

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
 Data File : BF091722.D
 Acq On : 18 Dec 2016 00:44
 Operator : UM/SJ
 Sample : PB95408BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

Manual Integrations
 APPROVED

umangi
 12/20/2016 11:40:56 AM

Quant Time: Dec 18 03:21:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	303434	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1219949	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	665333	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	1062971	20.00	ng	0.00
75) Chrysene-d12	13.93	240	762789	20.00	ng	0.00
86) Perylene-d12	15.33	264	821744	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	2237296	123.53	ng	0.00
7) Phenol-d6	6.42	99	2736867	123.91	ng	0.00
23) Nitrobenzene-d5	7.34	82	1976856	93.45	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	686434	121.67	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	2916679	88.07	ng	0.00
78) Terphenyl-d14	12.88	244	2789550	92.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	252510	28.31	ng	98
3) Pyridine	3.02	79	912181	31.75	ng	96
4) n-Nitrosodimethylamine	2.99	42	453766	40.80	ng	99
6) Aniline	6.44	93	1020834	35.92	ng	# 50
8) 2-Chlorophenol	6.56	128	803602	40.31	ng	97
9) Benzaldehyde	6.32	77	120572	6.82	ng	96
10) Phenol	6.43	94	895476	35.97	ng	98
11) bis(2-Chloroethyl)ether	6.51	93	818113	41.14	ng	99
12) 1,3-Dichlorobenzene	6.70	146	829160	37.87	ng	# 90
13) 1,4-Dichlorobenzene	6.78	146	819909	37.01	ng	99
14) 1,2-Dichlorobenzene	6.94	146	827299	42.63	ng	98
15) Benzyl Alcohol	6.92	79	724704	42.38	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1228266	40.42	ng	99
17) 2-Methylphenol	7.04	107	723453	43.42	ng	99
18) Hexachloroethane	7.29	117	336632	40.90	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	595120	40.50	ng	98
20) 3+4-Methylphenols	7.20	107	859696	46.26	ng	# 91
22) Acetophenone	7.18	105	1200459	40.75	ng	100
24) Nitrobenzene	7.36	77	857554	37.75	ng	99
25) Isophorone	7.61	82	1872050	46.38	ng	100
26) 2-Nitrophenol	7.68	139	506298	46.20	ng	95
27) 2,4-Dimethylphenol	7.72	122	833591	46.63	ng	99
28) bis(2-Chloroethoxy)methane	7.81	93	1078957	45.69	ng	100
29) 2,4-Dichlorophenol	7.92	162	732840	44.45	ng	88
30) 1,2,4-Trichlorobenzene	8.00	180	744911	41.69	ng	# 94
31) Naphthalene	8.08	128	2302880	39.51	ng	100
32) Benzoic acid	7.87	122	616460	48.39	ng	97
33) 4-Chloroaniline	8.13	127	728826	29.69	ng	96
34) Hexachlorobutadiene	8.20	225	415705	41.38	ng	99
35) Caprolactam	8.52	113	293885m	55.39	ng	
36) 4-Chloro-3-methylphenol	8.62	107	800347	44.00	ng	99
37) 2-Methylnaphthalene	8.77	142	1705898	46.43	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	700793	42.26	ng	99
40) Hexachlorocyclopentadiene	8.93	237	780365	111.02	ng	98

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Quant Time: Dec 18 03:21:45 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
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.06	196	550565	46.46	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	564519	48.49	nq	# 90
45) 1,1'-Biphenyl	9.24	154	2142995	44.94	nq	99
46) 2-Chloronaphthalene	9.26	162	1596910	44.81	nq	99
47) 2-Nitroaniline	9.36	65	501238	41.19	nq	98
48) Acenaphthylene	9.68	152	2414079	43.72	nq	100
49) Dimethylphthalate	9.55	163	2055498	47.30	nq	99
50) 2,6-Dinitrotoluene	9.61	165	475592	49.91	nq	97
51) Acenaphthene	9.85	154	1650680	43.56	nq	100
52) 3-Nitroaniline	9.77	138	329500	27.77	nq	98
53) 2,4-Dinitrophenol	9.88	184	513638	99.78	nq	# 68
54) Dibenzofuran	10.02	168	2076872	46.09	nq	99
55) 4-Nitrophenol	9.95	139	708350	85.98	nq	98
56) 2,4-Dinitrotoluene	10.01	165	526659	44.25	nq	90
57) Fluorene	10.36	166	1649605	47.13	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	433445	45.04	nq	99
59) Diethylphthalate	10.25	149	1972151	46.16	nq	96
60) 4-Chlorophenyl-phenylether	10.35	204	687062	43.09	nq	99
61) 4-Nitroaniline	10.38	138	484405	43.10	nq	99
62) Azobenzene	10.51	77	2064067	45.41	nq	99
64) 4,6-Dinitro-2-methylphenol	10.42	198	362575	51.72	nq	81
65) n-Nitrosodiphenylamine	10.48	169	1474862	44.68	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	496789	44.57	nq	99
67) Hexachlorobenzene	10.91	284	558636	47.83	nq	98
68) Atrazine	11.01	200	534283	53.56	nq	93
69) Pentachlorophenol	11.10	266	575466	91.30	nq	98
70) Phenanthrene	11.32	178	2700092	50.84	nq	99
71) Anthracene	11.37	178	2362950	42.00	nq	100
72) Carbazole	11.53	167	2395613	48.70	nq	100
73) Di-n-butylphthalate	11.86	149	2746218	43.54	nq	100
74) Fluoranthene	12.50	202	2418570	43.60	nq	100
76) Benzidine	12.62	184	988233	45.01	nq	98
77) Pyrene	12.73	202	2397229	43.52	nq	99
79) Butylbenzylphthalate	13.36	149	1270418	49.27	nq	98
80) Benzo(a)anthracene	13.92	228	2044536	46.86	nq	100
81) 3,3'-Dichlorobenzidine	13.88	252	646351	37.02	nq	98
82) Chrysene	13.96	228	2072043	45.82	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1418223	43.36	nq	99
84) Di-n-octyl phthalate	14.53	149	3003286	49.83	nq	99
85) Indeno(1,2,3-cd)pyrene	16.68	276	2151824	48.39	nq	100
87) Benzo(b)fluoranthene	14.93	252	2770865m	53.18	nq	
88) Benzo(k)fluoranthene	14.97	252	1386453m	37.92	nq	
89) Benzo(a)pyrene	15.28	252	1973041	44.12	nq	99
90) Dibenzo(a,h)anthracene	16.71	278	1721319	44.16	nq	100
91) Benzo(g,h,i)perylene	17.09	276	1793660	45.27	nq	# 96

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

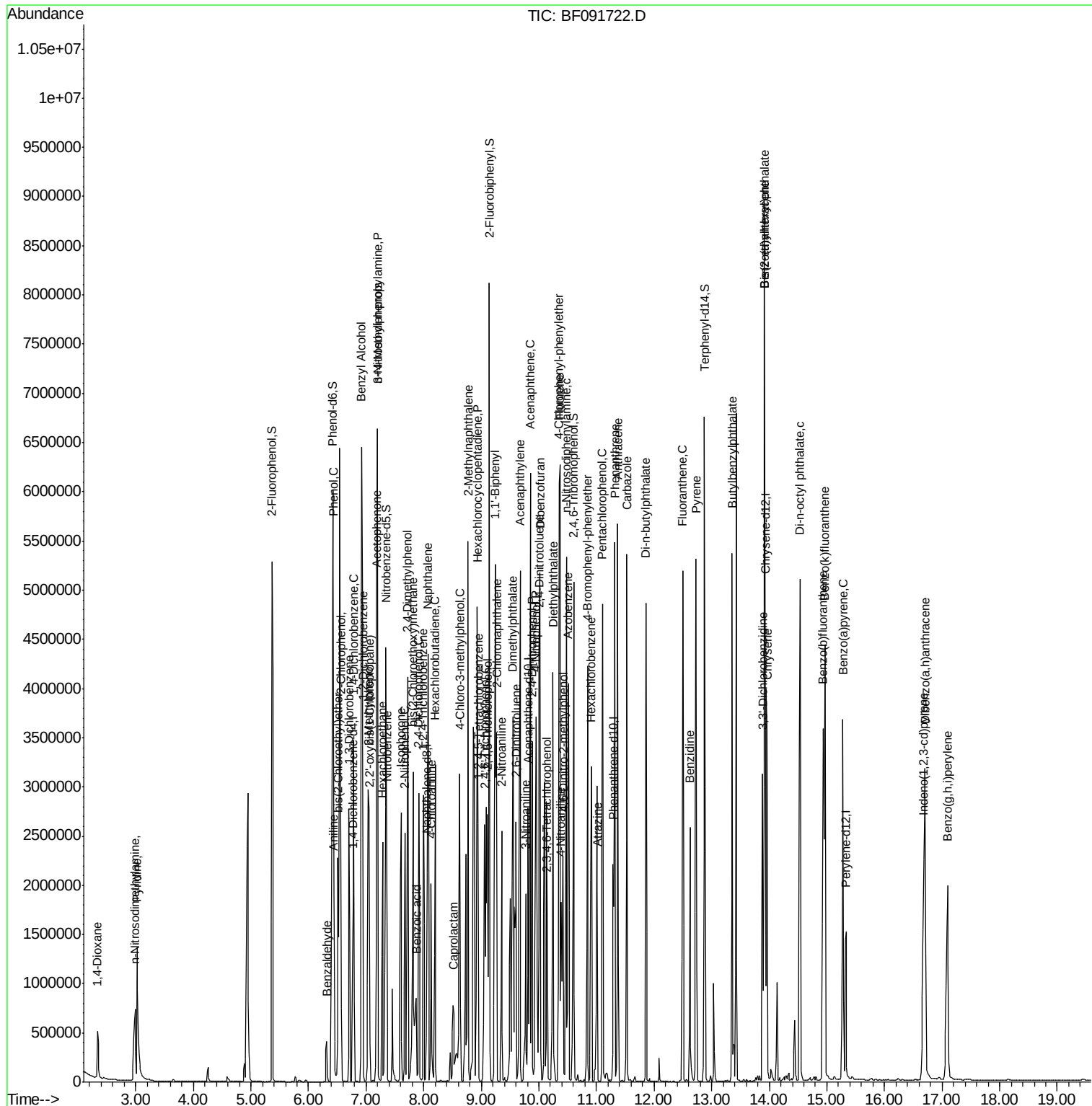
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\  
Data File : BF091722.D  
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Operator  : UM/SJ  
Sample    : PB95408BS  
Misc      :  
ALS Vial  : 13      Sample Multiplier: 1
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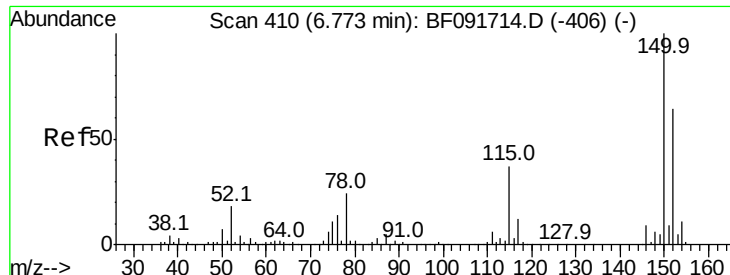
Instrument :
BNA_F
ClientSampleId :
PB95408BS

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#1

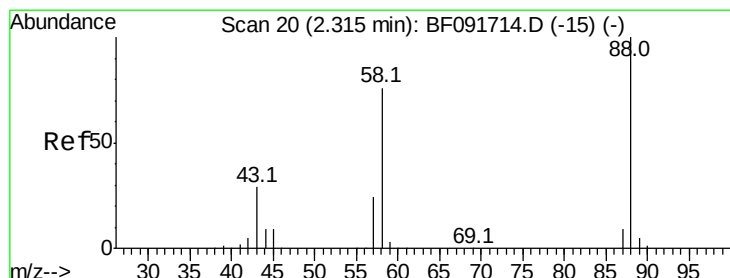
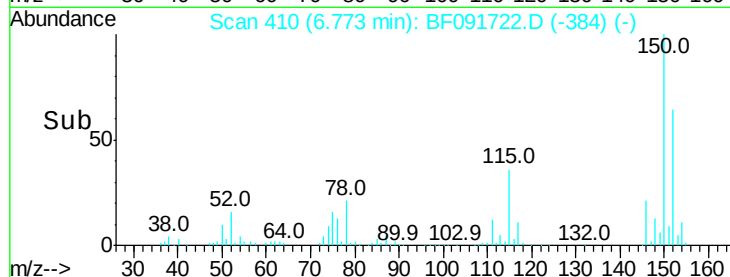
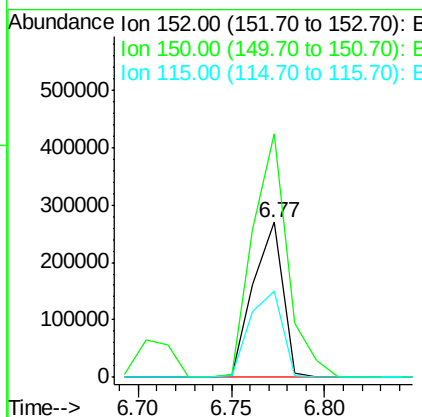
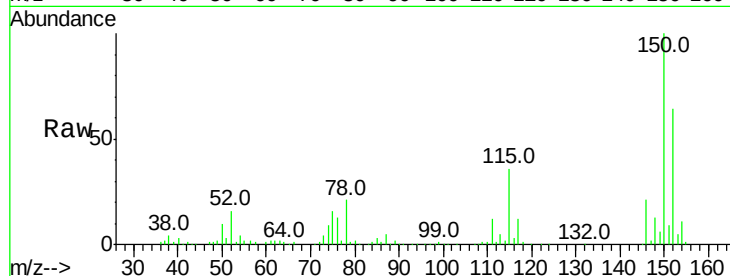
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Instrument :
BNA_F
ClientSampled :
PB95408BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.9	187.3
115	55.9	46.0	69.0

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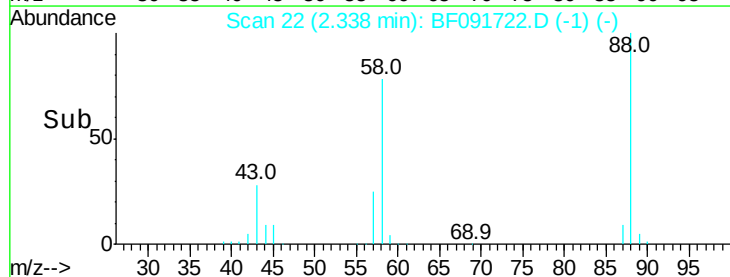
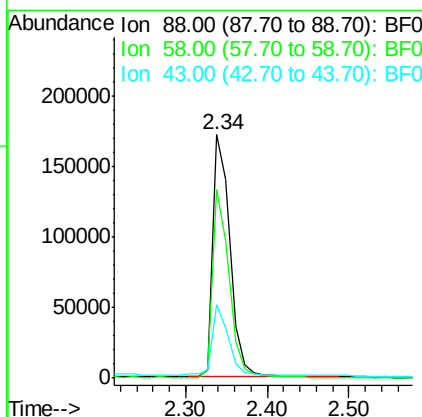
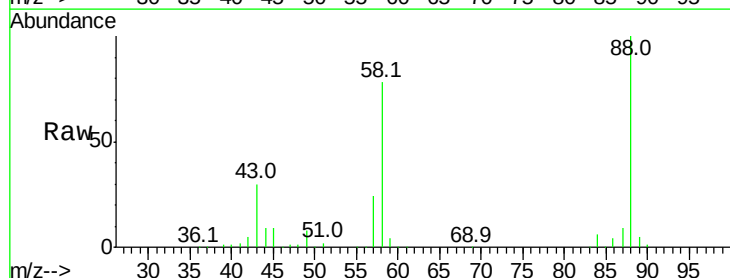
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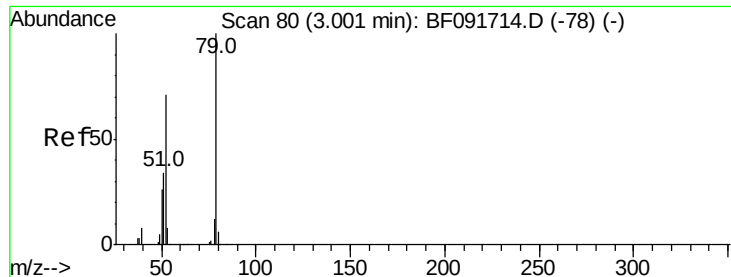


#2

1,4-Dioxane
Concen: 28.31 ng
RT: 2.34 min Scan# 22
Delta R.T. 0.02 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.7	57.8	86.8
43	29.0	22.3	33.5





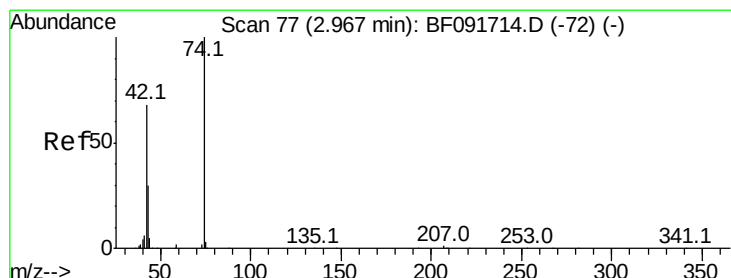
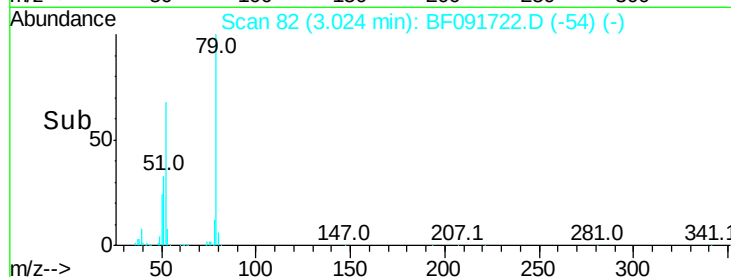
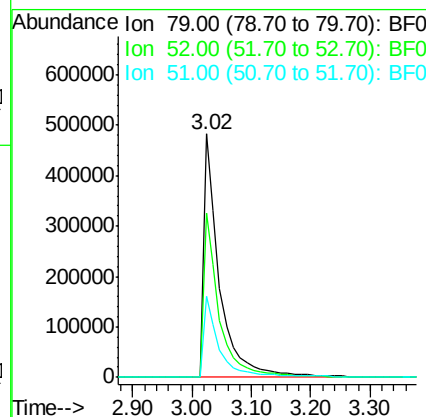
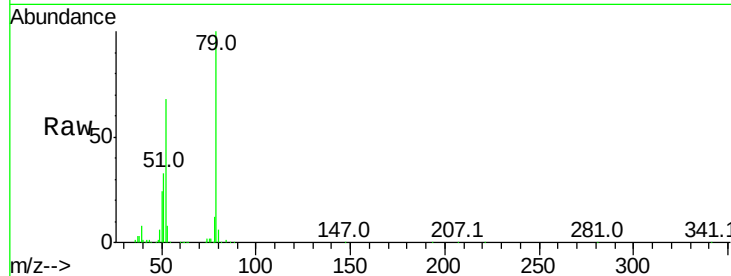
#3
 Pvridine
 Concen: 31.75 ng
 RT: 3.02 min Scan# 82
 Delta R.T. 0.02 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.7	57.1	85.7
51	33.0	27.3	40.9

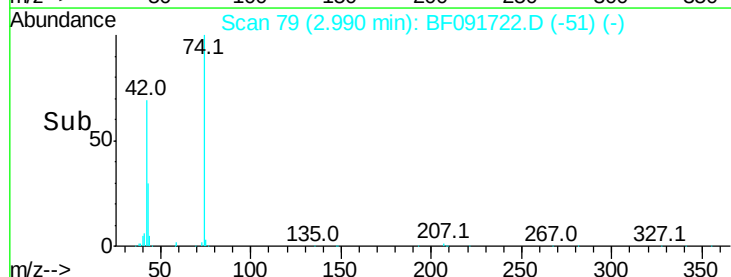
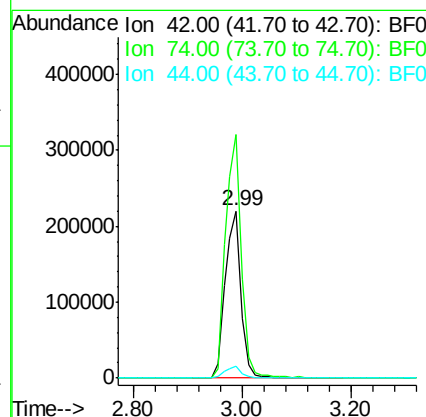
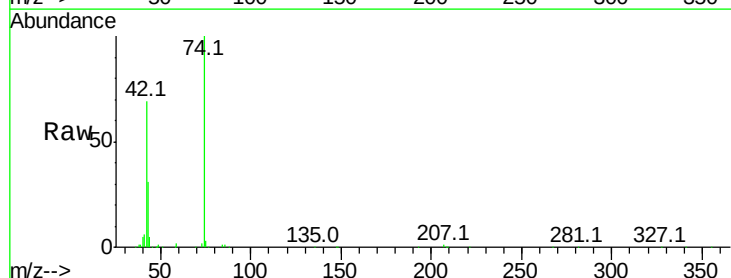
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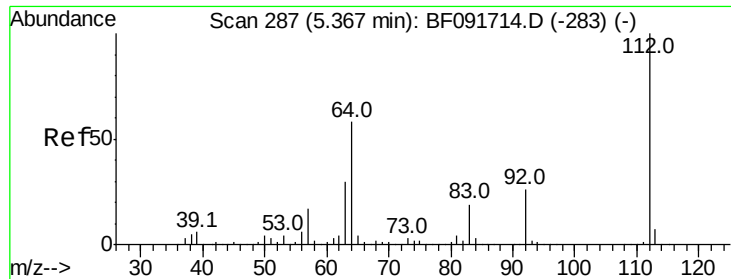
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#4
 n-Nitrosodimethylamine
 Concen: 40.80 ng
 RT: 2.99 min Scan# 79
 Delta R.T. 0.02 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.4	117.0	175.4
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 123.53 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

Tot Ion:112 Resp: 2237296

Ion Ratio Lower Upper

112 100

64 65.9 46.1 69.1

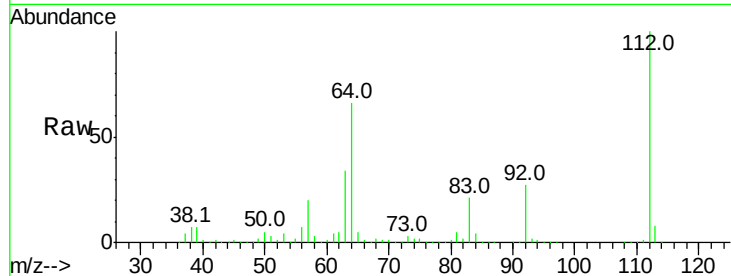
63 33.9 23.8 35.6

Manual Integrations

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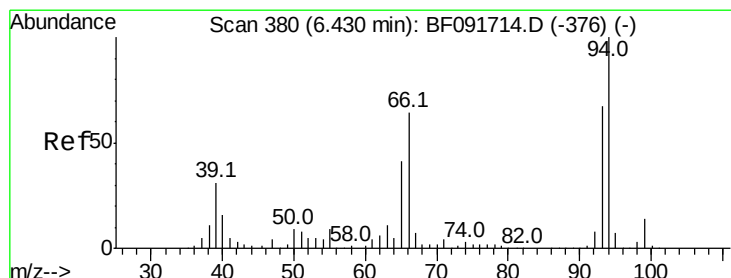
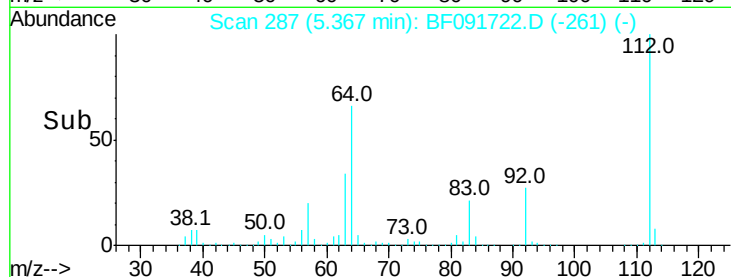
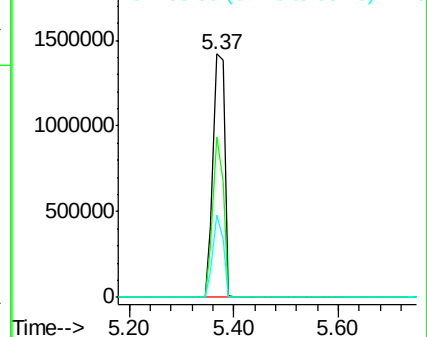
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 35.92 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.01 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

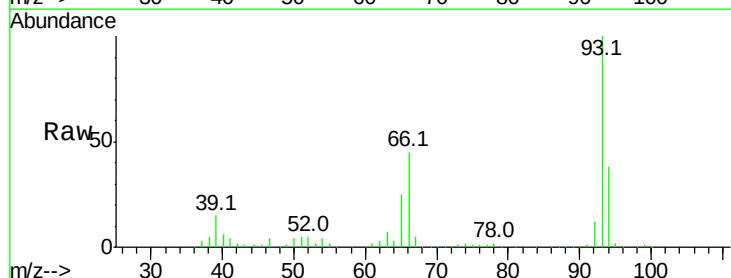
Tgt Ion: 93 Resp: 1020834

Ion Ratio Lower Upper

93 100

66 45.0 76.2 114.2#

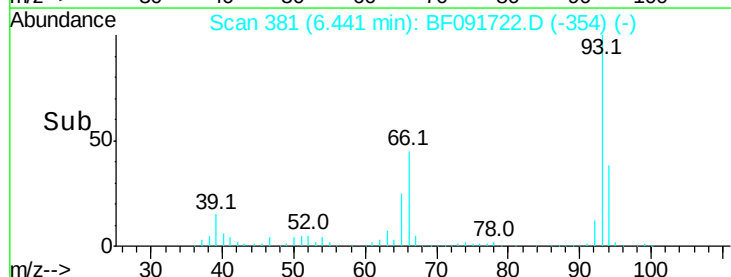
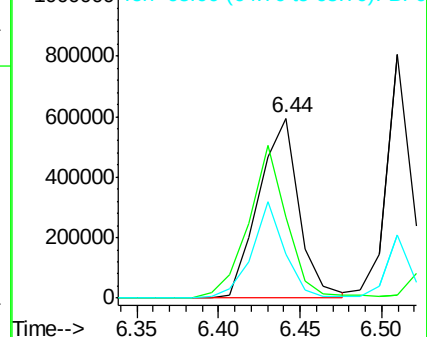
65 24.7 49.3 73.9#

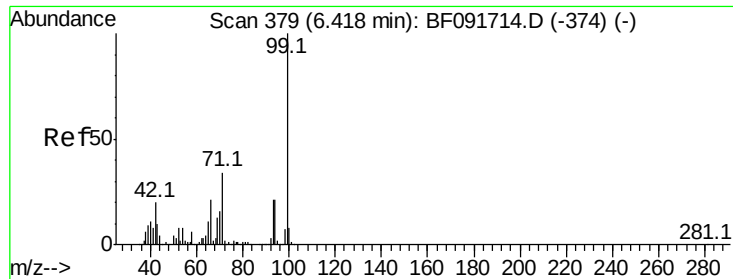


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.91 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

Tot Ion: 99 Resp: 2736867

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

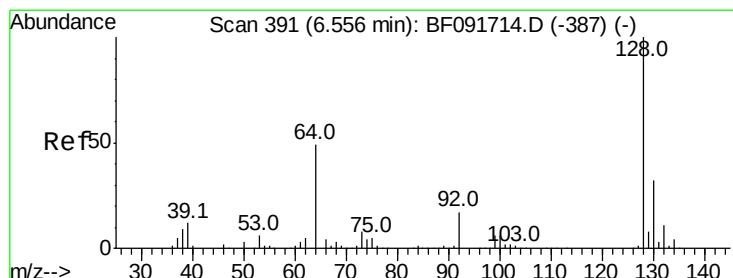
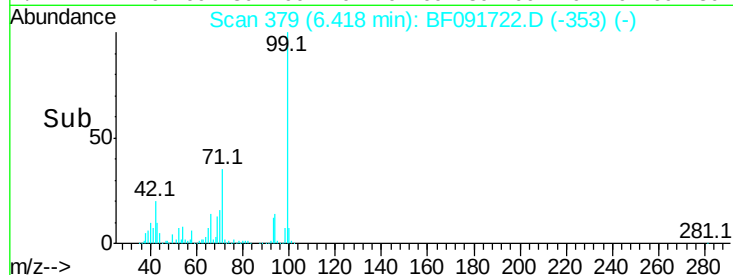
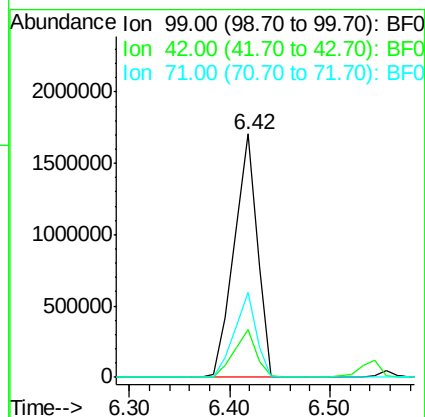
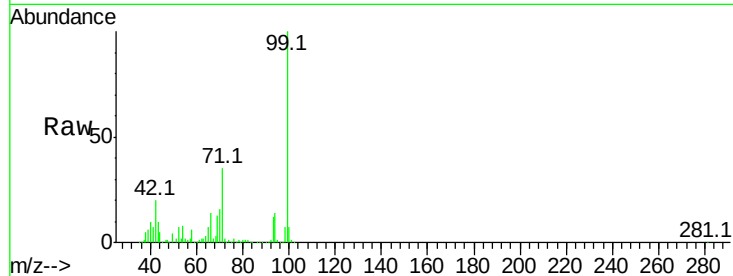
71 34.9 27.5 41.3

