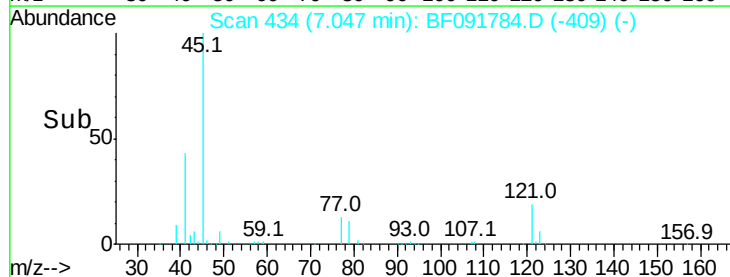
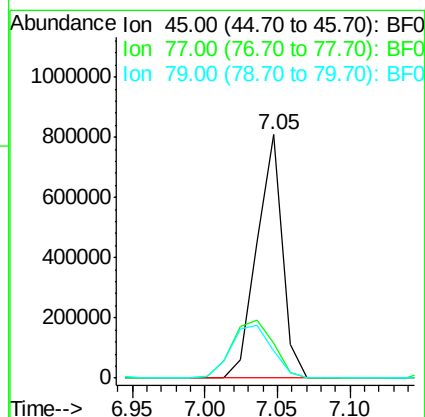
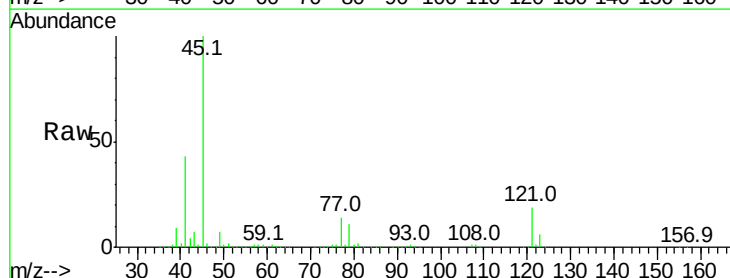
Tgt Ion: 45 Resp: 983638

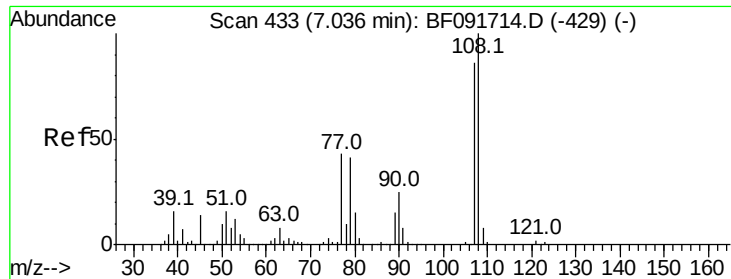
Ion Ratio Lower Upper

45 100

77 14.4 0.0 34.6

79 11.3 0.0 31.2





#17

2-Methylphenol

Concen: 40.33 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

Tot Ion:107 Resp: 570385
Ion Ratio Lower Upper

107 100

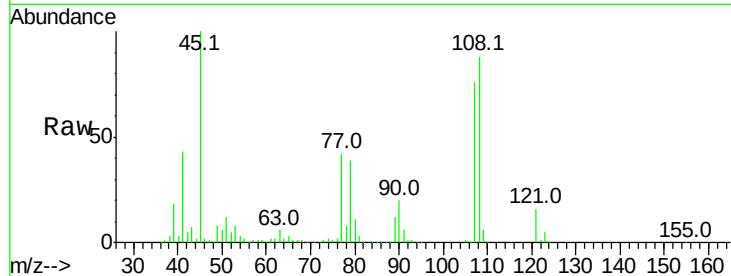
108 115.9 93.0 139.6

77 55.6 39.8 59.8

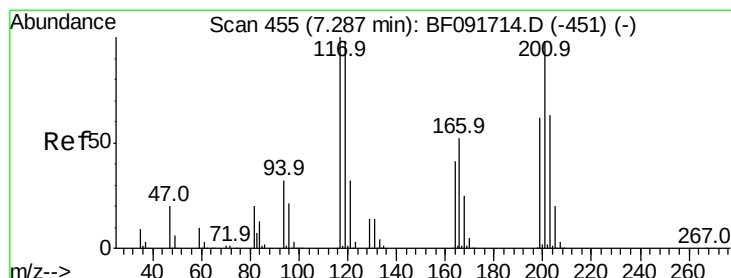
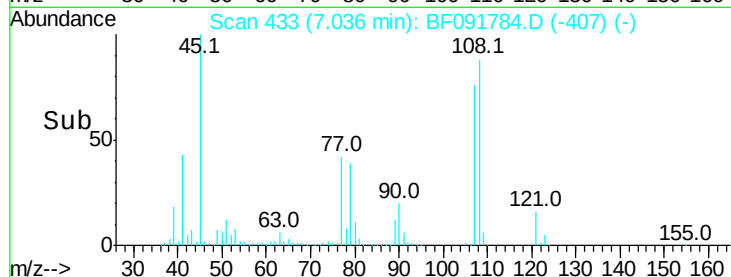
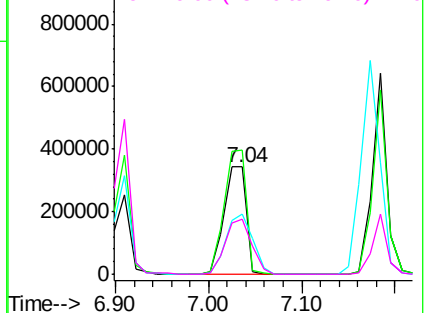
79 51.1 38.0 57.0

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.69 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF091784.D

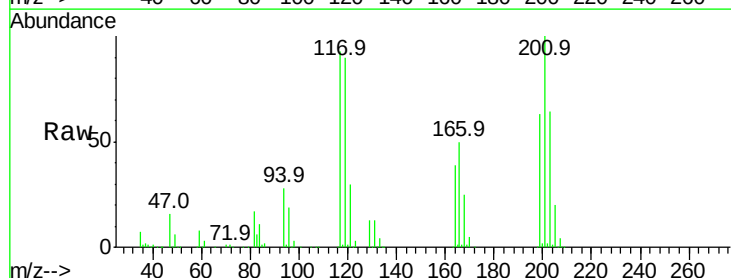
Acq: 19 Dec 2016 20:25

Tgt Ion:117 Resp: 277336
Ion Ratio Lower Upper

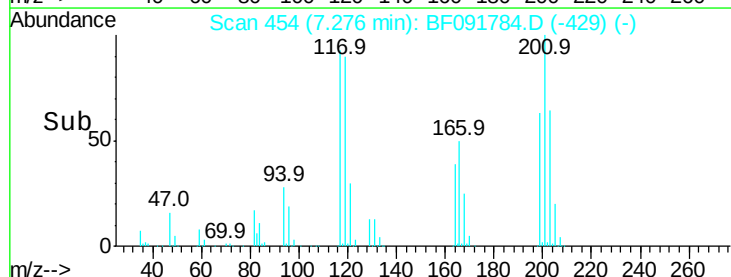
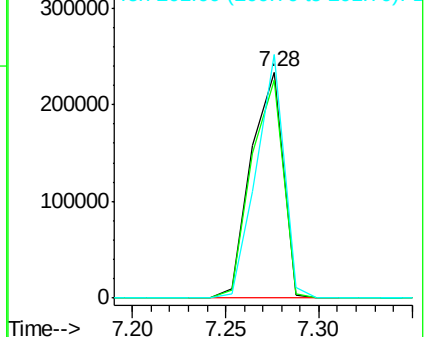
117 100

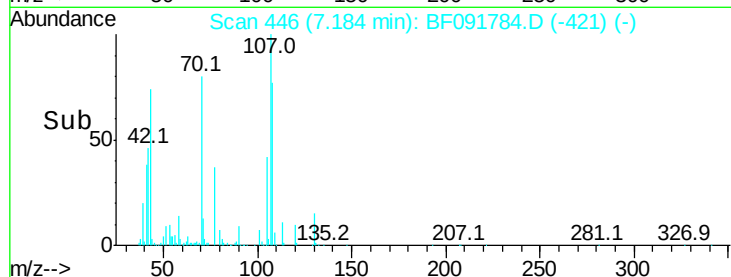
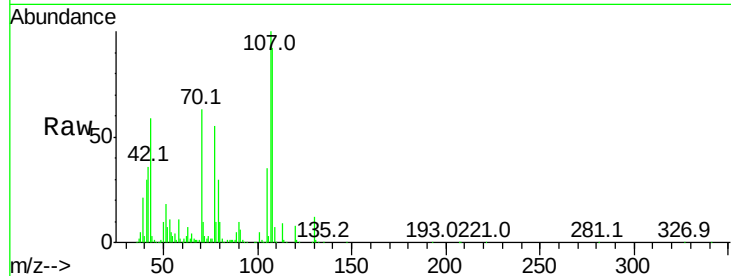
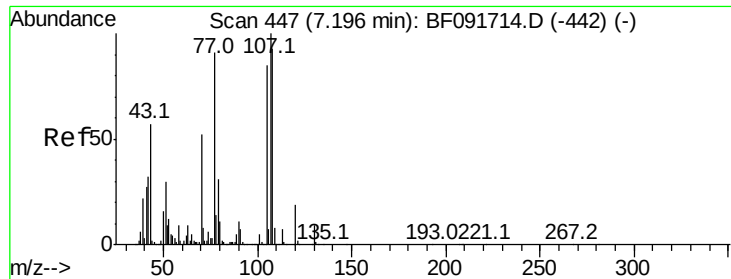
119 96.7 78.1 117.1

201 107.8 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





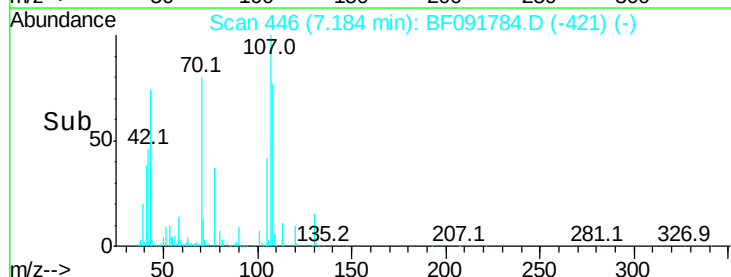
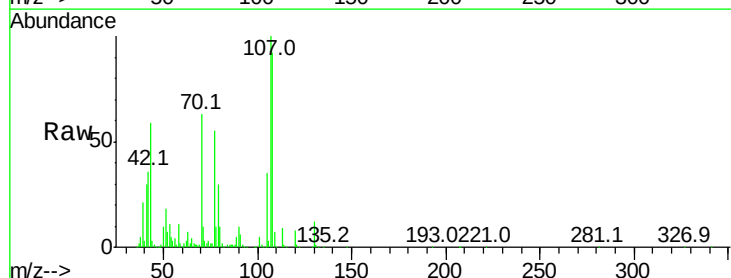
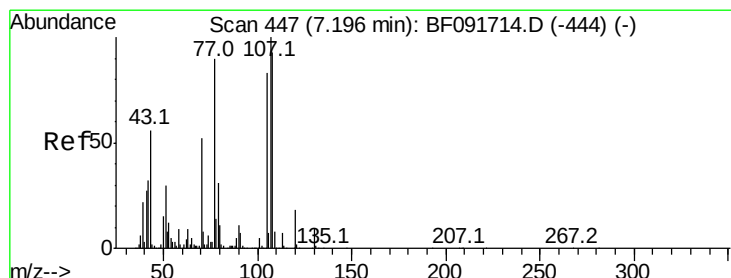
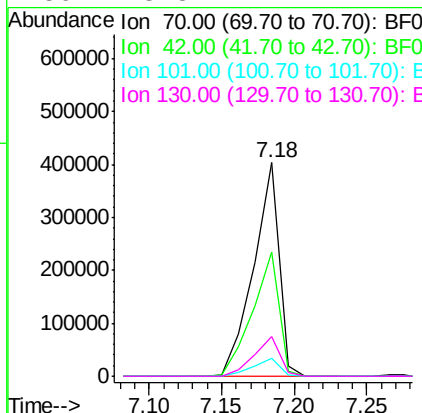
#19
n-Nitroso-di-n-propylamine
Concen: 39.75 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Instrument :
BNA_F
ClientSampleId :
PB95441BS

Tot Ion	70	Resp	495794
Ion Ratio	Lower	Upper	
70	100		
42	57.9	49.4	74.0
101	8.7	7.4	11.2
130	18.8	14.2	21.4

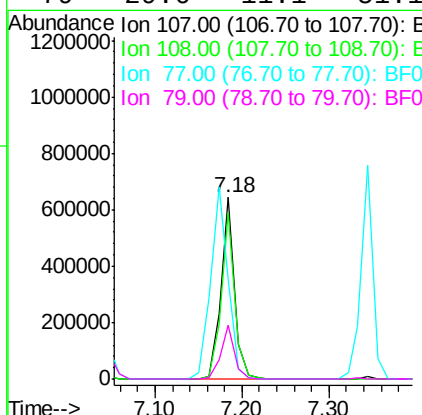
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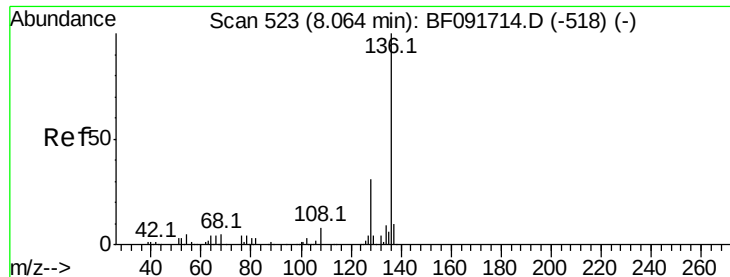
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#20
3+4-Methylphenols
Concen: 44.72 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion	107	Resp	705462
Ion Ratio	Lower	Upper	
107	100		
108	91.8	73.0	113.0
77	55.0	71.3	111.3
79	29.6	11.1	51.1





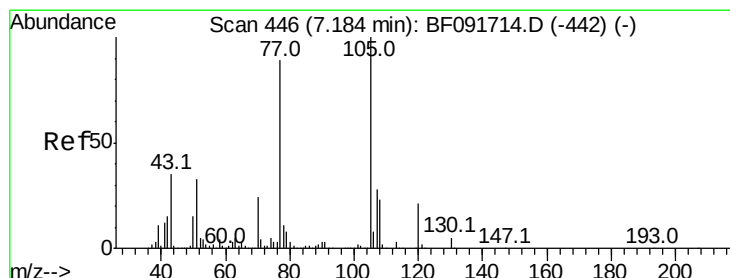
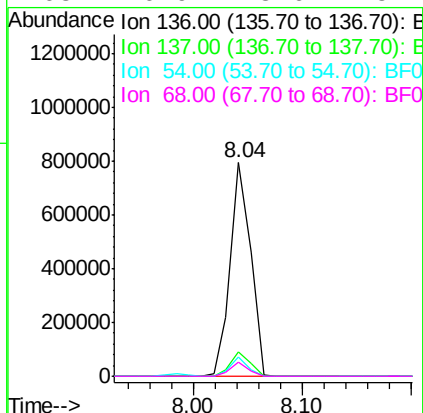
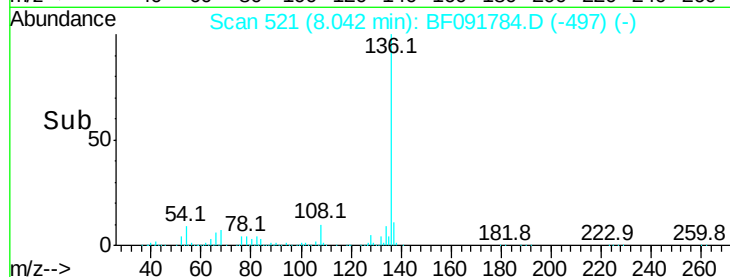
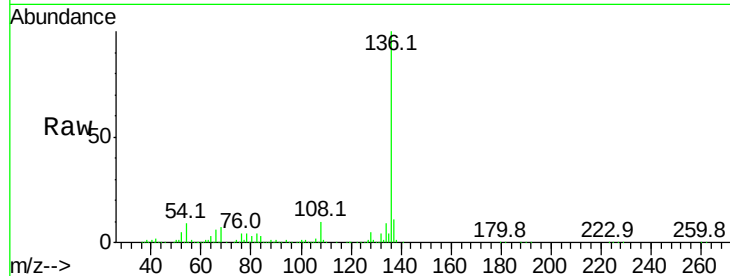
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Instrument :
BNA_F
ClientSampleId :
PB95441BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	9.0	4.5	6.7#
68	6.9	3.6	5.4#

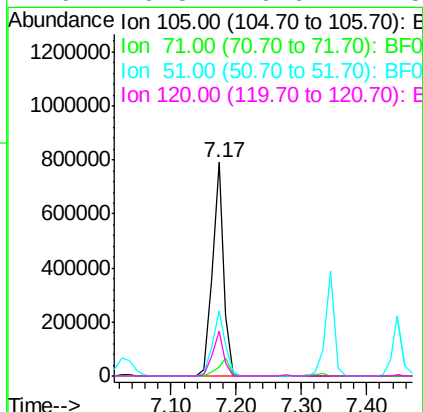
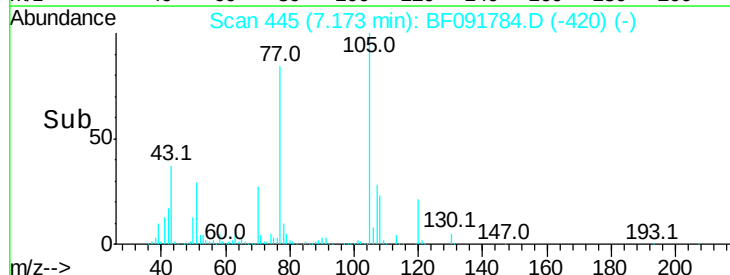
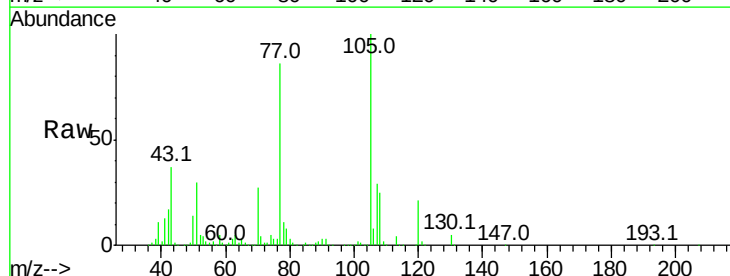
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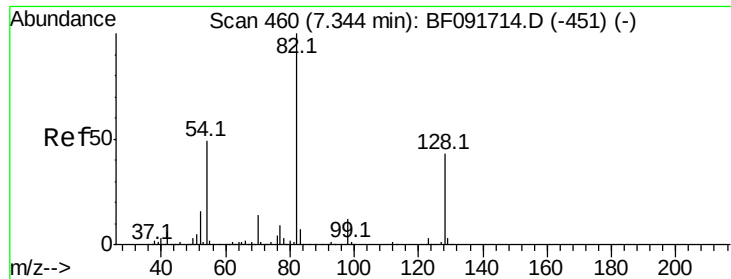
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#22
Acetophenone
Concen: 38.96 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.2	4.8
51	30.4	26.2	39.4
120	20.8	16.6	24.8





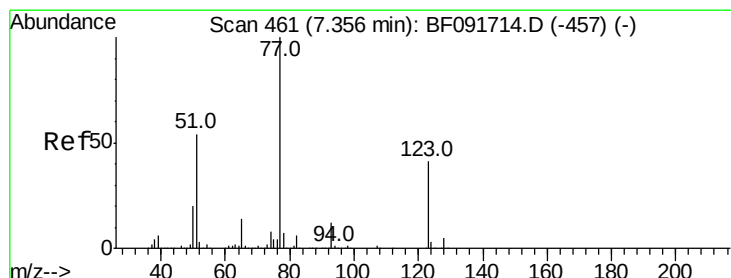
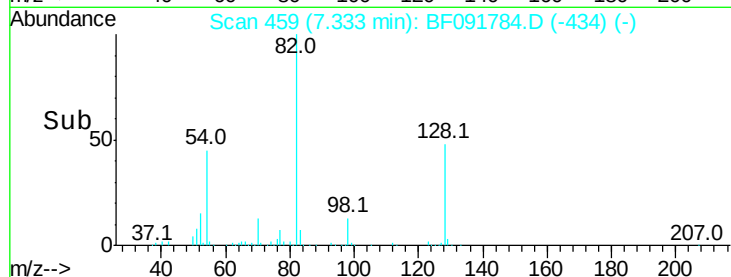
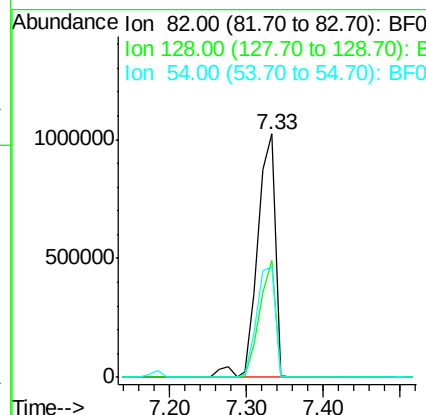
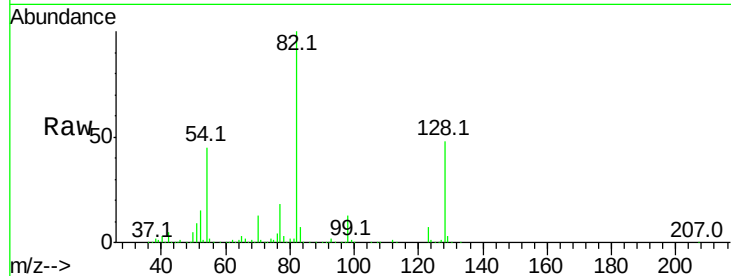
#23
 Nitrobenzene-d5
 Concen: 91.86 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampled :
 PB95441BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.6	52.0
54	45.3	39.5	59.3

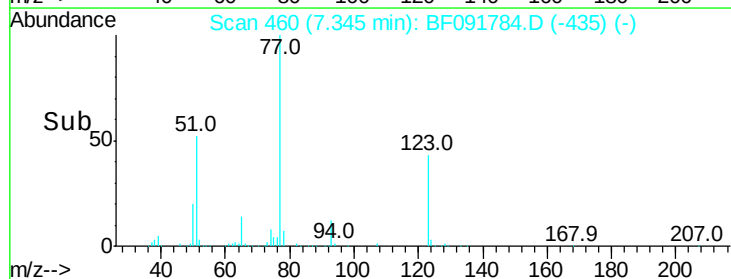
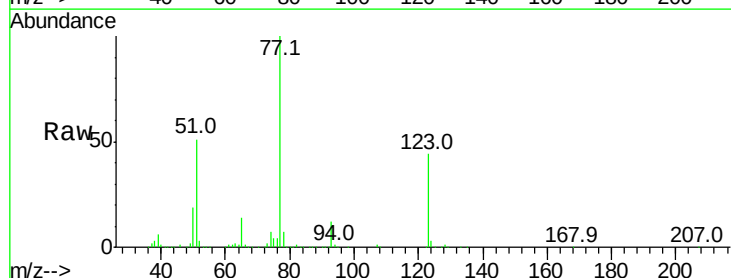
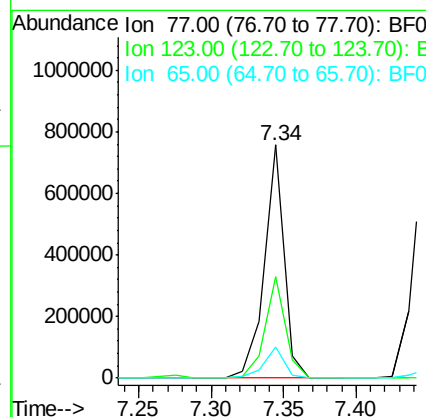
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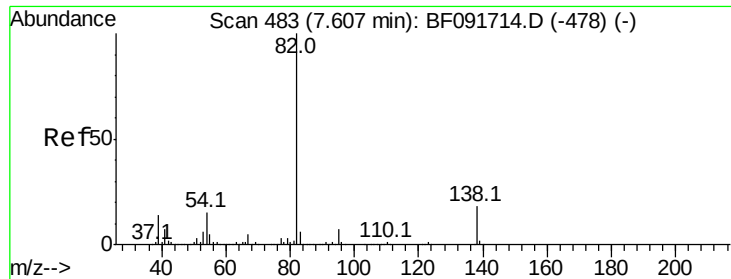
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#24
 Nitrobenzene
 Concen: 37.55 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	33.0	49.4
65	13.6	11.2	16.8