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#8

2-Chlorophenol

Concen: 40.31 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

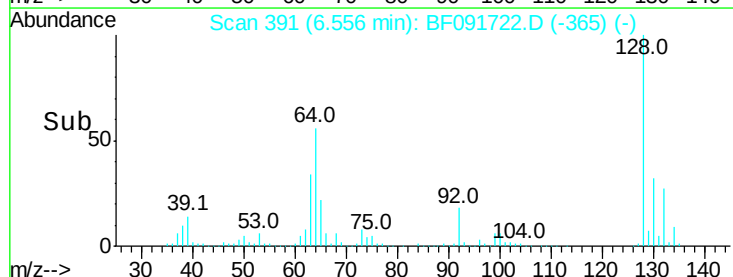
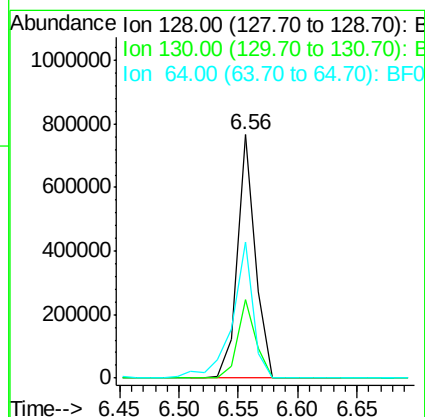
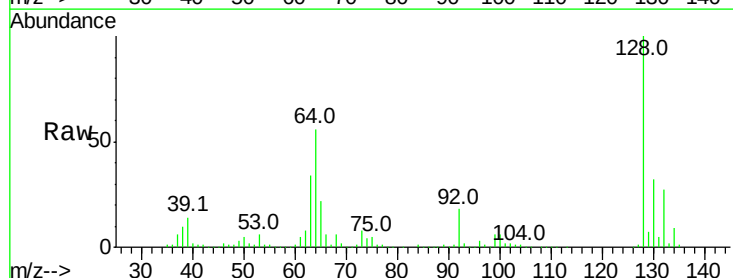
Tgt Ion: 128 Resp: 803602

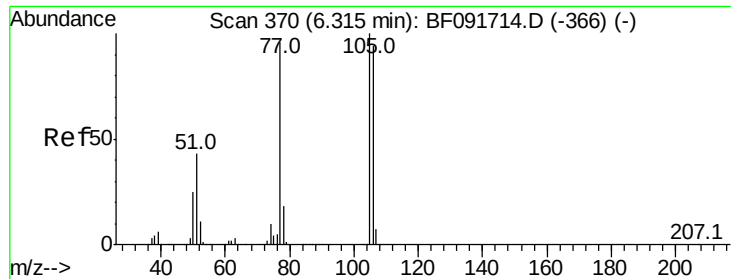
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 55.9 32.2 72.2





#9

Benzaldehyde

Concen: 6.82 ng

RT: 6.32 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

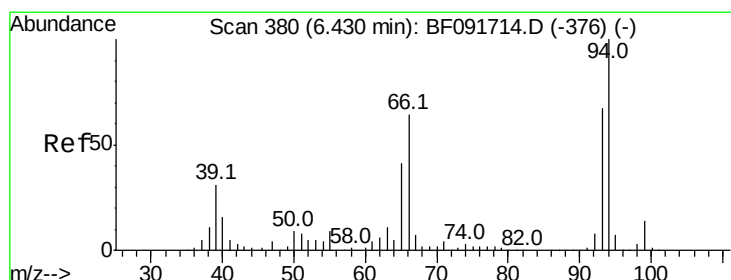
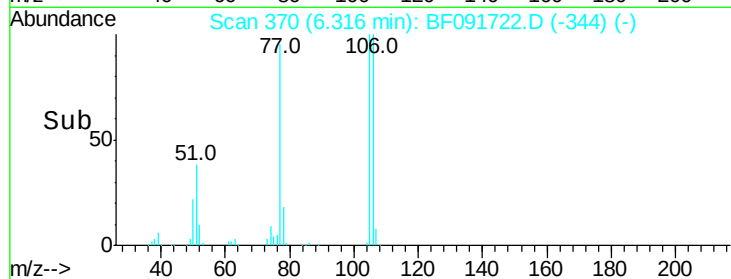
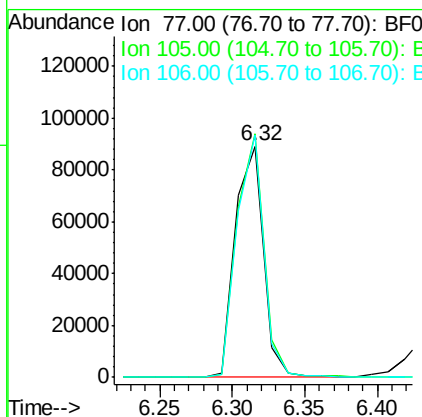
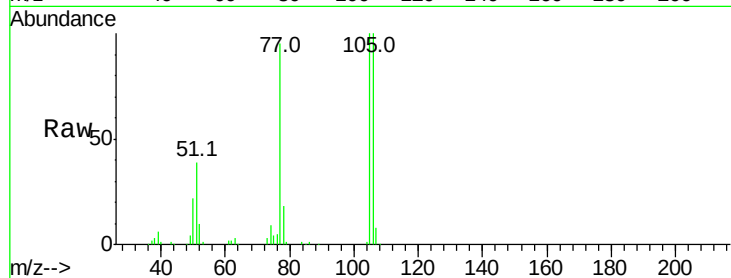
ClientSampleId :

PB95408BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.4	83.9	123.9
106	105.1	77.6	117.6

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#10

Phenol

Concen: 35.97 ng

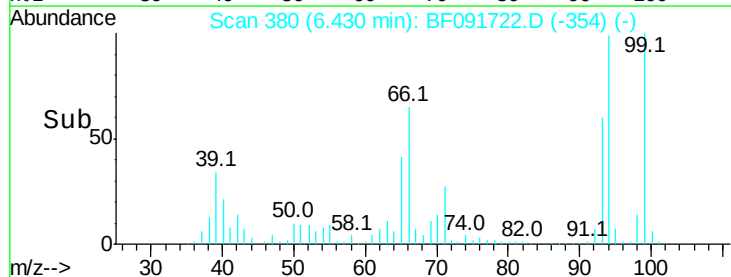
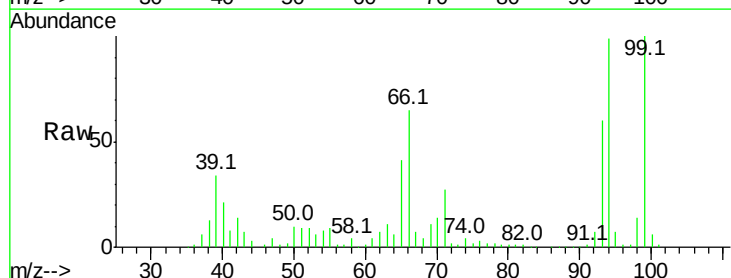
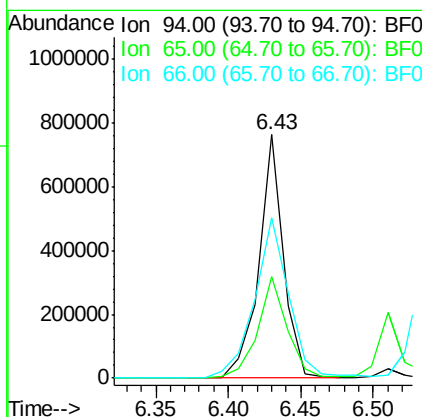
RT: 6.43 min Scan# 380

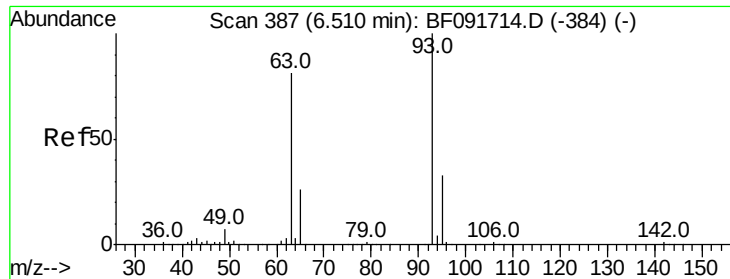
Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.9	21.4	61.4
66	66.0	44.0	84.0





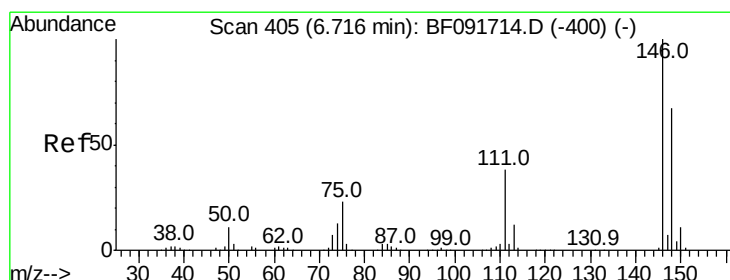
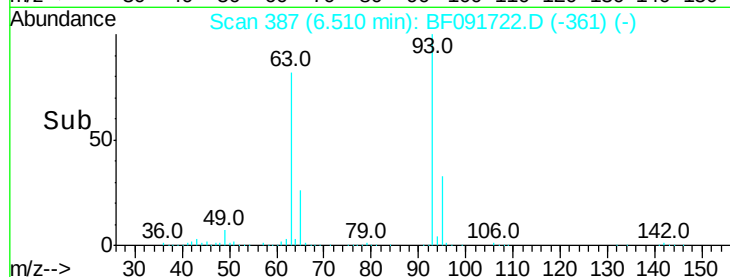
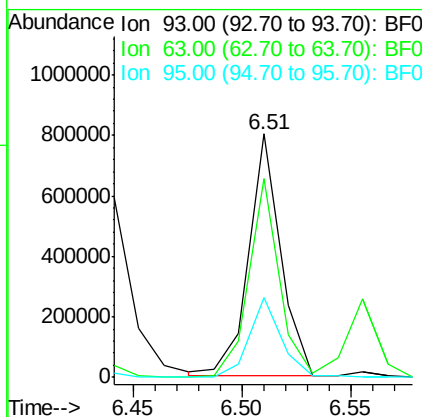
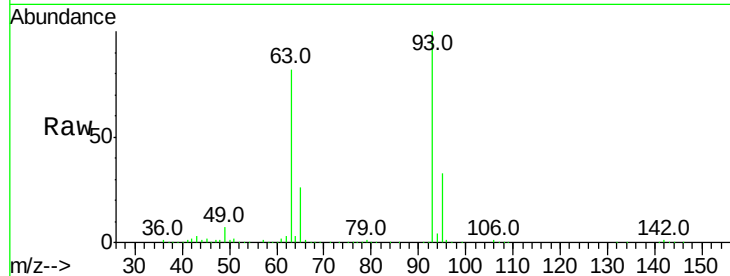
#11
bis(2-Chloroethyl)ether
Concen: 41.14 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Instrument :
BNA_F
ClientSampleId :
PB95408BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.7	60.4	100.4
95	32.8	12.8	52.8

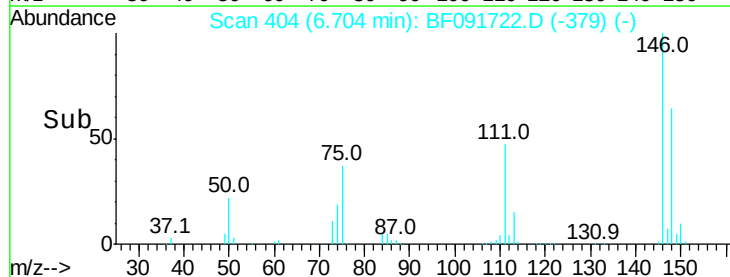
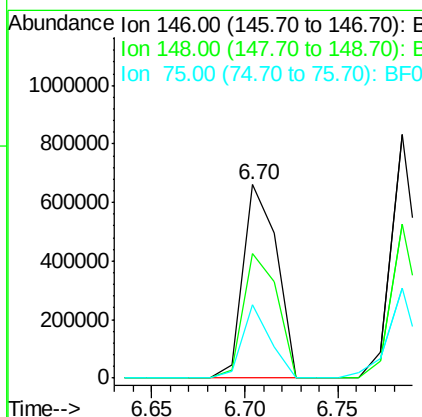
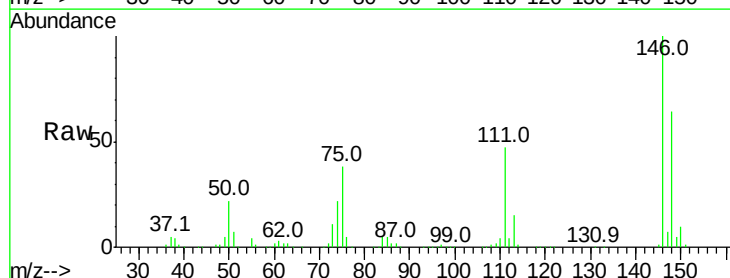
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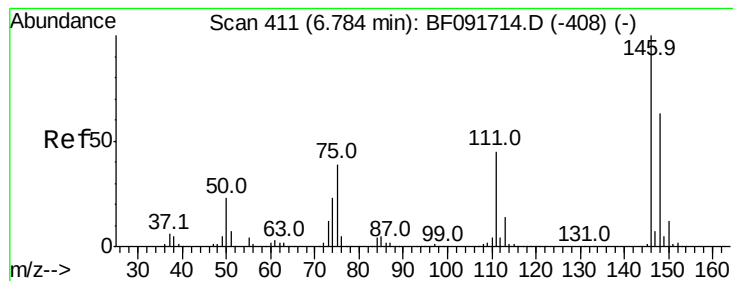
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#12
1,3-Dichlorobenzene
Concen: 37.87 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	53.4	80.0
75	38.0	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 37.01 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

Tot Ion:146 Resp: 819909

Ion Ratio Lower Upper

146 100

148 63.1 50.6 76.0

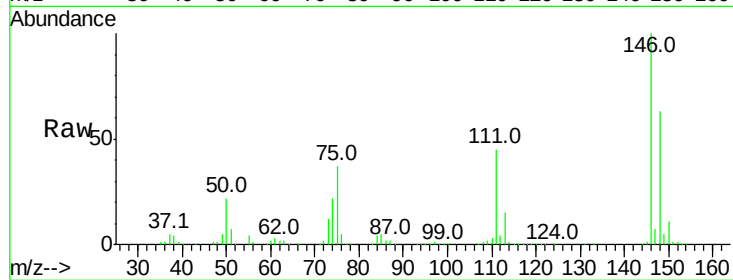
111 44.6 36.2 54.4

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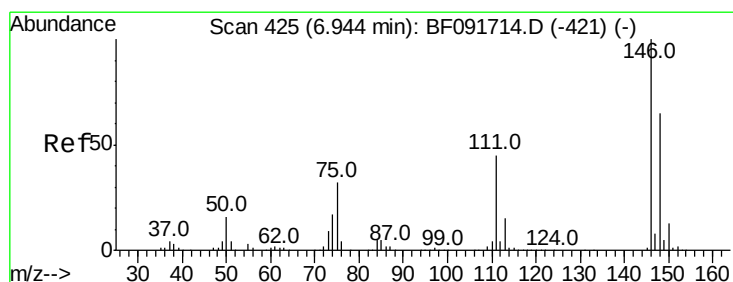
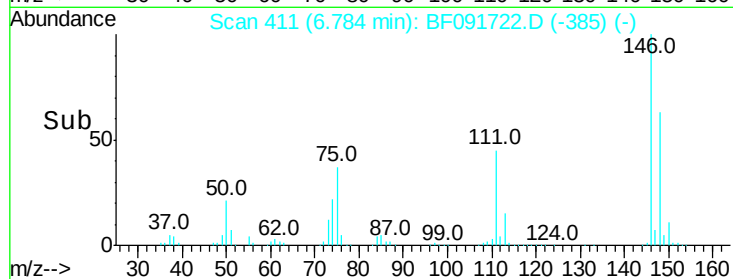
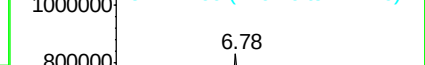
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.63 ng

RT: 6.94 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

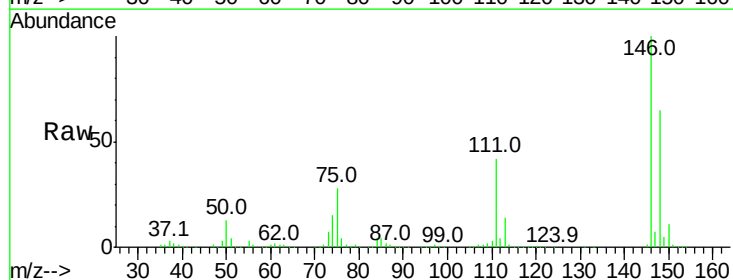
Tgt Ion:146 Resp: 827299

Ion Ratio Lower Upper

146 100

148 65.5 52.2 78.2

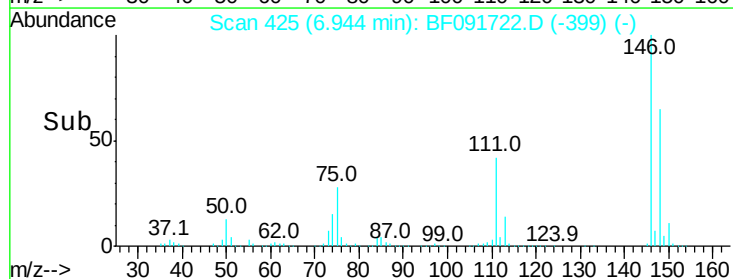
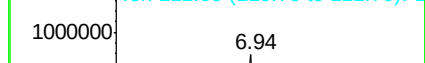
111 41.7 36.2 54.2

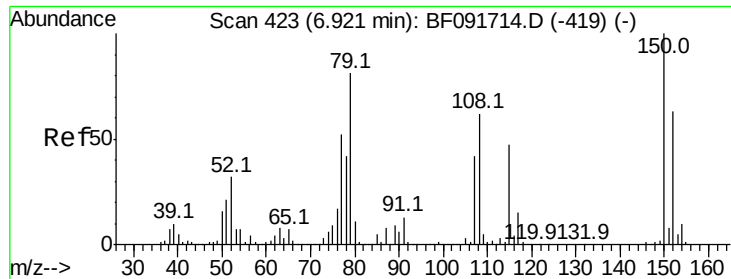


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.38 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

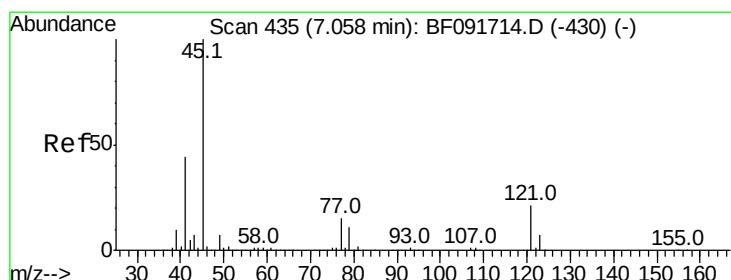
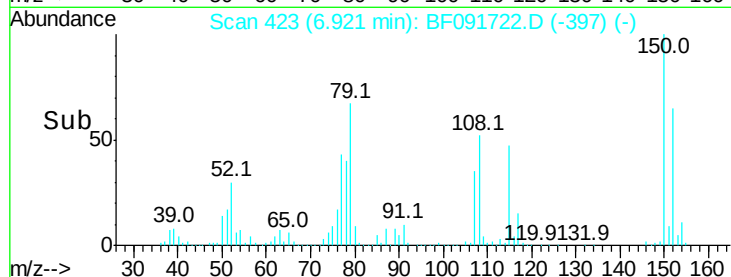
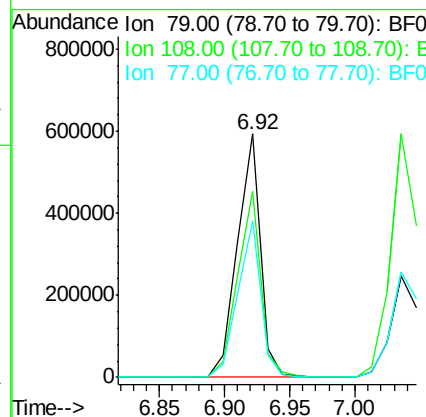
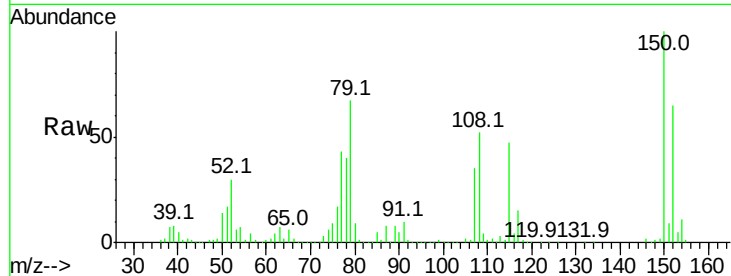
ClientSampleId :

PB95408BS

Tot Ion:	79	Resp:	724704
Ion Ratio	Lower	Upper	
79	100		
108	76.6	61.4	92.0
77	64.1	50.9	76.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.42 ng

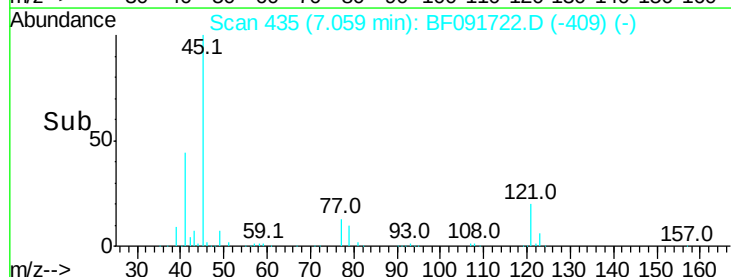
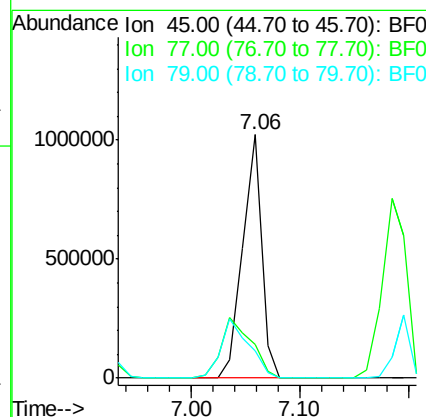
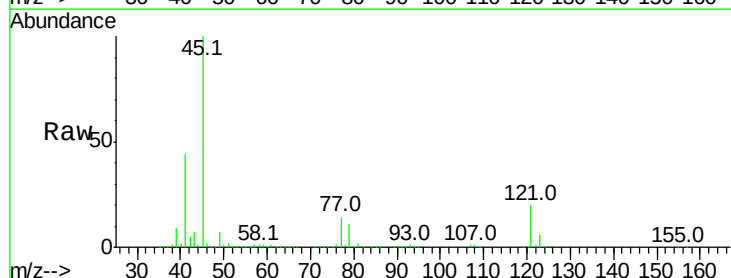
RT: 7.06 min Scan# 435

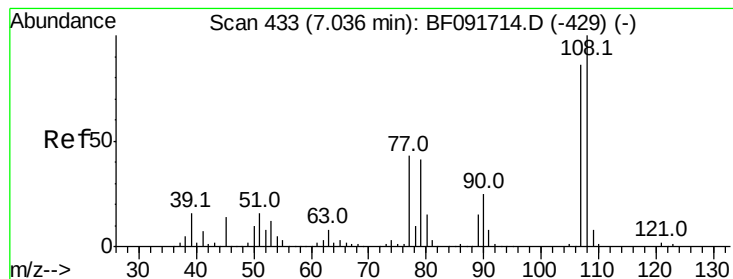
Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Tgt Ion:	45	Resp:	1228266
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	34.6
79	11.0	0.0	31.2





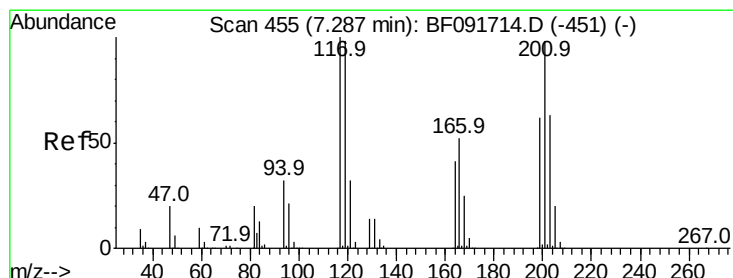
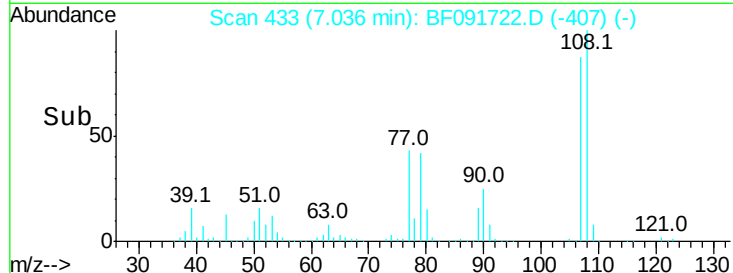
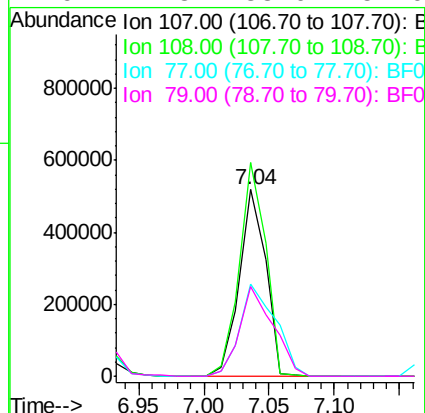
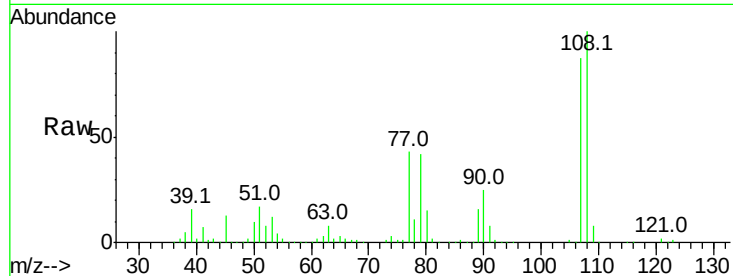
#17
2-Methylphenol
Concen: 43.42 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Instrument :
BNA_F
ClientSampleId :
PB95408BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.4	93.0	139.6	
77	49.5	39.8	59.8	
79	47.8	38.0	57.0	

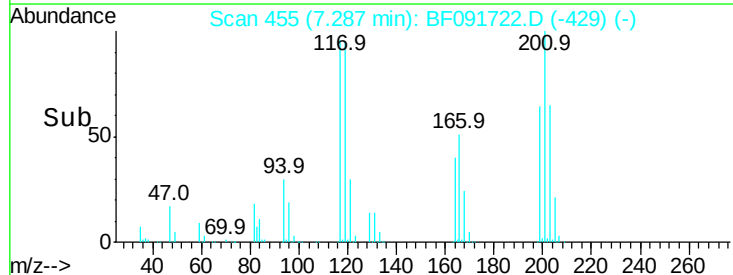
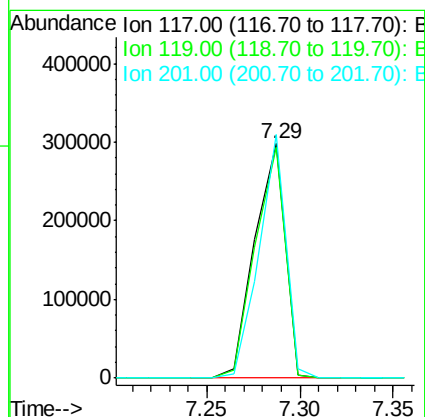
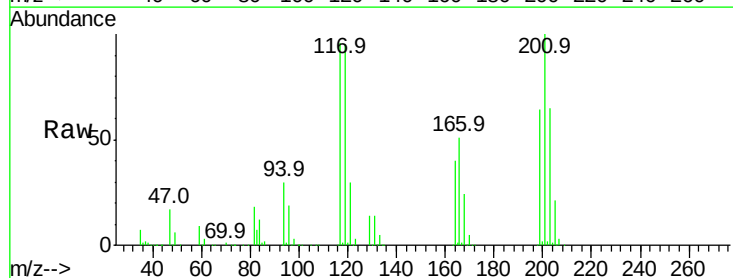
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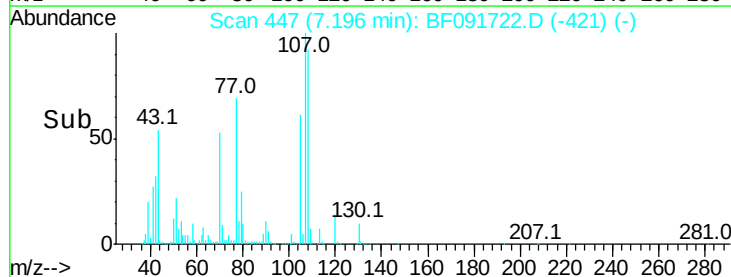
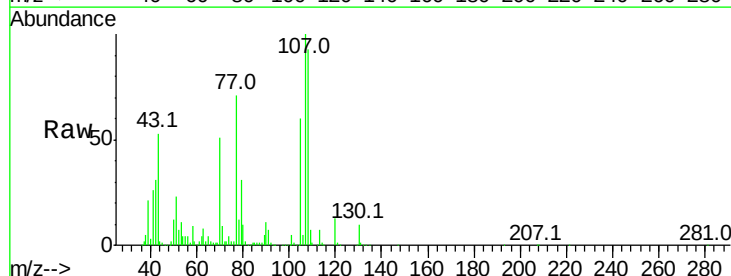
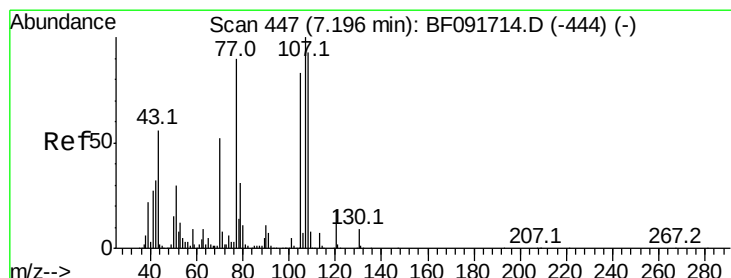
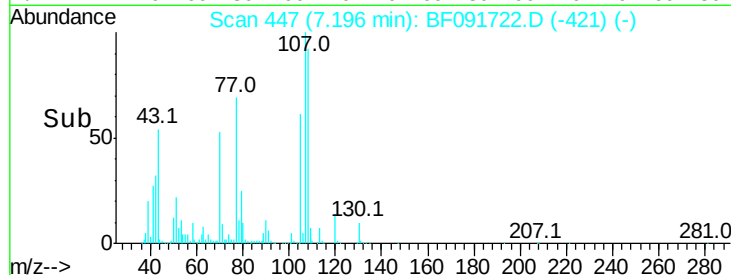
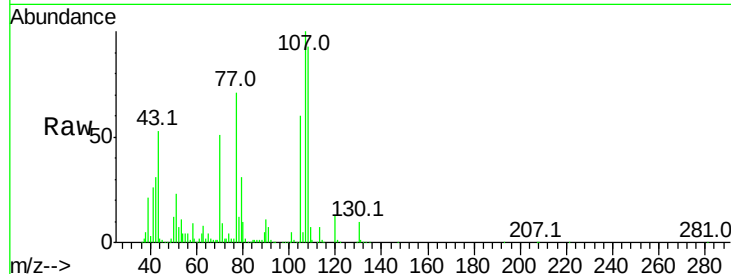
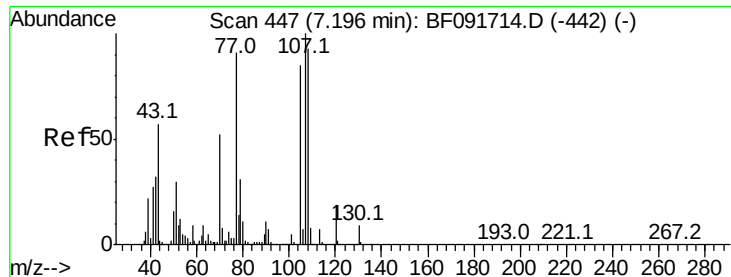
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#18
Hexachloroethane
Concen: 40.90 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	78.1	117.1	
201	104.0	78.6	117.8	





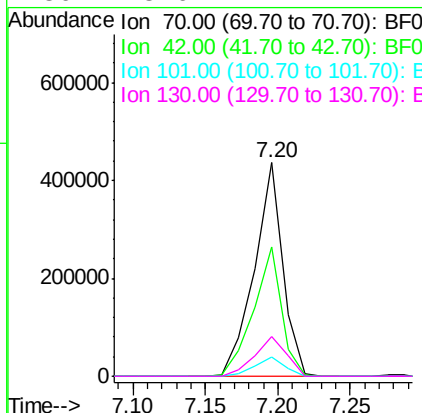
#19
n-Nitroso-di-n-propylamine
Concen: 40.50 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		595120		
42	60.6	49.4	74.0		
101	8.9	7.4	11.2		
130	18.6	14.2	21.4		

Instrument :
BNA_F
ClientSampleId :
PB95408BS

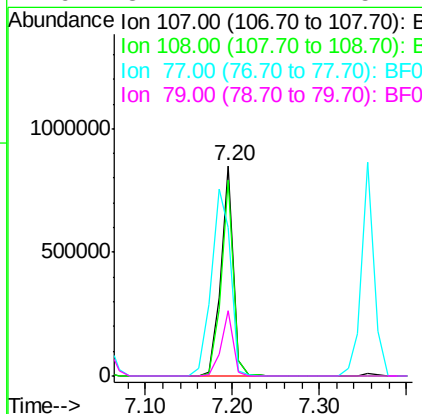
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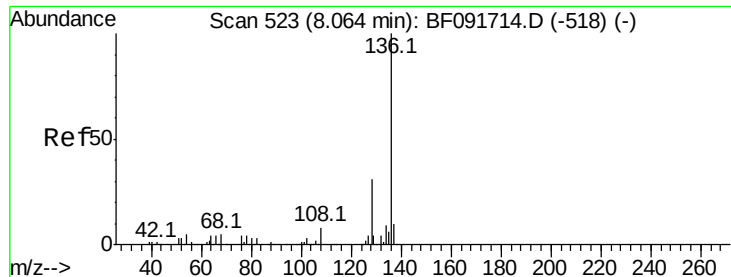
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#20
3+4-Methylphenols
Concen: 46.26 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		859696		
108	93.3	73.0	113.0		
77	70.8	71.3	111.3#		
79	31.1	11.1	51.1		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampled :

PB95408BS

Tot Ion:136 Resp: 1219949

Ion Ratio Lower Upper

136 100

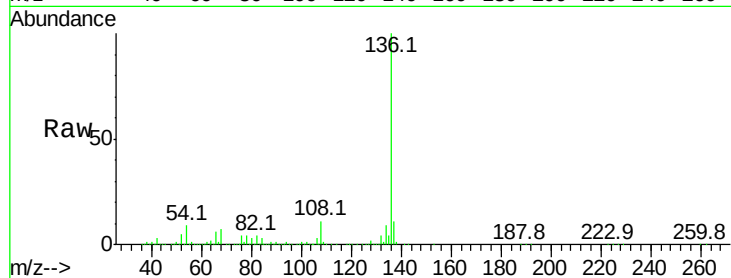
137 11.4 8.4 12.6

54 9.3 4.5 6.7#

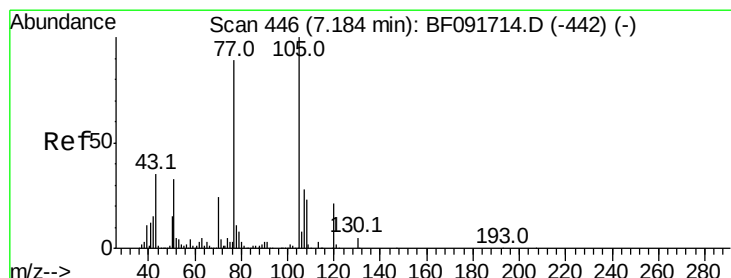
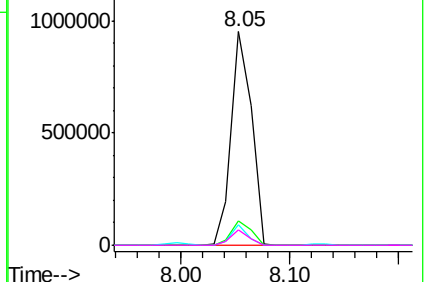
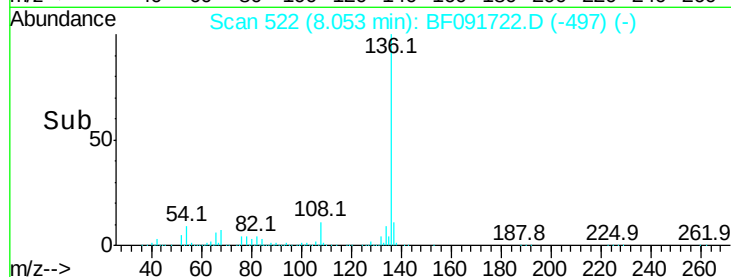
68 7.2 3.6 5.4#

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Abundance Ion 136.00 (135.70 to 136.70): E
1500000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.75 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Tgt Ion:105 Resp: 1200459

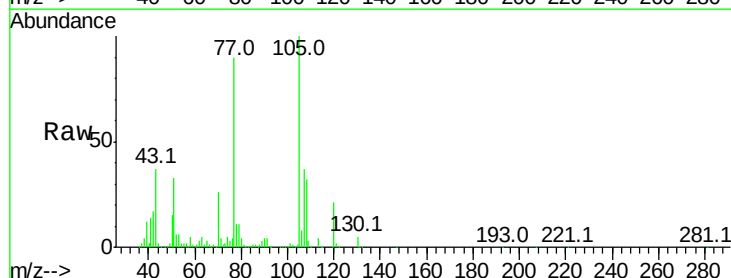
Ion Ratio Lower Upper

105 100

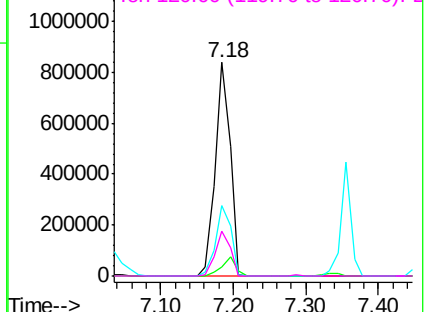
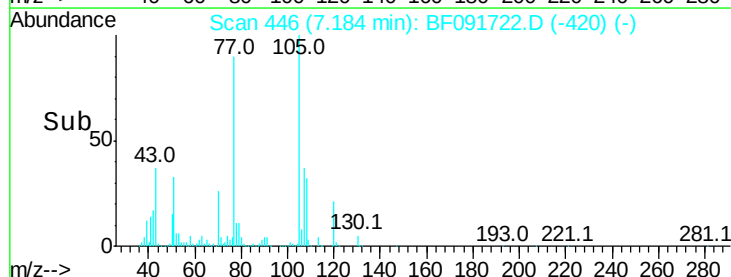
71 4.5 3.2 4.8

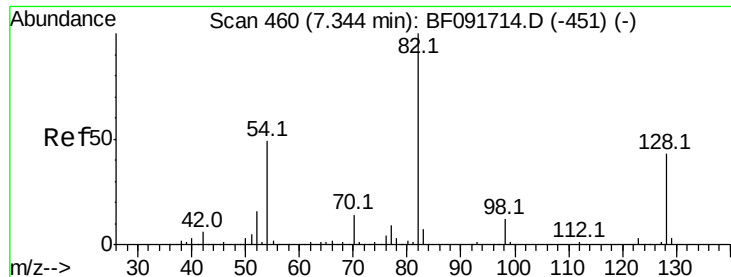
51 32.9 26.2 39.4

120 20.8 16.6 24.8



Abundance Ion 105.00 (104.70 to 105.70): E
1200000
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





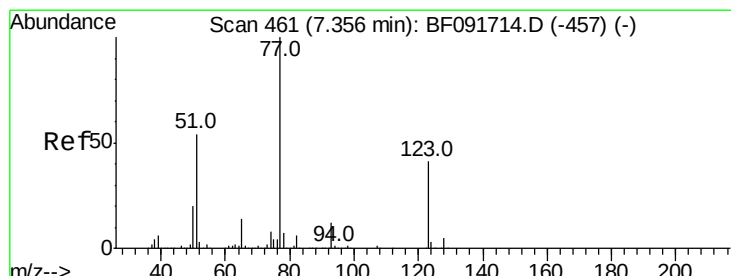
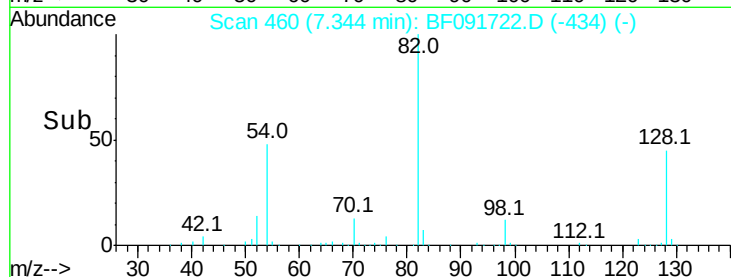
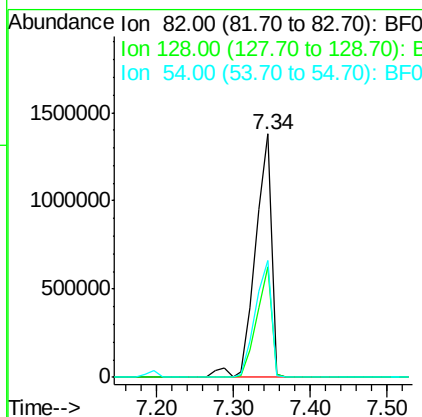
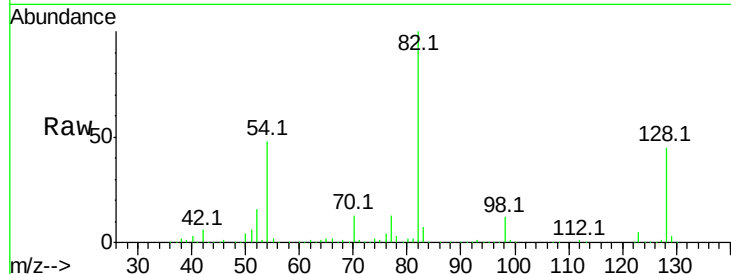
#23
 Nitrobenzene-d5
 Concen: 93.45 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.6	52.0
54	48.2	39.5	59.3

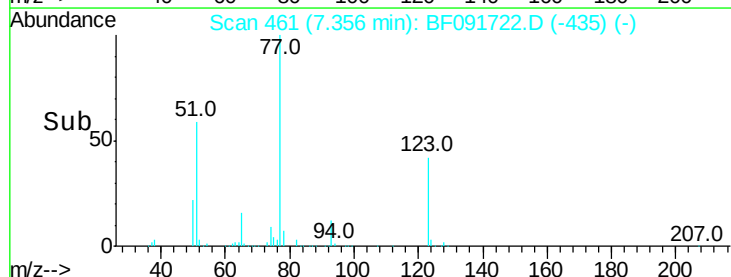
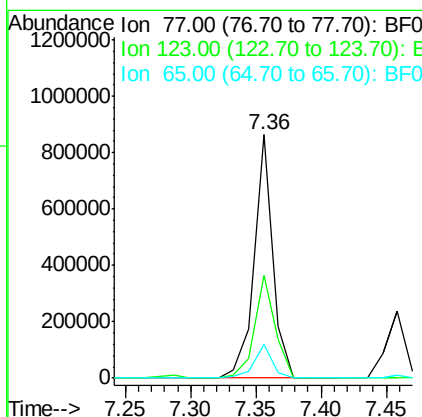
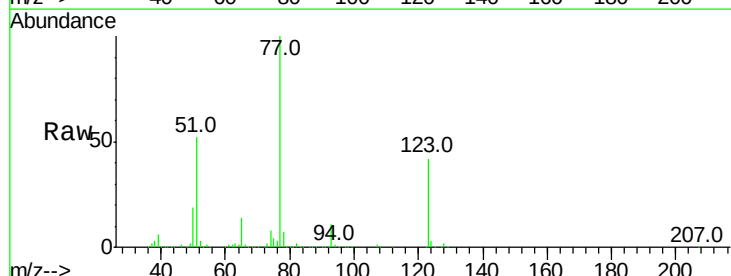
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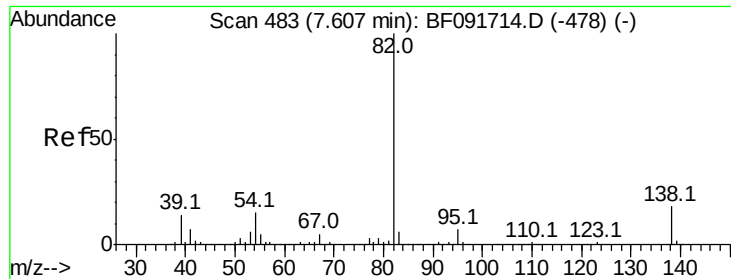
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#24
 Nitrobenzene
 Concen: 37.75 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.2	33.0	49.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 46.38 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

Tot Ion: 82 Resp: 1872050

Ion Ratio Lower Upper

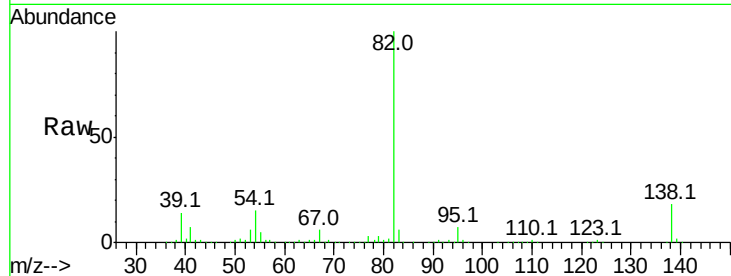
82 100

95 6.8 5.6 8.4

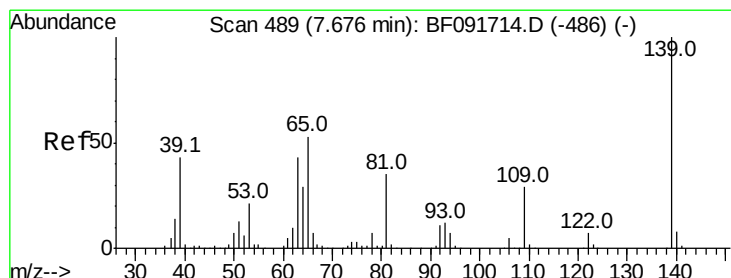
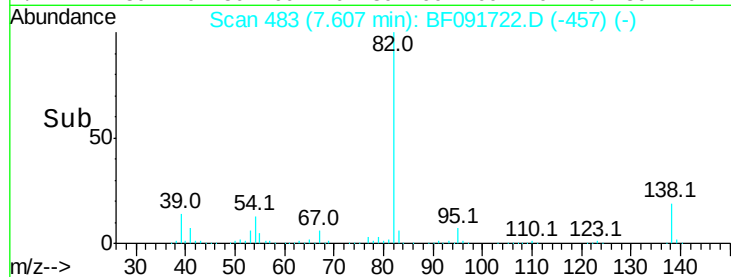
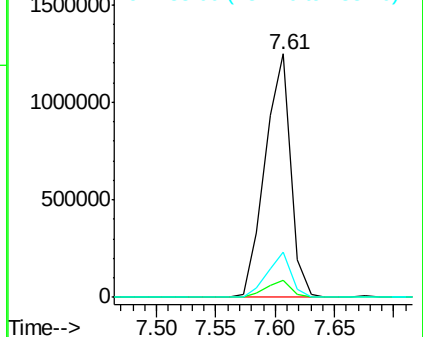
138 18.3 14.6 22.0

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



#26

2-Nitrophenol

Concen: 46.20 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

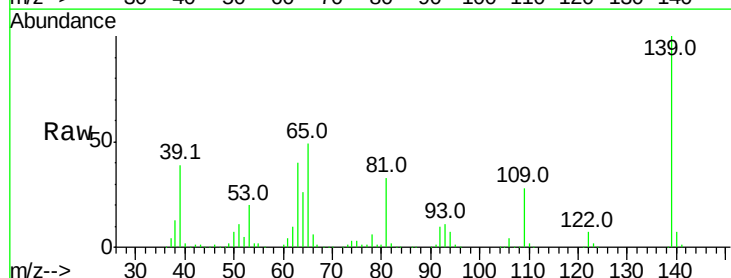
Tgt Ion: 139 Resp: 506298

Ion Ratio Lower Upper

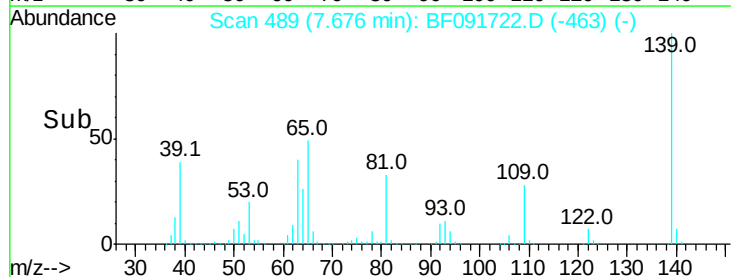
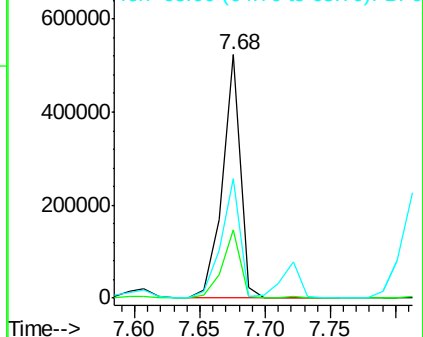
139 100

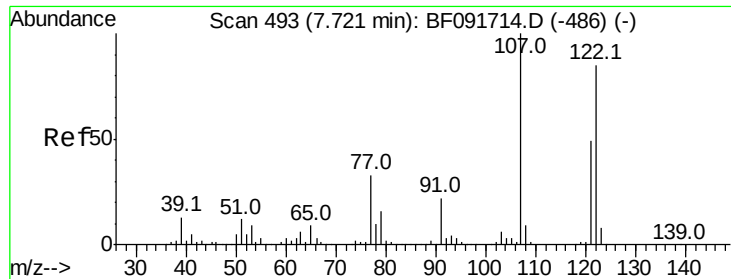
109 28.1 23.3 34.9

65 49.1 42.7 64.1



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





#27

2,4-Dimethylphenol

Concen: 46.63 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

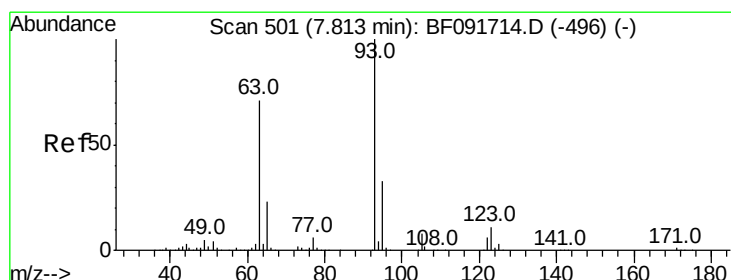
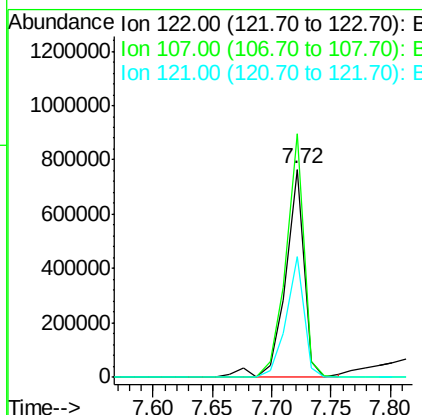
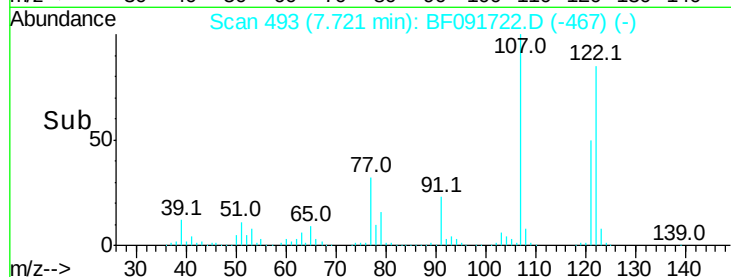
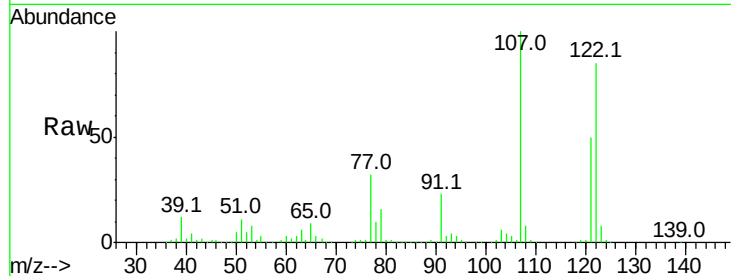
ClientSampleId :

PB95408BS

Tot Ion:	122	Resp:	833591
Ion Ratio	Lower	Upper	
122	100		
107	117.1	94.1	141.1
121	58.1	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 45.69 ng

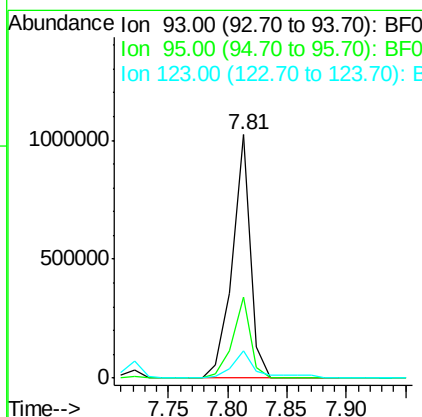
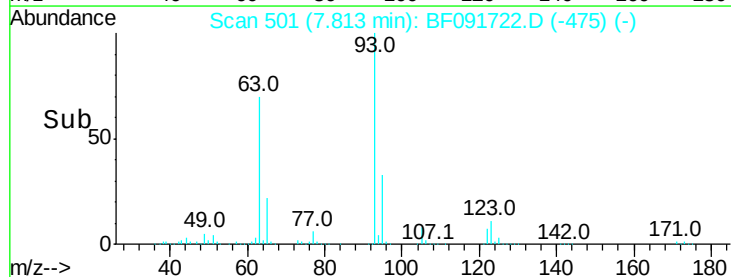
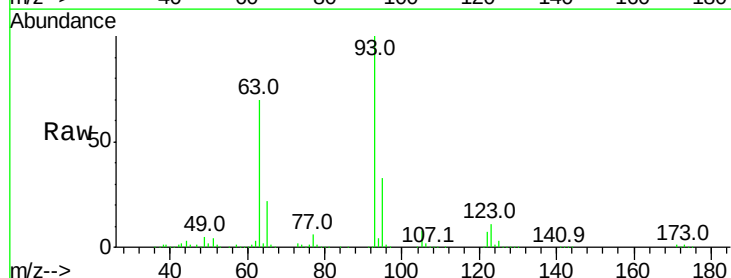
RT: 7.81 min Scan# 501

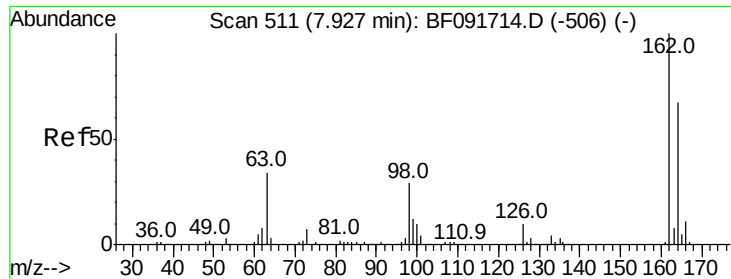
Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Tgt Ion:	93	Resp:	1078957
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.5	39.7
123	11.0	8.6	13.0





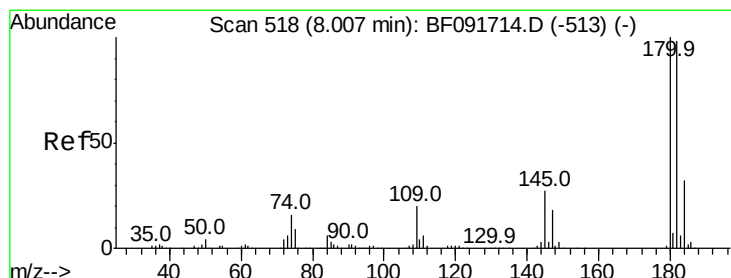
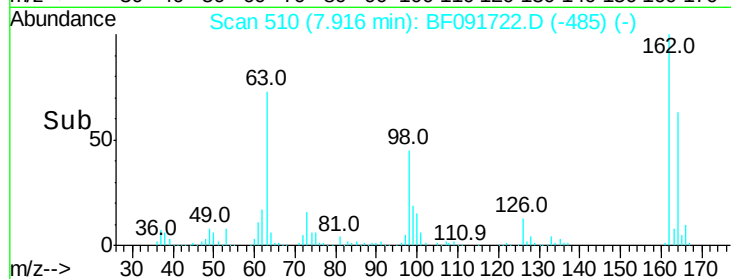
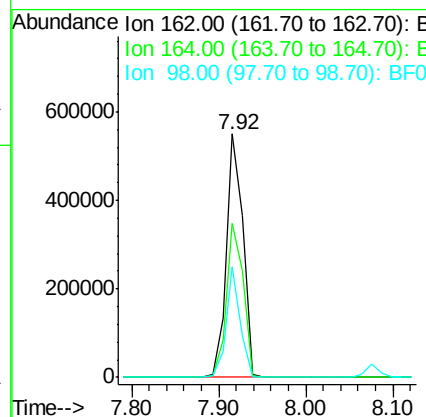
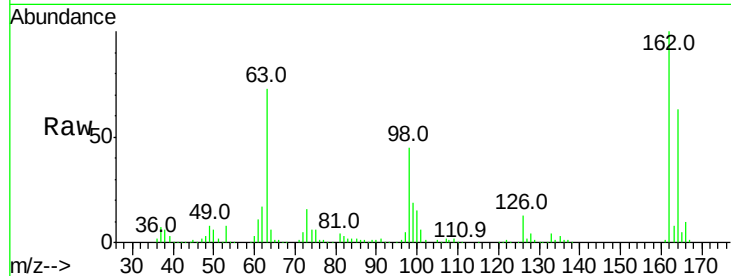
#29
 2,4-Dichlorophenol
 Concen: 44.45 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.5	46.8	86.8
98	45.5	9.1	49.1

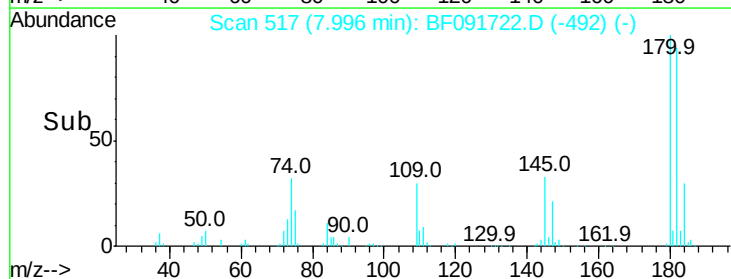
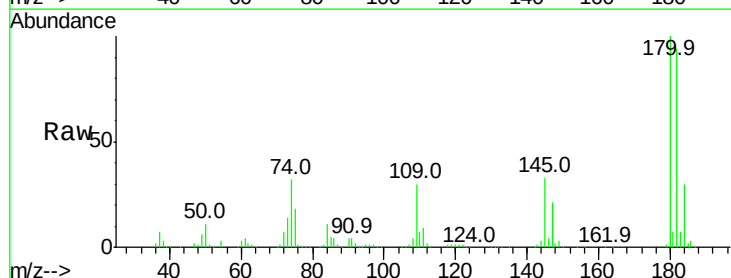
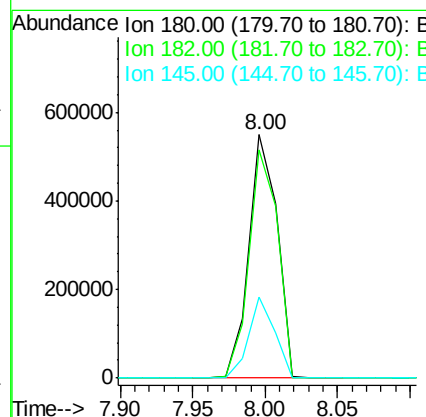
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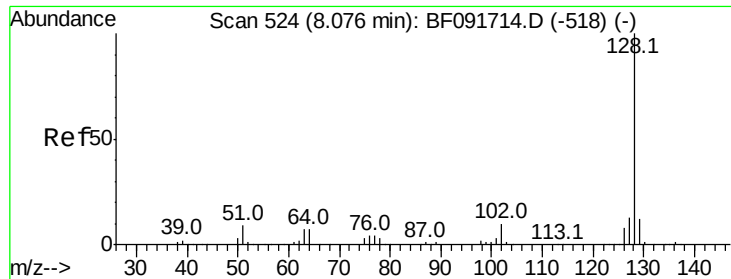
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.69 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.8	78.2	117.4
145	33.2	21.6	32.4#