#25

Isophorone

Concen: 40.81 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

Tot Ion: 82 Resp: 1376637

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

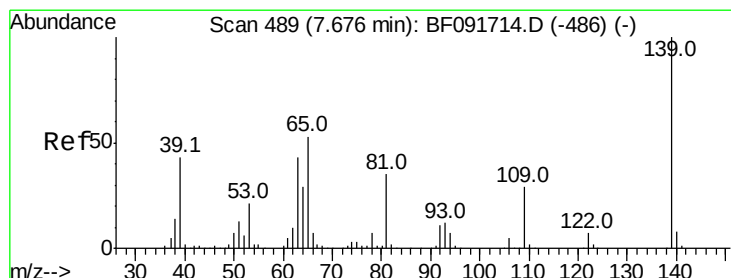
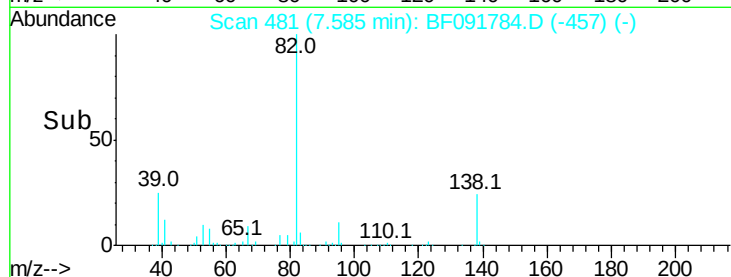
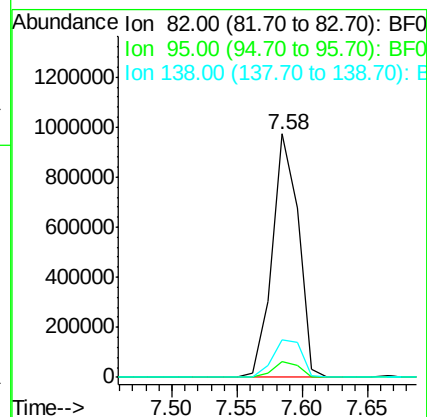
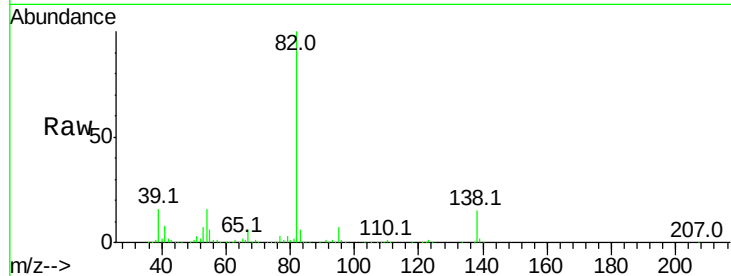
138 15.3 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 42.51 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

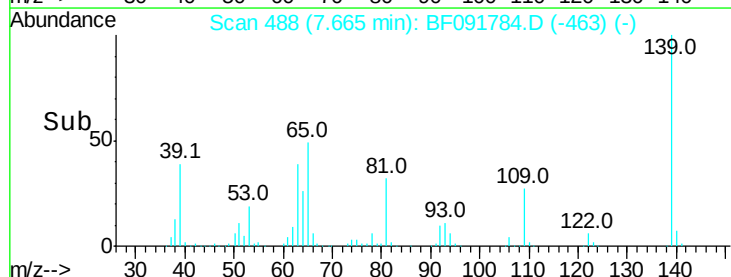
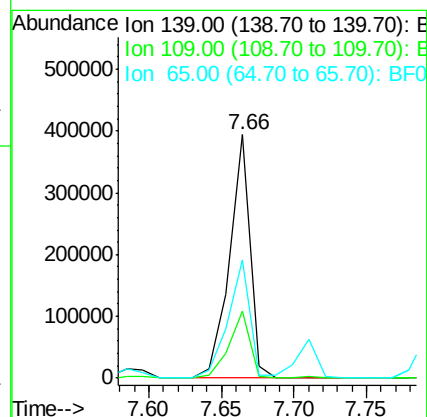
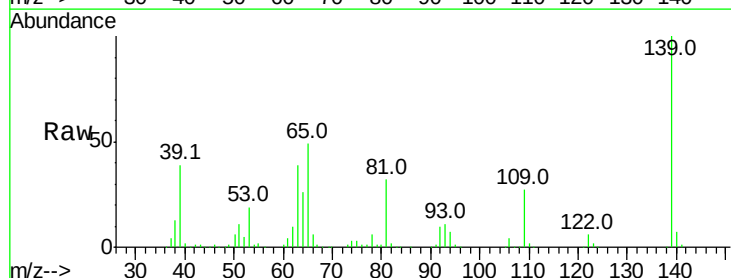
Tgt Ion: 139 Resp: 389365

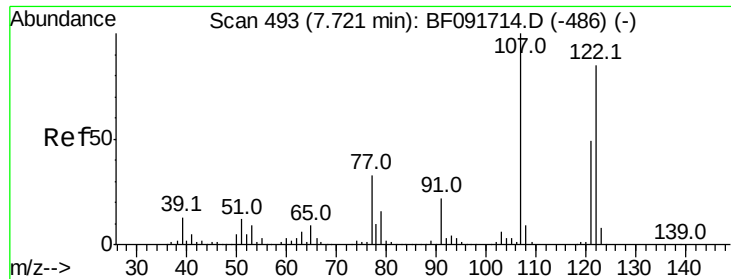
Ion Ratio Lower Upper

139 100

109 27.4 23.3 34.9

65 48.7 42.7 64.1





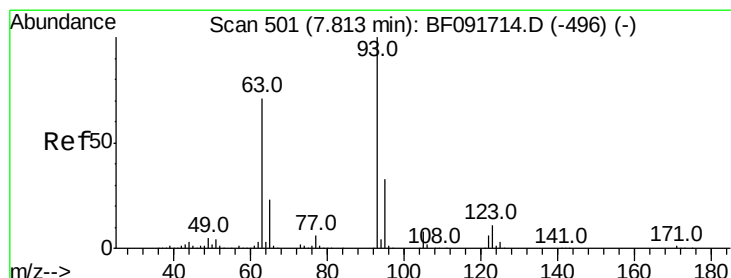
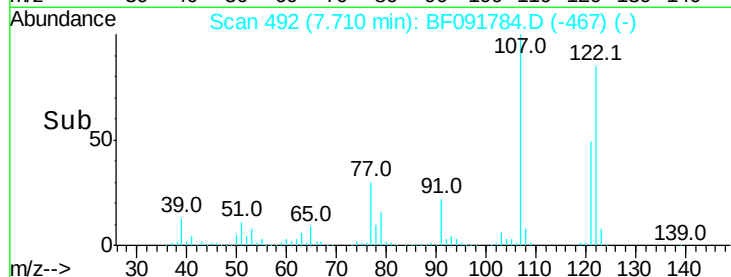
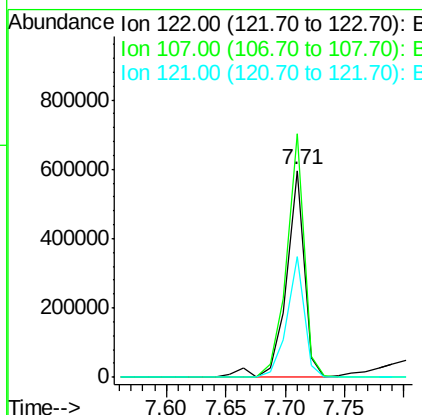
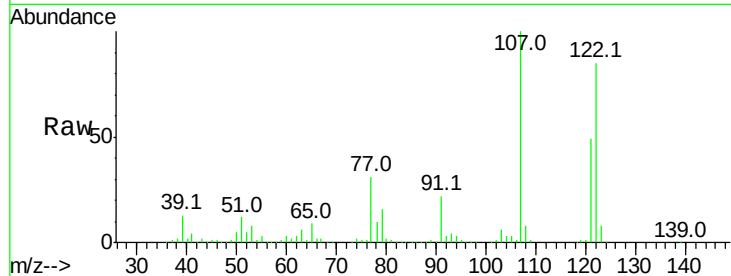
#27
2,4-Dimethylphenol
Concen: 41.89 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Instrument :
BNA_F
ClientSampleId :
PB95441BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.7	94.1	141.1
121	58.1	46.0	69.0

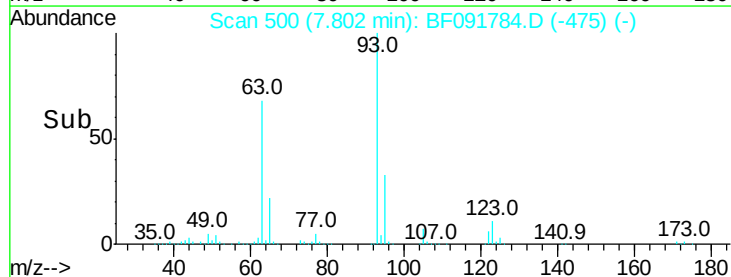
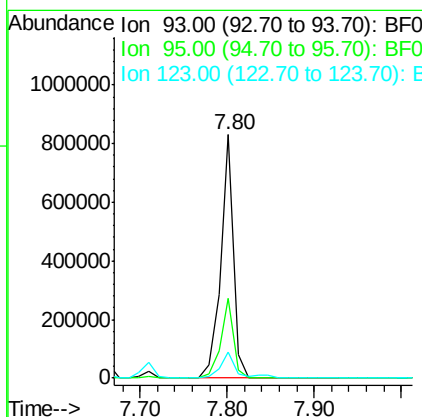
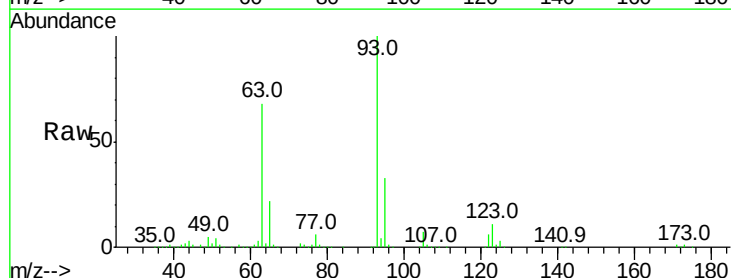
Manual Integrations
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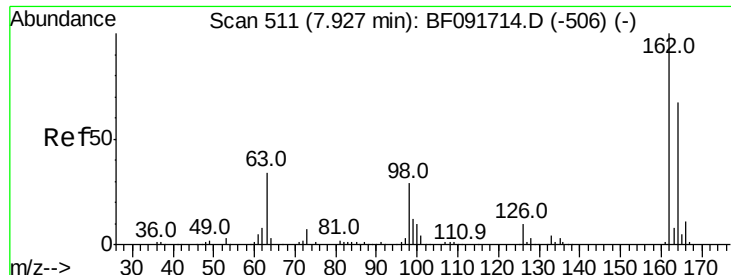
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#28
bis(2-Chloroethoxy)methane
Concen: 43.35 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	10.8	8.6	13.0





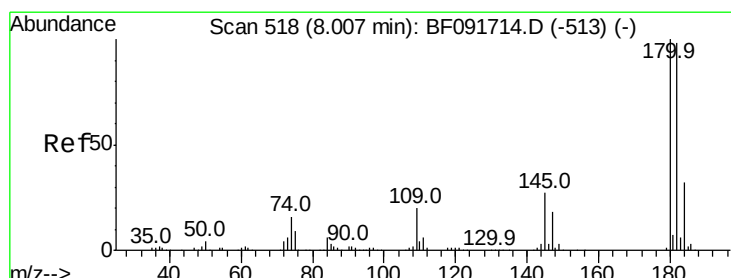
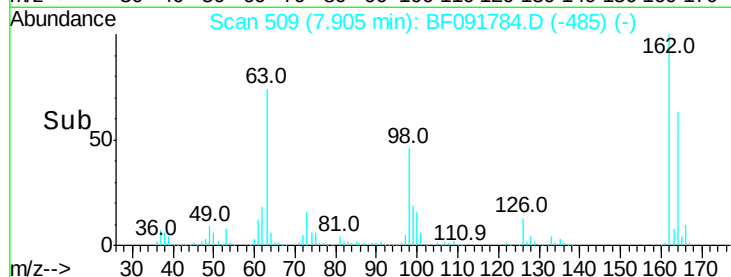
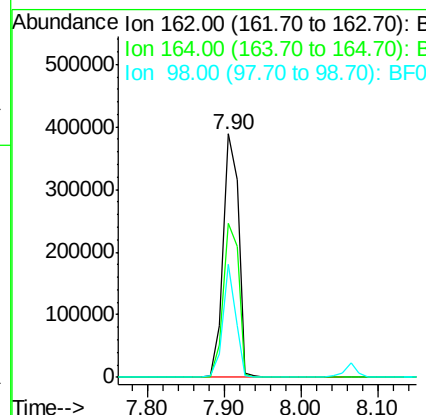
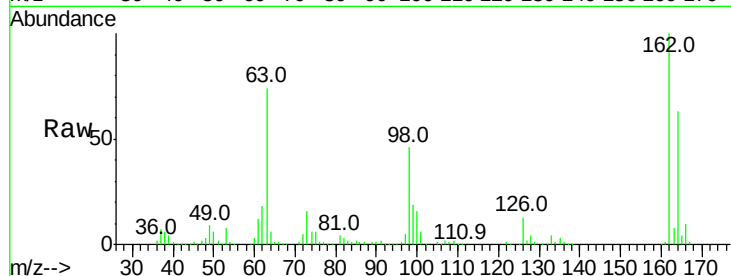
#29
 2,4-Dichlorophenol
 Concen: 40.18 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampled :
 PB95441BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.1	46.8	86.8
98	46.4	9.1	49.1

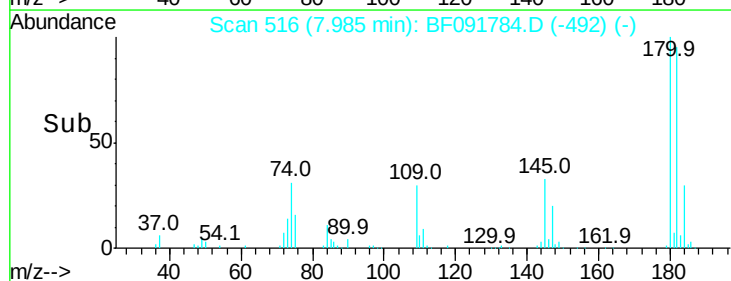
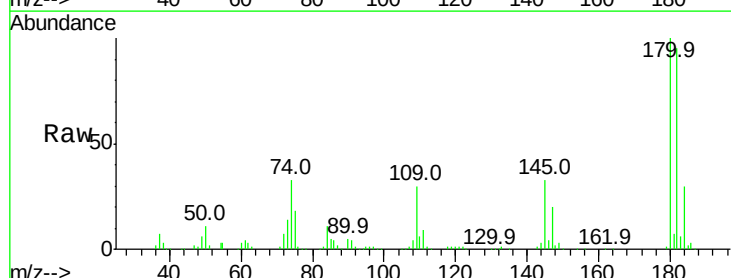
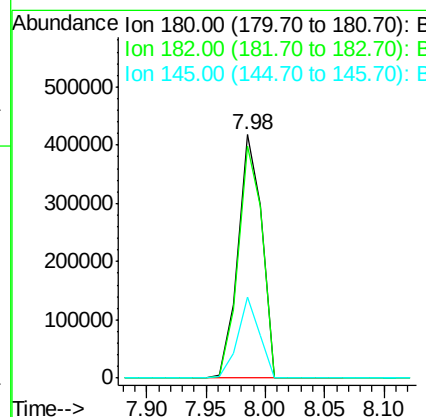
Manual Integrations
 APPROVED

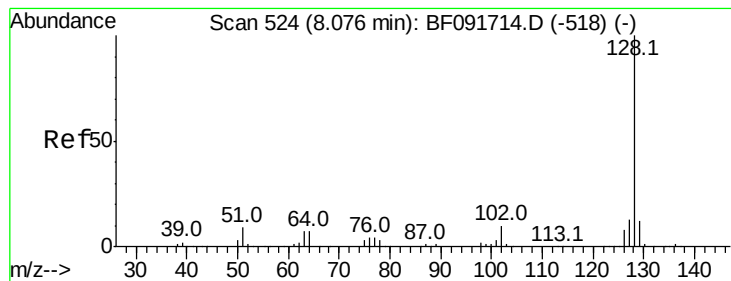
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.98 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.2	78.2	117.4
145	33.4	21.6	32.4#





#31

Naphthalene

Concen: 37.75 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

Tot Ion:128 Resp: 1839069

Ion Ratio Lower Upper

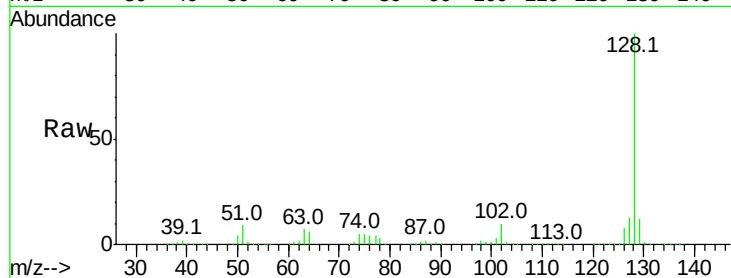
128 100

129 11.7 9.5 14.3

127 13.5 10.8 16.2

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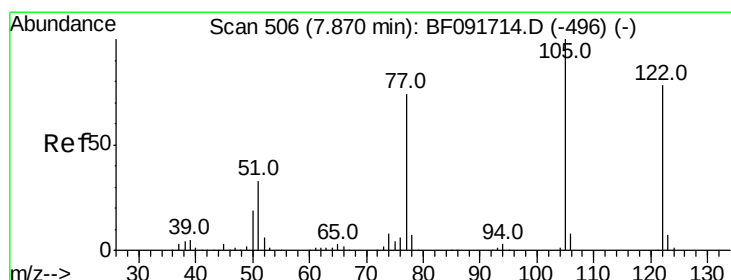
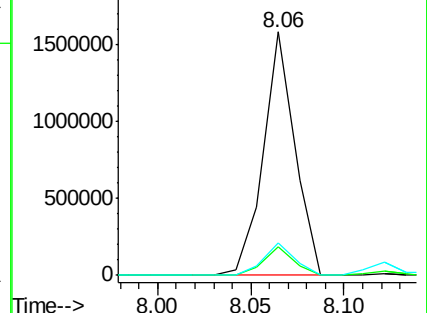
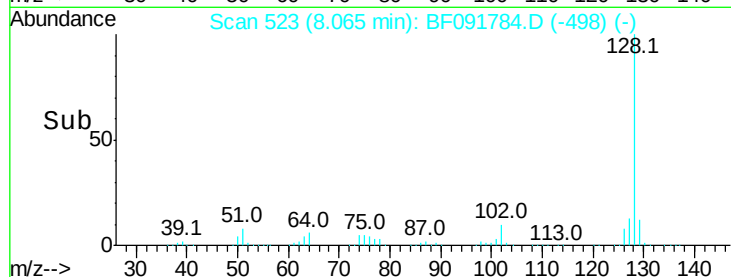
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.07 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

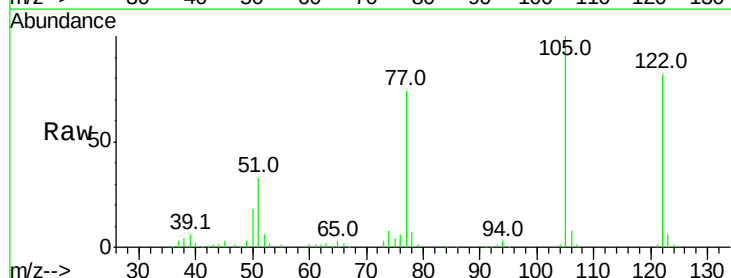
Tgt Ion:122 Resp: 373403

Ion Ratio Lower Upper

122 100

105 121.6 107.2 147.2

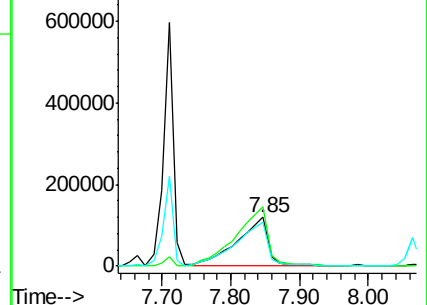
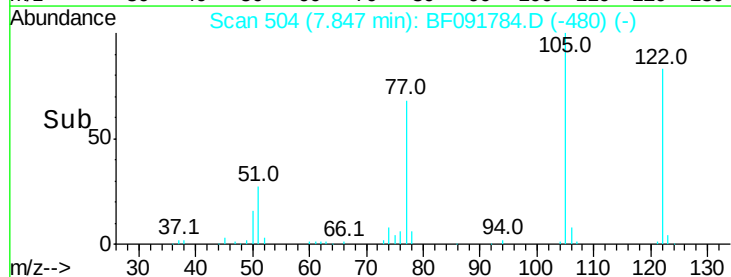
77 90.5 74.5 114.5

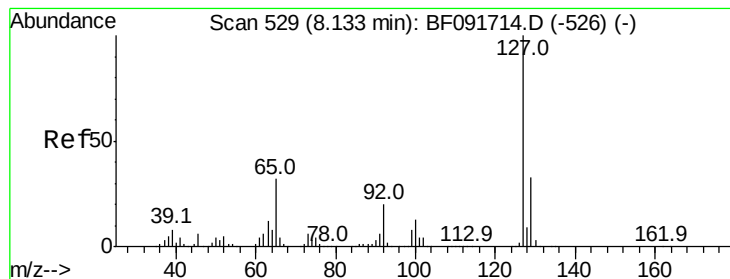


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 5.30 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

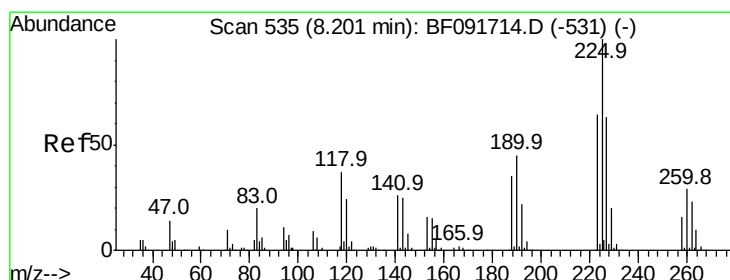
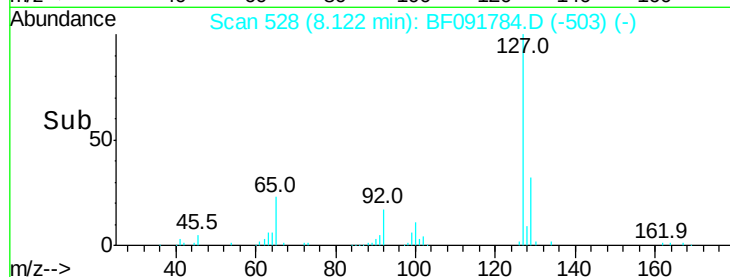
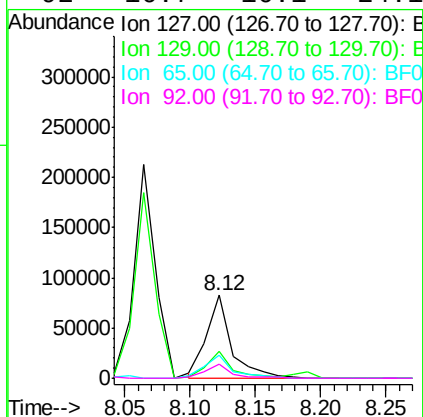
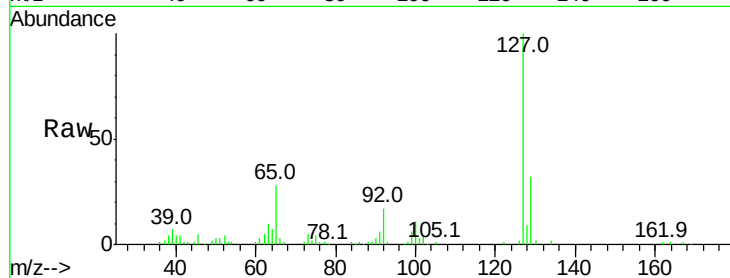
ClientSampleId :

PB95441BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.3	39.5		
65	27.5	25.8	38.8		
92	16.7	16.1	24.1		

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#34

Hexachlorobutadiene

Concen: 39.82 ng

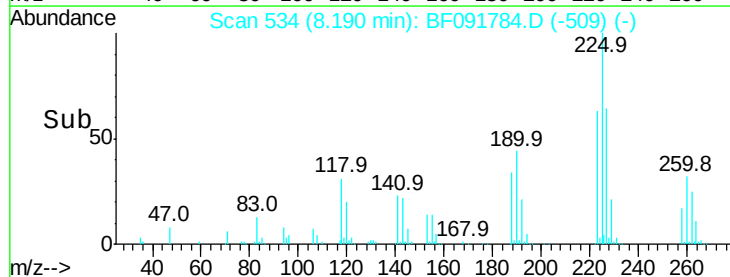
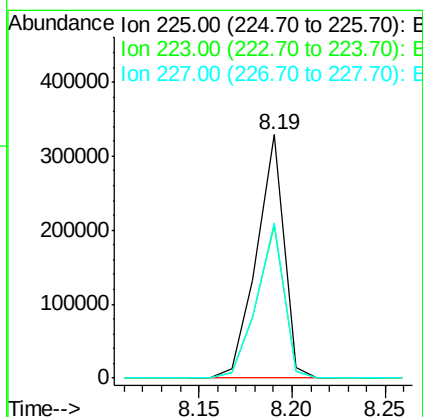
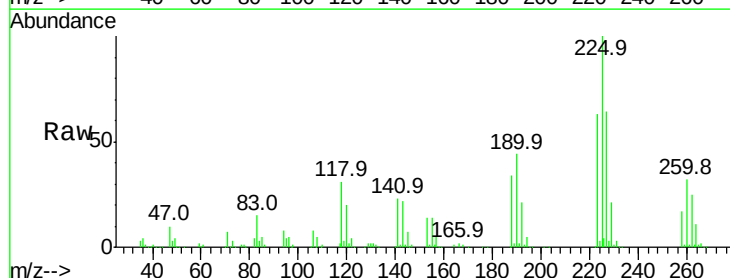
RT: 8.19 min Scan# 534