#31

Naphthalene

Concen: 39.51 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

Tot Ion:128 Resp: 2302880

Ion Ratio Lower Upper

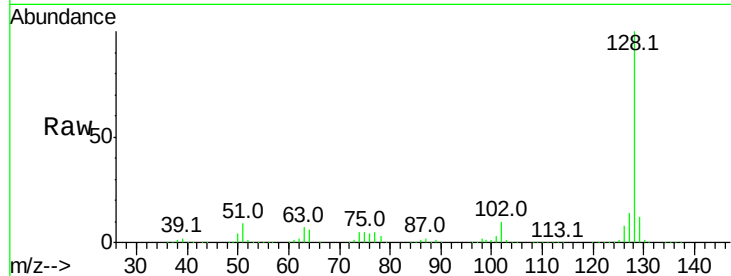
128 100

129 11.9 9.5 14.3

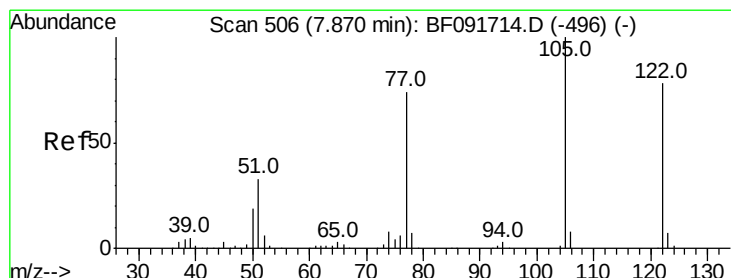
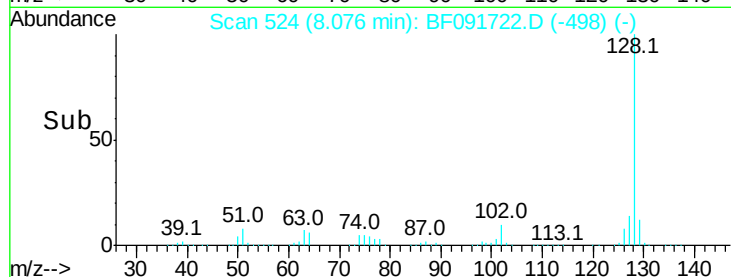
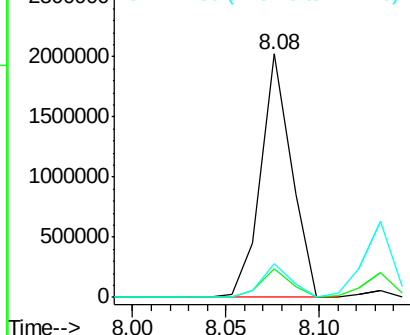
127 13.7 10.8 16.2

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



#32

Benzoic acid

Concen: 48.39 ng

RT: 7.87 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

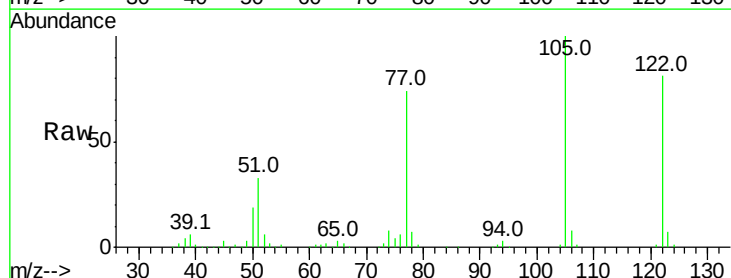
Tgt Ion:122 Resp: 616460

Ion Ratio Lower Upper

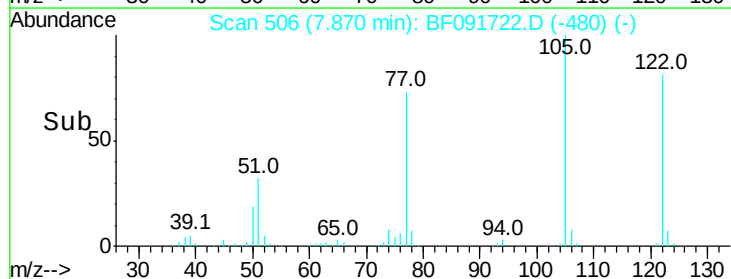
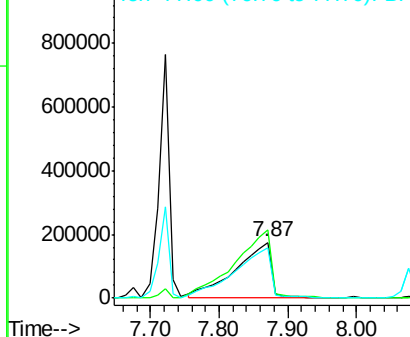
122 100

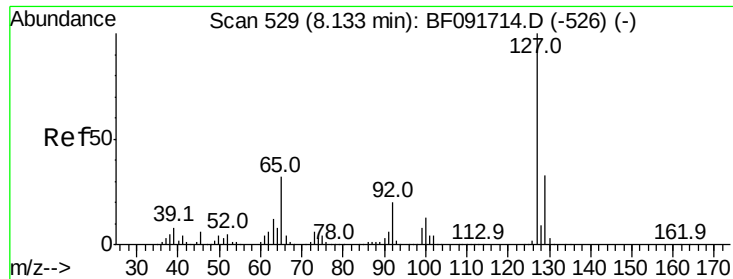
105 123.8 107.2 147.2

77 91.4 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





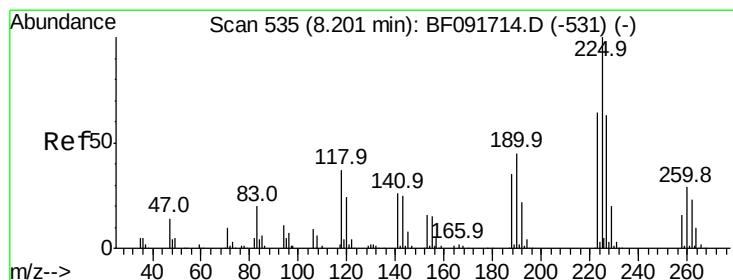
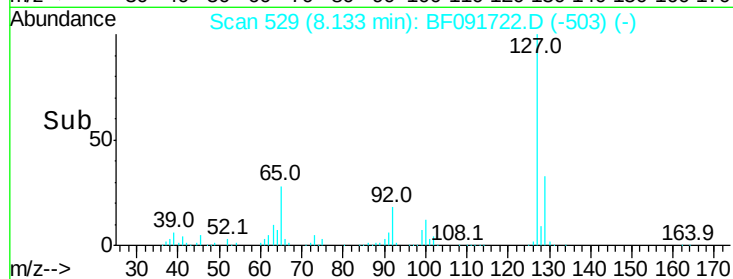
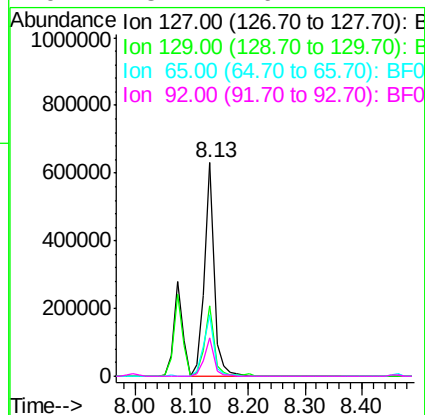
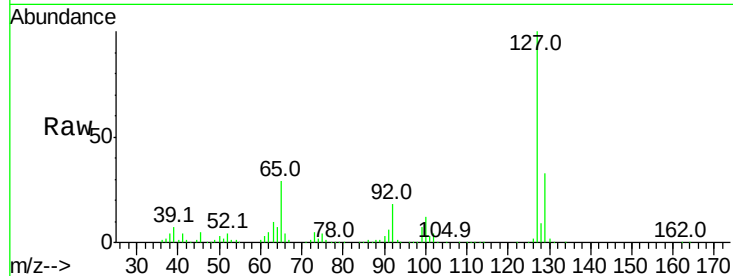
#33
4-Chloroaniline
Concen: 29.69 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Instrument :
BNA_F
ClientSampleId :
PB95408BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.3	39.5	
65	28.8	25.8	38.8	
92	18.1	16.1	24.1	

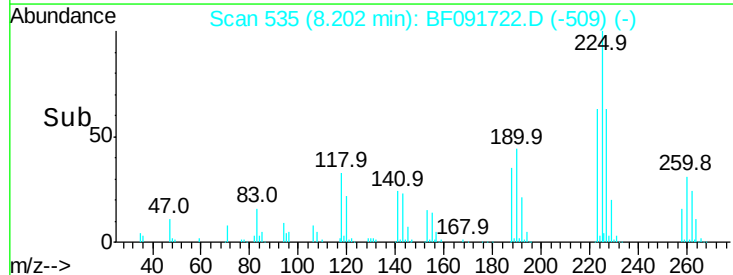
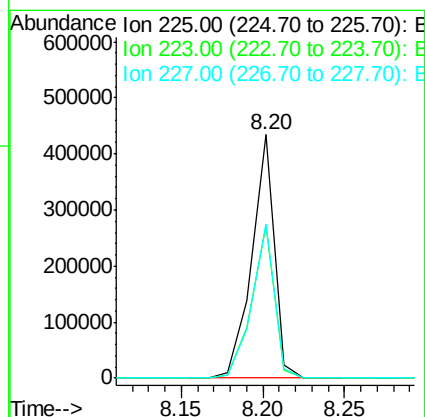
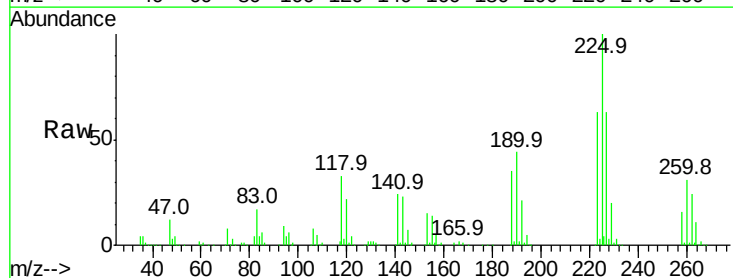
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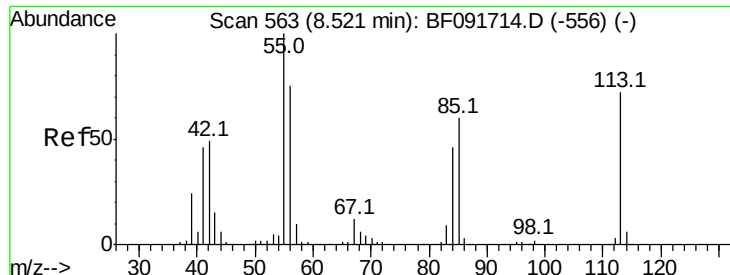
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#34
Hexachlorobutadiene
Concen: 41.38 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.8	51.0	76.6	
227	63.2	50.6	76.0	





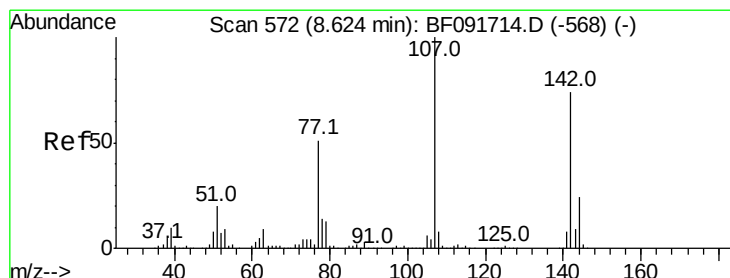
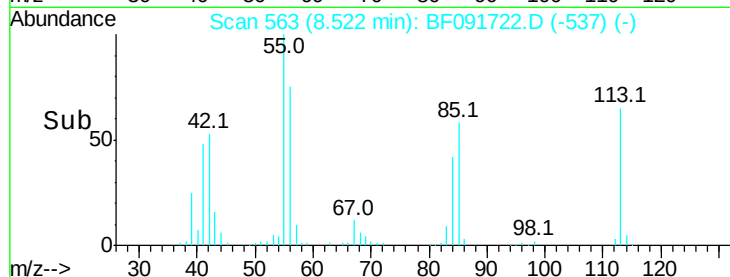
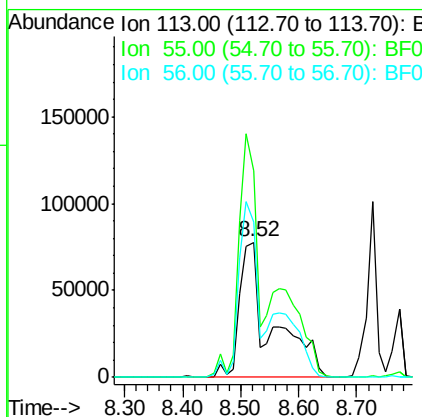
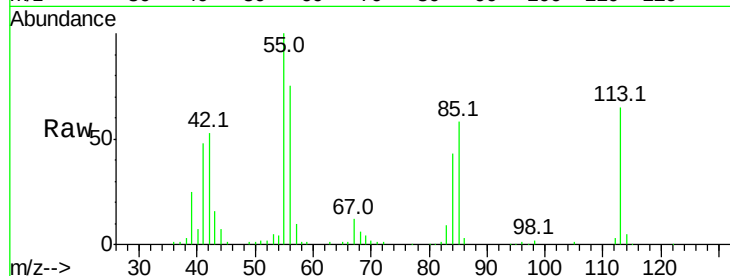
#35
 Caprolactam
 Concen: 55.39 ng/ml
 RT: 8.52 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleID :
 PB95408BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.1	119.2	159.2
56	115.2	83.8	123.8

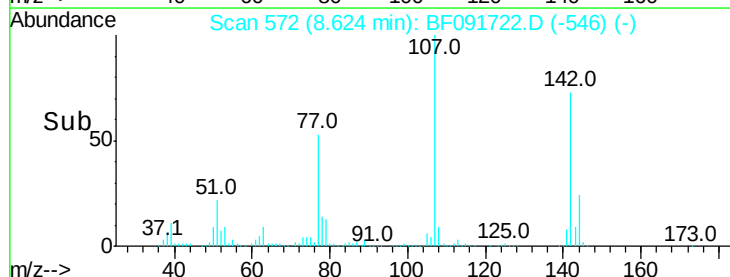
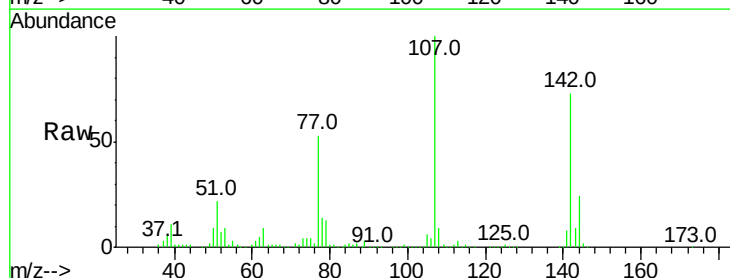
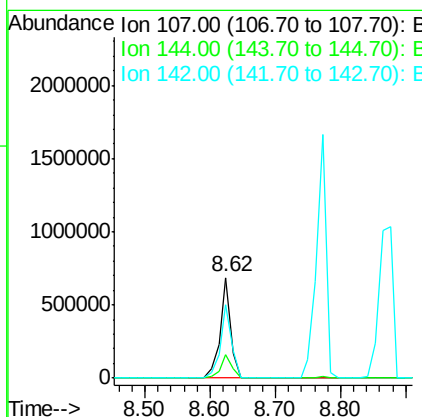
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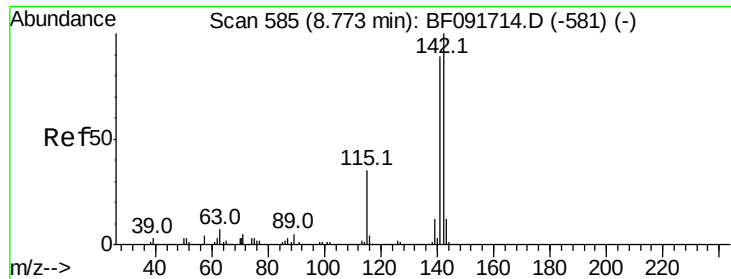
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#36
 4-Chloro-3-methylphenol
 Concen: 44.00 ng/ml
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.3	28.9
142	72.7	59.0	88.6





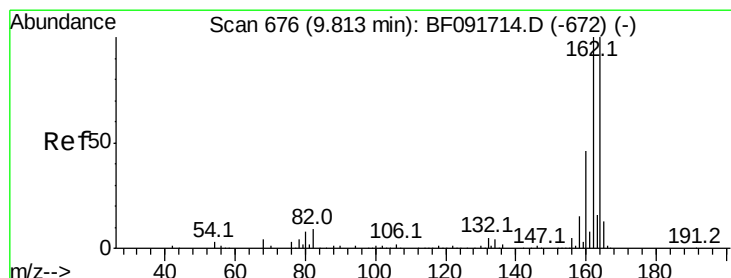
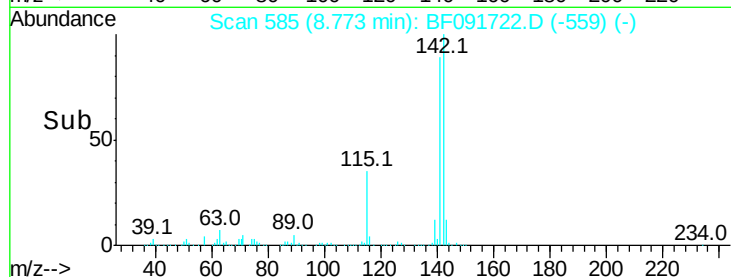
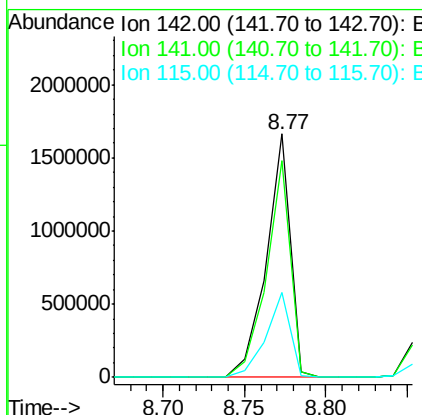
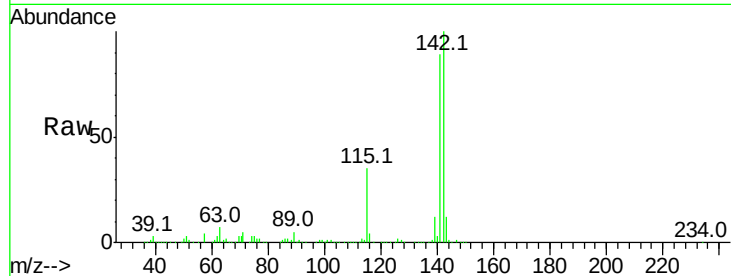
#37
2-Methylnaphthalene
Concen: 46.43 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Instrument :
BNA_F
ClientSampleId :
PB95408BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	34.7	28.3	42.5

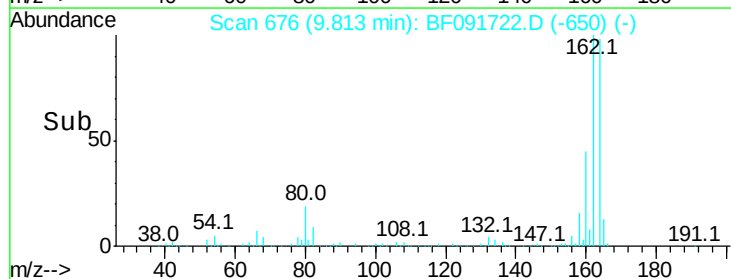
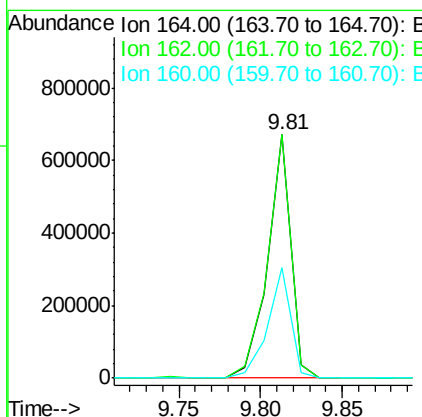
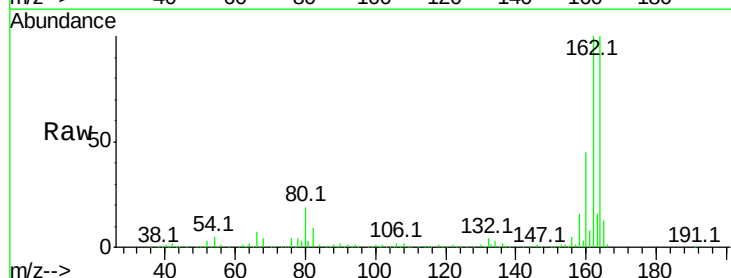
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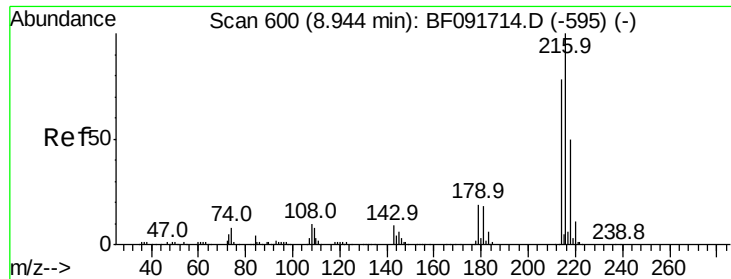
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.2
160	45.3	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.26 ng

RT: 8.94 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

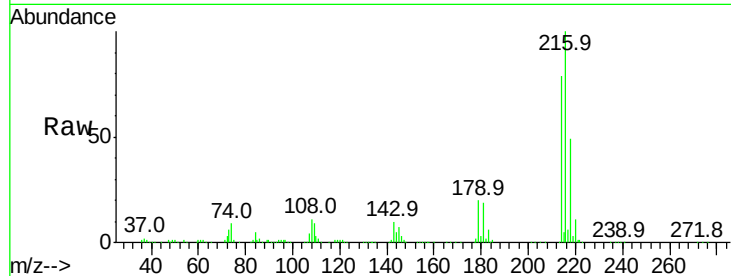
ClientSampleId :

PB95408BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	700793		
214	79.7	63.4	95.0	
179	21.9	17.4	26.2	
108	21.4	15.6	23.4	

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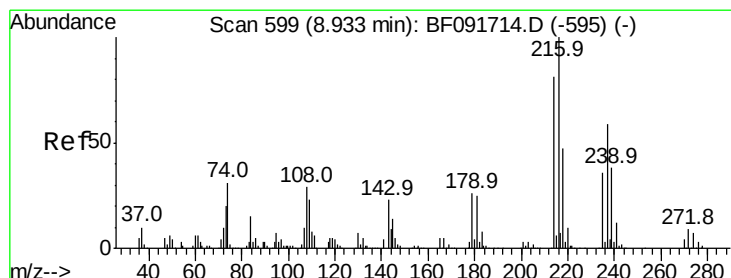
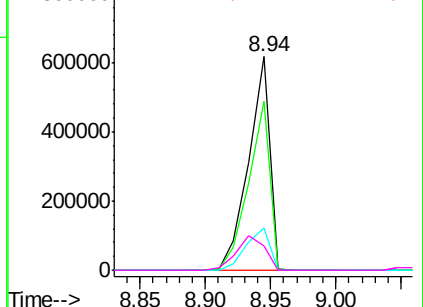
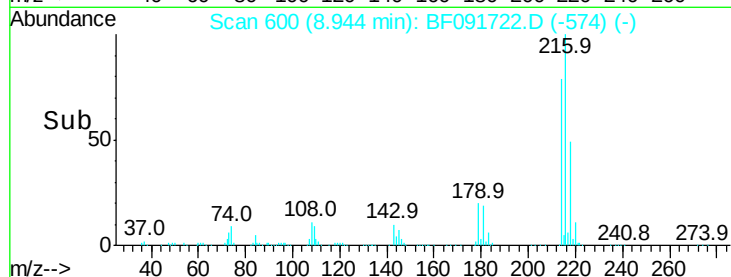


Abundance Ion 216.00 (215.70 to 216.70): E

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: 111.02 ng

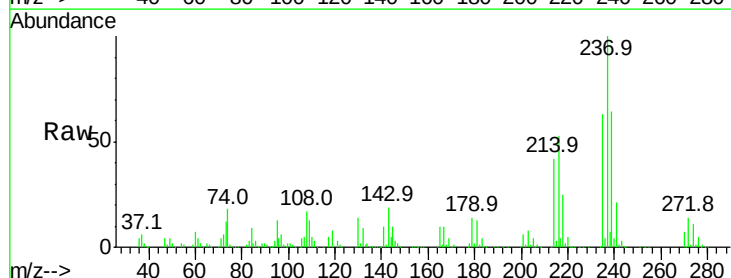
RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

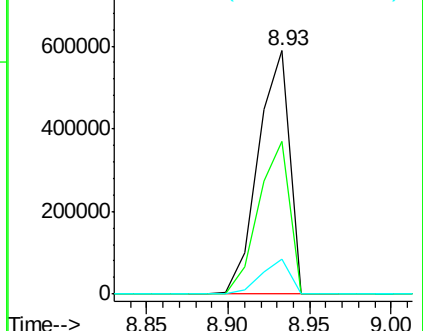
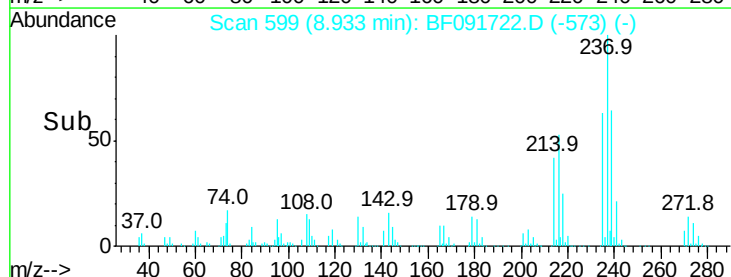
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	780365		
235	62.6	41.2	81.2	
272	14.5	0.0	35.4	

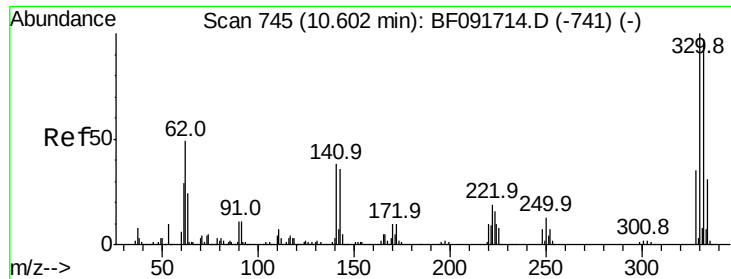


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





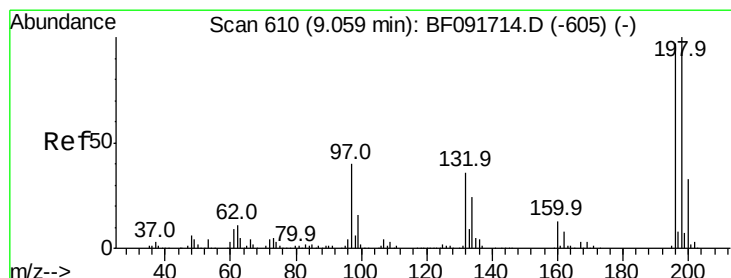
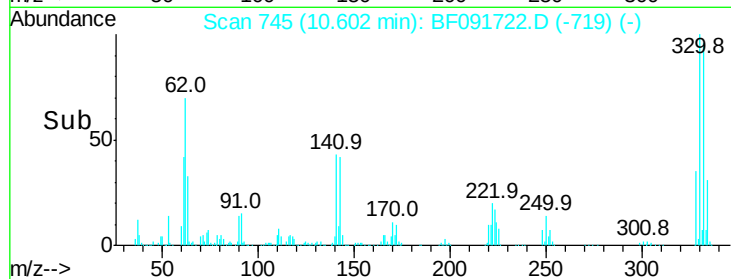
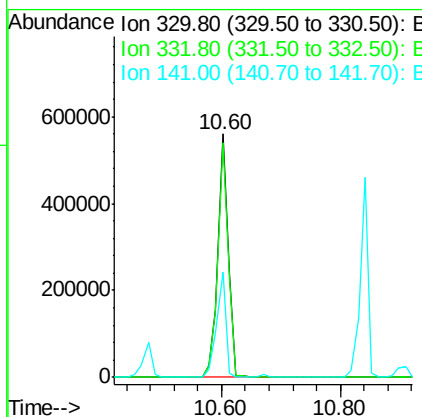
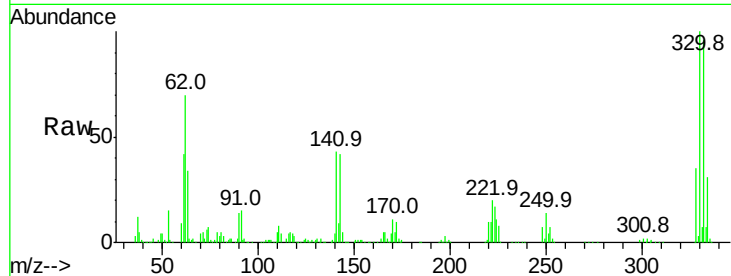
#41
 2,4,6-Tribromophenol
 Concen: 121.67 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	37.8	34.1	51.1

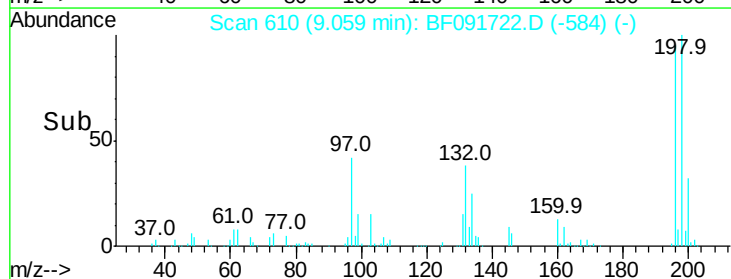
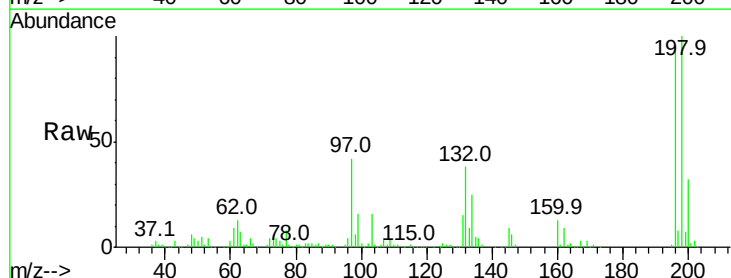
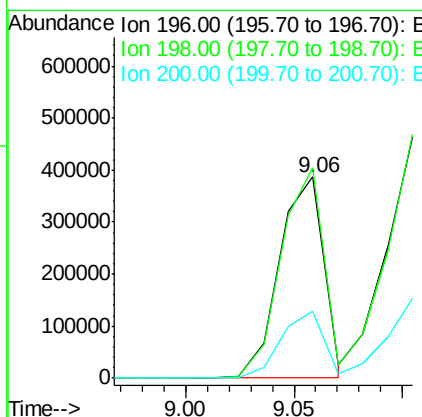
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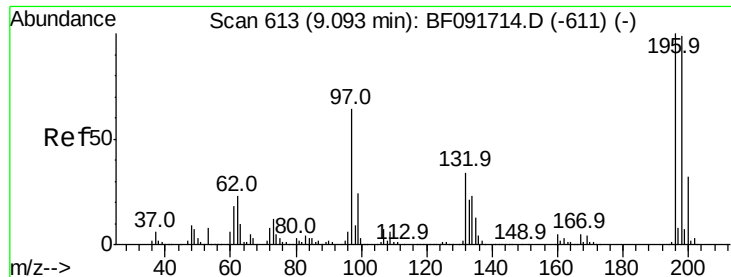
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#42
 2,4,6-Trichlorophenol
 Concen: 46.46 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	104.7	82.1	123.1
200	33.6	27.0	40.4