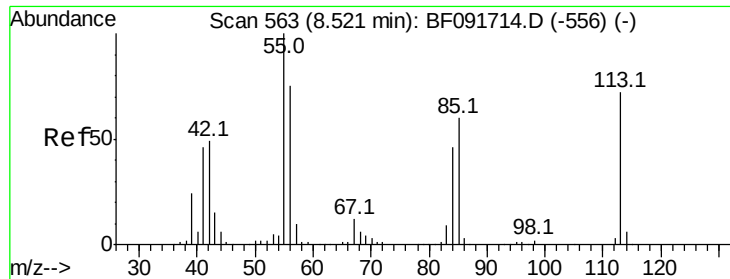
Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	51.0	76.6		
227	63.7	50.6	76.0		





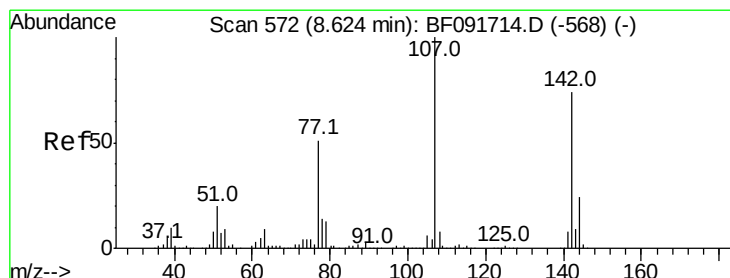
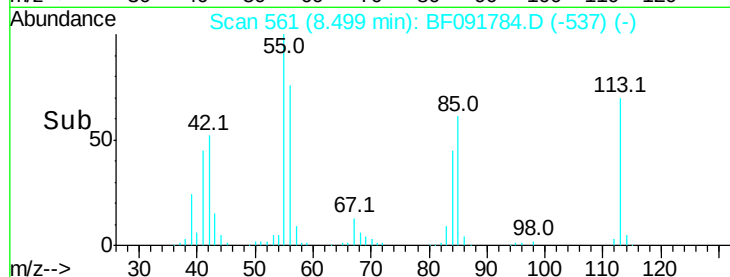
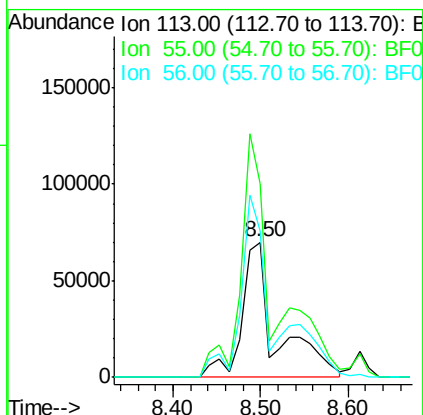
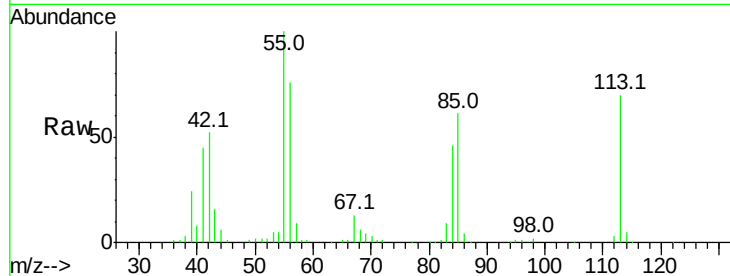
#35
 Caprolactam
 Concen: 43.29 ng/ml
 RT: 8.50 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampleID :
 PB95441BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.9	119.2	159.2
56	108.0	83.8	123.8

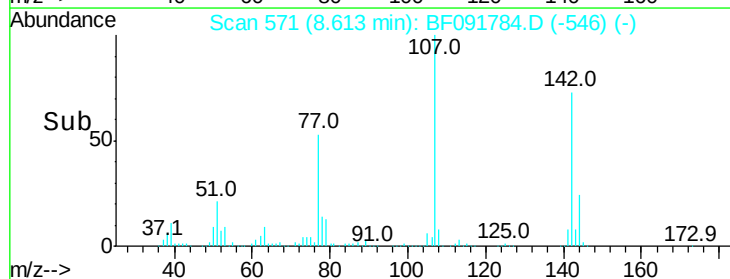
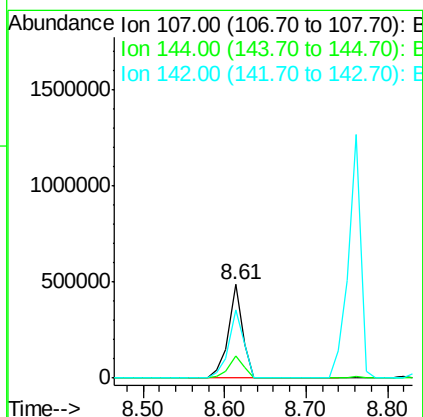
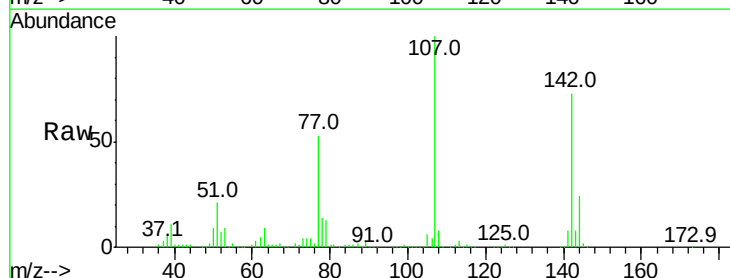
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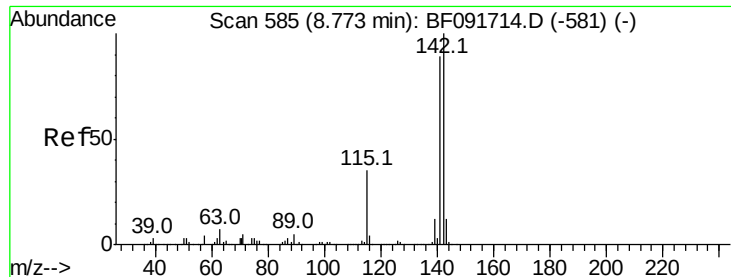
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#36
 4-Chloro-3-methylphenol
 Concen: 39.09 ng/ml
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	19.3	28.9
142	72.8	59.0	88.6





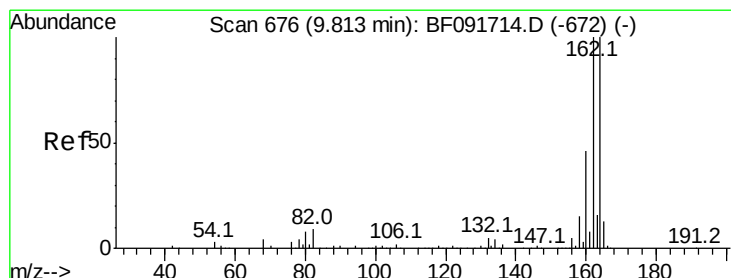
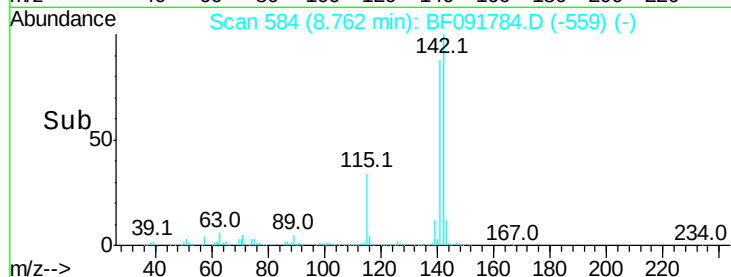
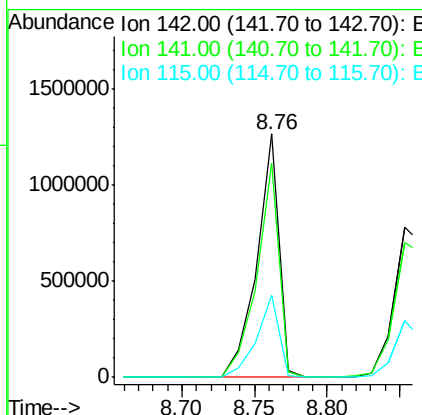
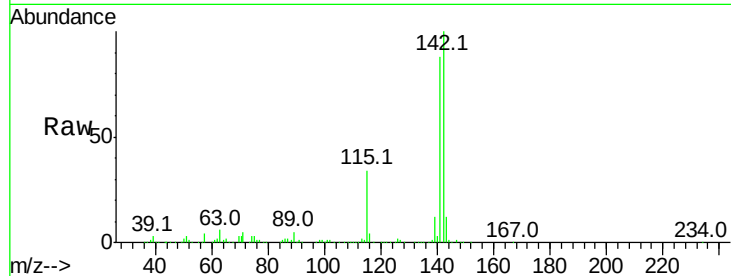
#37
2-Methylnaphthalene
Concen: 43.55 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Instrument :
BNA_F
ClientSampleId :
PB95441BS

Tot Ion:142 Resp: 1337429
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.6
115 33.9 28.3 42.5

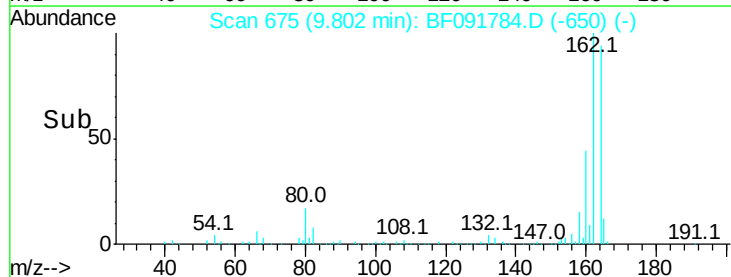
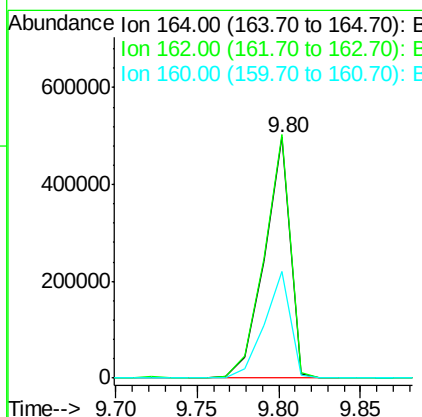
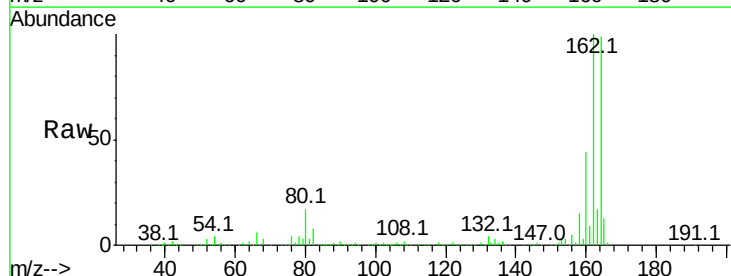
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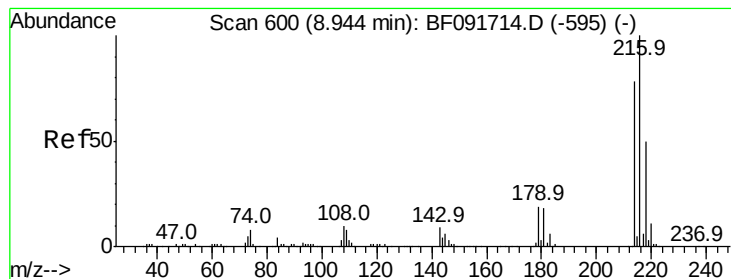
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion:164 Resp: 544349
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 44.3 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.97 ng

RT: 8.93 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

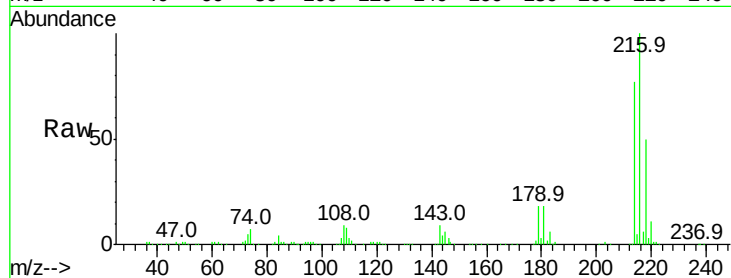
ClientSampleId :

PB95441BS

Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.3	63.4	95.0
179	22.0	17.4	26.2
108	21.5	15.6	23.4

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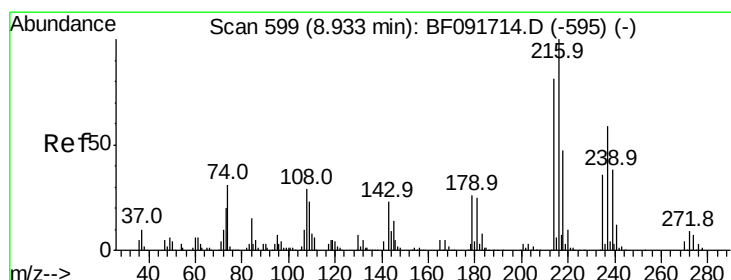
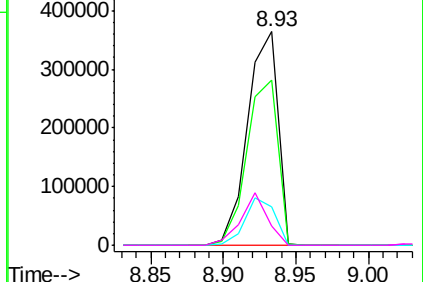
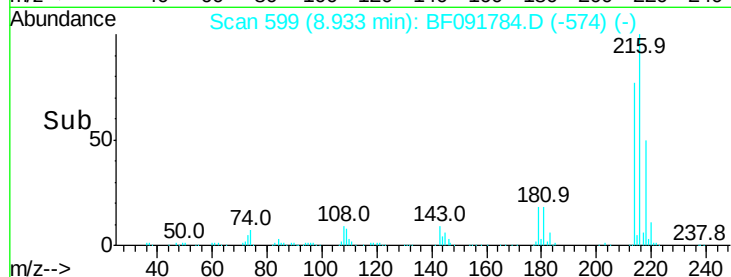


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.75 ng

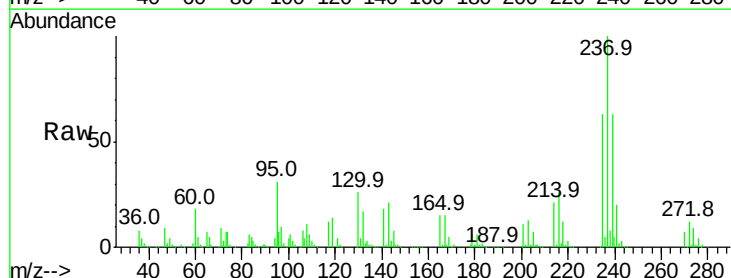
RT: 8.91 min Scan# 597

Delta R.T. -0.02 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

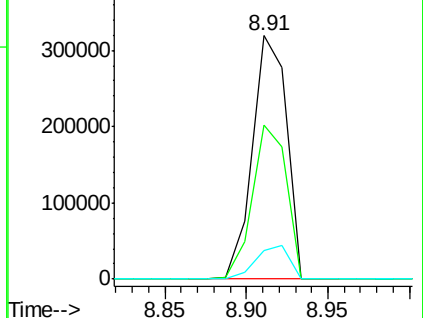
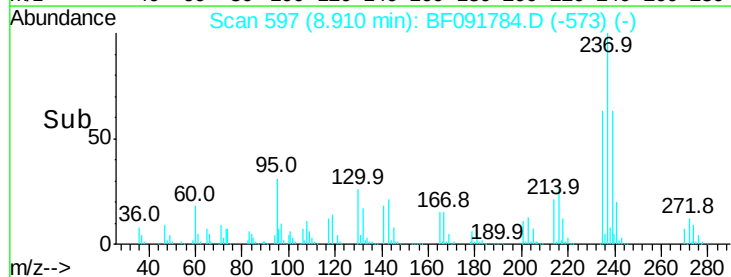
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.3	41.2	81.2
272	11.9	0.0	35.4

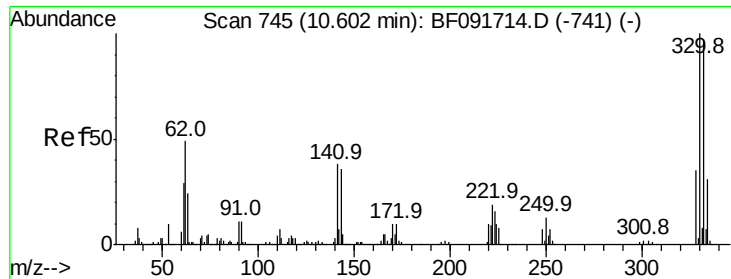


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





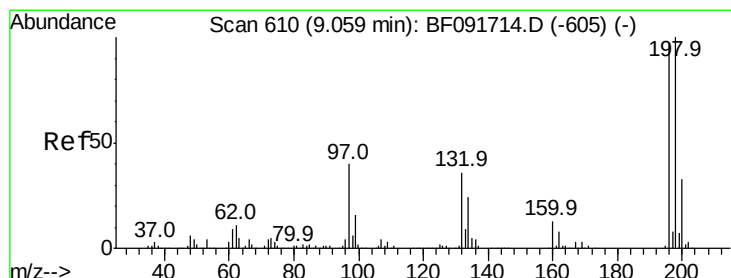
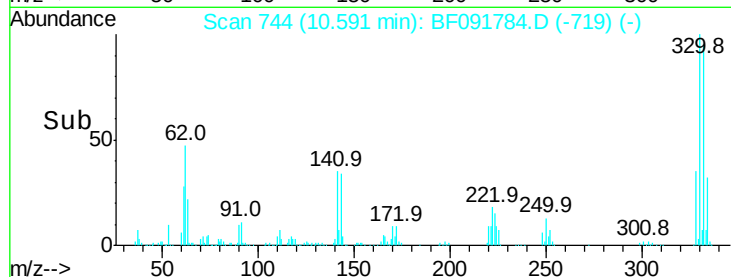
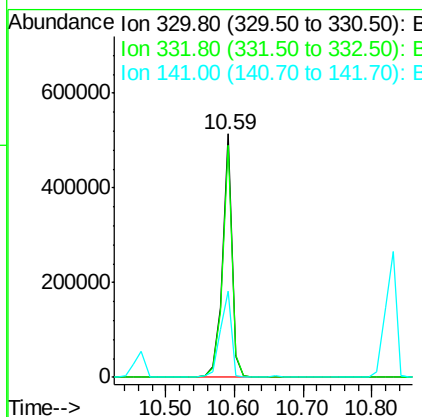
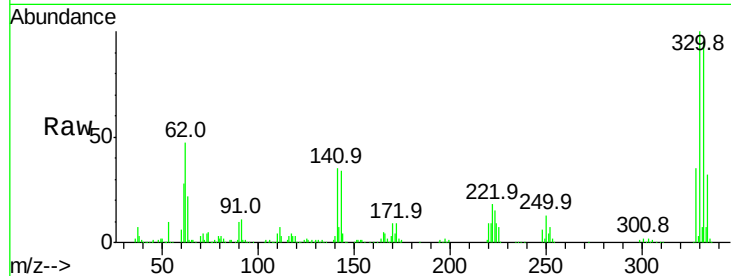
#41
 2,4,6-Tribromophenol
 Concen: 110.57 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	77.4	116.2	
141	41.0	34.1	51.1	

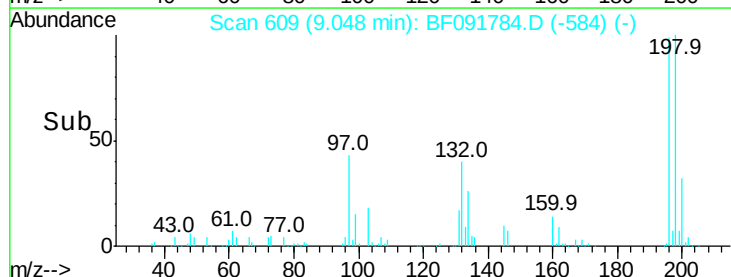
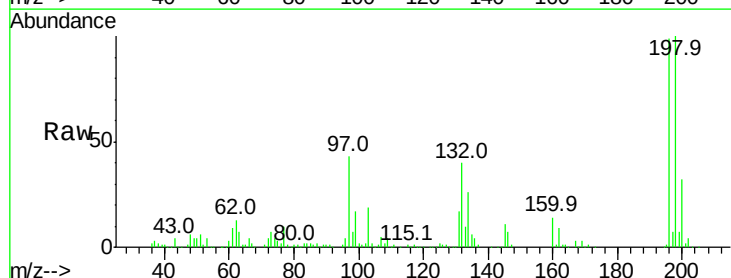
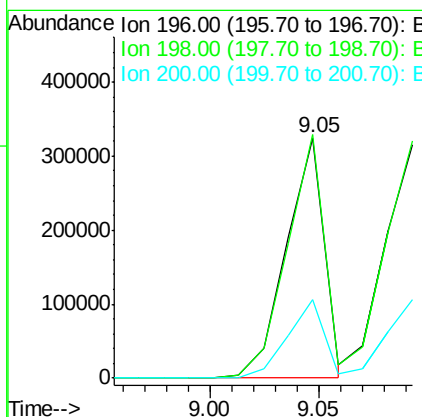
Manual Integrations
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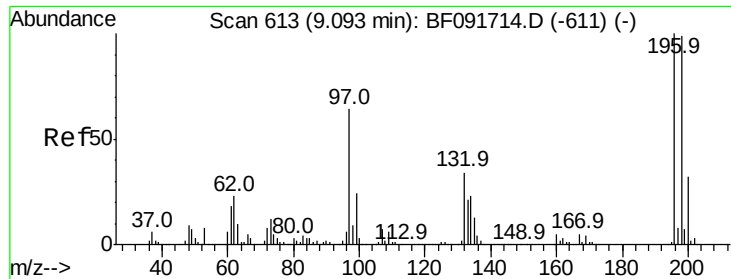
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#42
 2,4,6-Trichlorophenol
 Concen: 40.82 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.3	82.1	123.1	
200	32.9	27.0	40.4	





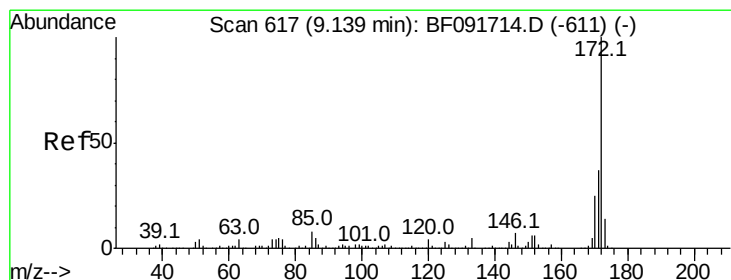
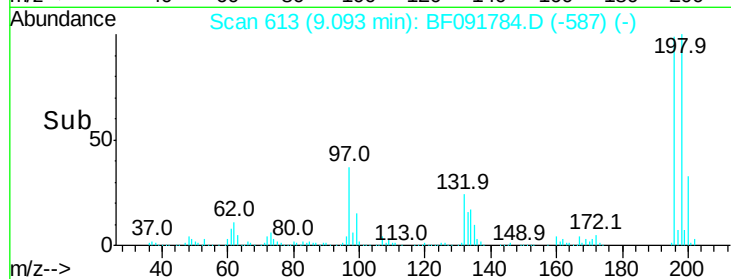
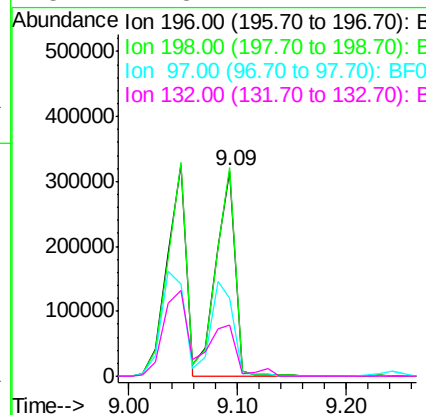
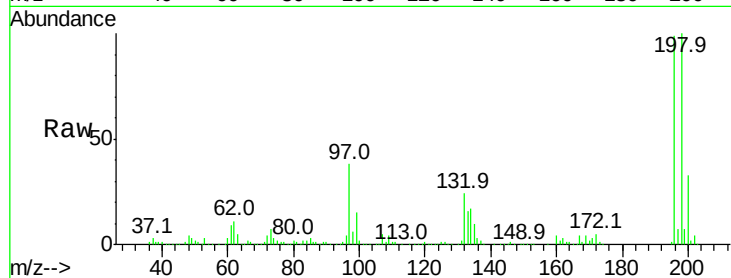
#43
 2,4,5-Trichlorophenol
 Concen: 41.16 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampleID :
 PB95441BS

Tot Ion	196	Resp	391989
Ion Ratio	Lower	Upper	
196	100		
198	101.4	79.4	119.2
97	38.0	51.5	77.3#
132	24.8	27.4	41.2#

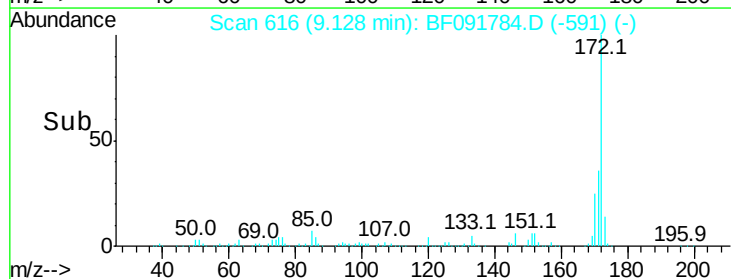
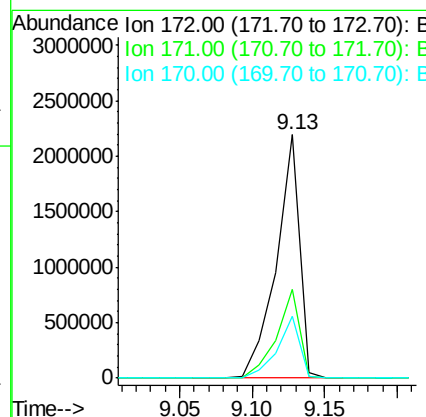
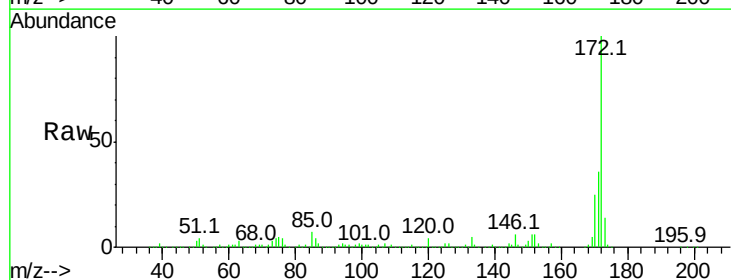
Manual Integrations
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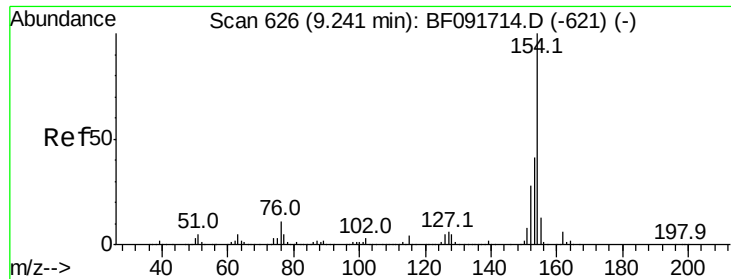
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#44
 2-Fluorobiphenyl
 Concen: 90.16 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion	172	Resp	2442787
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.4	44.0
170	25.2	20.2	30.4





#45

1,1'-Biphenyl

Concen: 39.63 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

Tot Ion:154 Resp: 1546142

Ion Ratio Lower Upper

154 100

153 39.4 20.9 60.9

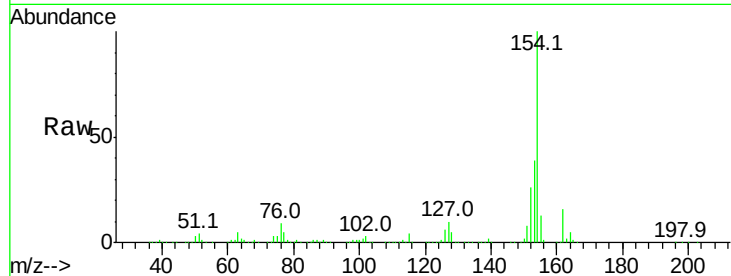
76 8.6 0.0 30.5

Manual Integrations

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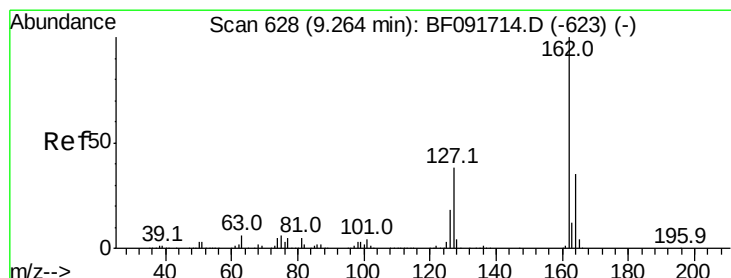
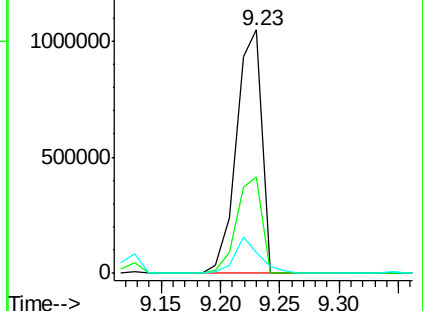
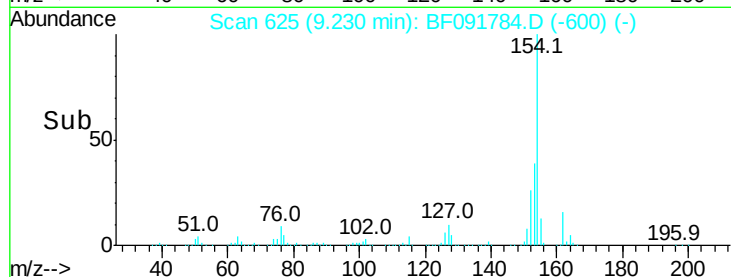
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 40.39 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

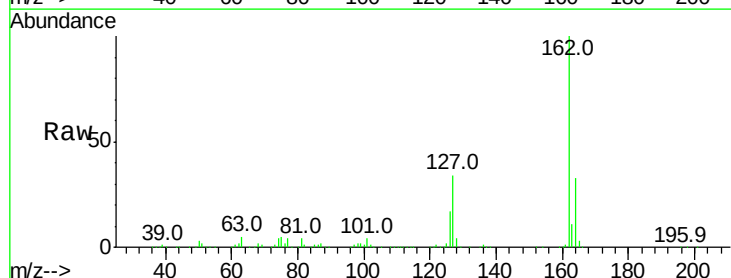
Tgt Ion:162 Resp: 1177649

Ion Ratio Lower Upper

162 100

127 33.9 30.7 46.1

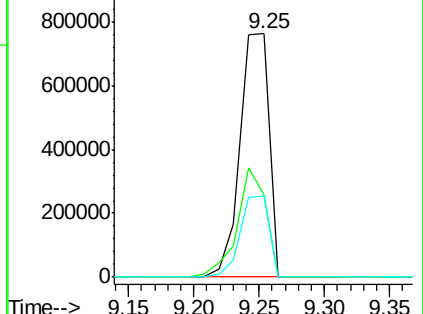
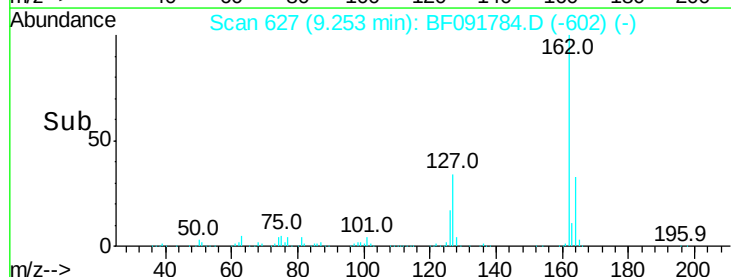
164 33.5 27.6 41.4

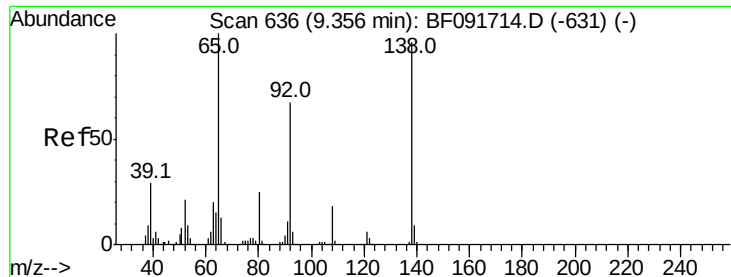


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.42 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

Tot Ion: 65 Resp: 372490

Ion Ratio Lower Upper

65 100

92 67.7 53.9 80.9

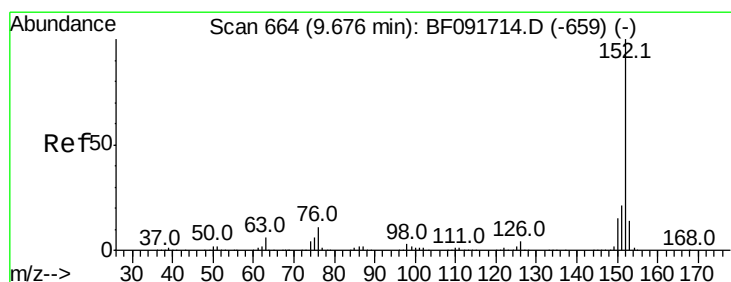
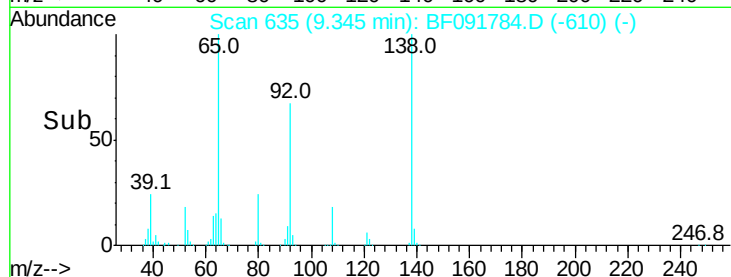
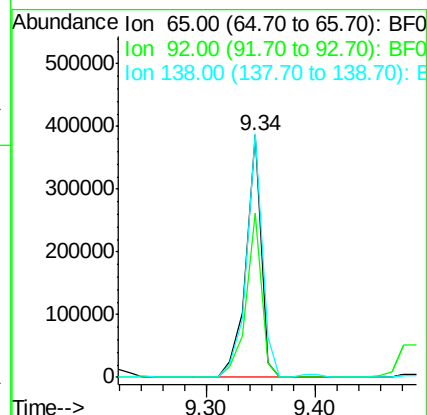
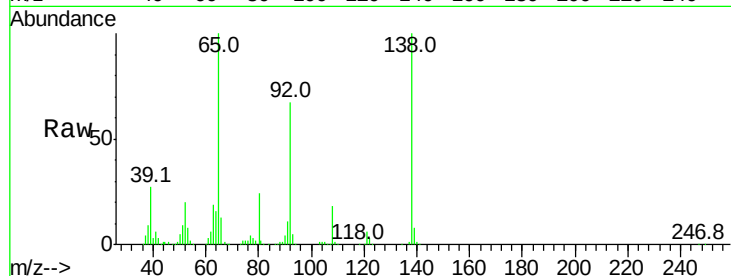
138 100.5 76.8 115.2

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#48

Acenaphthylene

Concen: 42.09 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

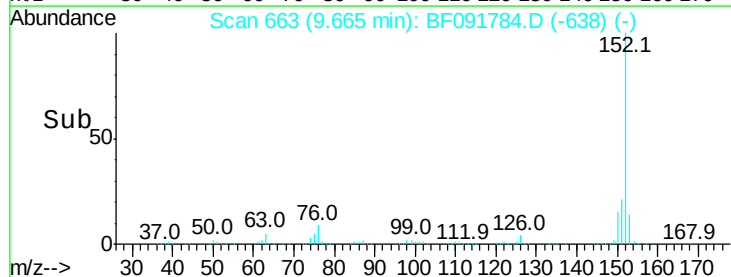
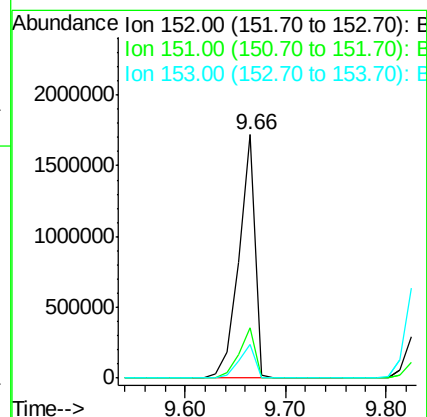
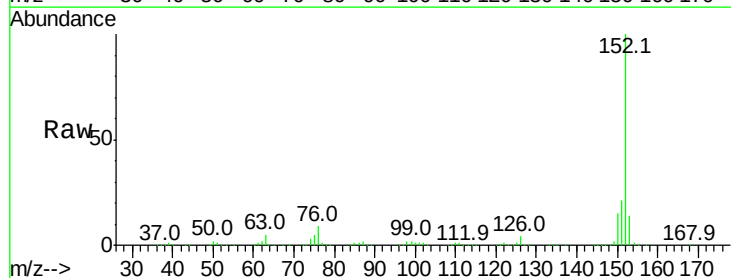
Tgt Ion: 152 Resp: 1901396

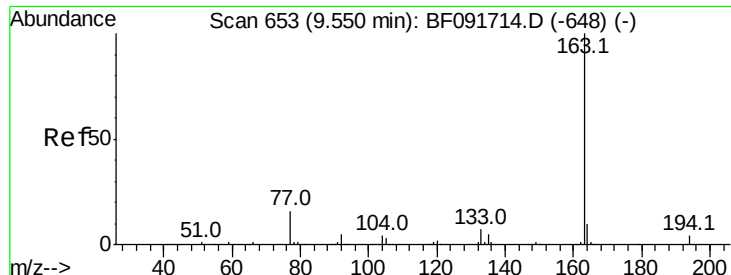
Ion Ratio Lower Upper

152 100

151 20.6 16.9 25.3

153 13.8 11.4 17.2





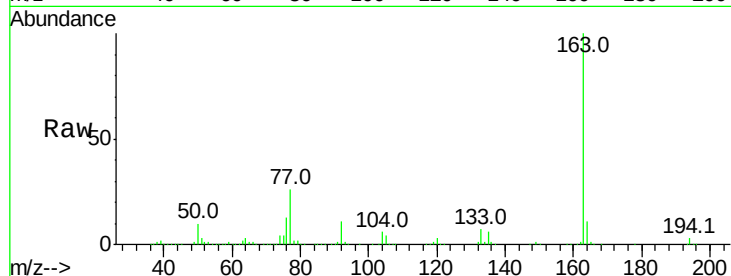
#49
Dimethylphthalate
Concen: 37.21 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Instrument :
BNA_F
ClientSampleId :
PB95441BS

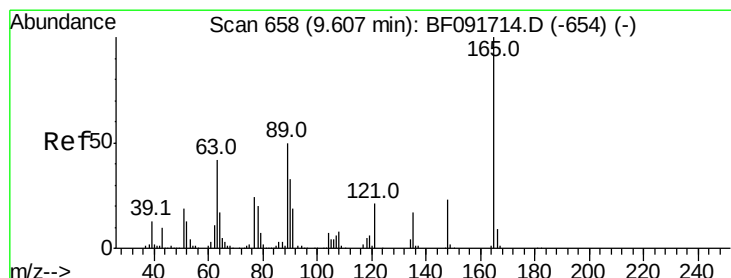
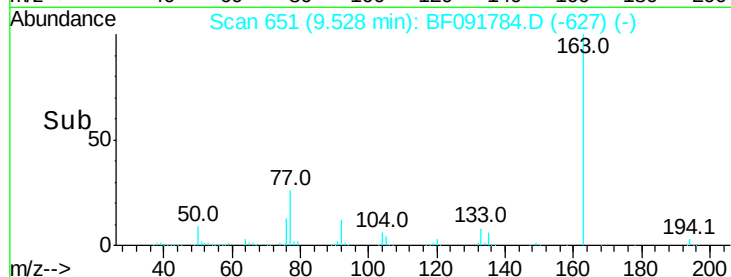
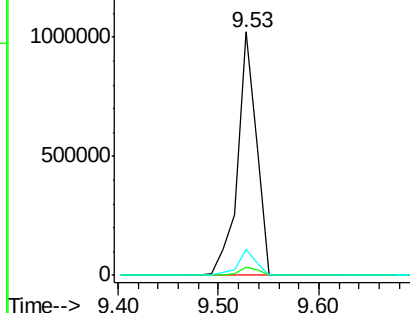
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.5	8.0	12.0

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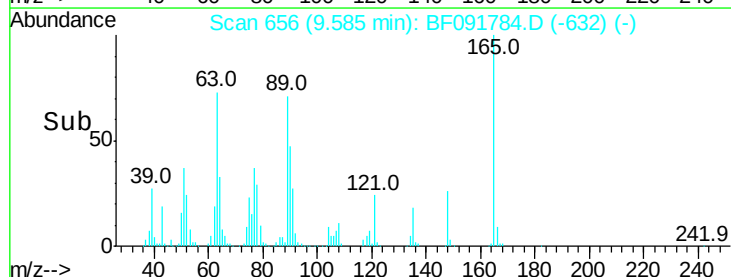
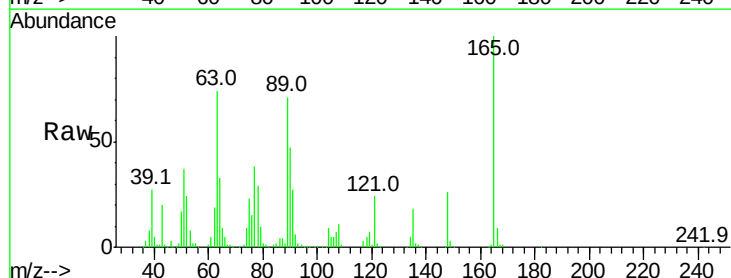
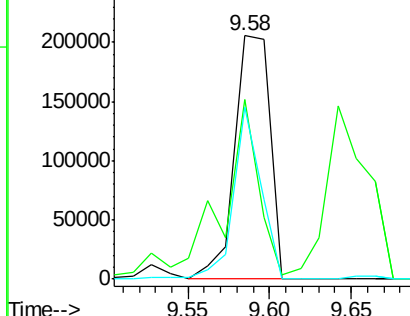
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

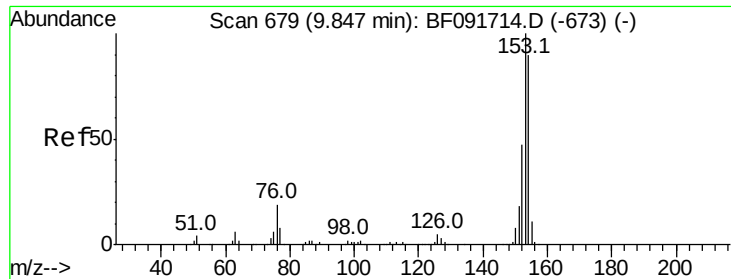


#50
2,6-Dinitrotoluene
Concen: 39.28 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.6	36.2	54.4#
89	70.8	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: 40.17 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

Tot Ion:154 Resp: 1245688

Ion Ratio Lower Upper

154 100

153 112.1 88.6 133.0

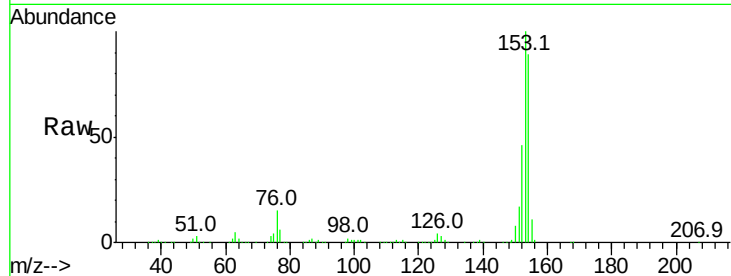
152 51.5 41.6 62.4

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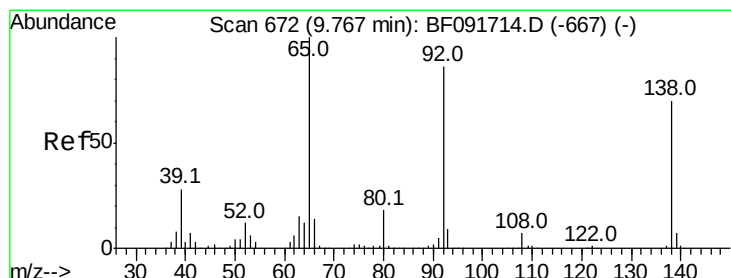
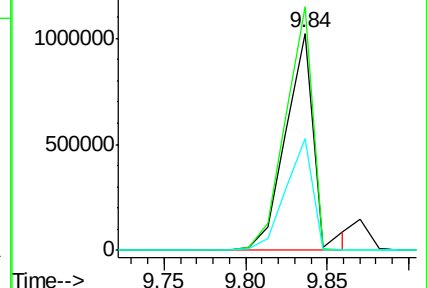
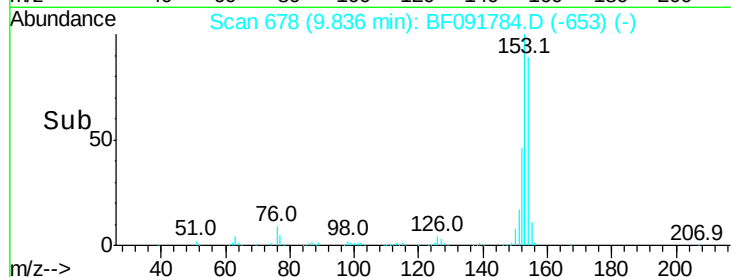
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 7.84 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

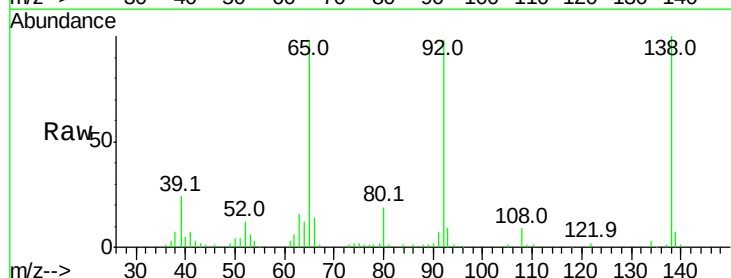
Tgt Ion:138 Resp: 76142

Ion Ratio Lower Upper

138 100

108 9.2 8.5 12.7

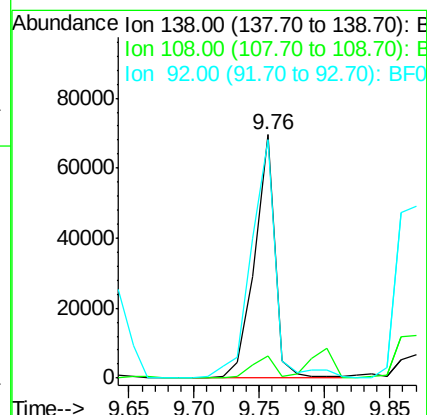
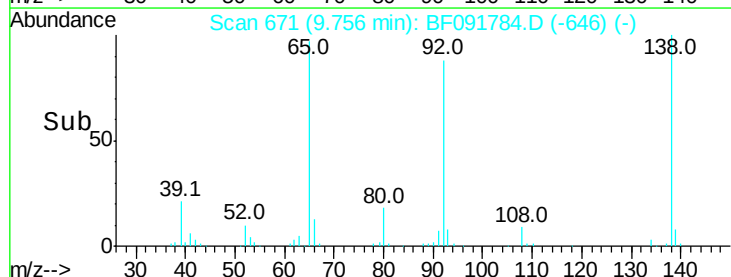
92 98.2 97.8 146.8

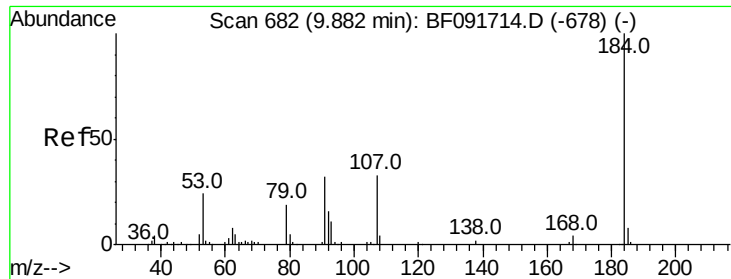


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





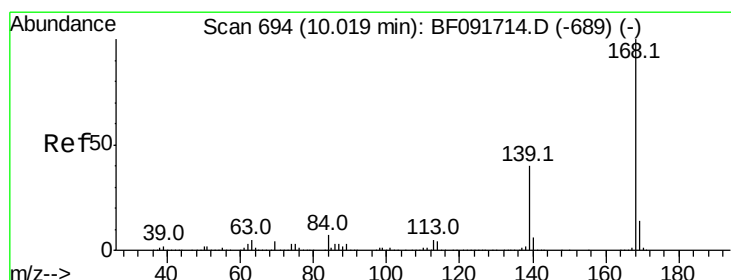
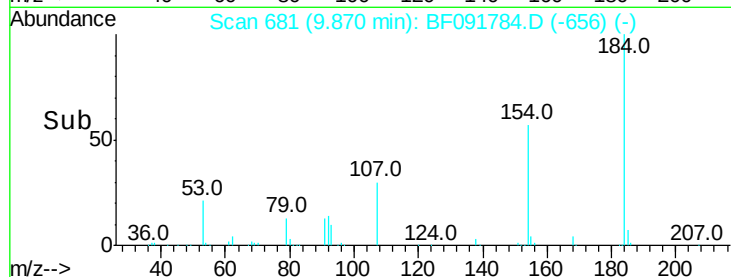
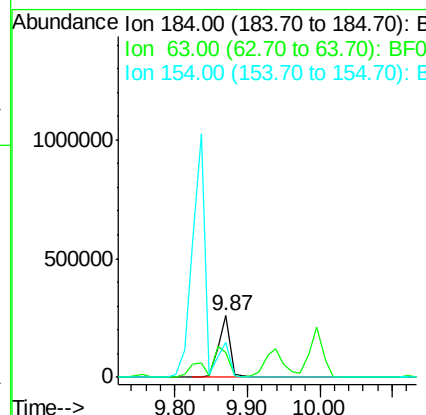
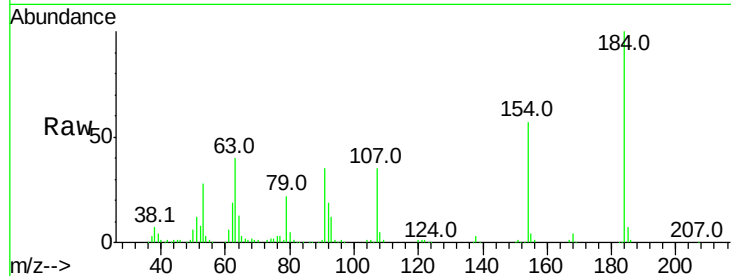
#53
 2,4-Dinitrophenol
 Concen: 70.05 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	295033		
63	40.2	28.4	42.6	
154	56.8	44.3	66.5	