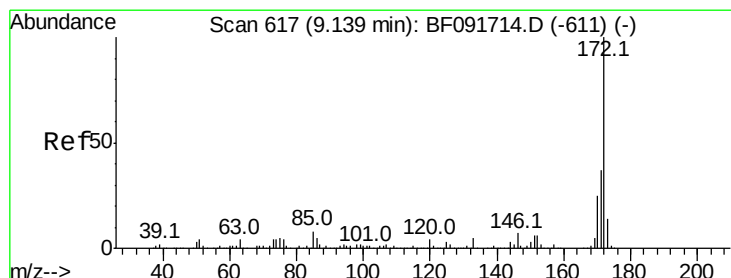
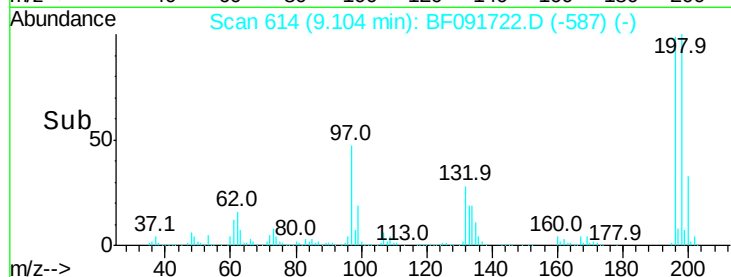
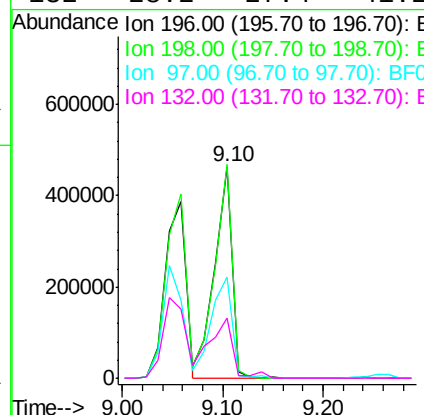
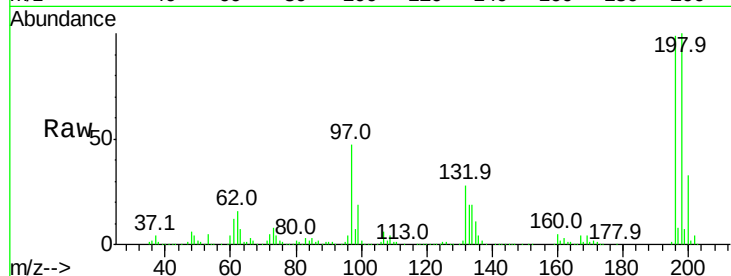
#43
 2,4,5-Trichlorophenol
 Concen: 48.49 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	564519		
198	101.0	79.4	119.2	
97	47.6	51.5	77.3#	
132	28.2	27.4	41.2	

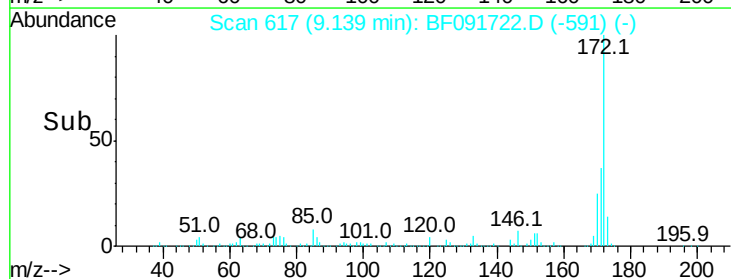
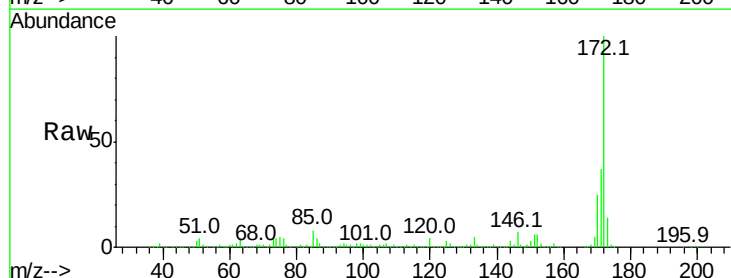
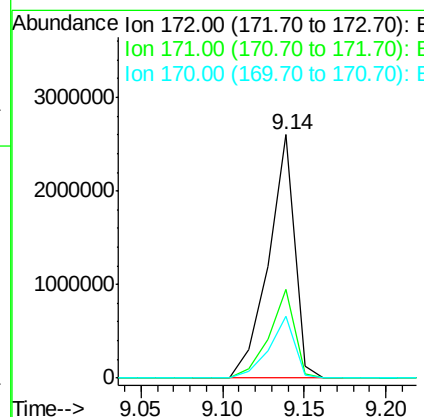
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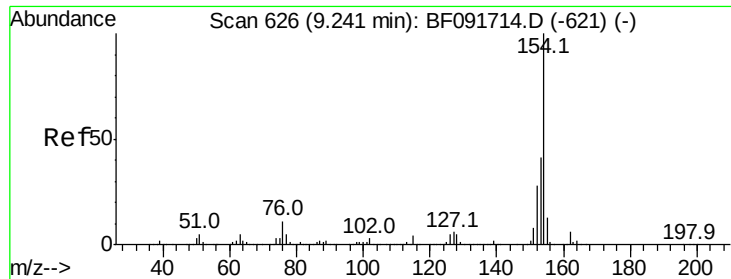
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#44
 2-Fluorobiphenyl
 Concen: 88.07 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2916679		
171	36.7	29.4	44.0	
170	25.4	20.2	30.4	





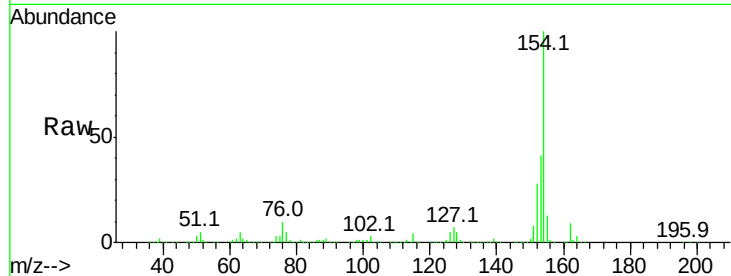
#45
 1,1'-Biphenyl
 Concen: 44.94 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

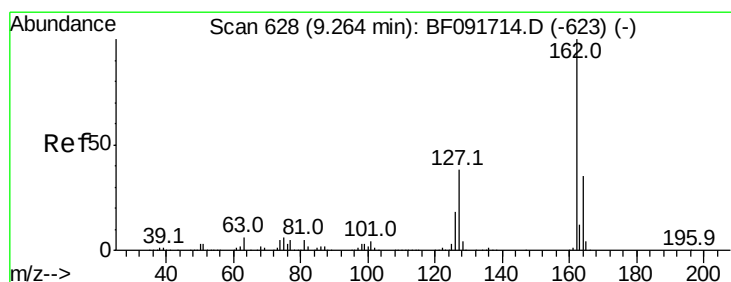
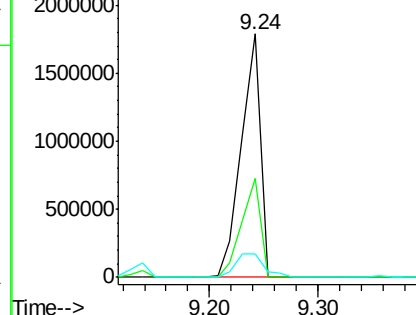
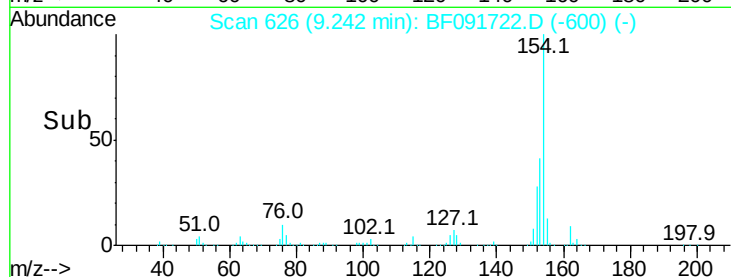
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.9	60.9
76	9.7	0.0	30.5

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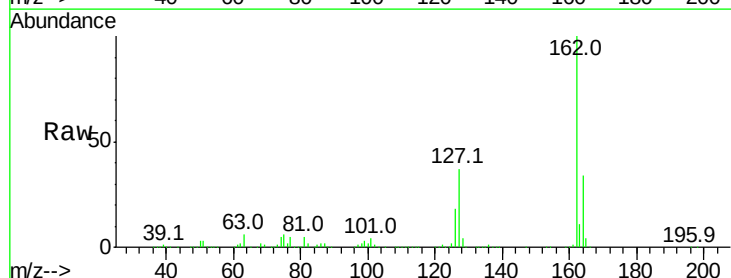


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

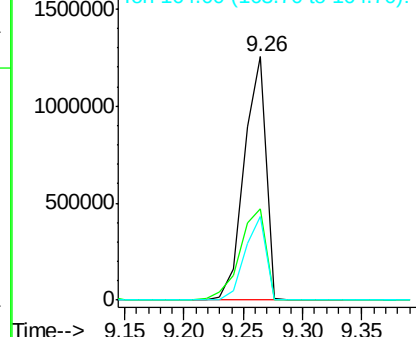
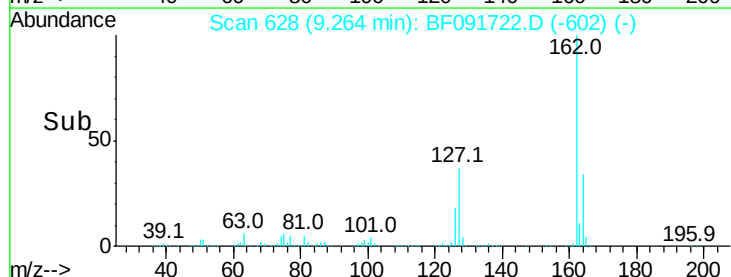


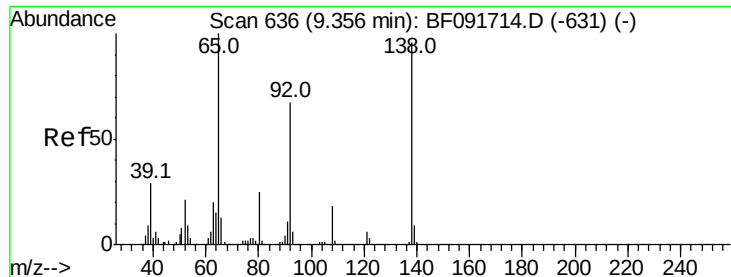
#46
 2-Chloronaphthalene
 Concen: 44.81 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.4	30.7	46.1
164	34.4	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: 41.19 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

Tot Ion: 65 Resp: 501238

Ion Ratio Lower Upper

65 100

92 67.7 53.9 80.9

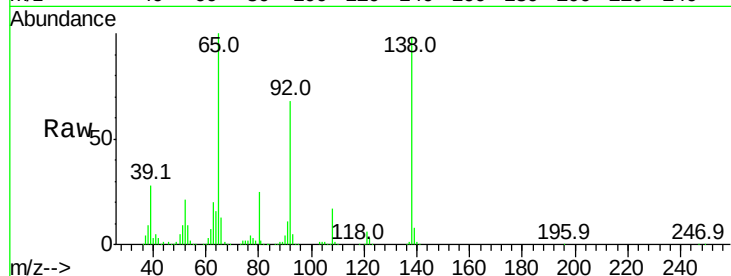
138 98.3 76.8 115.2

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Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

9.36

400000

300000

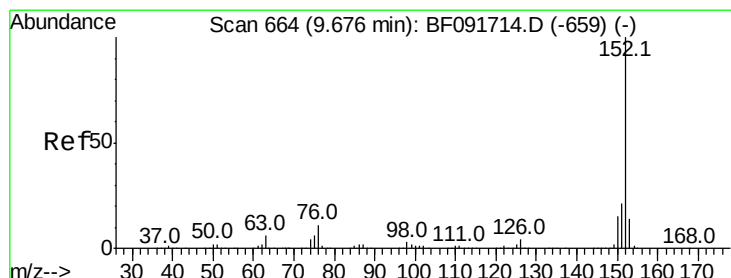
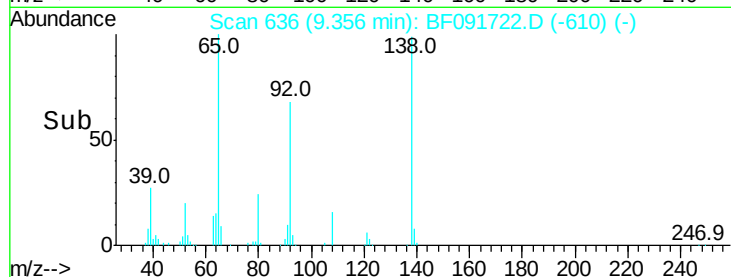
200000

100000

0

9.30 9.40 9.50

Time-->



#48

Acenaphthylene

Concen: 43.72 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

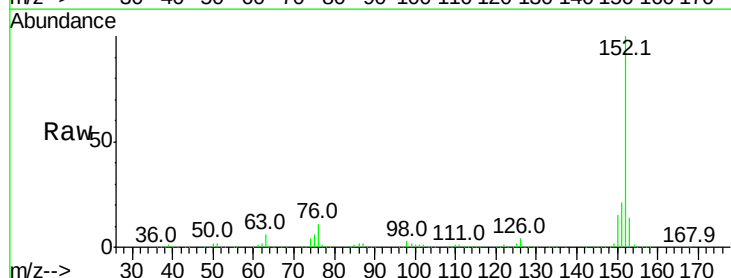
Tgt Ion: 152 Resp: 2414079

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

153 14.5 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

9.68

3000000

2500000

2000000

1500000

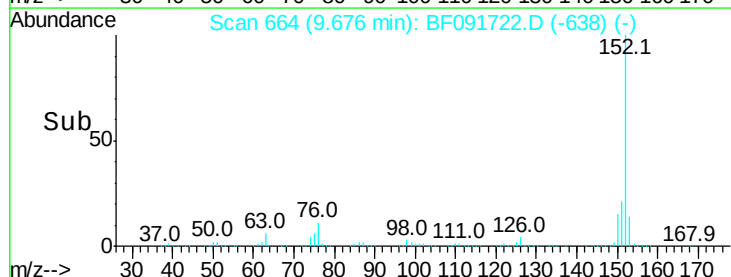
1000000

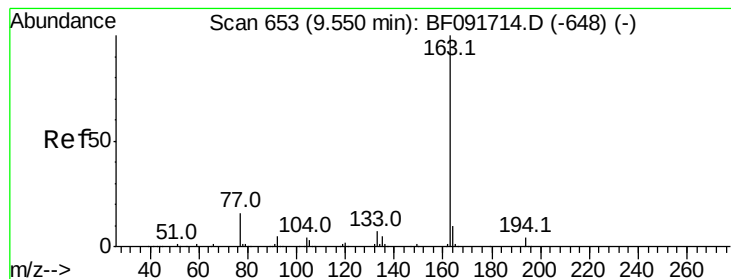
500000

0

9.60 9.70 9.80

Time-->





#49

Dimethylphthalate

Concen: 47.30 ng

RT: 9.55 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

Tot Ion:163 Resp: 2055498

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

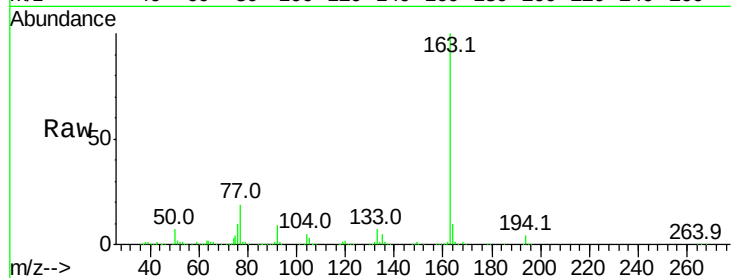
164 10.4 8.0 12.0

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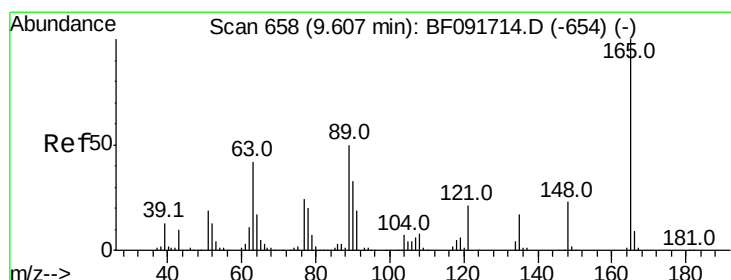
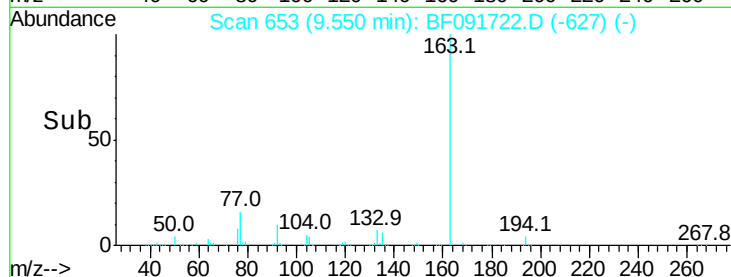
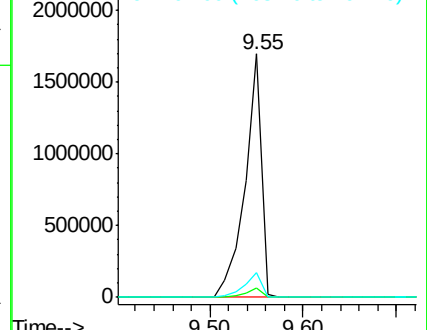
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.91 ng

RT: 9.61 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

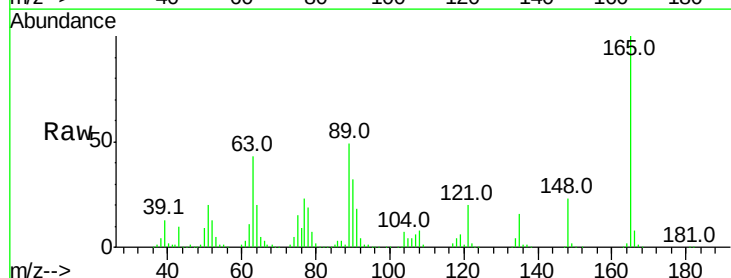
Tgt Ion:165 Resp: 475592

Ion Ratio Lower Upper

165 100

63 42.6 36.2 54.4

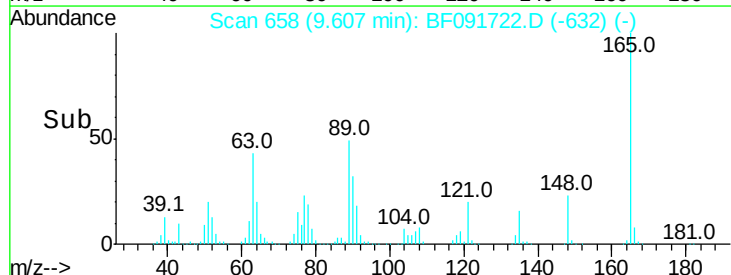
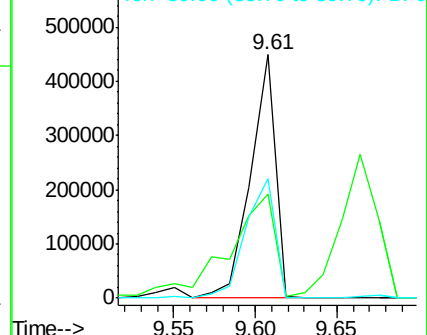
89 48.8 40.2 60.4

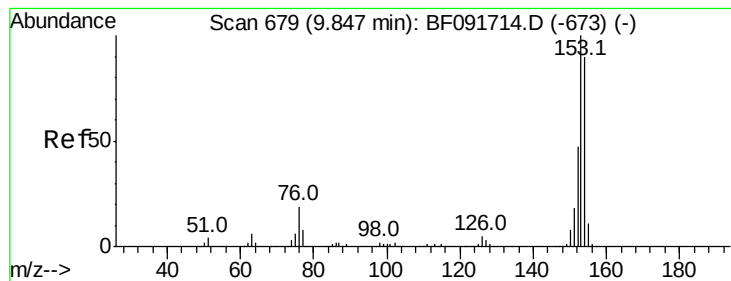


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.56 ng

RT: 9.85 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

Tot Ion:154 Resp: 1650680

Ion Ratio Lower Upper

154 100

153 111.6 88.6 133.0

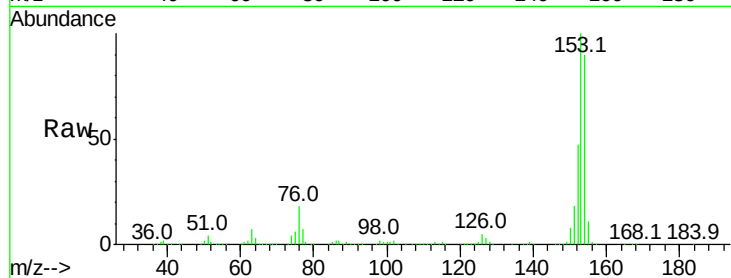
152 52.0 41.6 62.4

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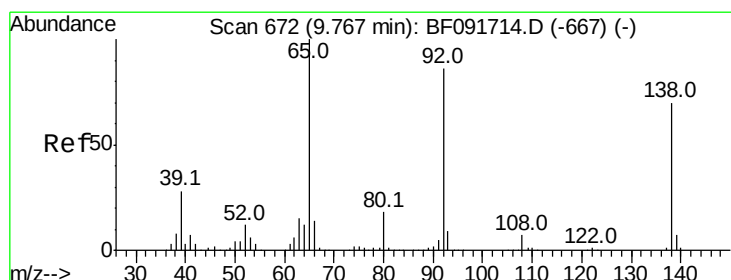
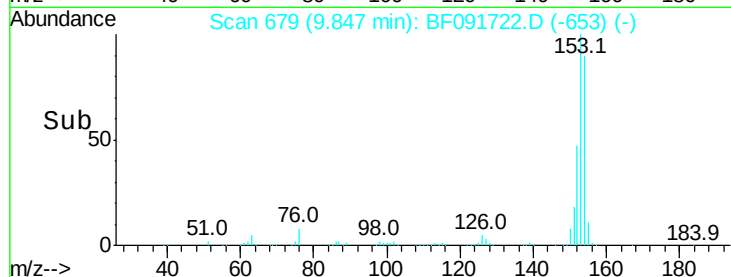
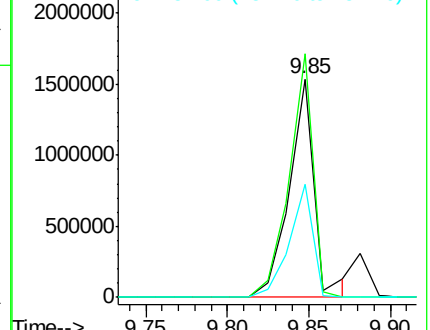
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.77 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

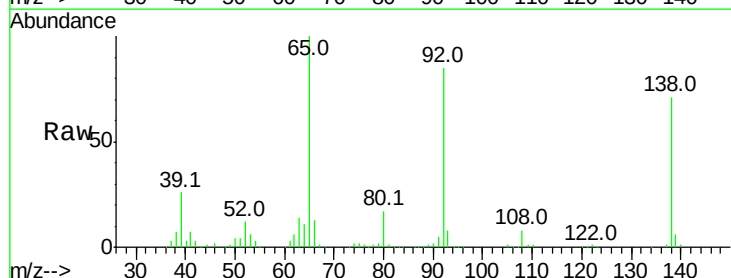
Tgt Ion:138 Resp: 329500

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

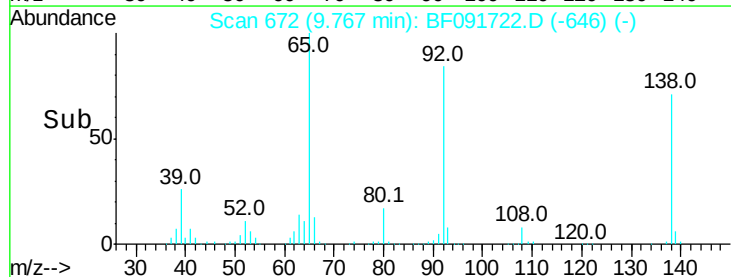
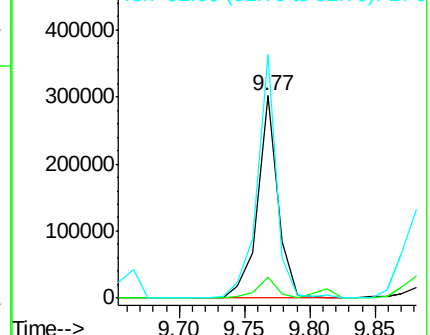
92 120.4 97.8 146.8

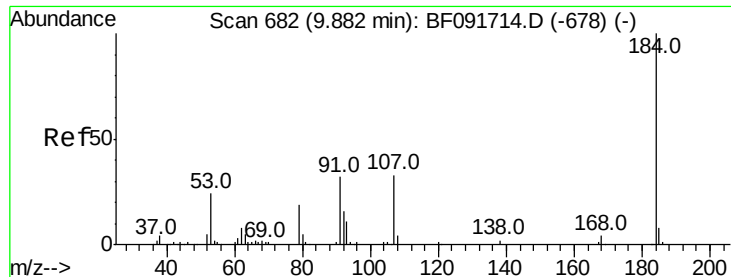


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





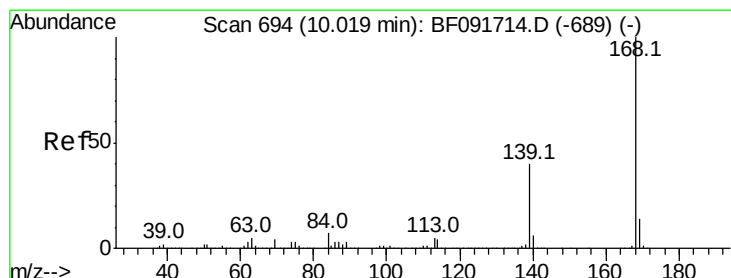
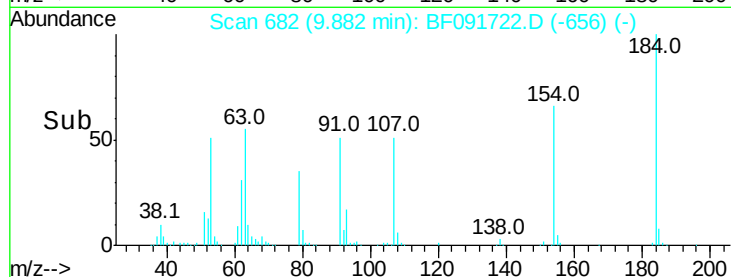
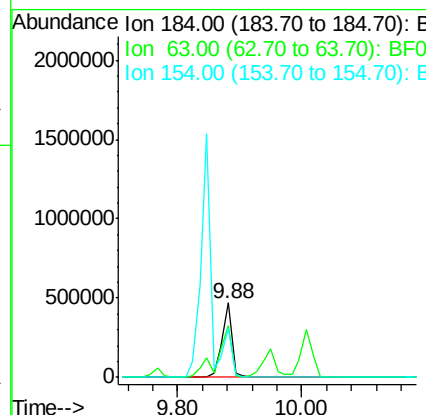
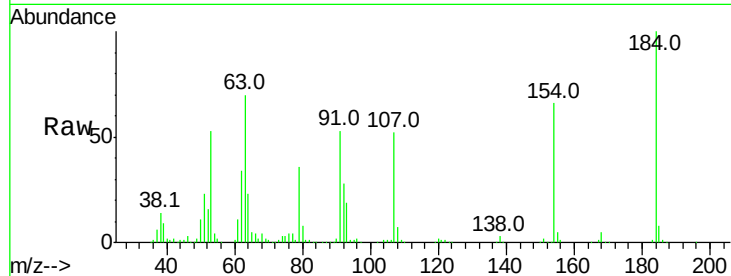
#53
 2,4-Dinitrophenol
 Concen: 99.78 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleID :
 PB95408BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.7	28.4	42.6#
154	66.2	44.3	66.5

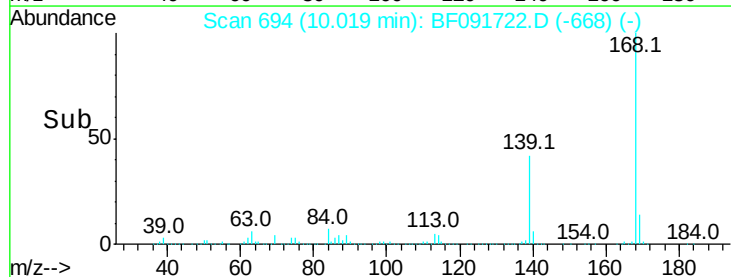
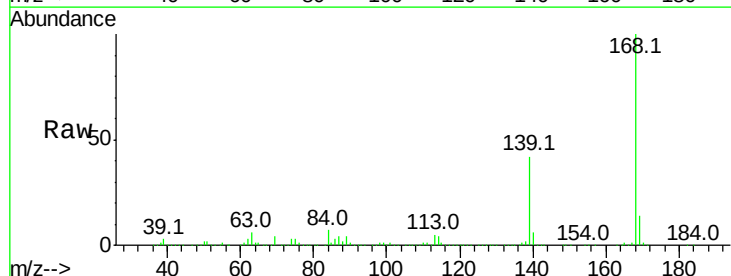
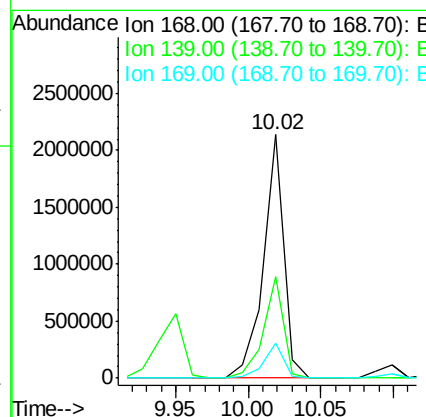
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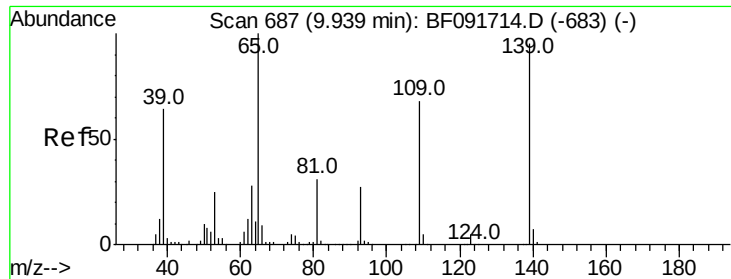
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#54
 Dibenzofuran
 Concen: 46.09 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.5	32.6	49.0
169	14.2	11.3	16.9