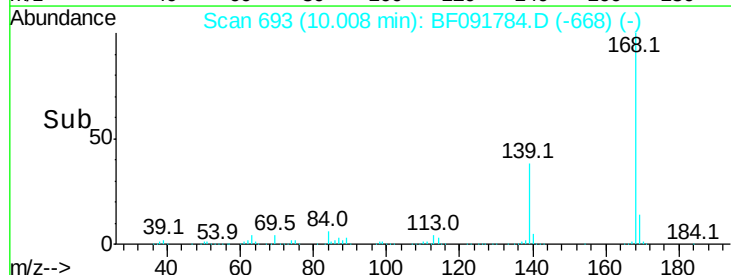
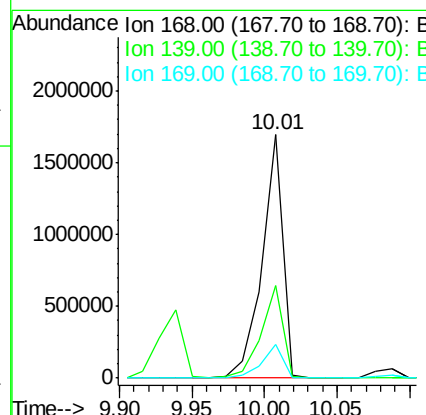
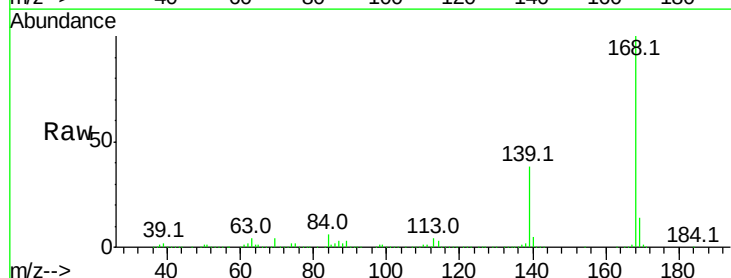
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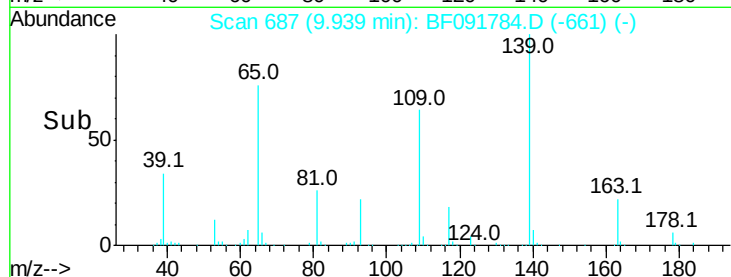
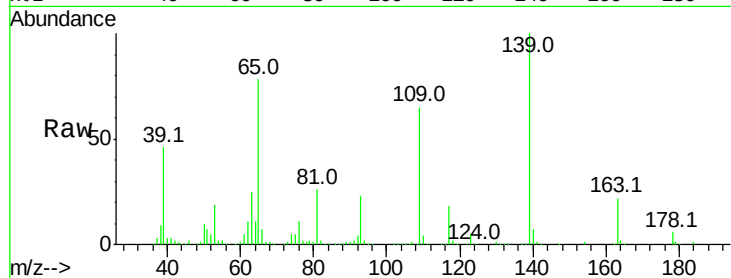
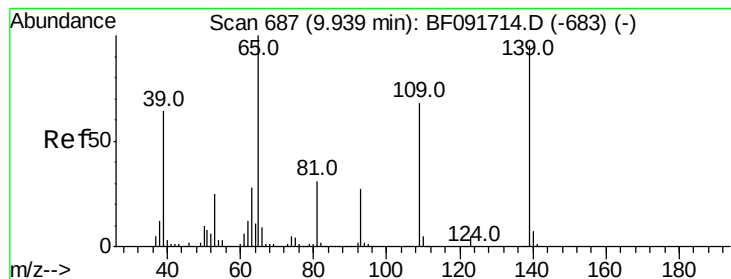
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#54
 Dibenzofuran
 Concen: 45.68 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1684315		
139	38.3	32.6	49.0	
169	13.8	11.3	16.9	





#55

4-Nitrophenol

Concen: 83.24 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Tot Ion	Ratio	Resp	Lower	Upper
139	100	561108		
109	64.5	52.2	92.2	
65	77.8	85.8	125.8	

Instrument :

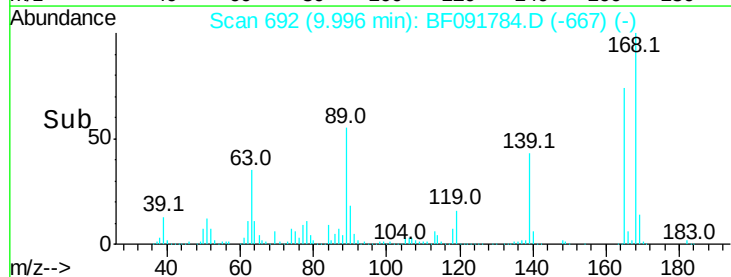
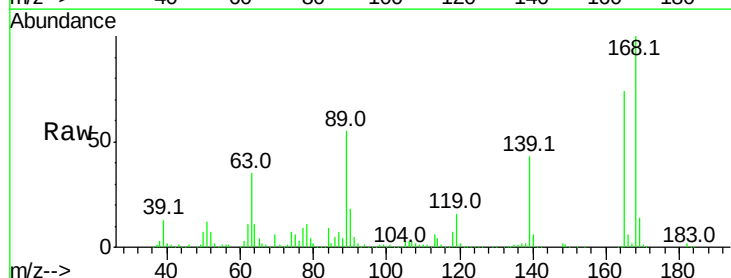
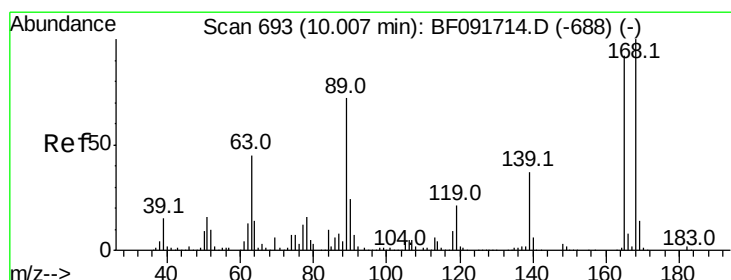
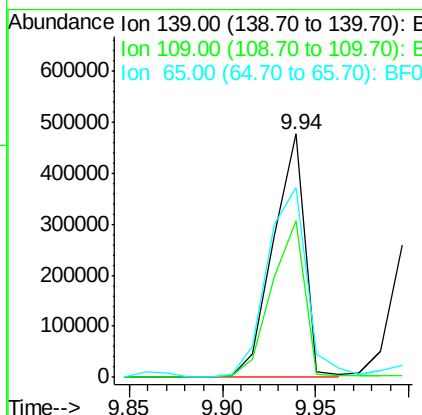
BNA_F

ClientSampled :

PB95441BS

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#56

2,4-Dinitrotoluene

Concen: 44.71 ng

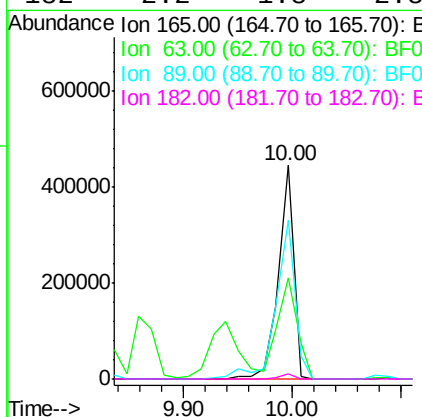
RT: 10.00 min Scan# 692

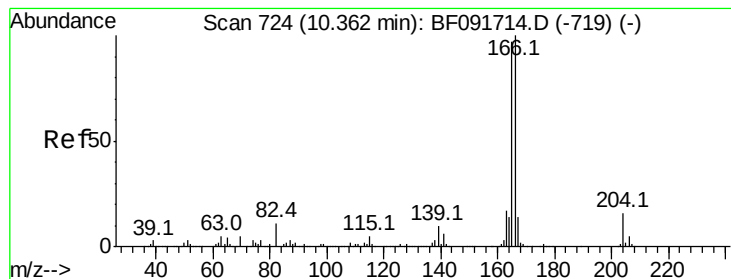
Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	435392		
63	47.5	40.2	60.4	
89	74.3	62.5	93.7	
182	2.2	1.8	2.8	





#57

Fluorene

Concen: 44.08 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

Tot Ion:166 Resp: 1262472

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.8

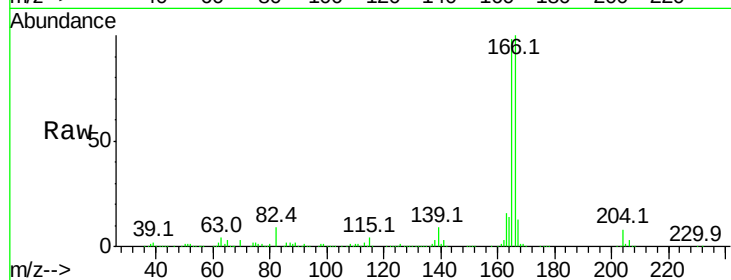
167 13.1 10.8 16.2

Manual Integrations

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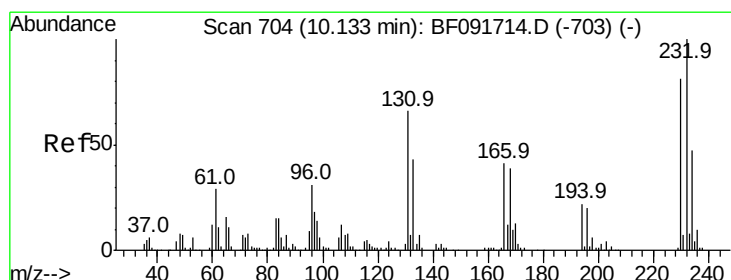
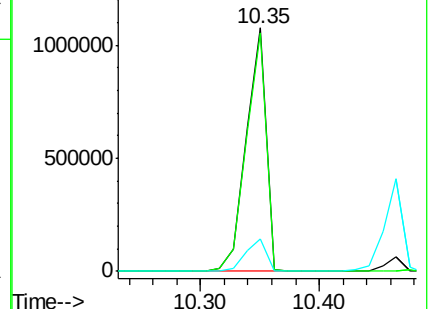
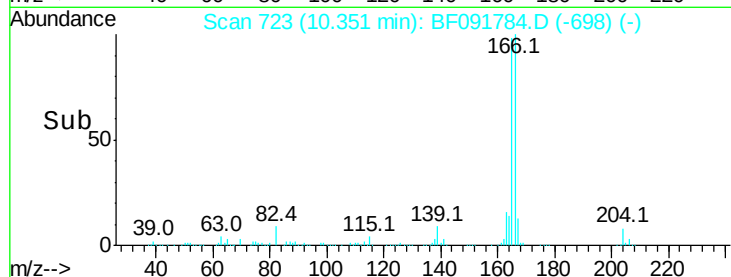
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.83 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Tgt Ion:232 Resp: 305737

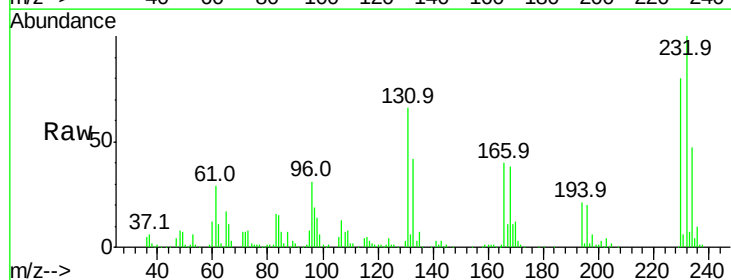
Ion Ratio Lower Upper

232 100

131 50.0 40.1 60.1

130 2.4 1.8 2.8

166 32.6 26.6 39.8

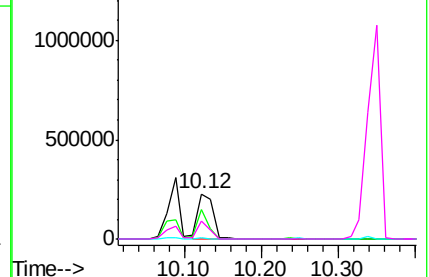
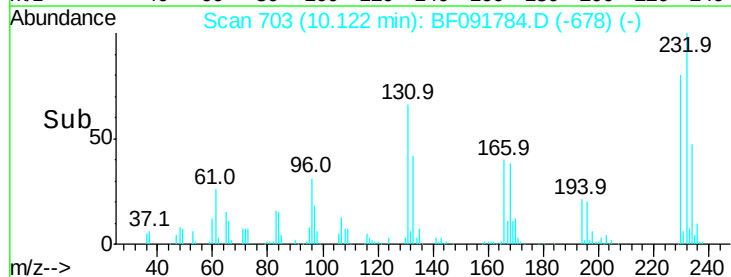


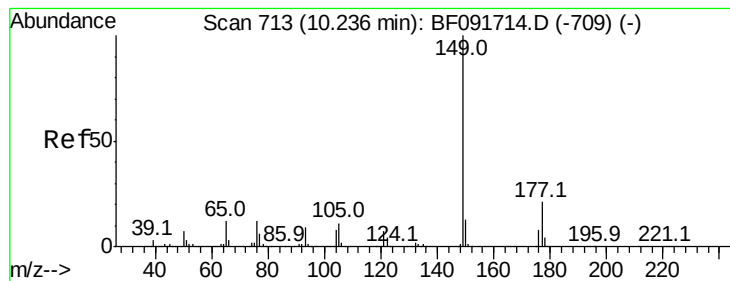
Abundance Ion 232.00 (231.70 to 232.70): E

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: 37.61 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

Tot Ion:149 Resp: 1314731

Ion Ratio Lower Upper

149 100

177 20.6 16.6 25.0

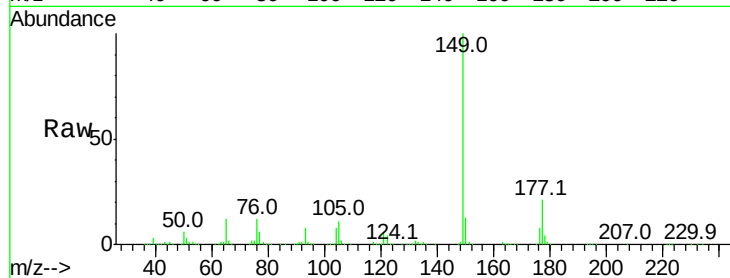
150 12.6 10.4 15.6

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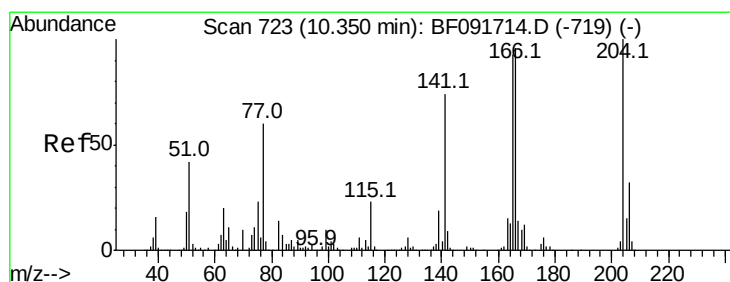
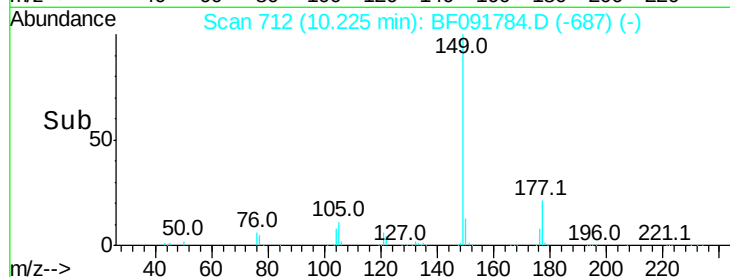
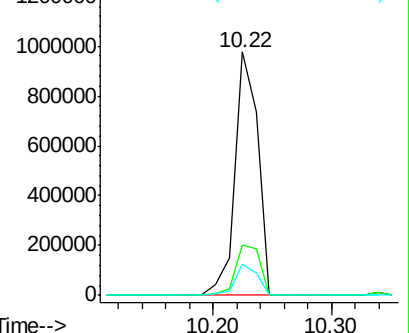
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.24 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

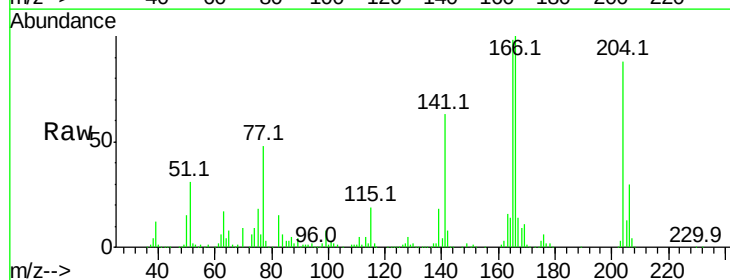
Tgt Ion:204 Resp: 511829

Ion Ratio Lower Upper

204 100

206 33.5 25.8 38.6

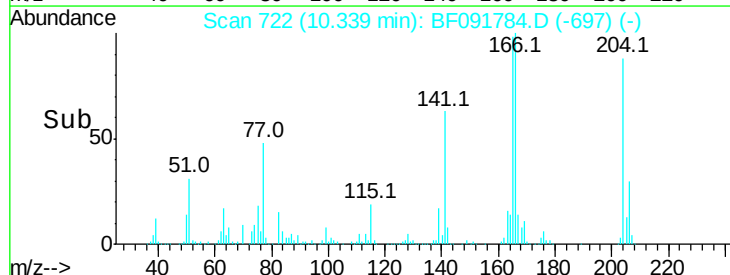
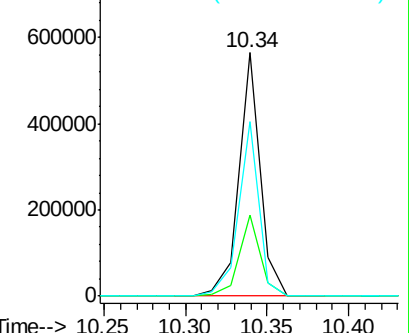
141 71.8 59.4 89.0

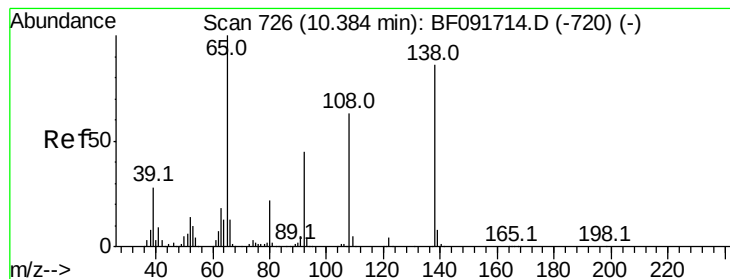


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.38 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

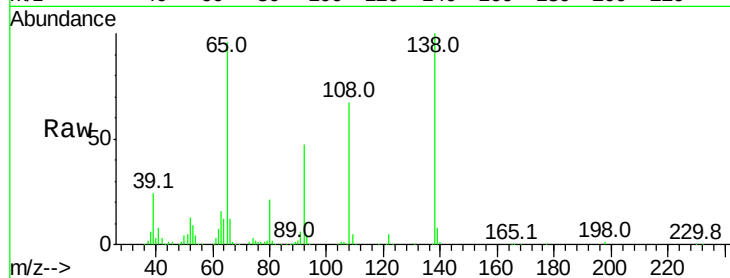
ClientSampleId :

PB95441BS

Tot Ion:	138	Resp:	334582
Ion Ratio	Lower	Upper	
138	100		
92	47.1	31.7	71.7
108	66.6	52.6	92.6

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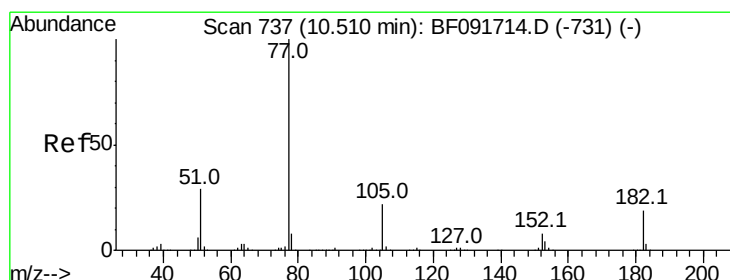
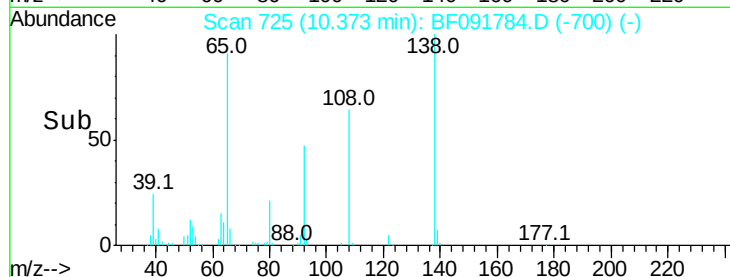
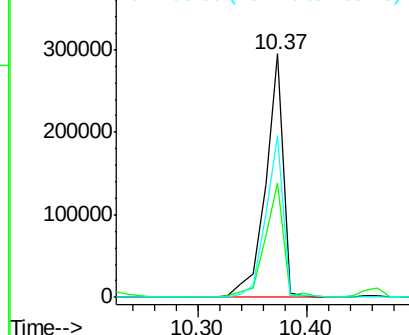
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.57 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

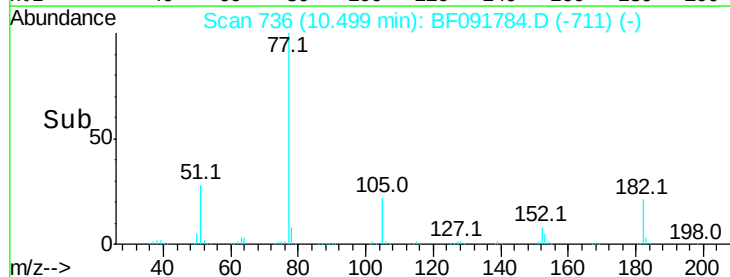
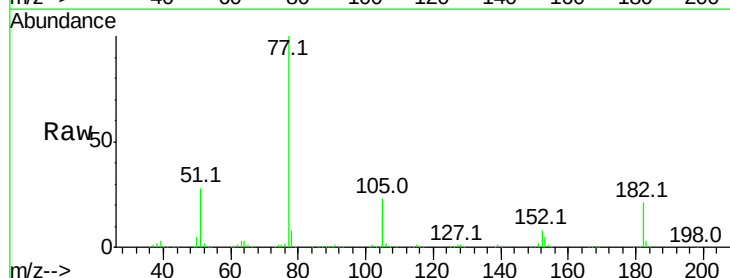
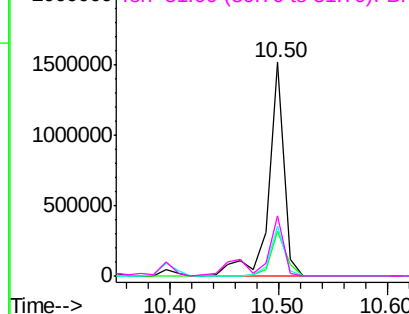
Tgt Ion:	77	Resp:	1508894
Ion Ratio	Lower	Upper	
77	100		
182	21.0	0.0	39.3
105	23.2	2.3	42.3
51	28.1	8.9	48.9

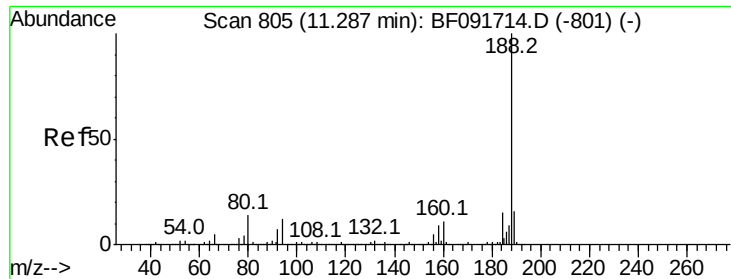
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





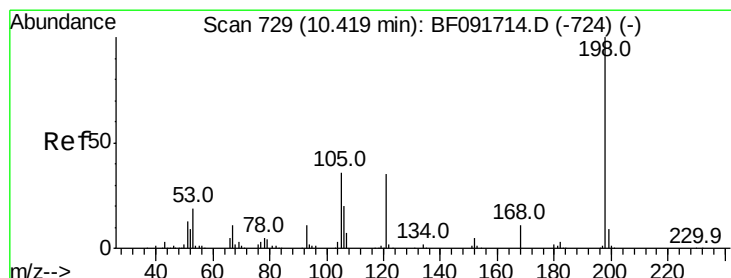
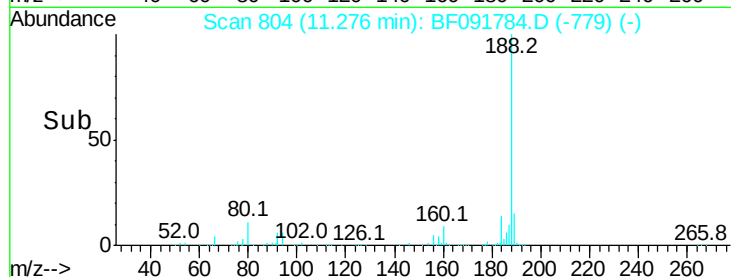
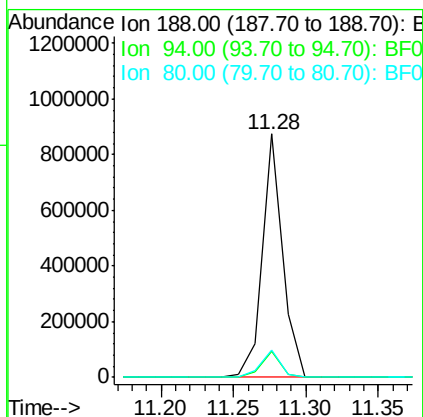
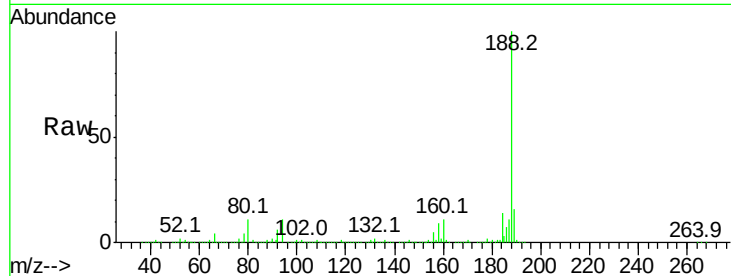
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Instrument :
BNA_F
ClientSampleId :
PB95441BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.6	10.0	15.0	
80	11.3	11.2	16.8	

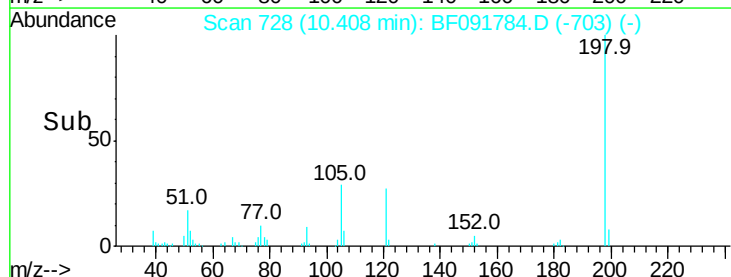
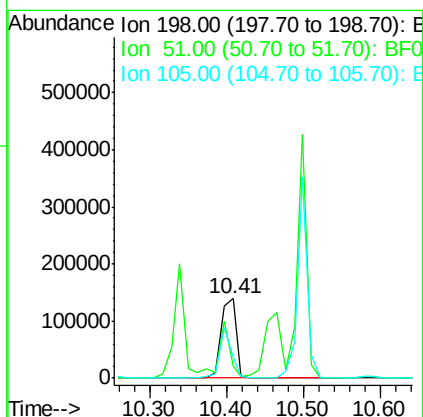
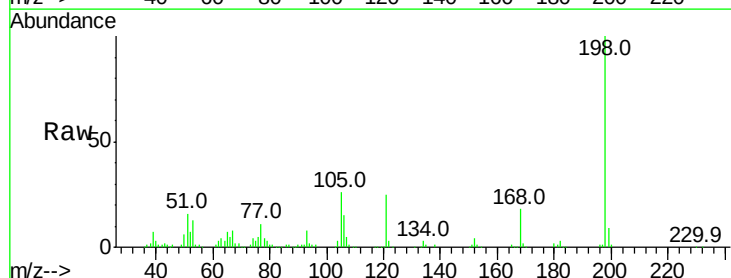
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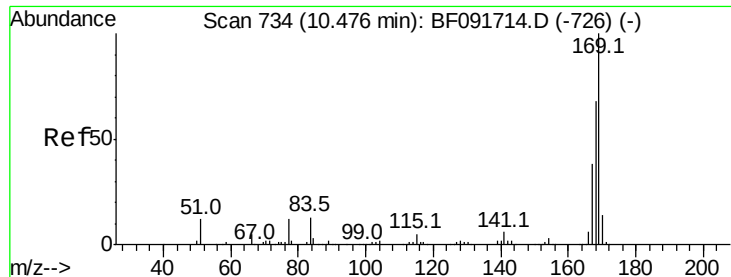
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.12 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	15.8	6.7	46.7	
105	26.2	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 44.39 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

ClientSampleId :

PB95441BS

Tot Ion:169 Resp: 1169898

Ion Ratio Lower Upper

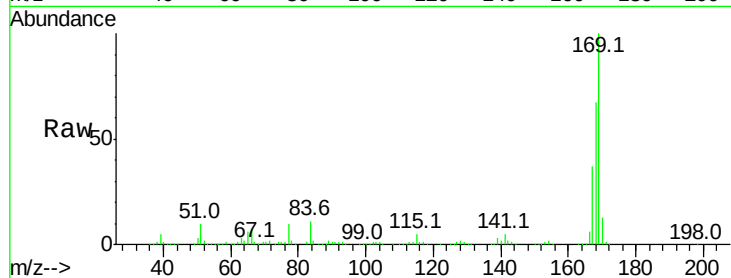
169 100

168 66.9 54.2 81.2

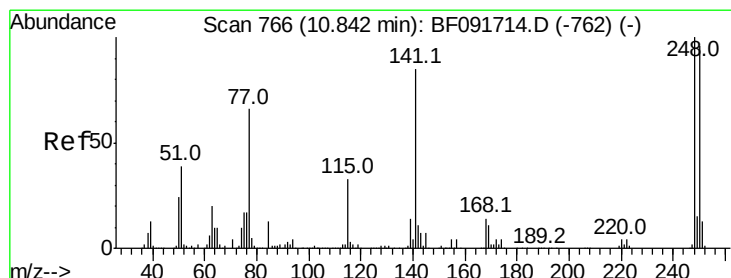
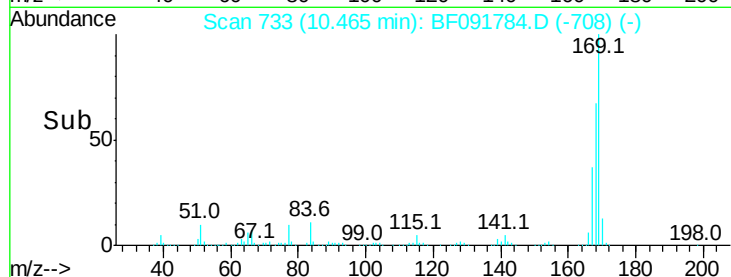
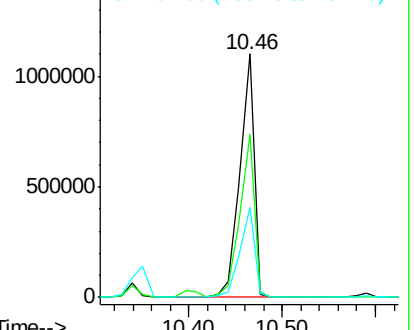
167 37.1 30.2 45.4

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Abundance Ion 169.00 (168.70 to 169.70): E
1500000 Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.24 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

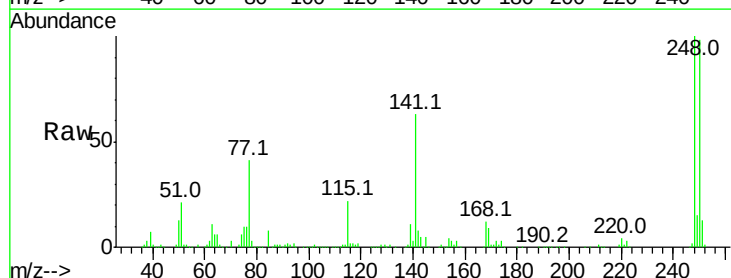
Tgt Ion:248 Resp: 384831

Ion Ratio Lower Upper

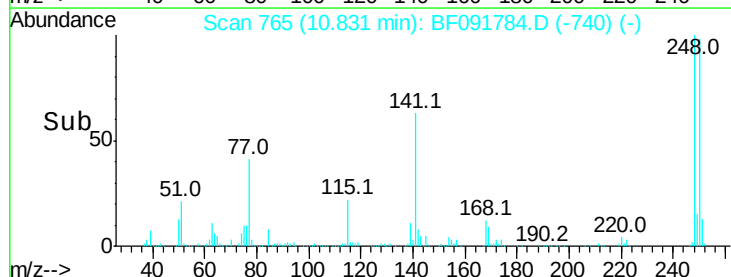
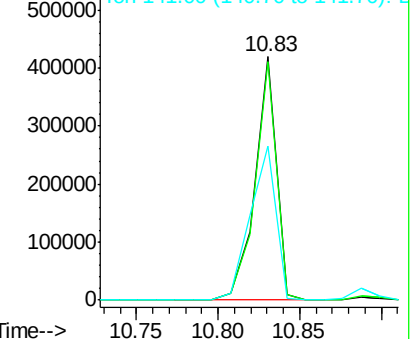
248 100

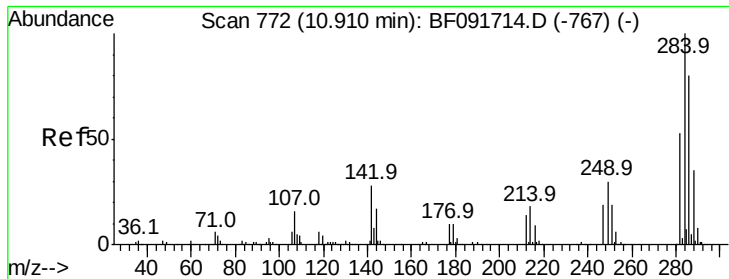
250 97.7 76.9 115.3

141 63.4 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
500000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.50 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

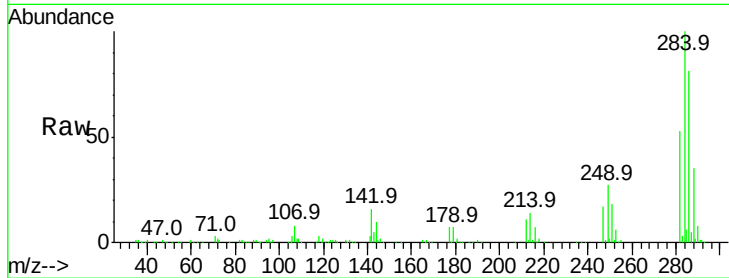
ClientSampleId :

PB95441BS

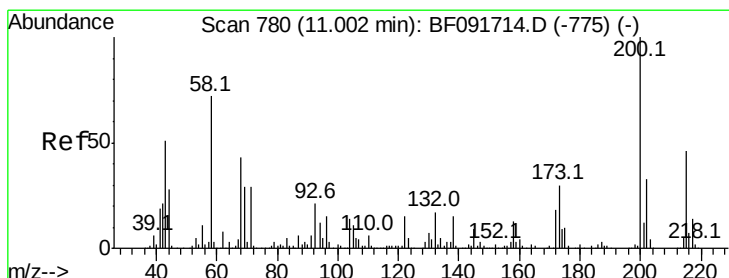
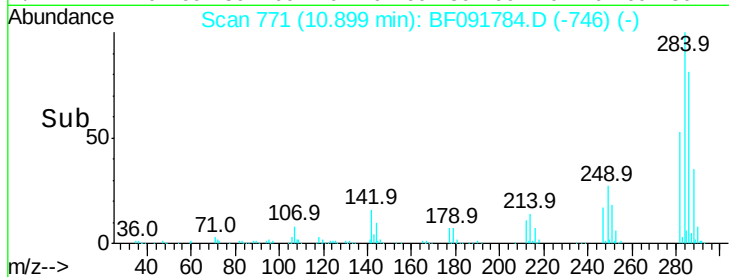
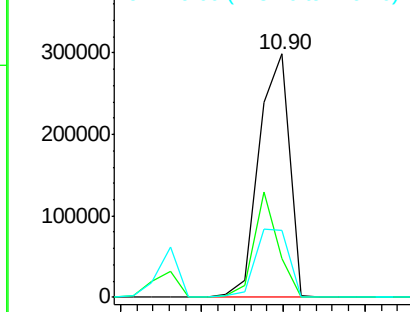
Tot Ion:	284	Resp:	386972
Ion Ratio	Lower	Upper	
284	100		
142	16.2	22.6	33.8#
249	27.3	25.4	38.0

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



#68

Atrazine

Concen: 41.16 ng

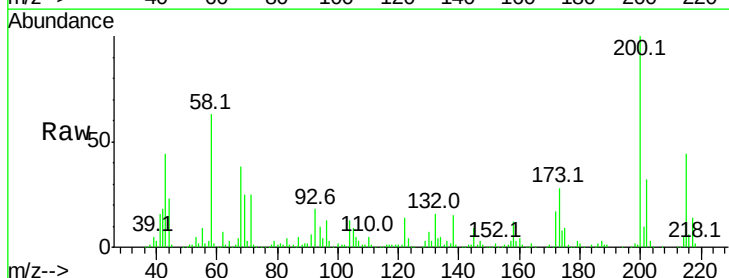
RT: 10.99 min Scan# 779

Delta R.T. -0.01 min

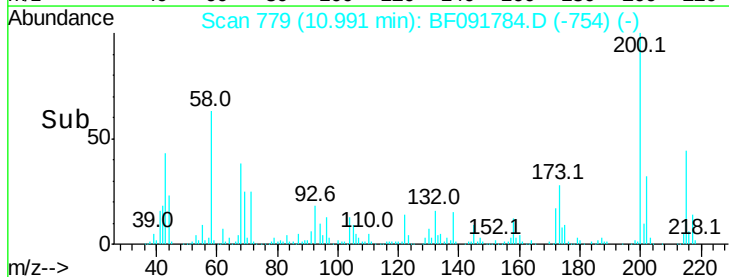
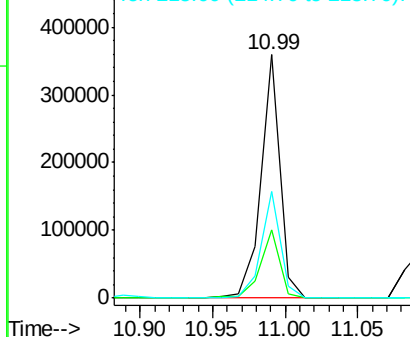
Lab File: BF091784.D

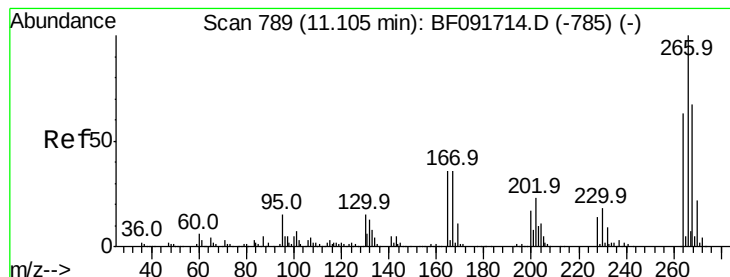
Acq: 19 Dec 2016 20:25

Tgt Ion:	200	Resp:	327753
Ion Ratio	Lower	Upper	
200	100		
173	27.9	9.6	49.6
215	43.8	25.7	65.7



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





#69

Pentachlorophenol

Concen: 81.33 ng

RT: 11.09 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

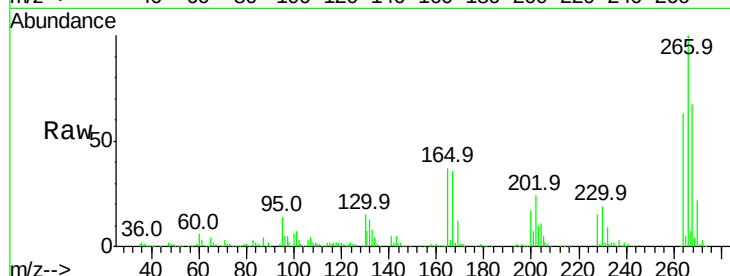
ClientSampleId :

PB95441BS

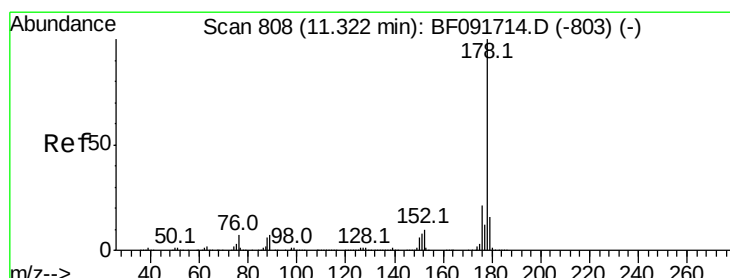
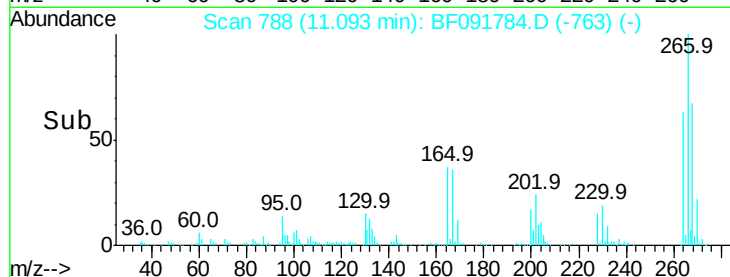
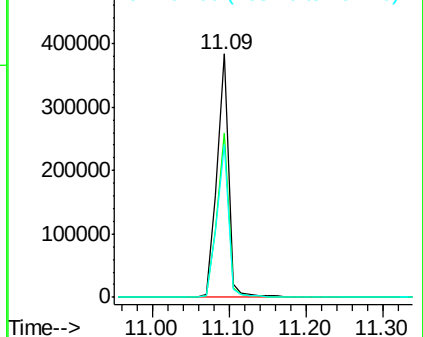
Tot Ion:	266	Resp:	409254
Ion Ratio	Lower	Upper	
266	100		
268	67.3	53.3	79.9
264	62.5	50.3	75.5

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



#70

Phenanthrene

Concen: 41.05 ng

RT: 11.30 min Scan# 806

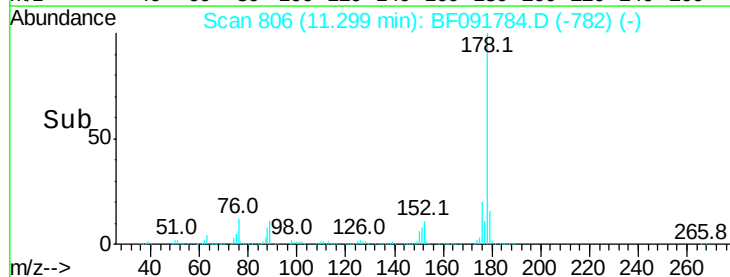
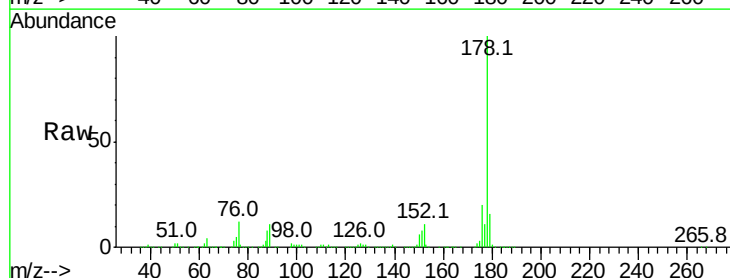
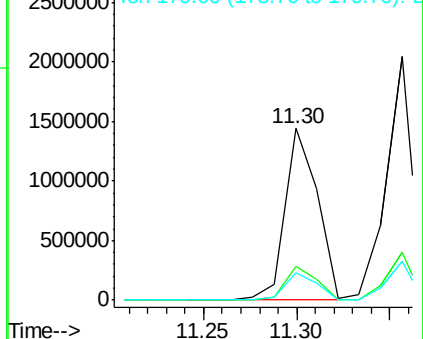
Delta R.T. -0.02 min

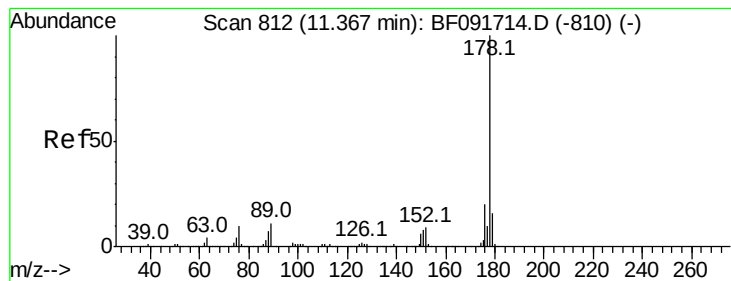
Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Tgt Ion:	178	Resp:	1740676
Ion Ratio	Lower	Upper	
178	100		
176	19.7	16.6	25.0
179	16.2	12.8	19.2

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





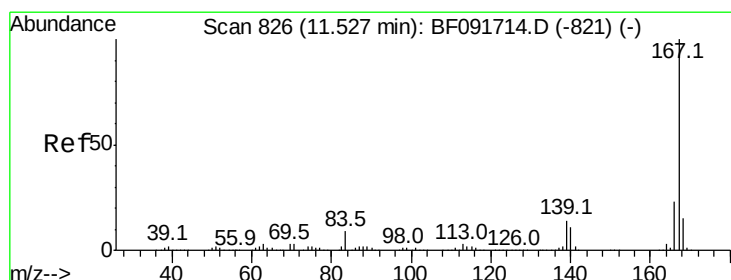
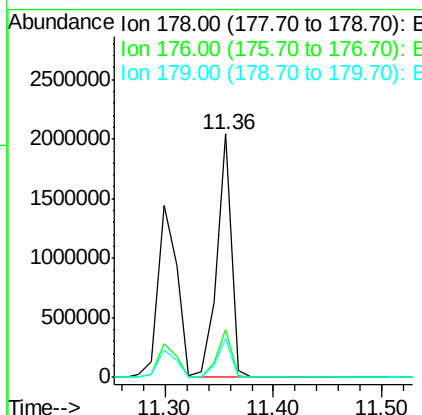
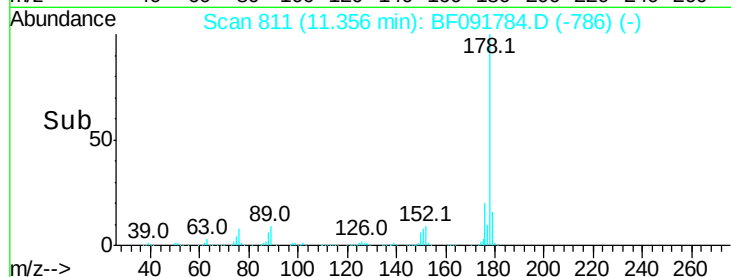
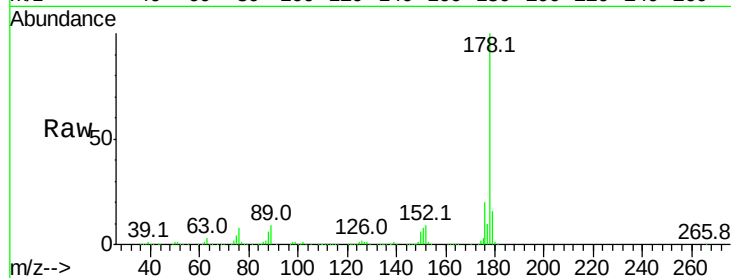
#71
 Anthracene
 Concen: 42.55 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampled :
 PB95441BS

Tot Ion:178 Resp: 1911129
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.0 13.2 19.8