#55

4-Nitrophenol

Concen: 85.98 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

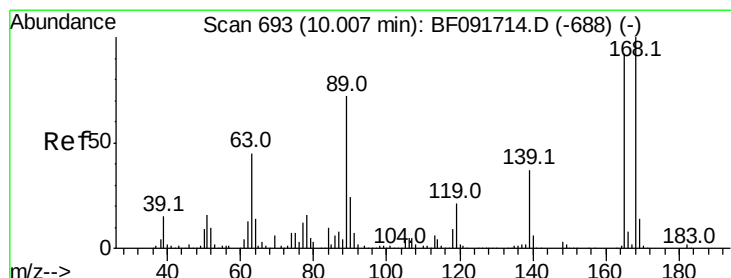
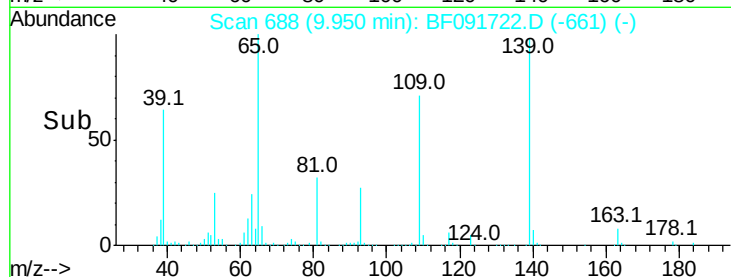
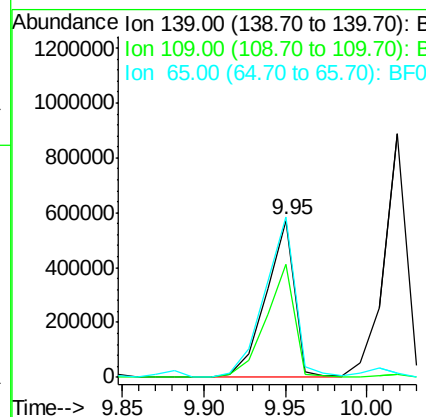
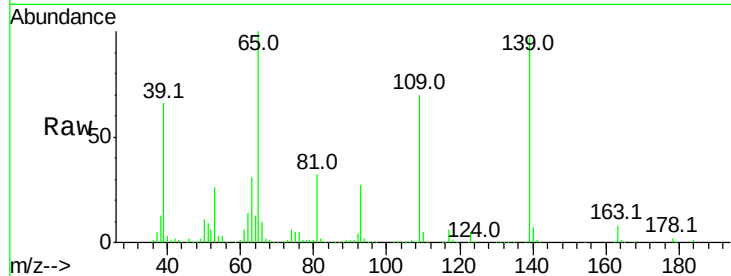
ClientSampleId :

PB95408BS

Tot Ion:	139	Resp:	708350
Ion Ratio	Lower	Upper	
139	100		
109	72.2	52.2	92.2
65	102.7	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 44.25 ng

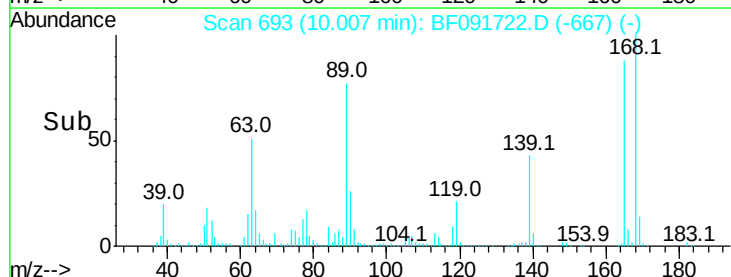
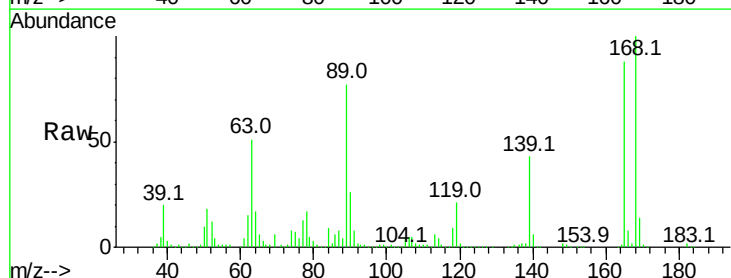
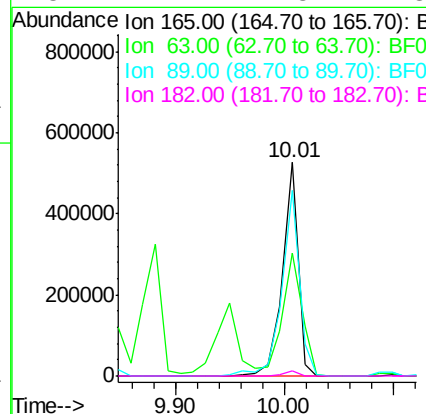
RT: 10.01 min Scan# 693

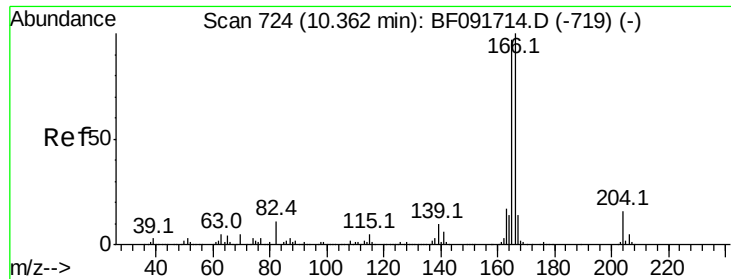
Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Tgt Ion:	165	Resp:	526659
Ion Ratio	Lower	Upper	
165	100		
63	57.8	40.2	60.4
89	87.2	62.5	93.7
182	2.2	1.8	2.8





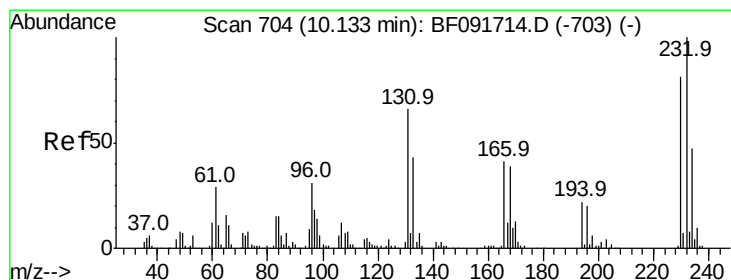
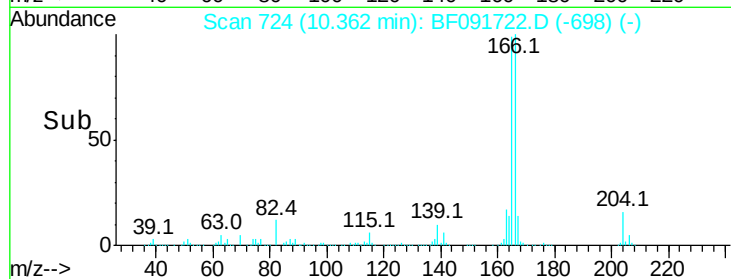
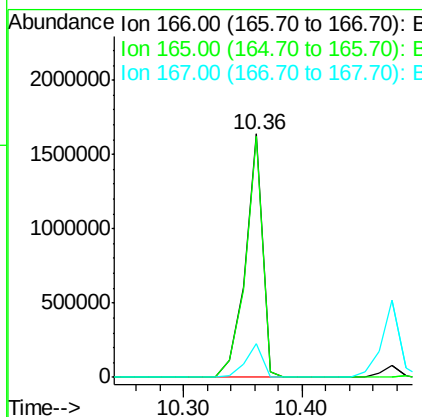
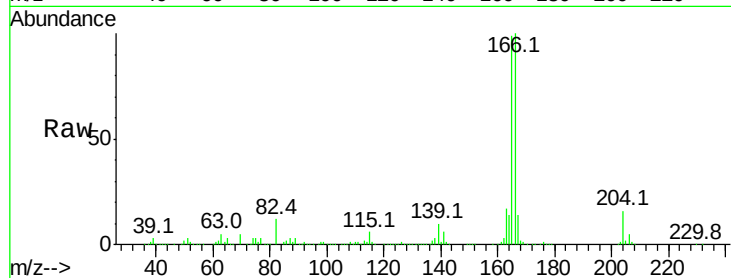
#57
 Fluorene
 Concen: 47.13 ng
 RT: 10.36 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

Tot Ion:166 Resp: 1649605
 Ion Ratio Lower Upper
 166 100
 165 98.9 77.8 116.8
 167 13.9 10.8 16.2

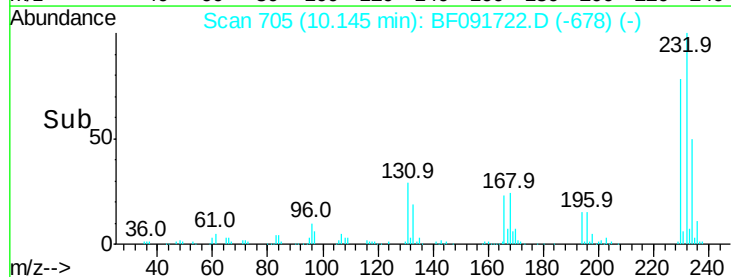
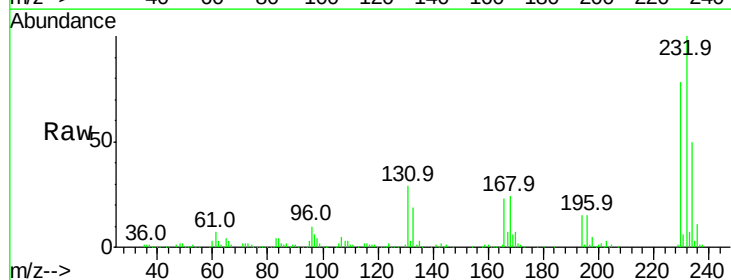
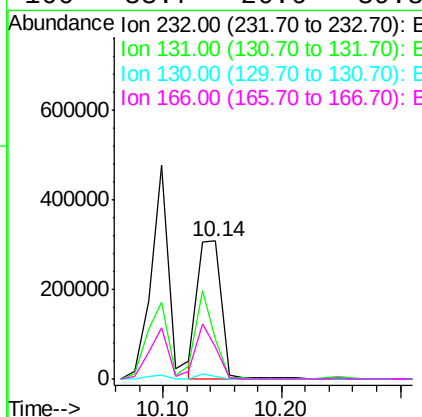
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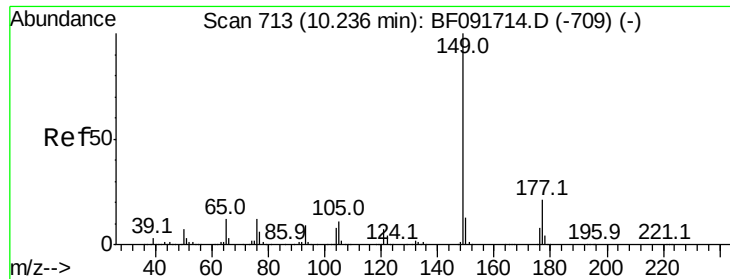
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.04 ng
 RT: 10.14 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion:232 Resp: 433445
 Ion Ratio Lower Upper
 232 100
 131 51.2 40.1 60.1
 130 2.6 1.8 2.8
 166 33.7 26.6 39.8





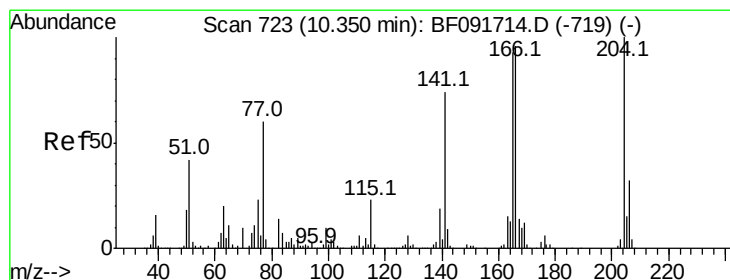
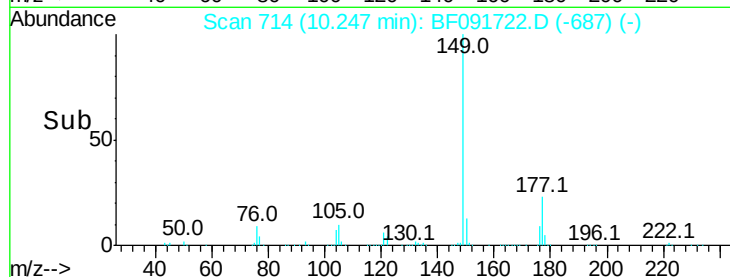
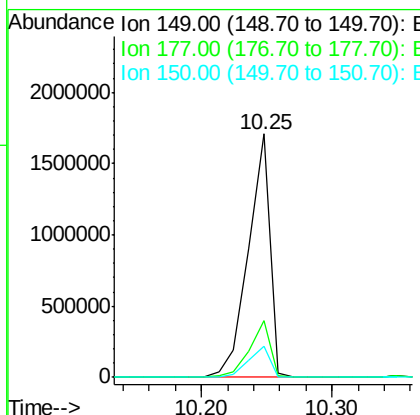
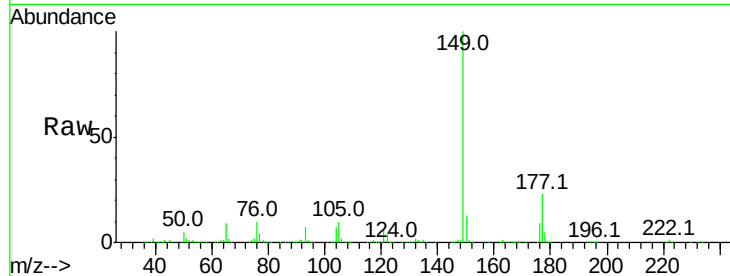
#59
Diethylphthalate
Concen: 46.16 ng
RT: 10.25 min Scan# 714
Delta R.T. 0.01 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Instrument :
BNA_F
ClientSampleId :
PB95408BS

Tot Ion:149 Resp: 1972151
Ion Ratio Lower Upper
149 100
177 23.4 16.6 25.0
150 12.8 10.4 15.6

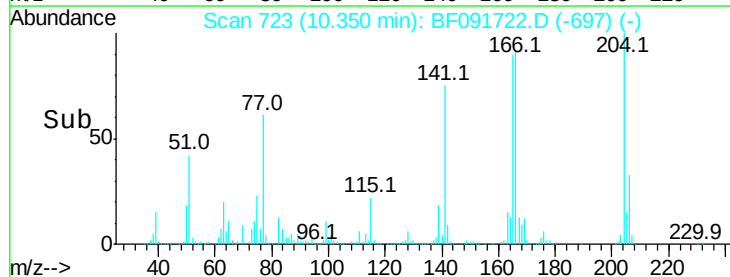
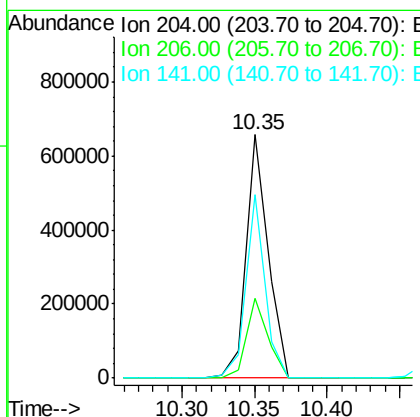
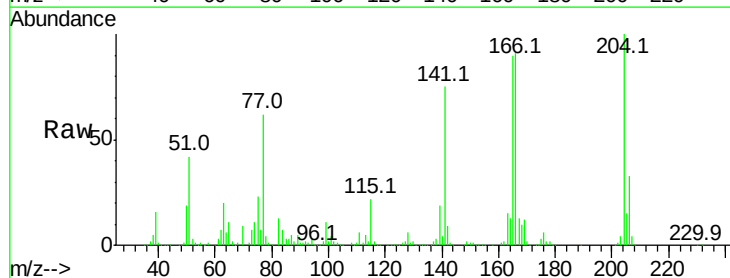
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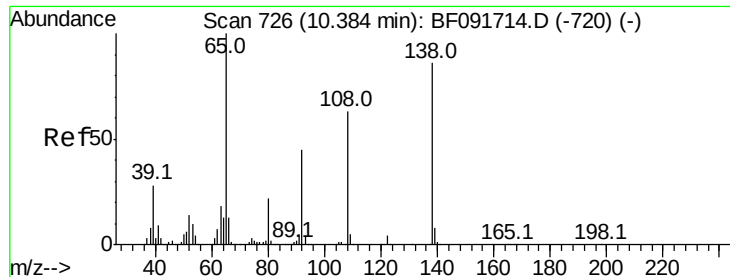
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#60
4-Chlorophenyl-phenylether
Concen: 43.09 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion:204 Resp: 687062
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 75.2 59.4 89.0





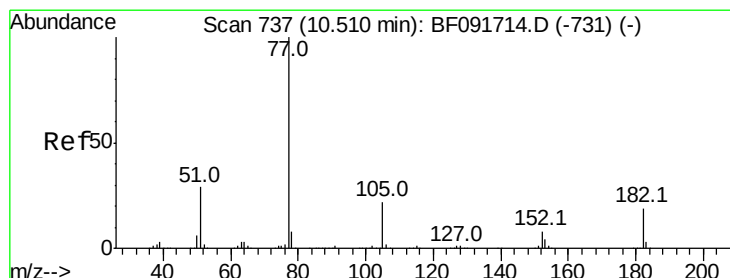
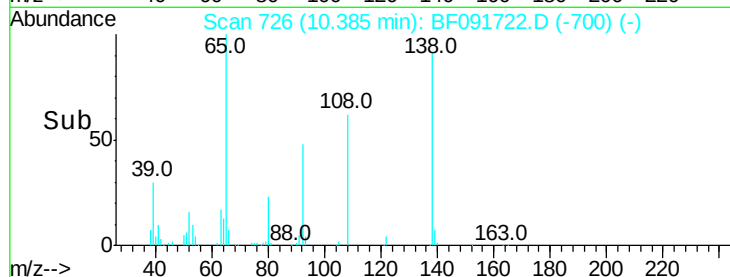
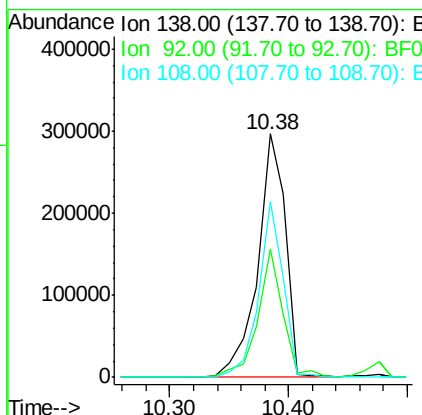
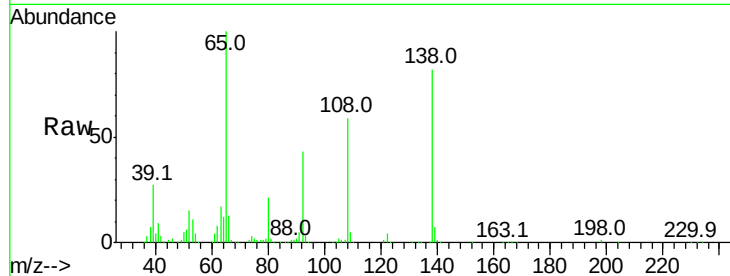
#61
4-Nitroaniline
Concen: 43.10 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Instrument :
BNA_F
ClientSampleId :
PB95408BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.5	31.7	71.7
108	72.3	52.6	92.6

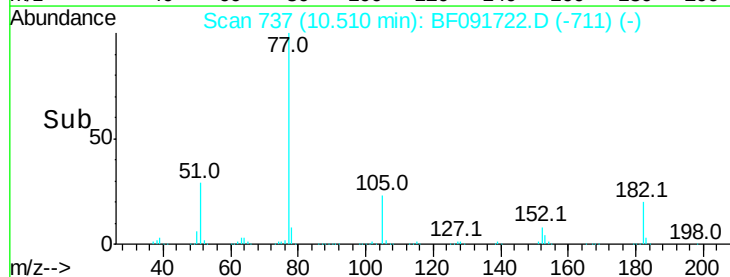
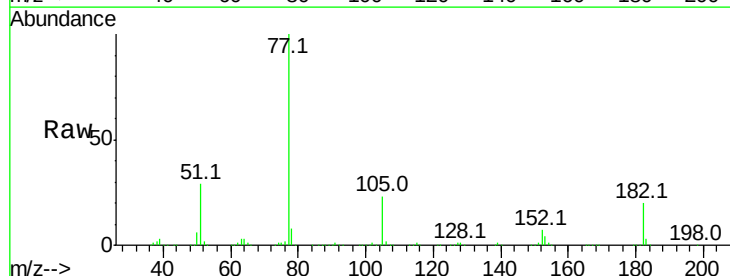
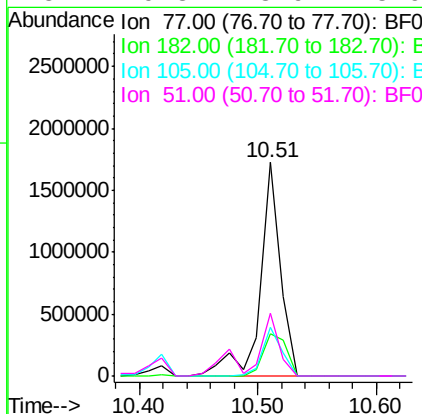
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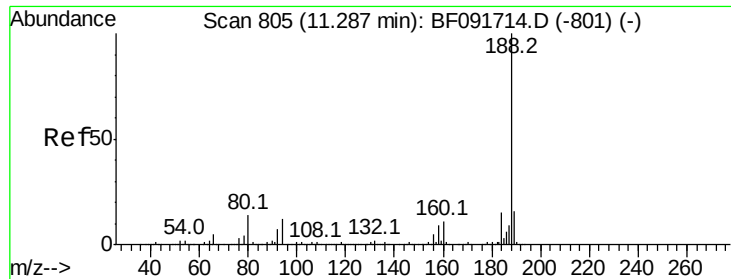
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#62
Azobenzene
Concen: 45.41 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.8	0.0	39.3
105	23.1	2.3	42.3
51	29.3	8.9	48.9





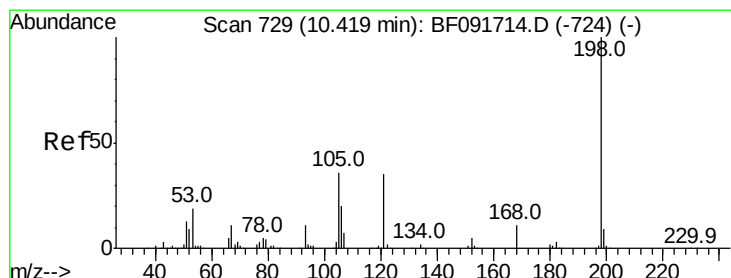
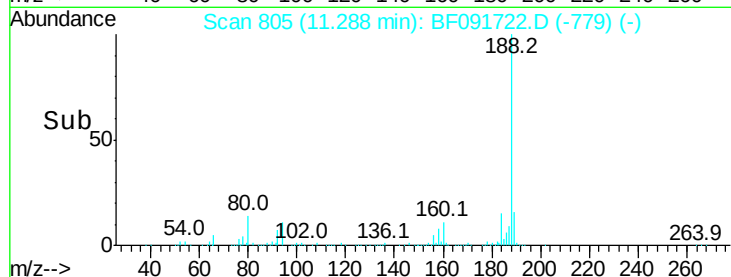
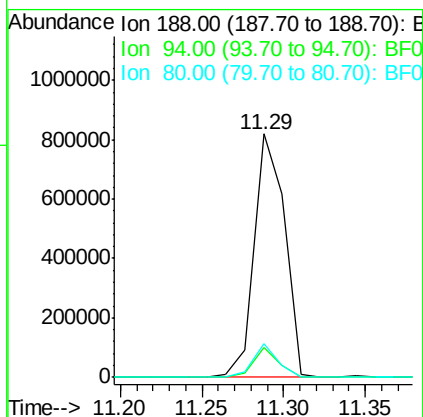
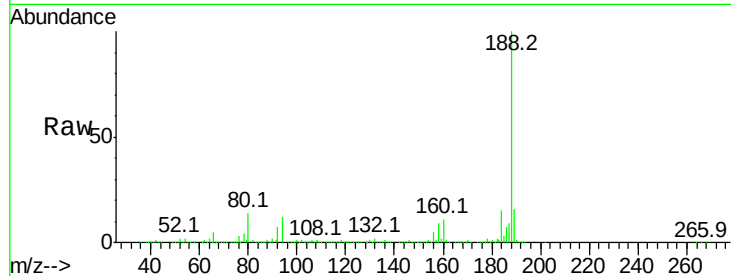
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Instrument :
BNA_F
ClientSampleId :
PB95408BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.2	10.0	15.0
80	13.9	11.2	16.8

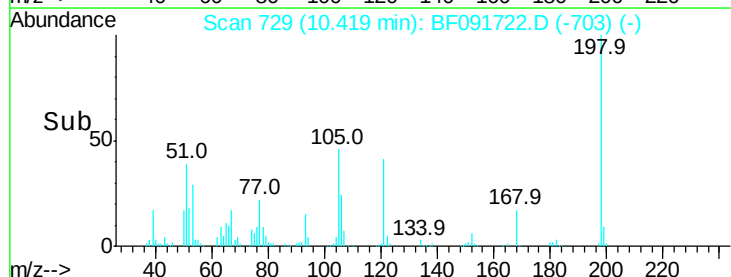
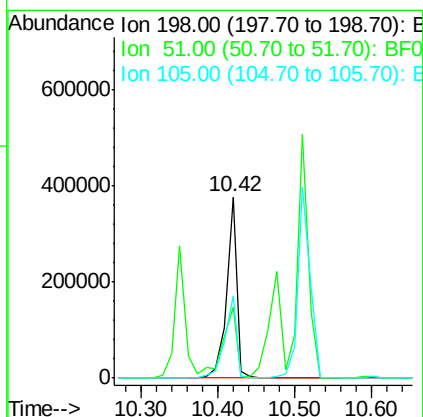
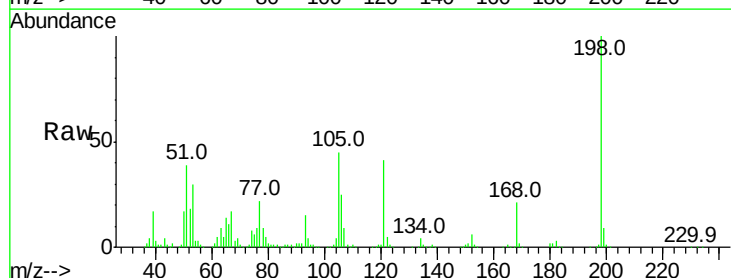
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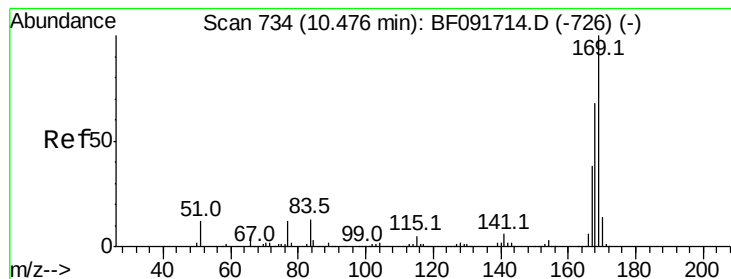
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#64
4,6-Dinitro-2-methylphenol
Concen: 51.72 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Lower	Upper
198	100		
51	39.3	6.7	46.7
105	45.4	16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 44.68 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

Tot Ion:169 Resp: 1474862

Ion Ratio Lower Upper

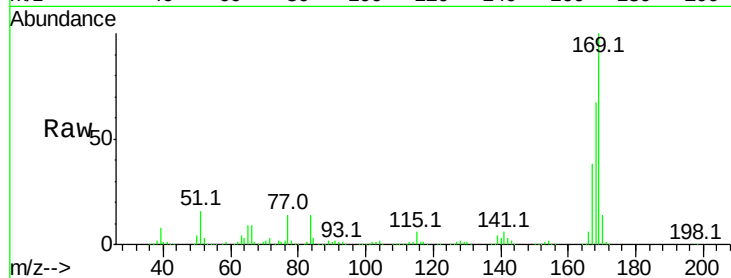
169 100

168 67.2 54.2 81.2

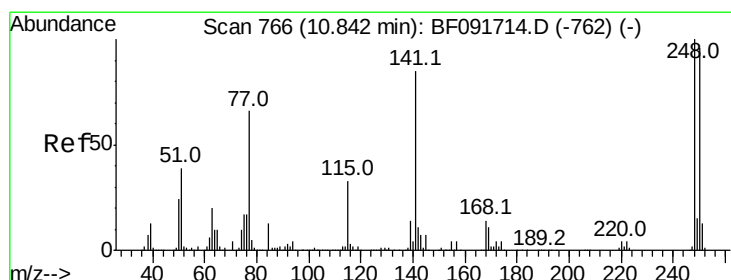
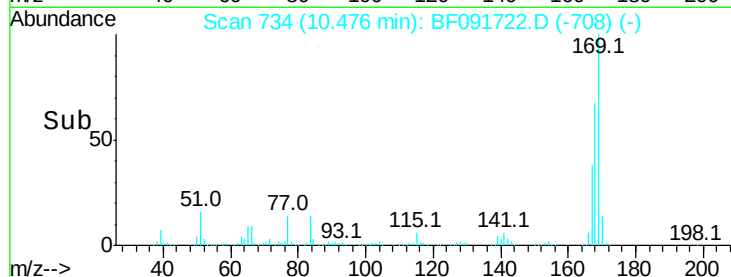
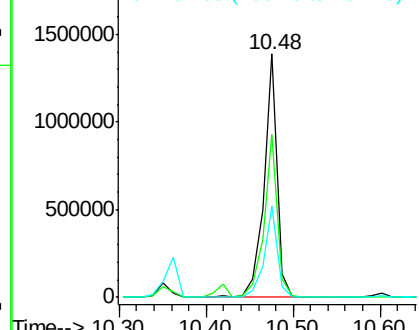
167 37.6 30.2 45.4