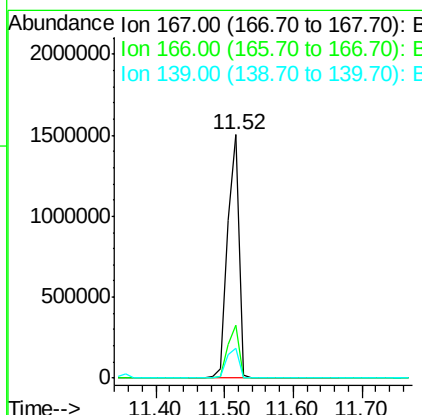
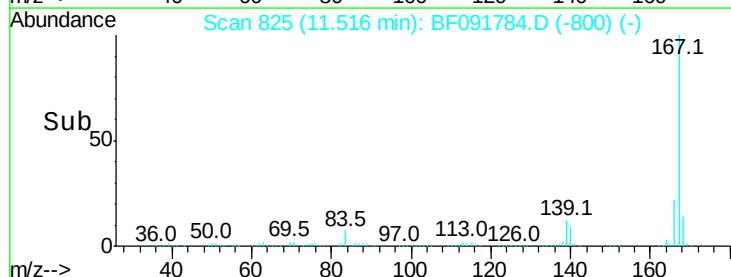
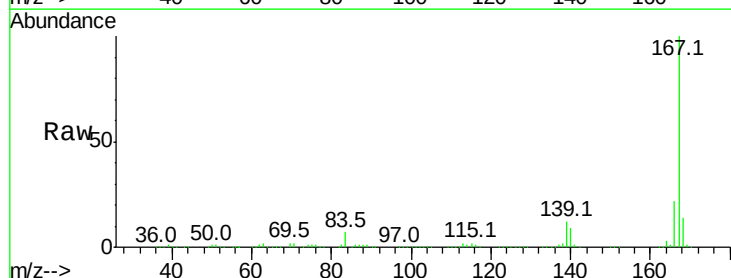
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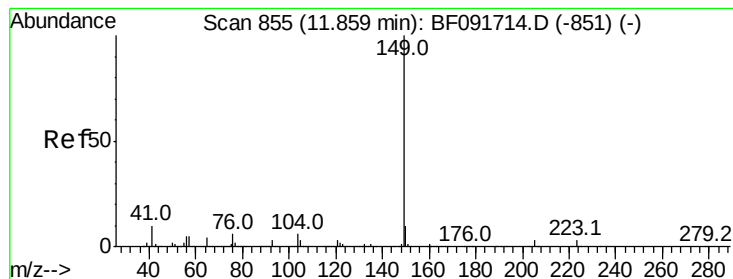
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#72
 Carbazole
 Concen: 45.12 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion:167 Resp: 1772158
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.2
 139 12.1 11.4 17.2





#73

Di-n-butylphthalate

Concen: 39.35 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

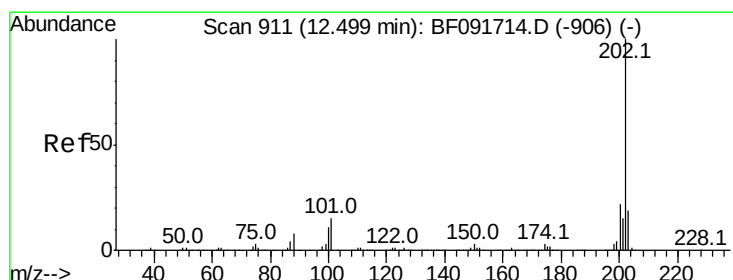
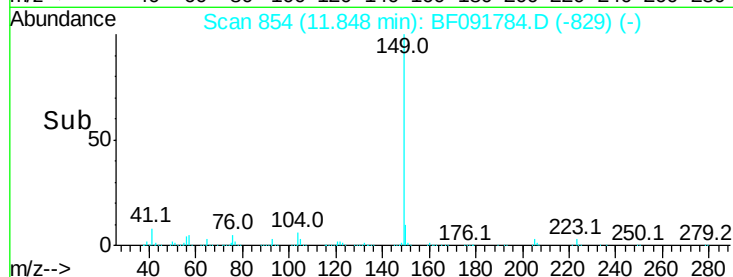
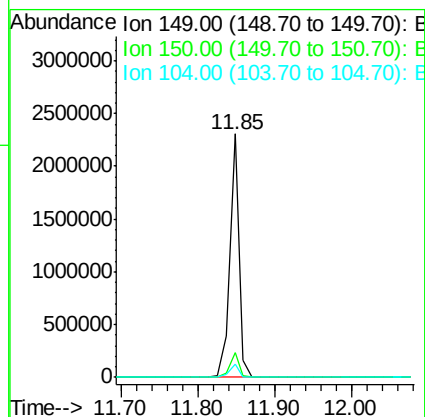
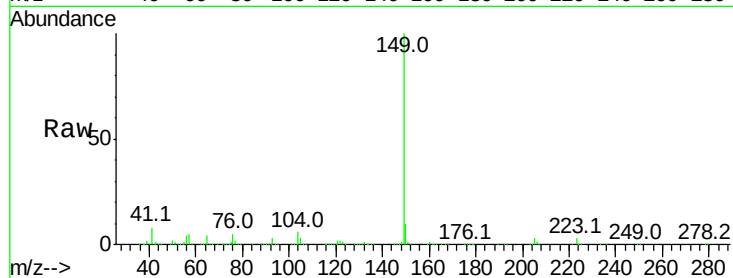
ClientSampleId :

PB95441BS

Tot Ion:	149	Resp:	1981452
Ion Ratio	Lower	Upper	
149	100		
150	9.9	8.1	12.1
104	5.5	4.6	7.0

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#74

Fluoranthene

Concen: 41.72 ng

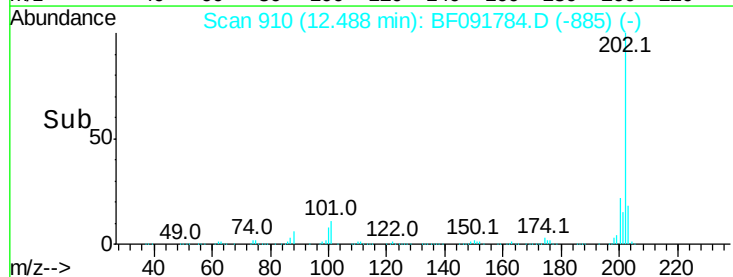
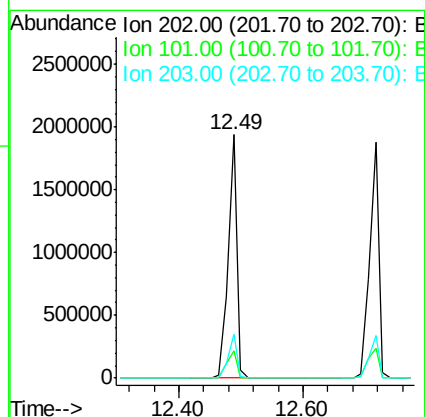
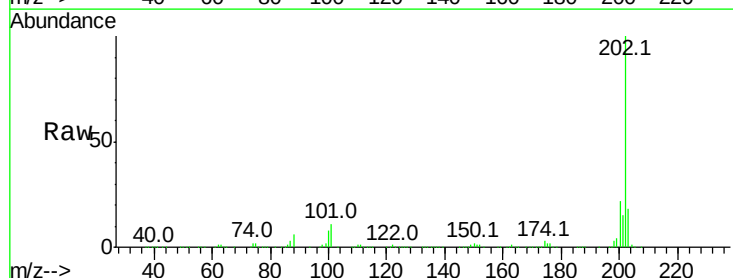
RT: 12.49 min Scan# 910

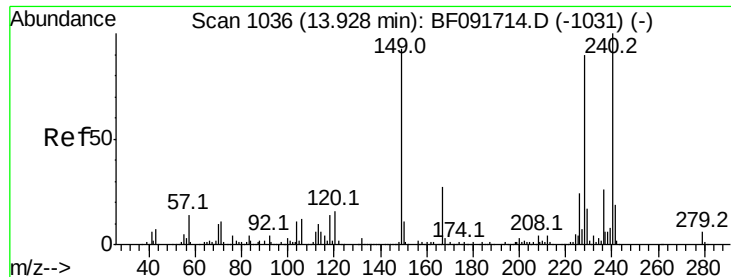
Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Tgt Ion:	202	Resp:	1847578
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	34.6
203	18.1	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Instrument :

BNA_F

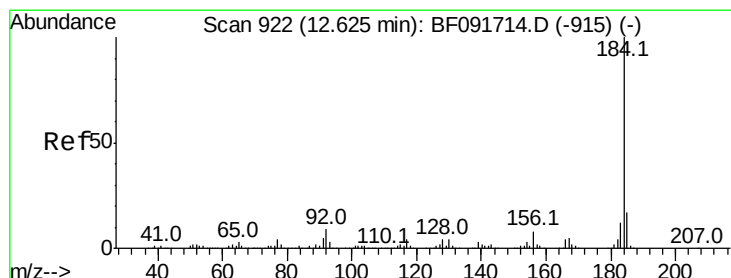
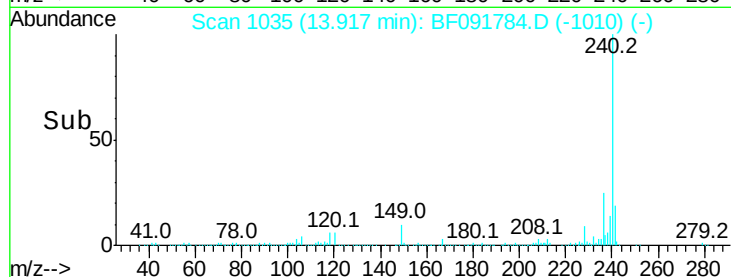
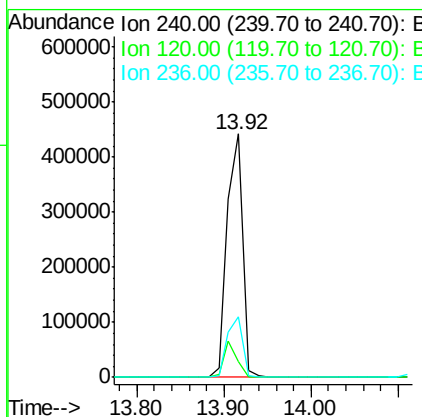
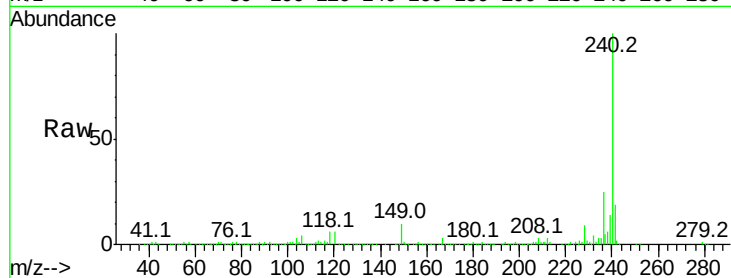
ClientSampleId :

PB95441BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	550381		
120	6.4	12.9	19.3	
236	25.1	20.9	31.3	

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#76

Benzidine

Concen: 16.84 ng

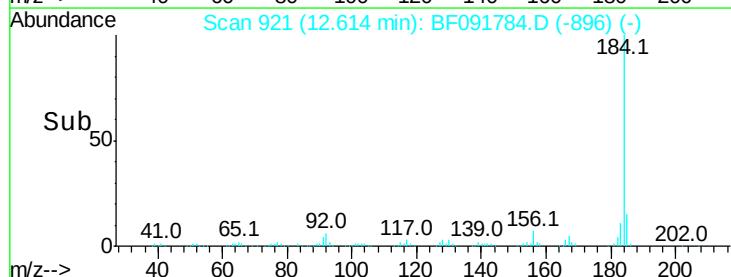
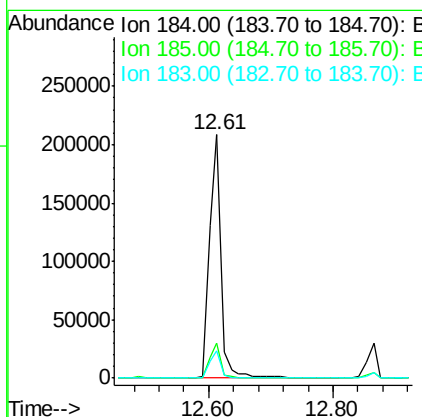
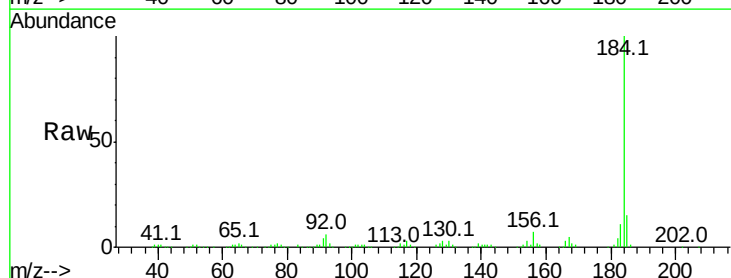
RT: 12.61 min Scan# 921

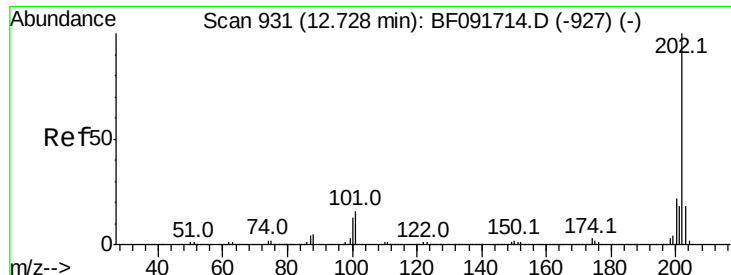
Delta R.T. -0.01 min

Lab File: BF091784.D

Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	266797		
185	14.5	13.4	20.0	
183	11.0	9.2	13.8	





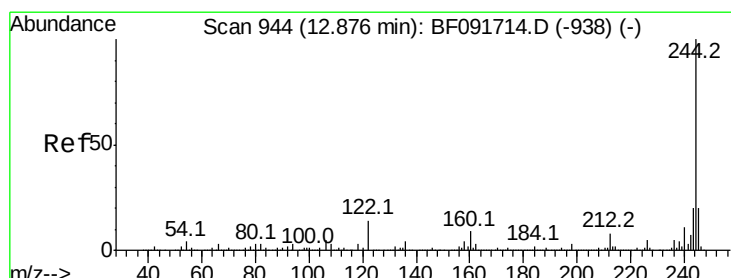
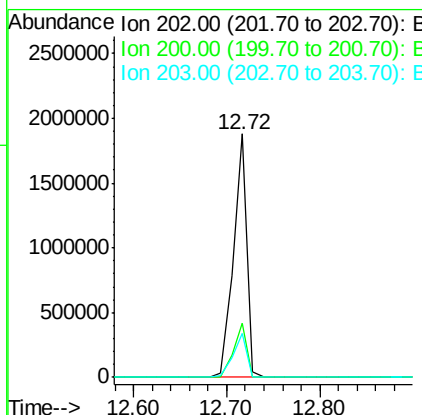
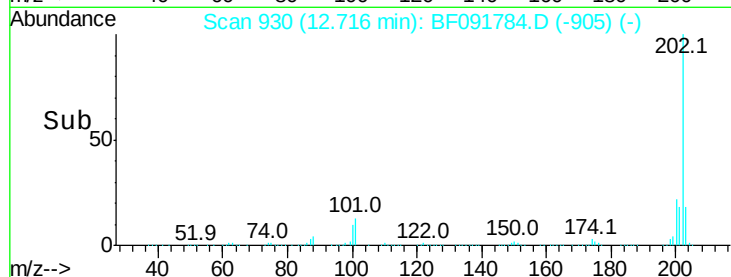
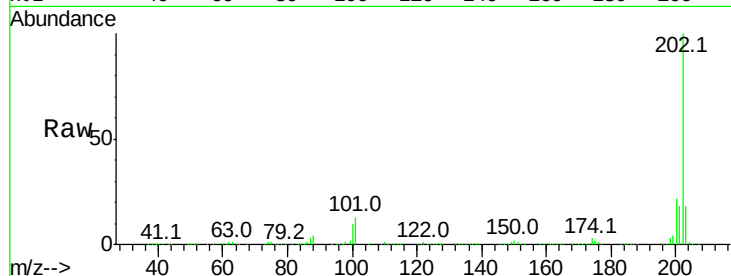
#77
Pvrene
Concen: 47.54 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Instrument :
BNA_F
ClientSampleId :
PB95441BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	18.1	14.7	22.1

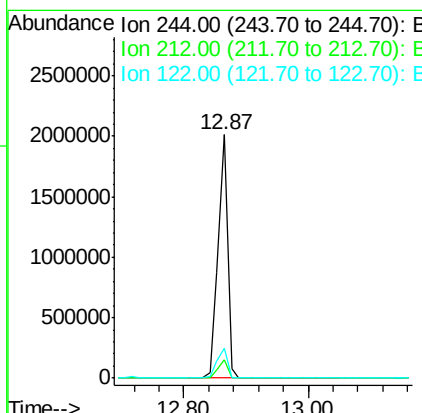
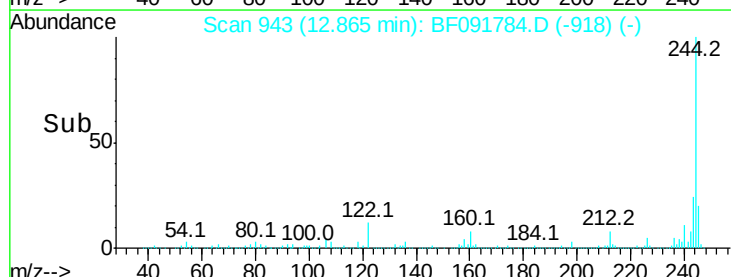
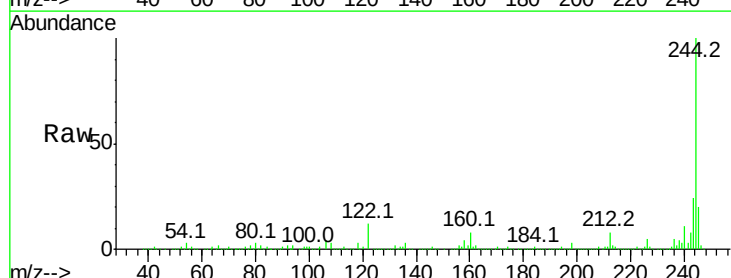
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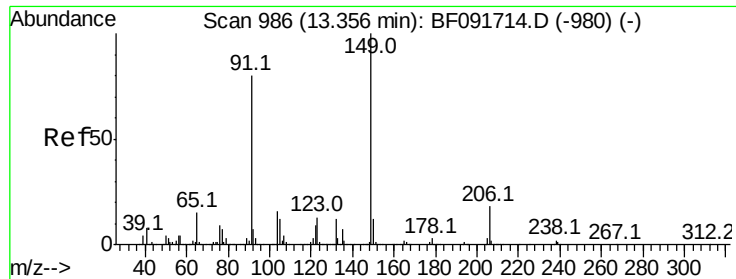
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#78
Terphenyl-d14
Concen: 95.37 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	12.4	11.4	17.2





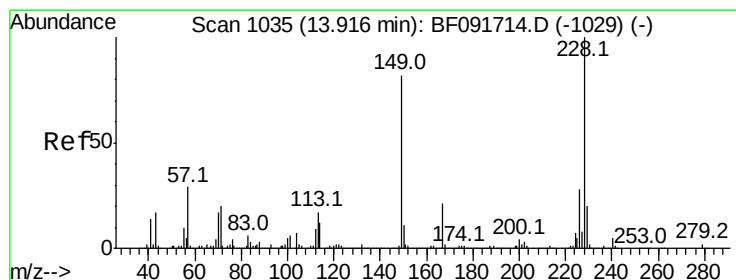
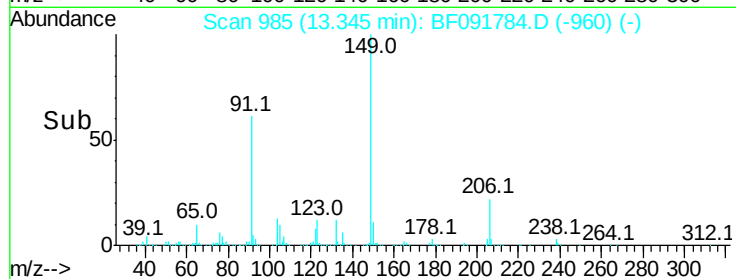
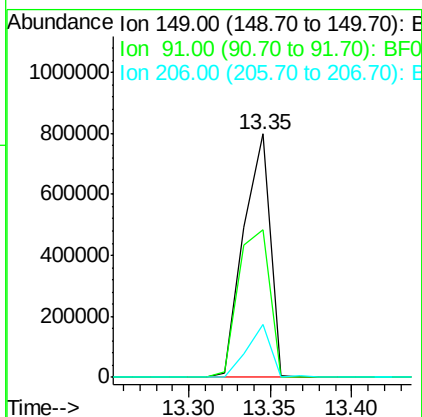
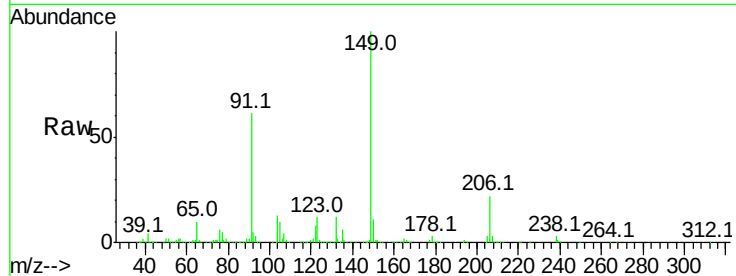
#79
Butylbenzylphthalate
Concen: 48.58 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Instrument :
BNA_F
ClientSampled :
PB95441BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	903721		
91	60.9	63.9	95.9#	
206	21.9	14.6	21.8#	

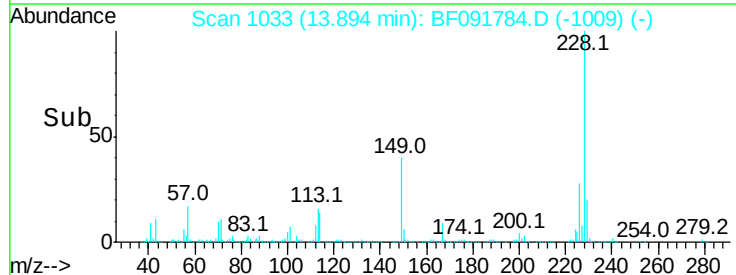
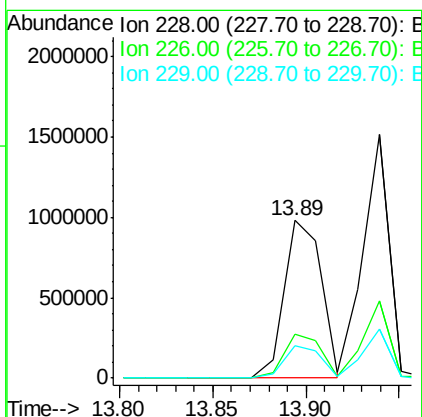
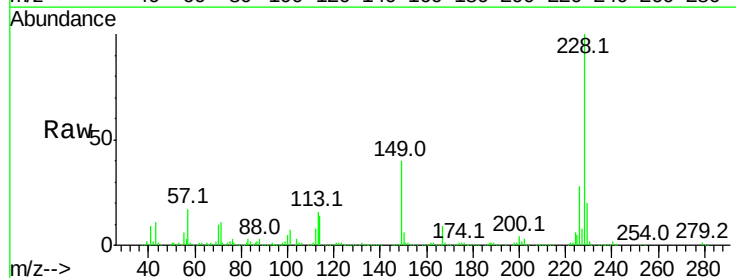
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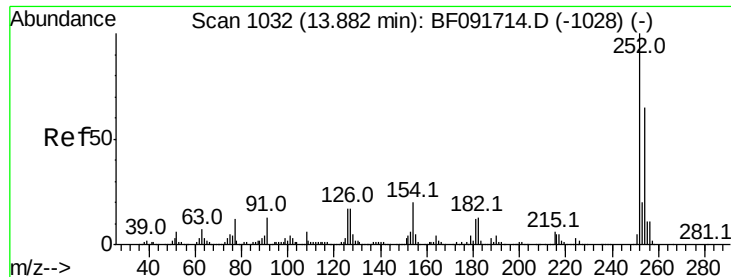
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#80
Benzo(a)anthracene
Concen: 43.32 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1363812		
226	27.6	22.4	33.6	
229	20.5	16.2	24.4	





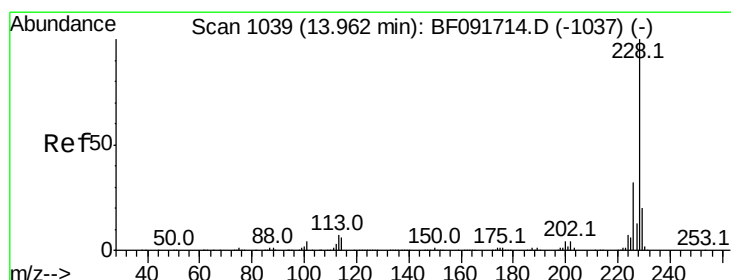
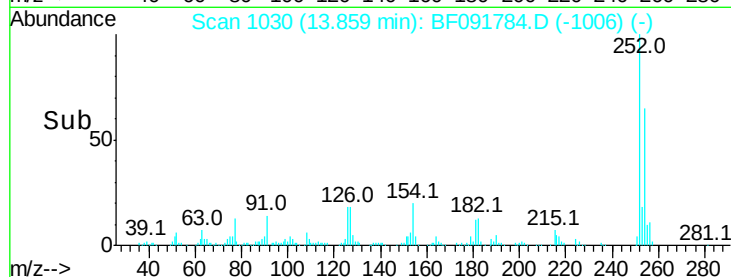
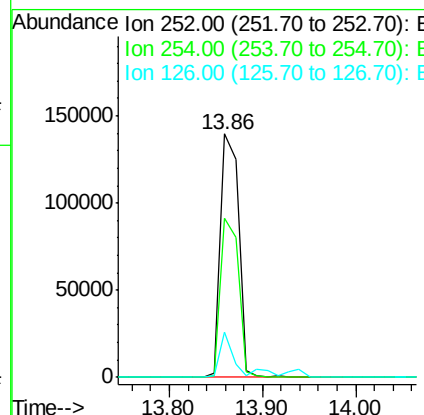
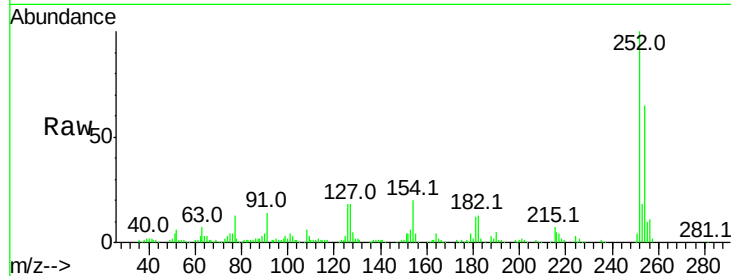
#81
 3,3'-Dichlorobenzidine
 Concen: 14.98 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	188650		
254	65.4	52.3	78.5	
126	18.5	13.6	20.4	