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



#66

4-Bromophenyl-phenylether

Concen: 44.57 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

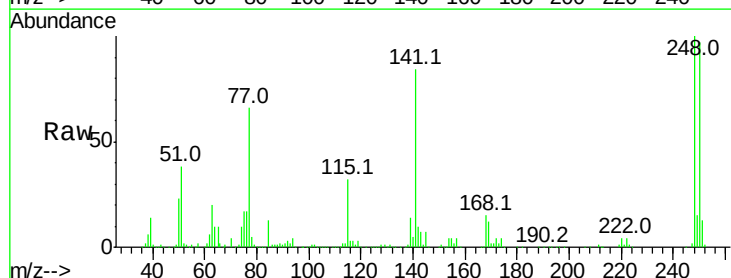
Tgt Ion:248 Resp: 496789

Ion Ratio Lower Upper

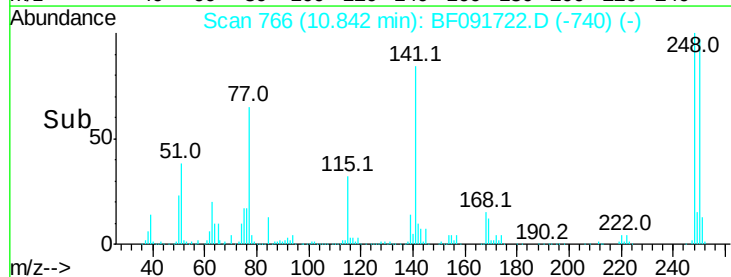
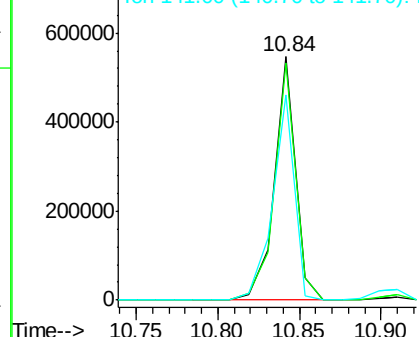
248 100

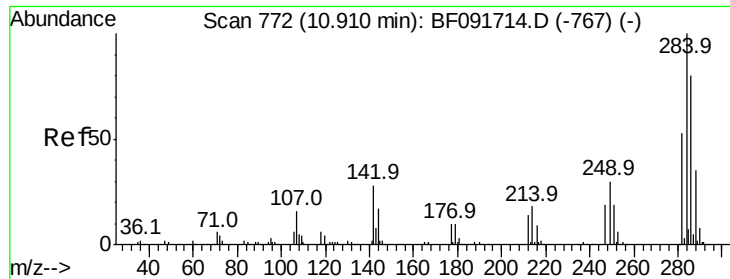
250 97.3 76.9 115.3

141 84.4 68.2 102.4



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





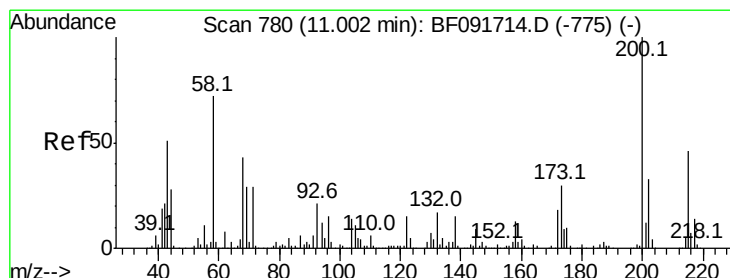
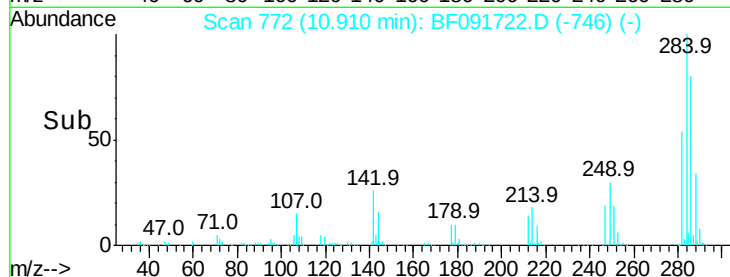
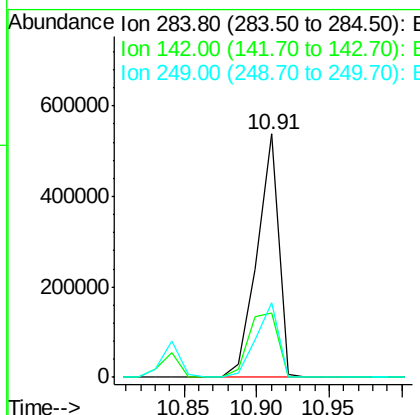
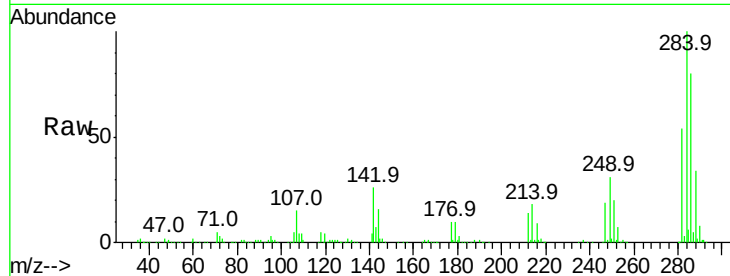
#67
Hexachlorobenzene
Concen: 47.83 ng
RT: 10.91 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Instrument :
BNA_F
ClientSampleId :
PB95408BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	26.4	22.6	33.8
249	30.8	25.4	38.0

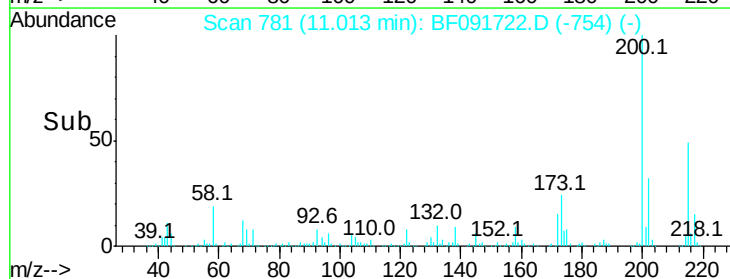
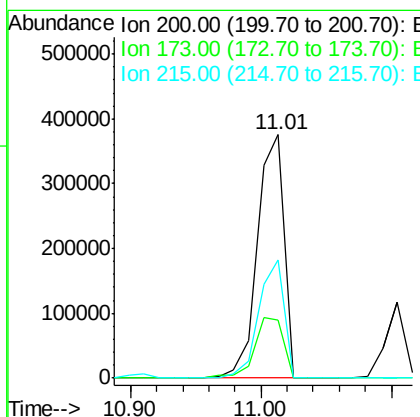
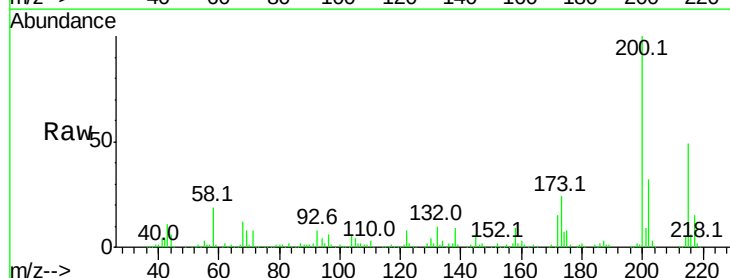
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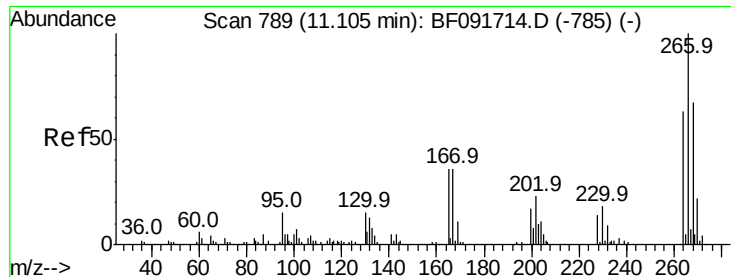
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#68
Atrazine
Concen: 53.56 ng
RT: 11.01 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	23.8	9.6	49.6
215	48.6	25.7	65.7





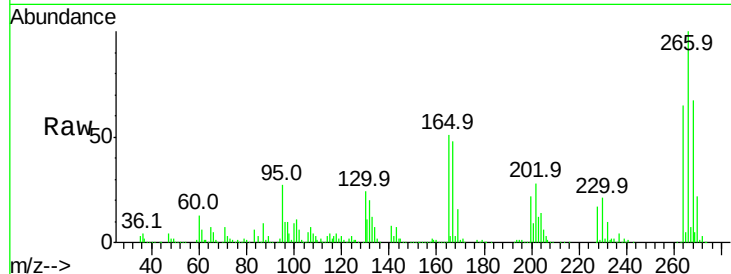
#69
 Pentachlorophenol
 Concen: 91.30 ng
 RT: 11.10 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

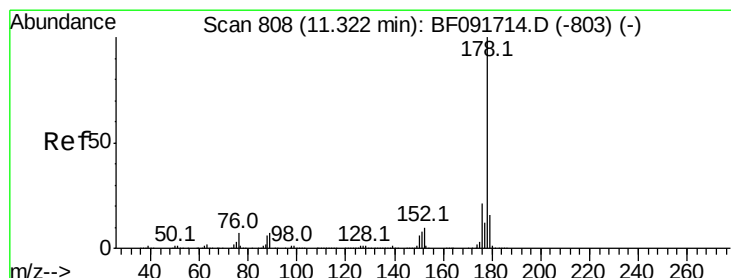
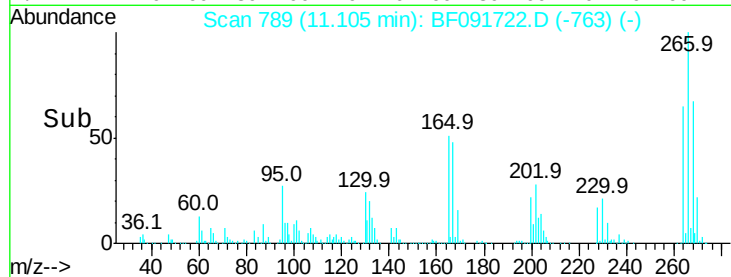
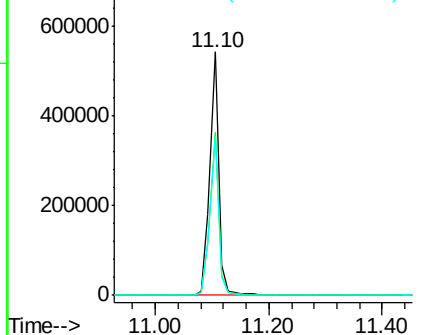
Tot Ion	Ratio	Resp	Lower	Upper
266	100	575466		
268	66.9		53.3	79.9
264	65.4		50.3	75.5

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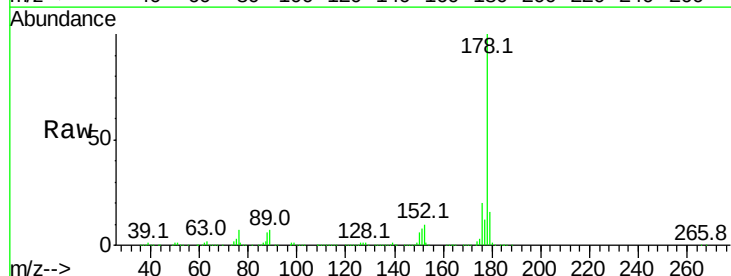


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

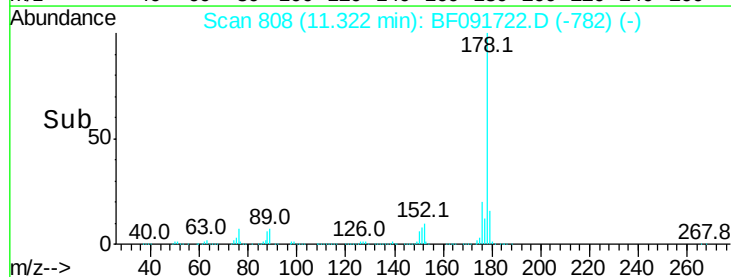
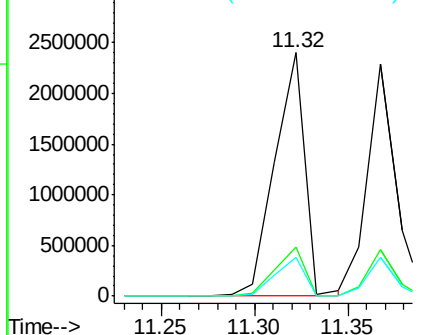


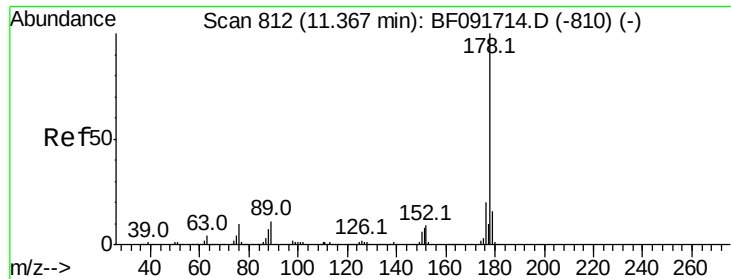
#70
 Phenanthrene
 Concen: 50.84 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2700092		
176	20.4		16.6	25.0
179	16.1		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: 42.00 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

Tot Ion:178 Resp: 2362950

Ion Ratio Lower Upper

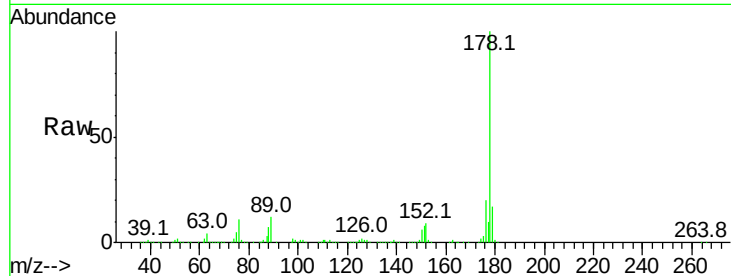
178 100

176 20.1 15.9 23.9

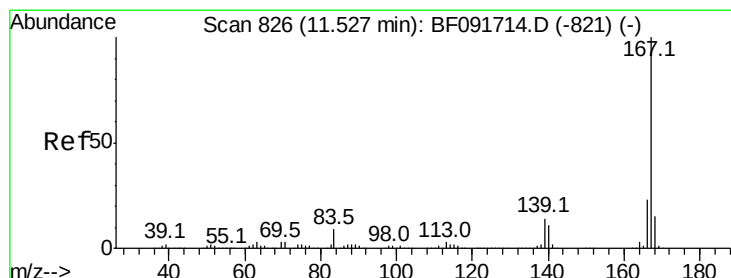
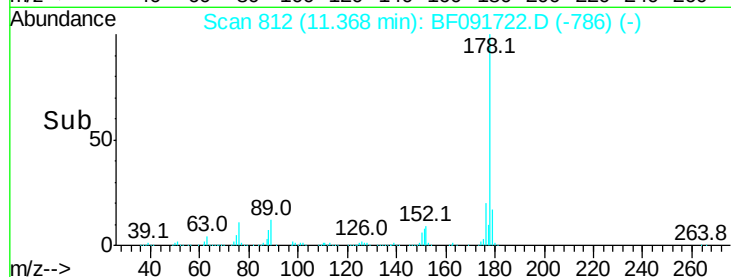
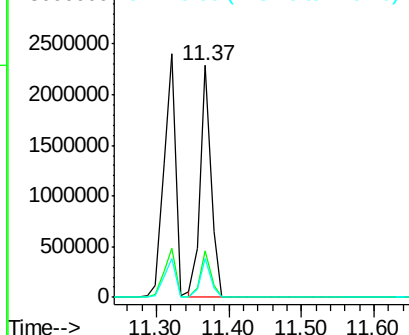
179 16.6 13.2 19.8

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



#72

Carbazole

Concen: 48.70 ng

RT: 11.53 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

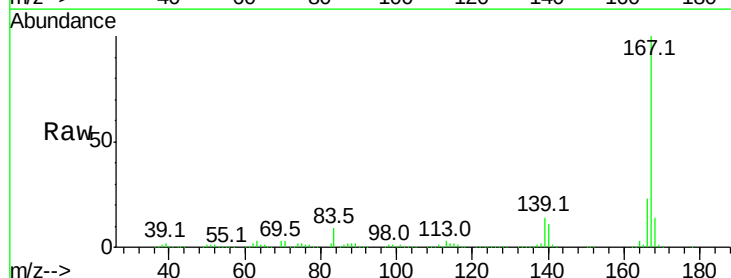
Tgt Ion:167 Resp: 2395613

Ion Ratio Lower Upper

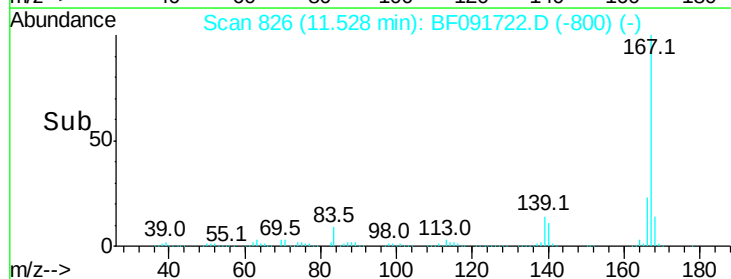
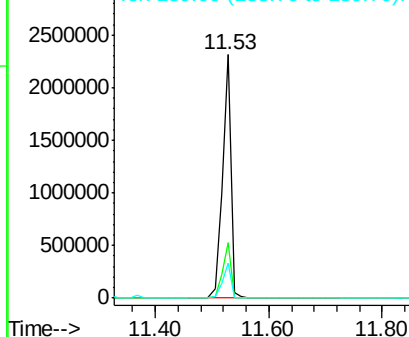
167 100

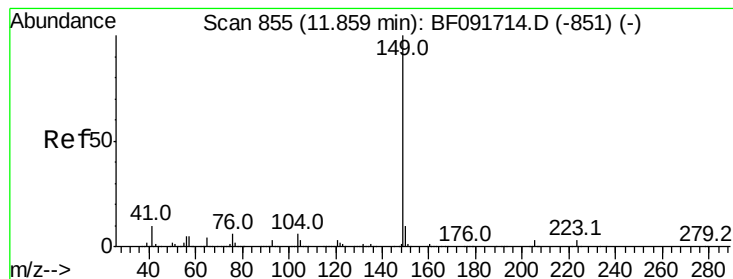
166 22.8 18.2 27.2

139 14.4 11.4 17.2



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





#73

Di-n-butylphthalate

Concen: 43.54 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

Tot Ion:149 Resp: 2746218

Ion Ratio Lower Upper

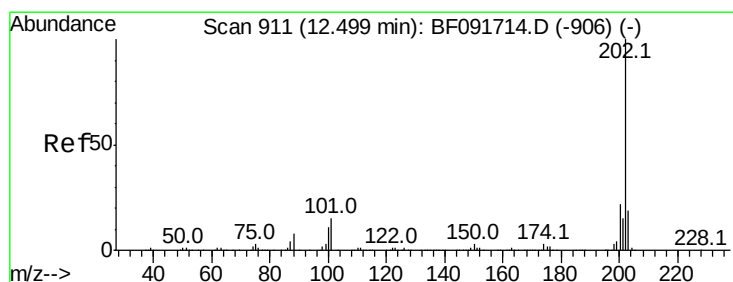
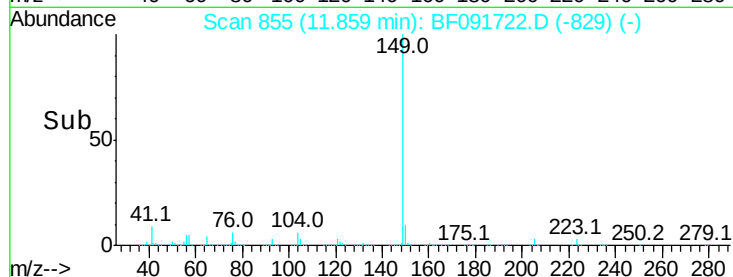
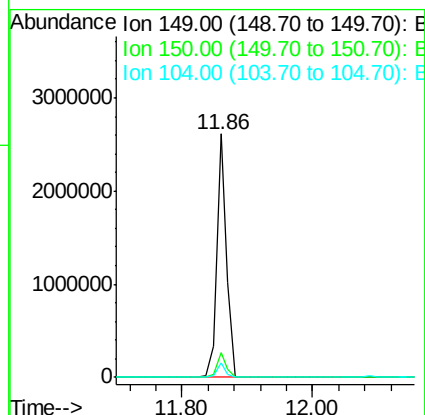
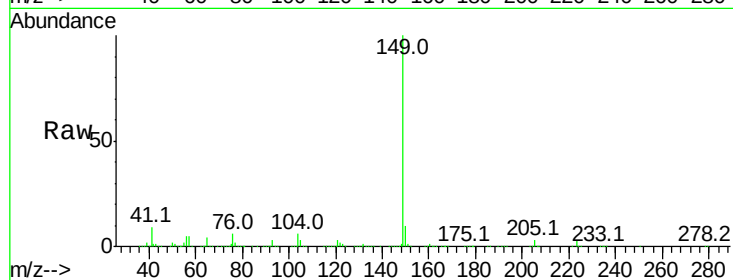
149 100

150 10.0 8.1 12.1

104 6.0 4.6 7.0

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#74

Fluoranthene

Concen: 43.60 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

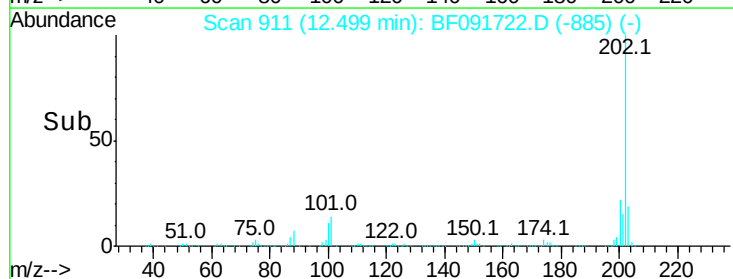
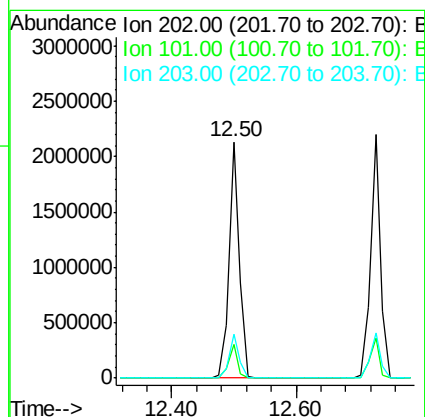
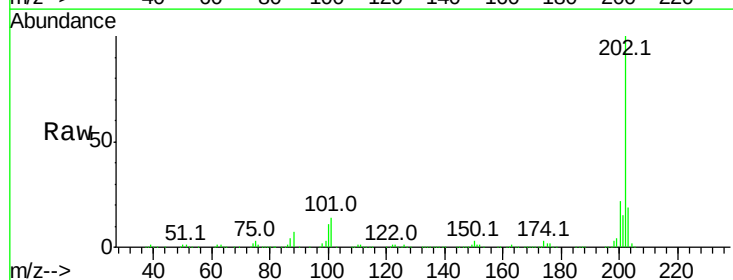
Tgt Ion:202 Resp: 2418570

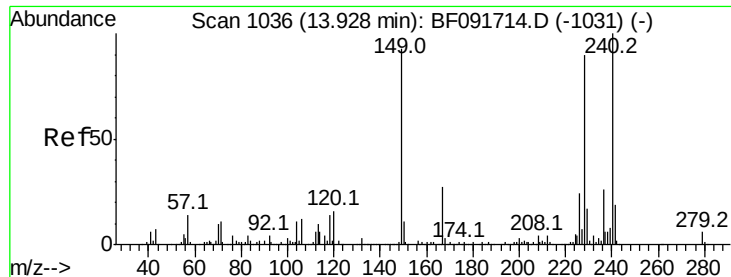
Ion Ratio Lower Upper

202 100

101 14.4 0.0 34.6

203 18.7 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

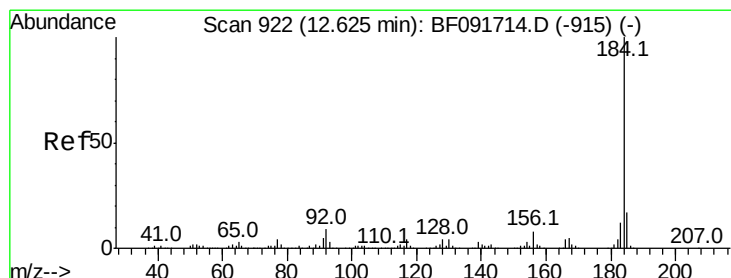
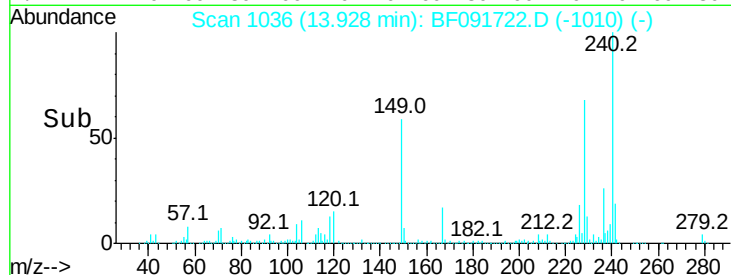
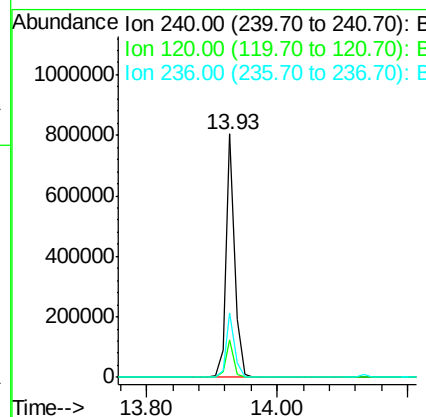
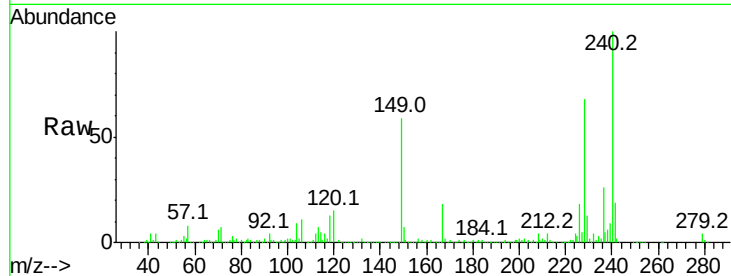
ClientSampleId :

PB95408BS

Tot Ion:	240	Resp:	762789
Ion Ratio	Lower	Upper	
240	100		
120	15.3	12.9	19.3
236	26.4	20.9	31.3

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#76

Benzidine

Concen: 45.01 ng

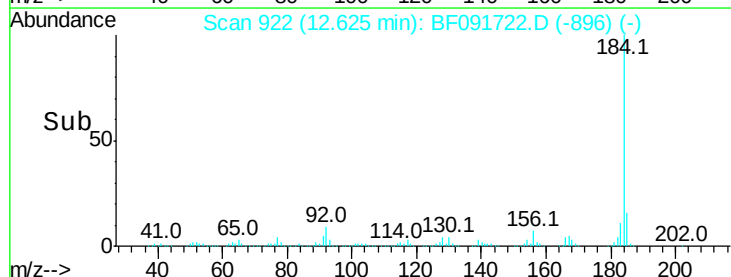
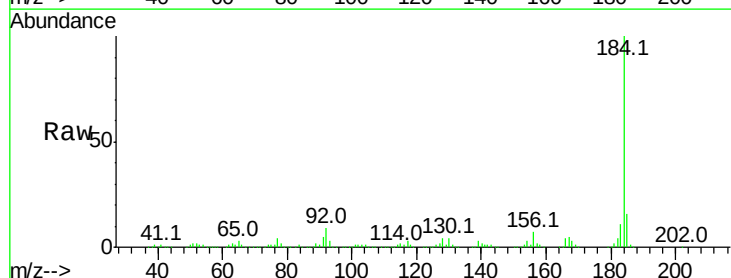
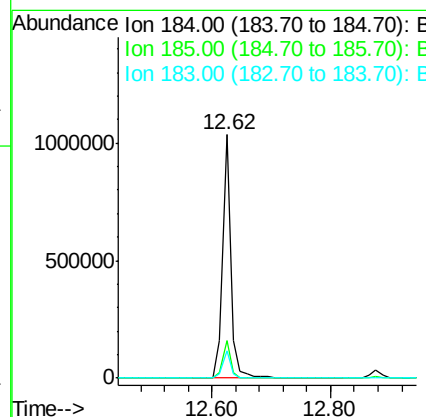
RT: 12.62 min Scan# 922

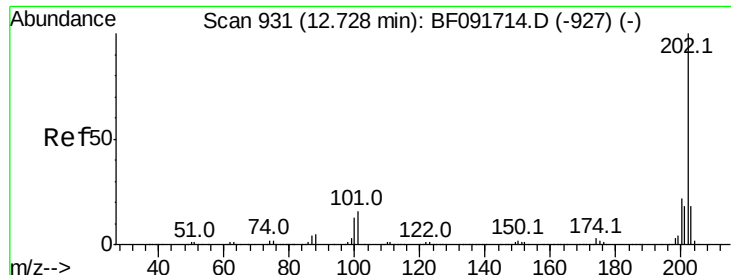
Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Tgt Ion:	184	Resp:	988233
Ion Ratio	Lower	Upper	
184	100		
185	15.6	13.4	20.0
183	11.4	9.2	13.8





#77

Pvrene

Concen: 43.52 ng

RT: 12.73 min Scan# 931

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampled :

PB95408BS

Tot Ion:202 Resp: 2397229

Ion Ratio Lower Upper

202 100

200 22.5 17.7 26.5

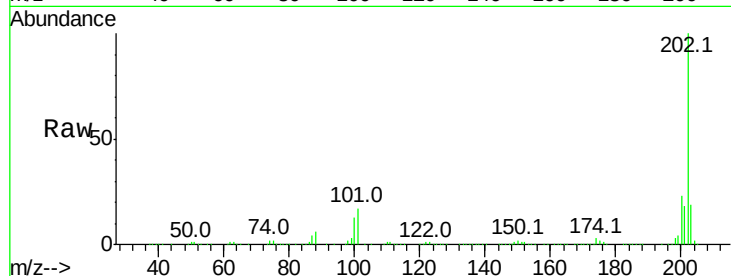
203 18.6 14.7 22.1

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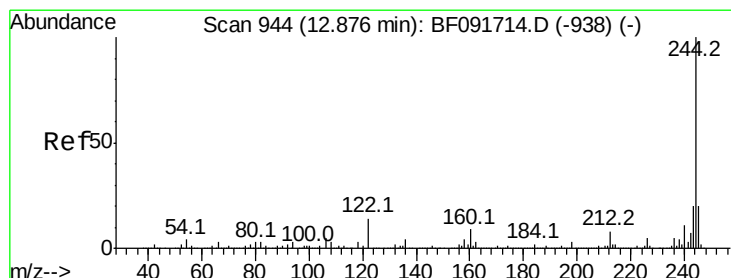
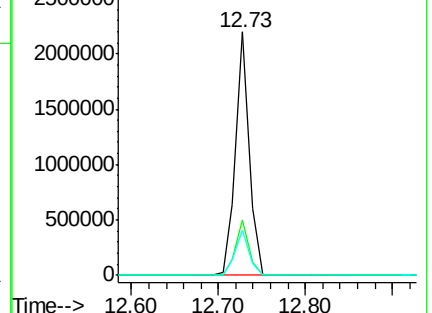
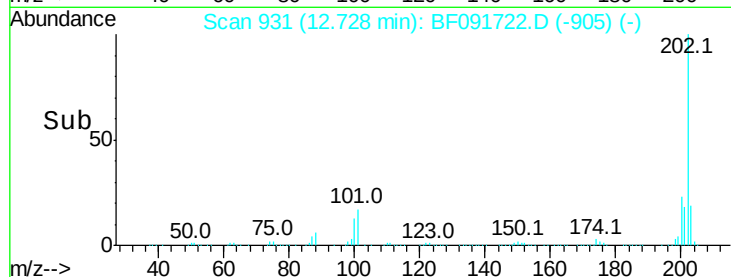
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.34 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