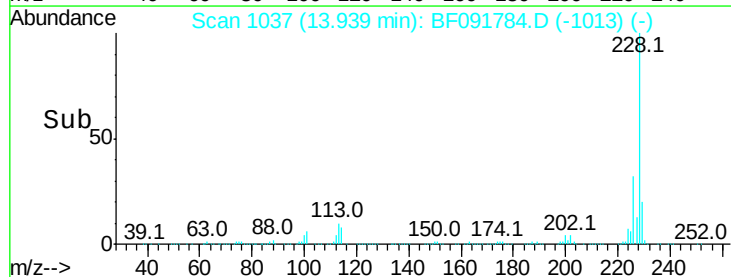
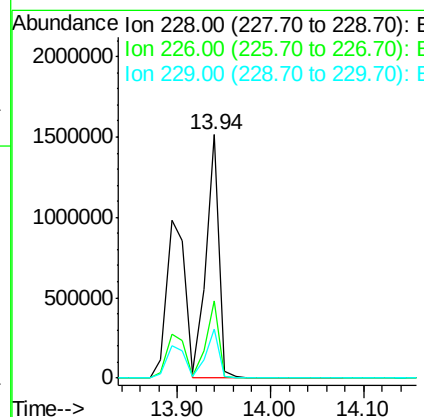
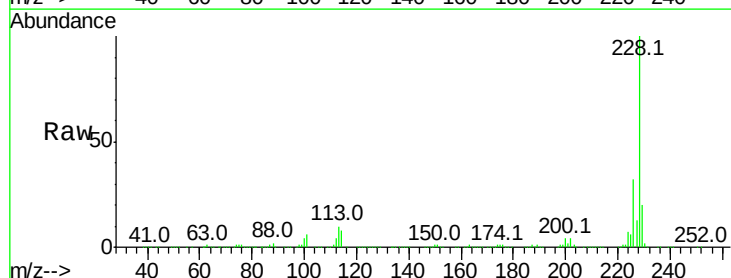
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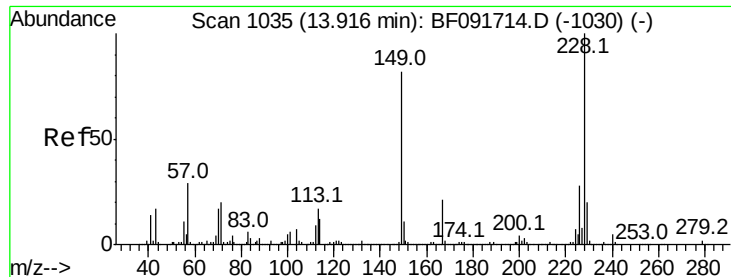
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#82
 Chrysene
 Concen: 44.92 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1465864		
226	31.5	25.4	38.0	
229	20.3	16.2	24.2	





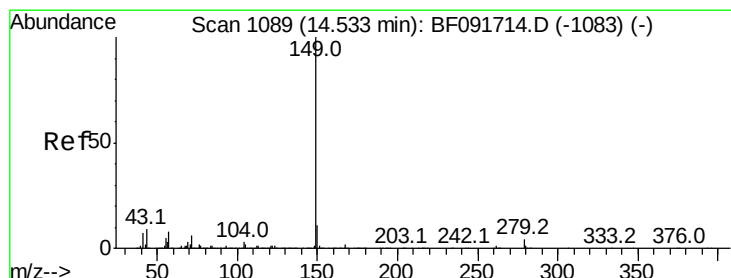
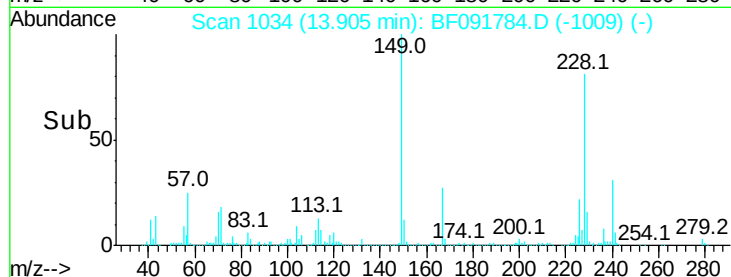
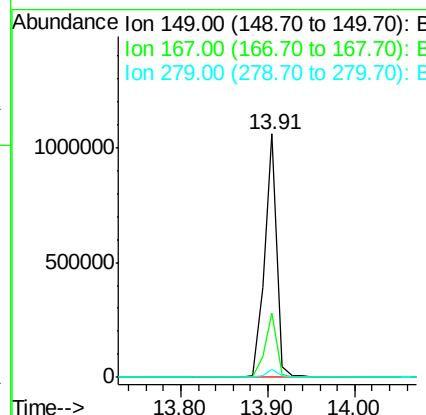
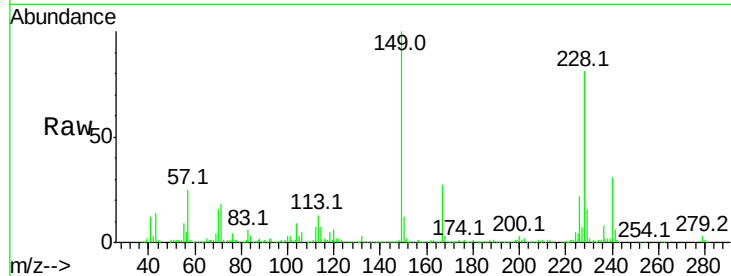
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.09 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.2	30.4
279	3.3	1.8	2.8

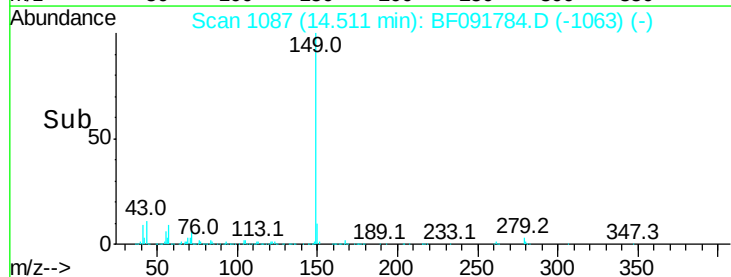
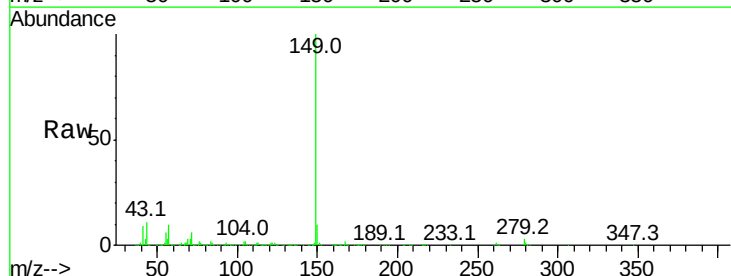
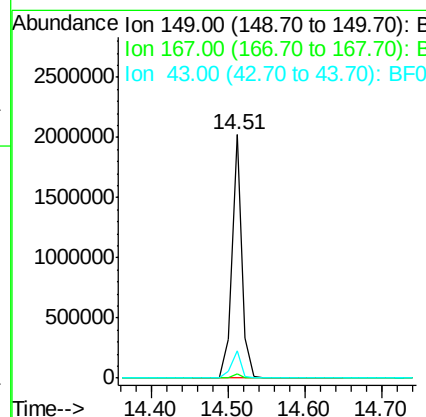
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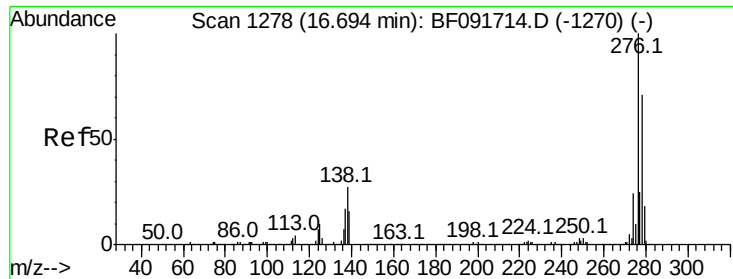
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#84
 Di-n-octyl phthalate
 Concen: 42.85 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.0	8.9	13.3





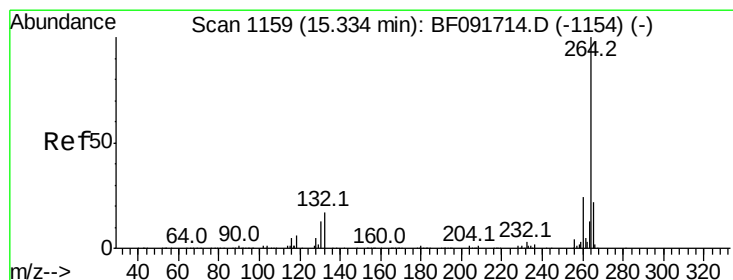
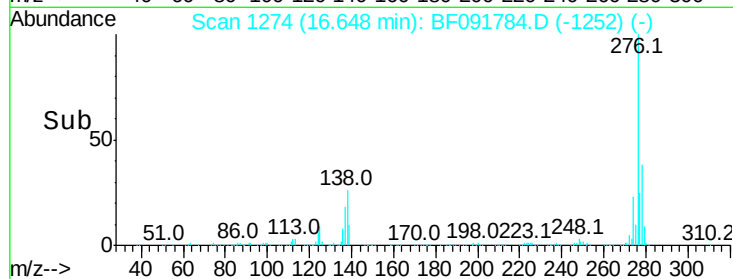
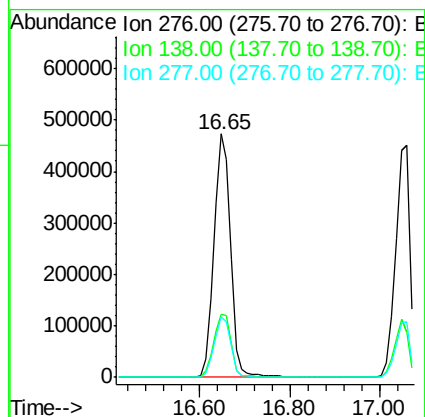
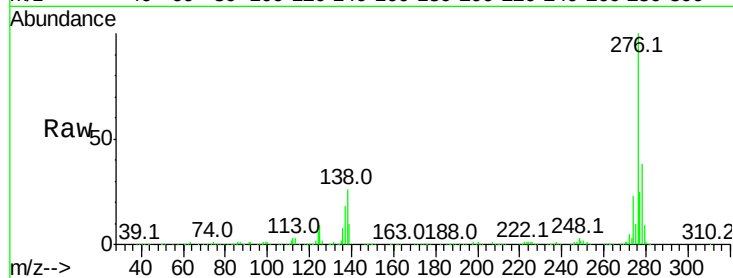
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.80 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.05 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.8	32.6
277	25.1	20.2	30.4

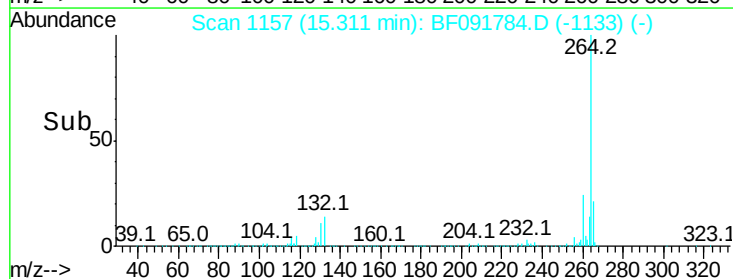
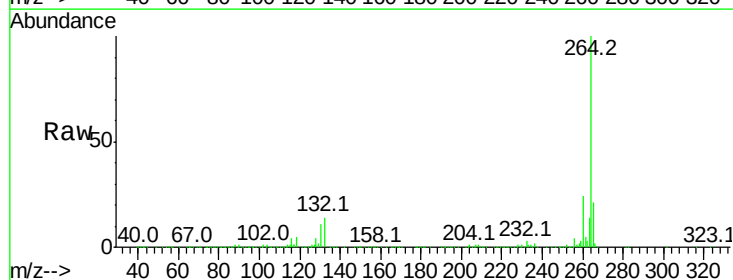
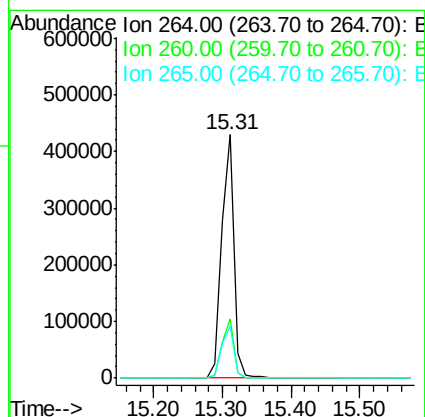
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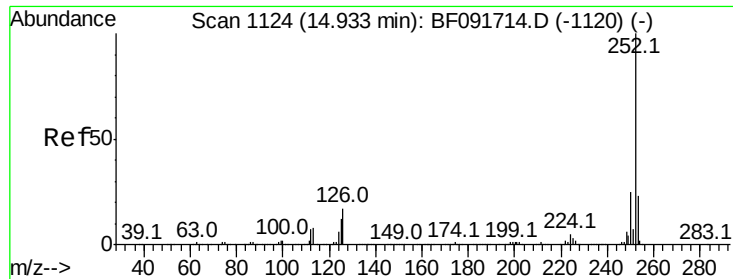
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.0	17.4	26.0





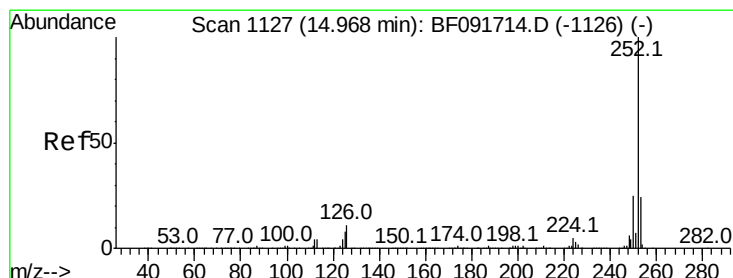
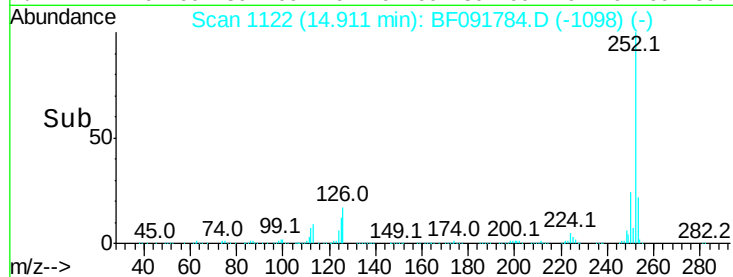
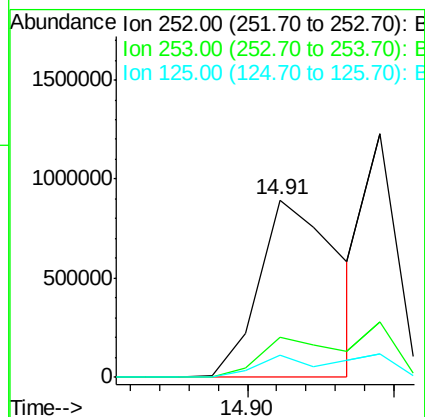
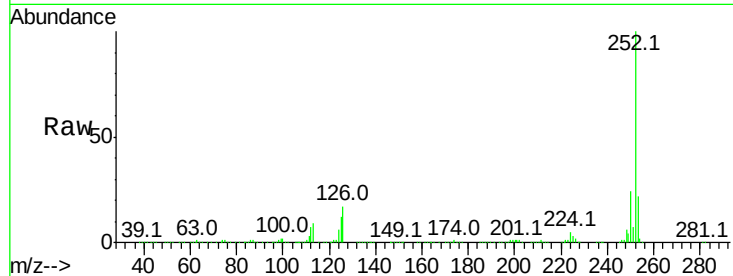
#87
Benzo(b)fluoranthene
Concen: 48.67 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Instrument :
BNA_F
ClientSampleId :
PB95441BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	12.4	9.8	14.6

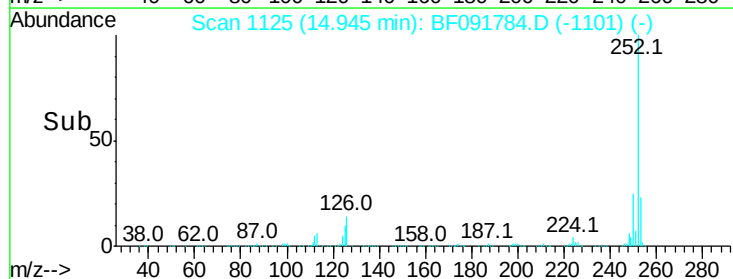
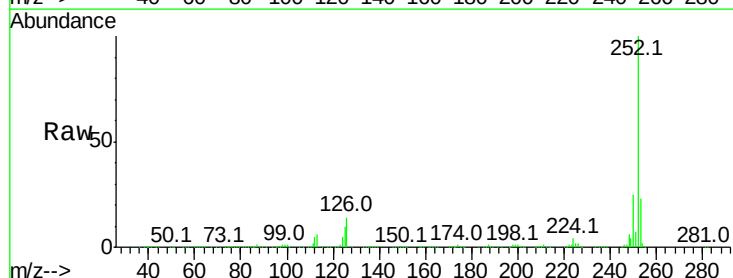
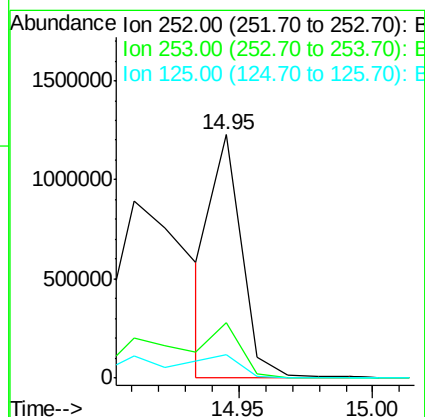
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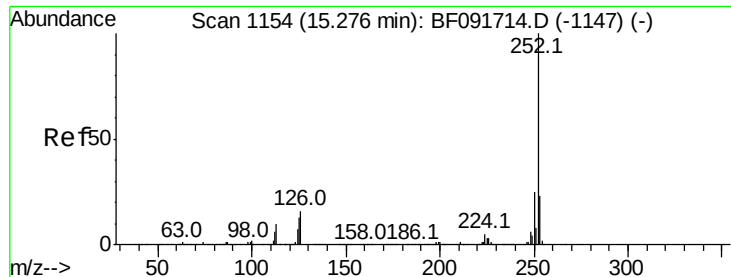
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#88
Benzo(k)fluoranthene
Concen: 38.59 ng m
RT: 14.95 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	9.6	8.9	13.3





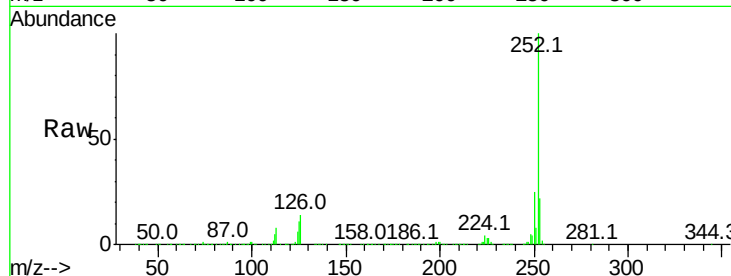
#89
Benzo(a)pyrene
Concen: 41.27 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Instrument :
BNA_F
ClientSampled :
PB95441BS

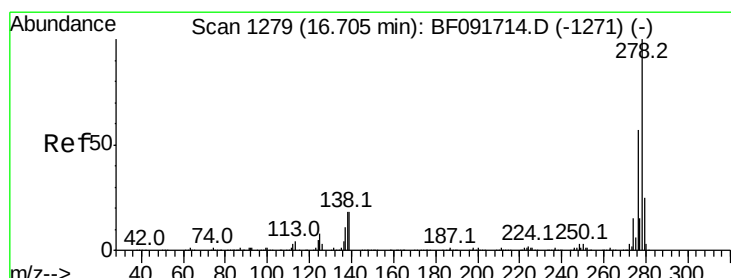
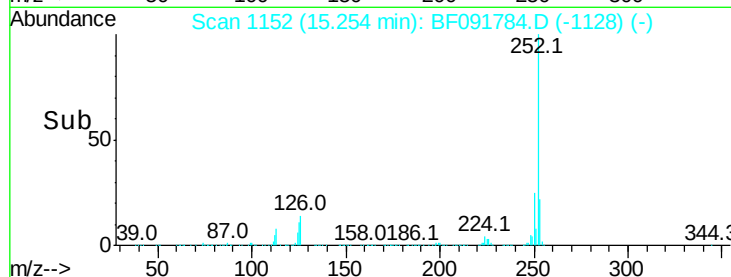
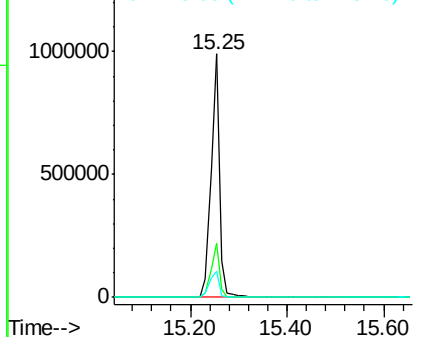
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.9	10.0	15.0

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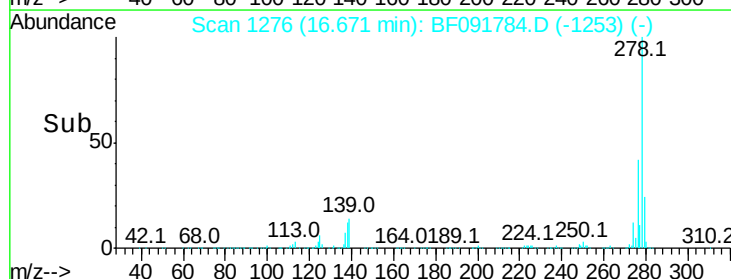
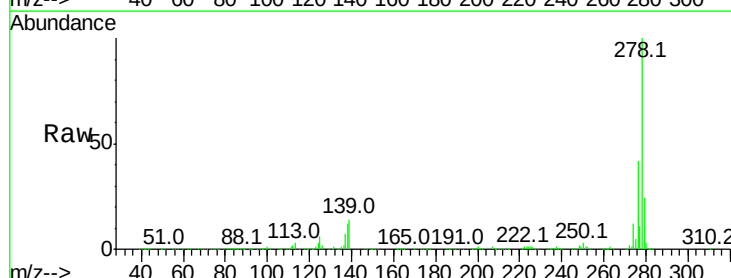
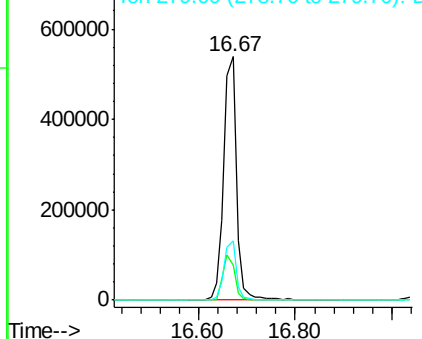
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

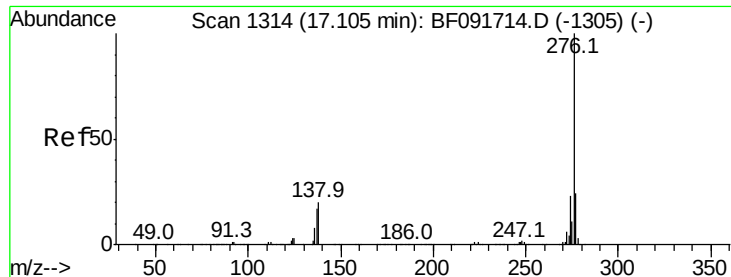


#90
Dibenzo(a,h)anthracene
Concen: 38.88 ng
RT: 16.67 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF091784.D
Acq: 19 Dec 2016 20:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.3	14.8	22.2#
279	24.2	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: 39.23 ng
 RT: 17.06 min Scan# 1310
 Delta R.T. -0.05 min
 Lab File: BF091784.D
 Acq: 19 Dec 2016 20:25

Instrument :
 BNA_F
 ClientSampleId :
 PB95441BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	19.5	16.0	24.0

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