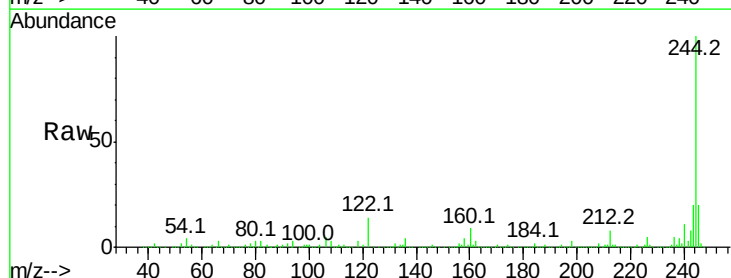
Tgt Ion:244 Resp: 2789550

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

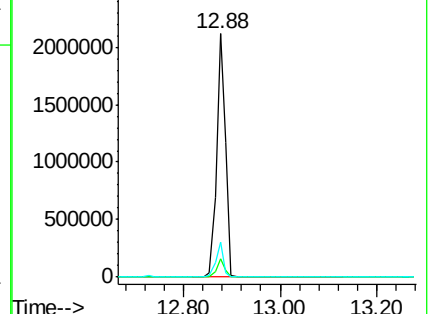
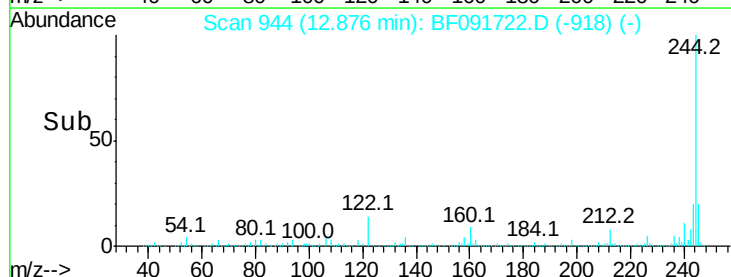
122 14.3 11.4 17.2

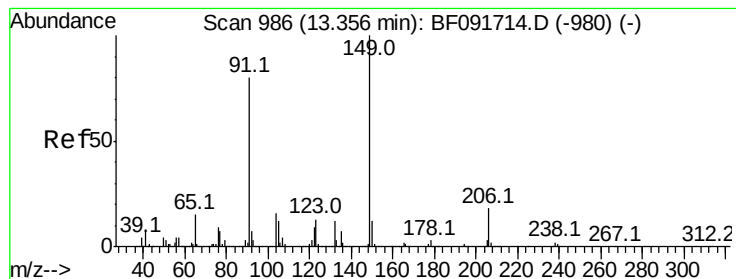


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.27 ng

RT: 13.36 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

Instrument :

BNA_F

ClientSampleId :

PB95408BS

Tot Ion:149 Resp: 1270418

Ion Ratio Lower Upper

149 100

91 77.4 63.9 95.9

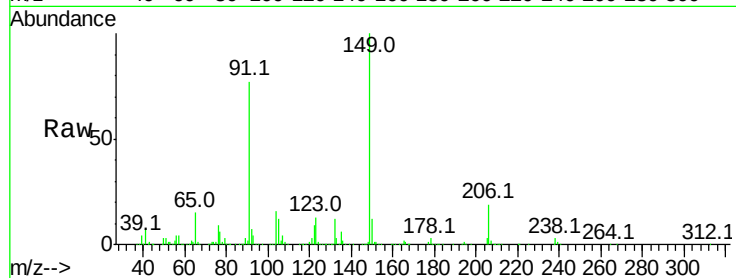
206 18.5 14.6 21.8

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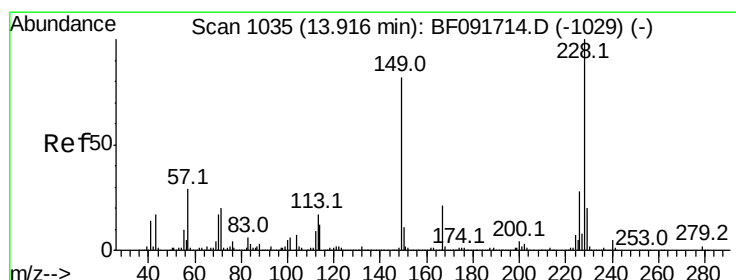
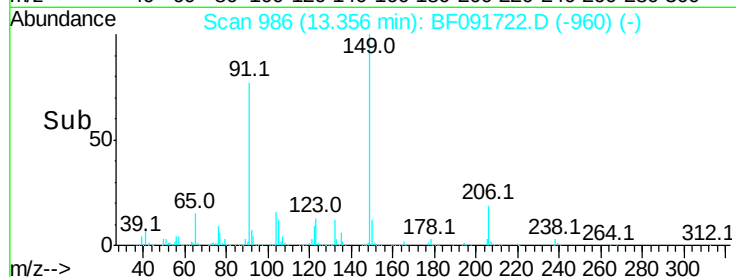
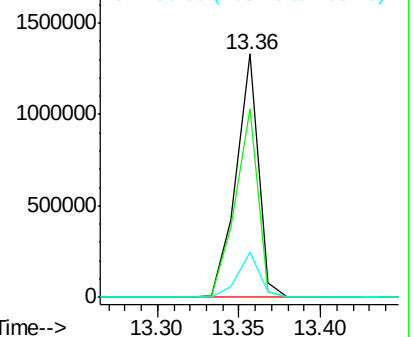
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.86 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF091722.D

Acq: 18 Dec 2016 00:44

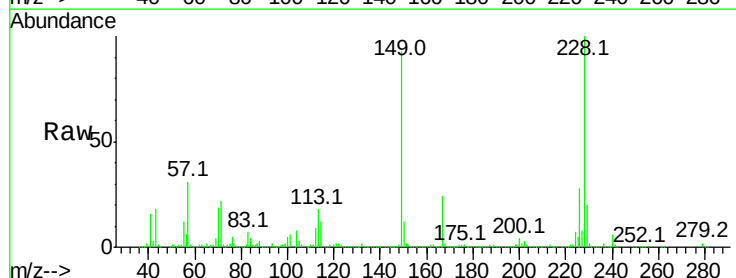
Tgt Ion:228 Resp: 2044536

Ion Ratio Lower Upper

228 100

226 27.9 22.4 33.6

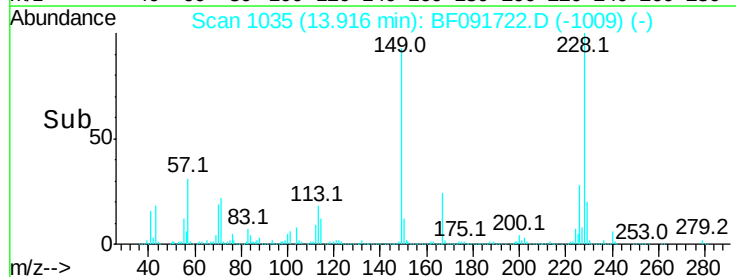
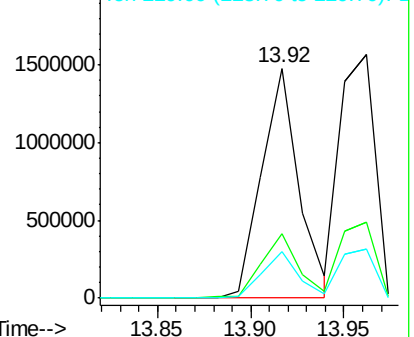
229 20.4 16.2 24.4

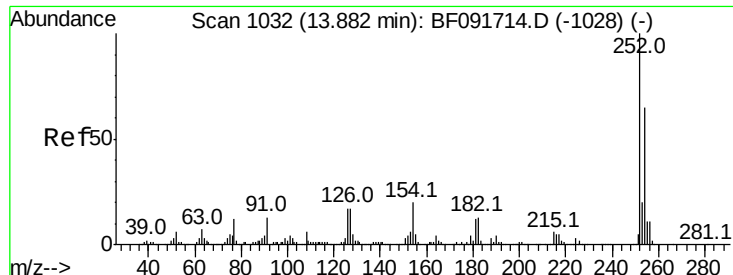


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





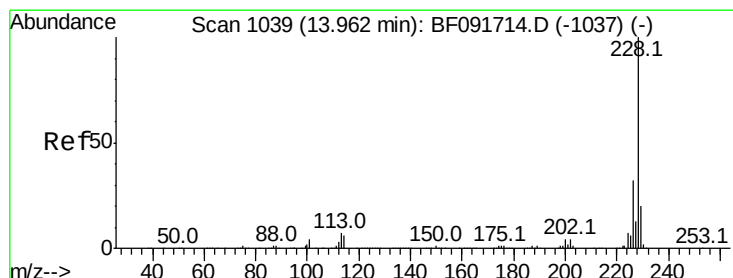
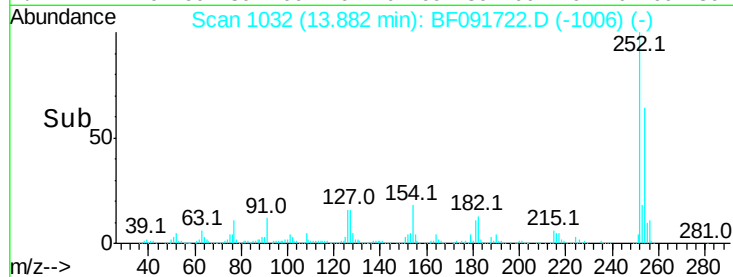
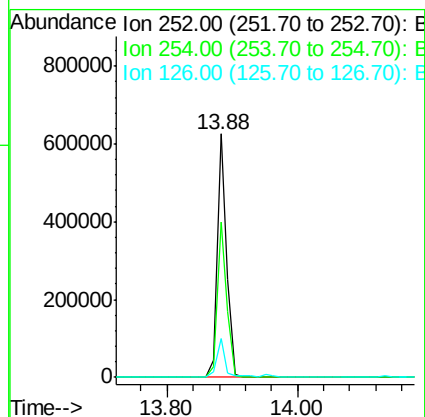
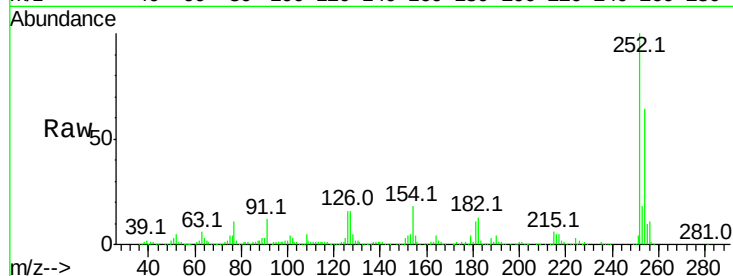
#81
 3,3'-Dichlorobenzidine
 Concen: 37.02 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	646351		
254	63.6	52.3	78.5	
126	15.9	13.6	20.4	

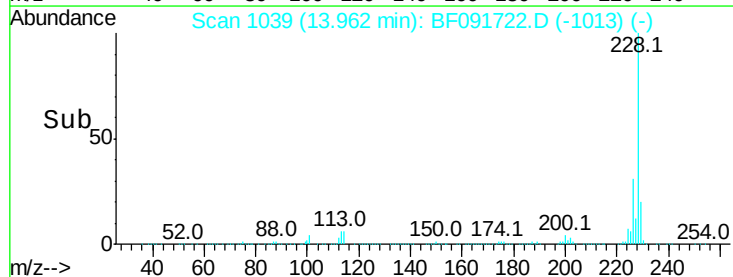
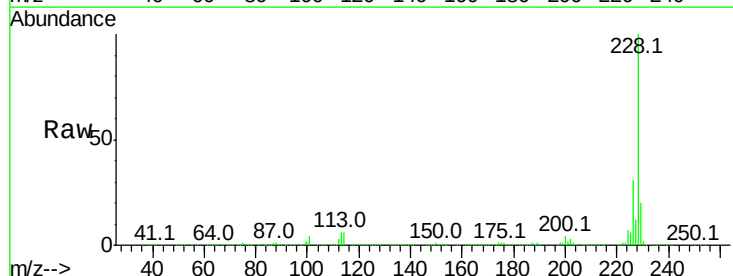
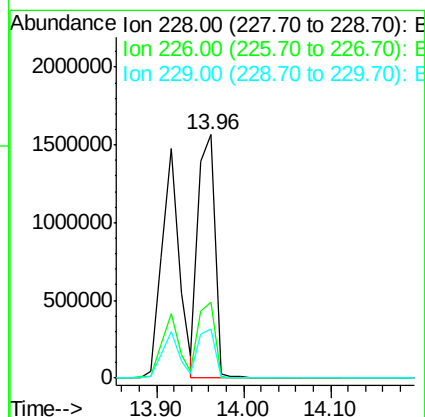
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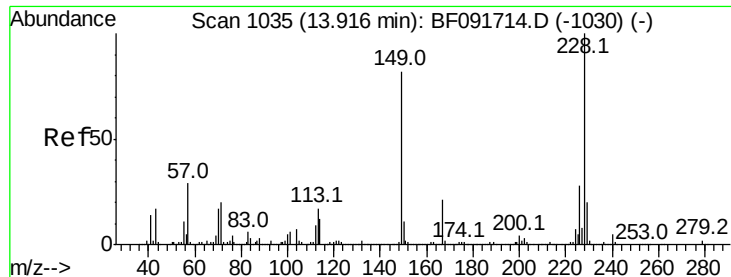
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#82
 Chrysene
 Concen: 45.82 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2072043		
226	30.9	25.4	38.0	
229	20.0	16.2	24.2	





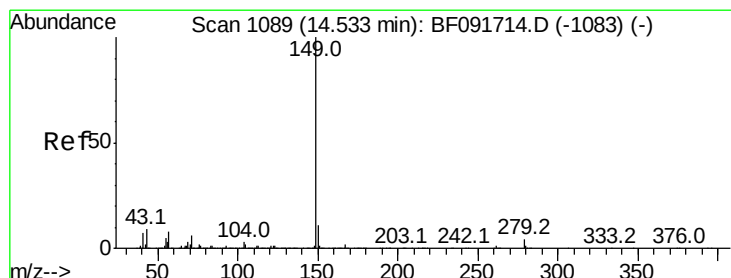
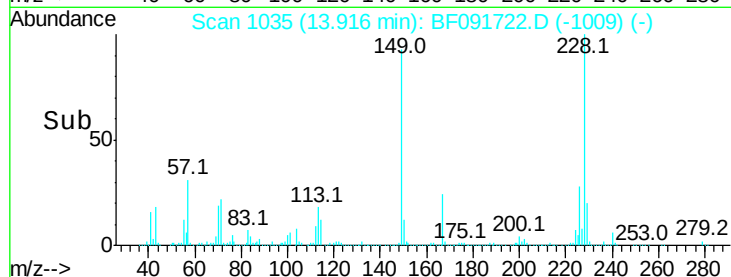
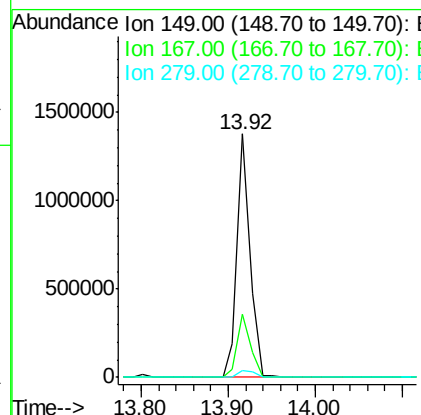
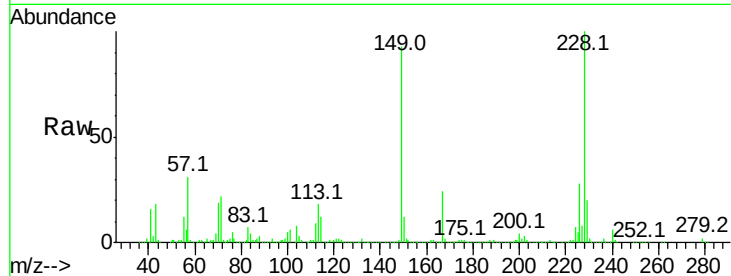
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.36 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.2	30.4
279	2.5	1.8	2.8

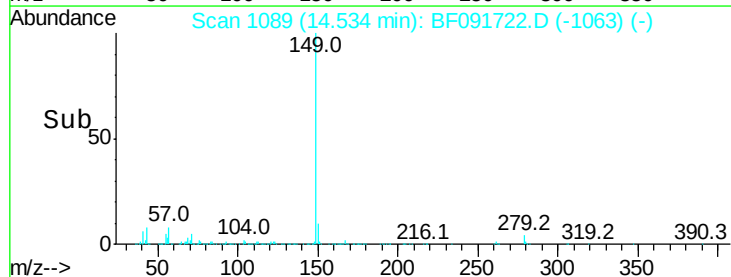
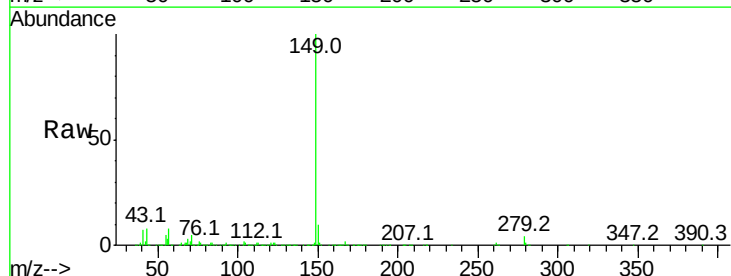
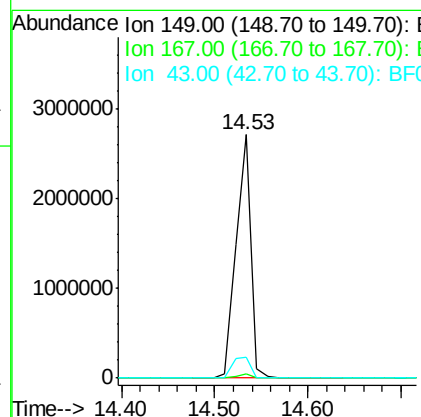
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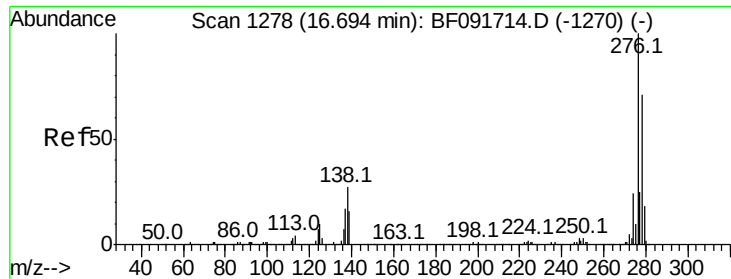
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#84
 Di-n-octyl phthalate
 Concen: 49.83 ng
 RT: 14.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

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





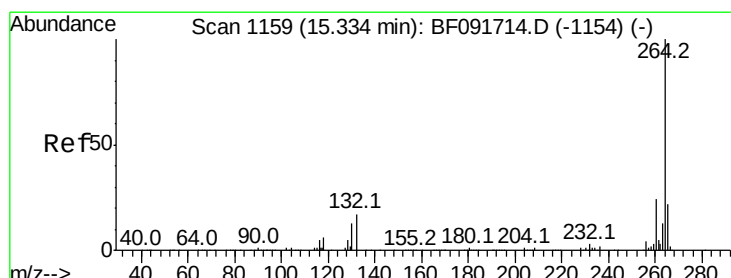
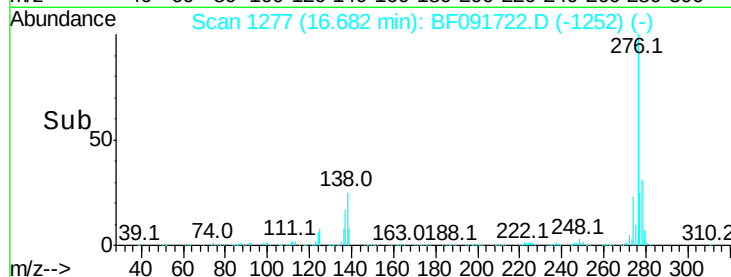
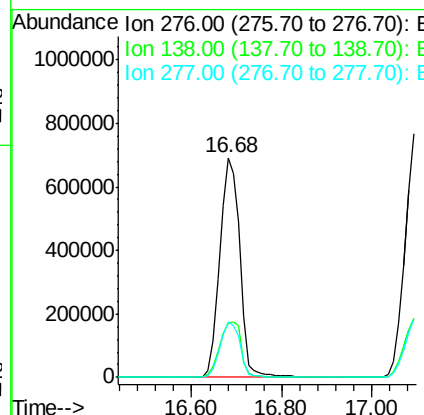
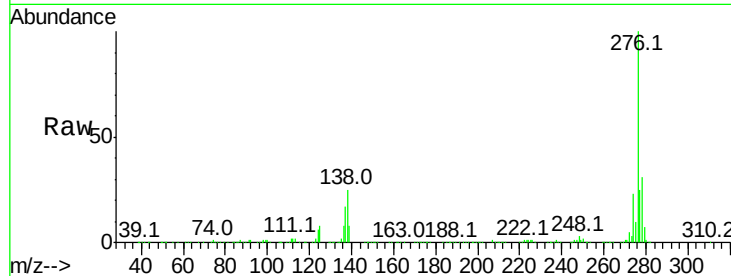
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.39 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Instrument :
BNA_F
ClientSampleId :
PB95408BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.8	32.6
277	25.3	20.2	30.4

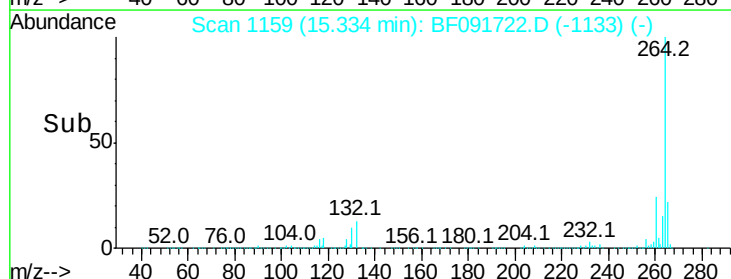
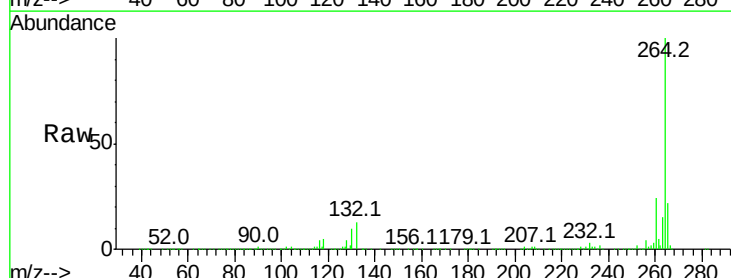
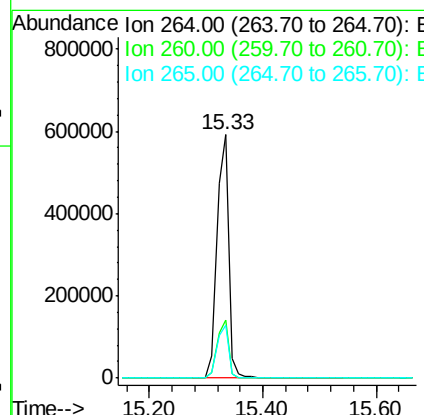
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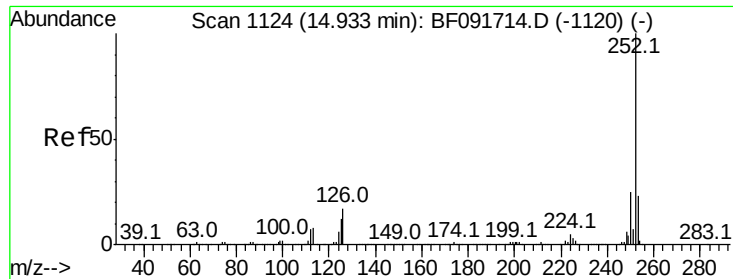
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.4	26.0





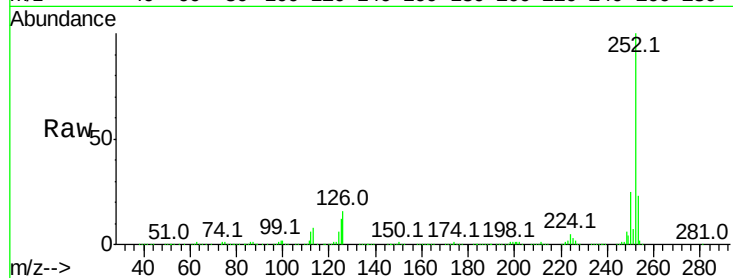
#87
Benzo(b)fluoranthene
Concen: 53.18 ng m
RT: 14.93 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Instrument :
BNA_F
ClientSampleId :
PB95408BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	12.3	9.8	14.6

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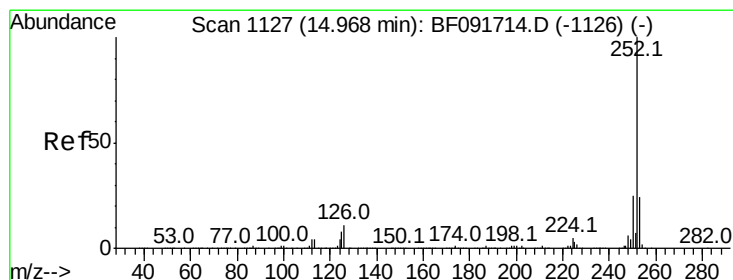
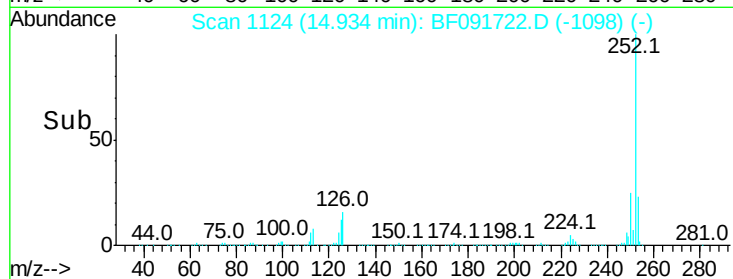
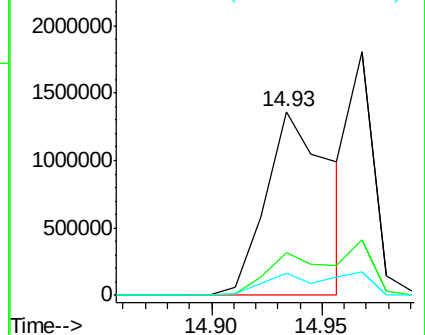


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 37.92 ng m
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

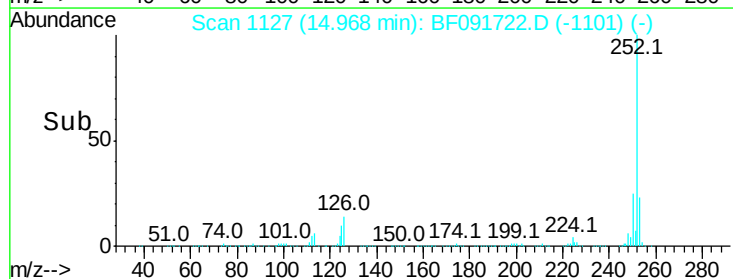
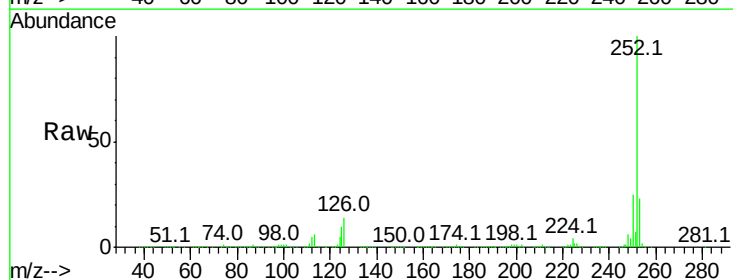
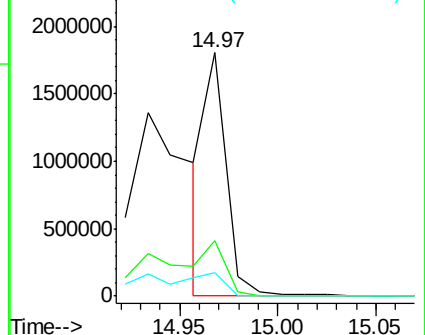
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	9.7	8.9	13.3

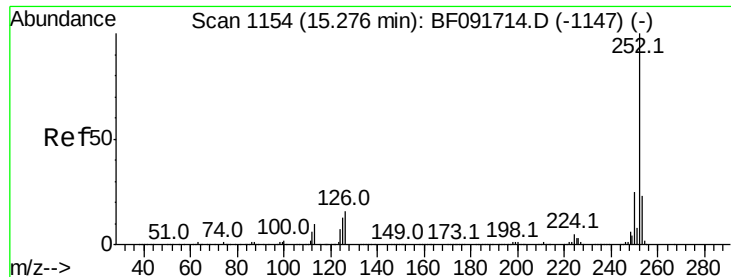
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





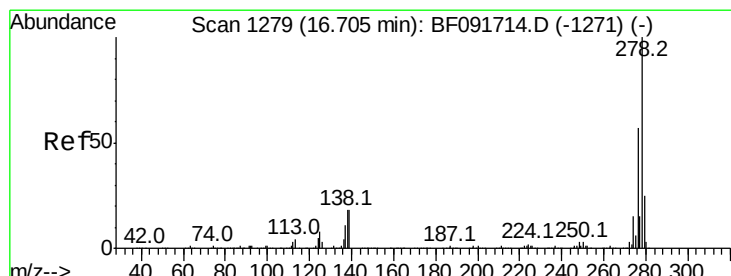
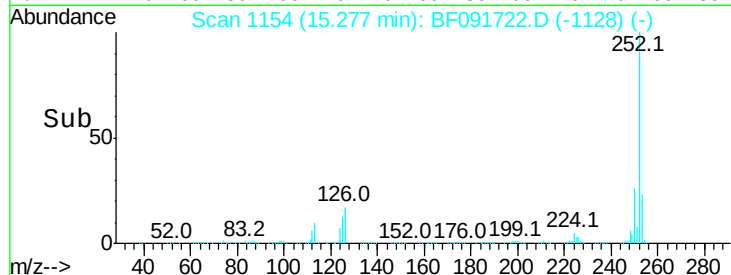
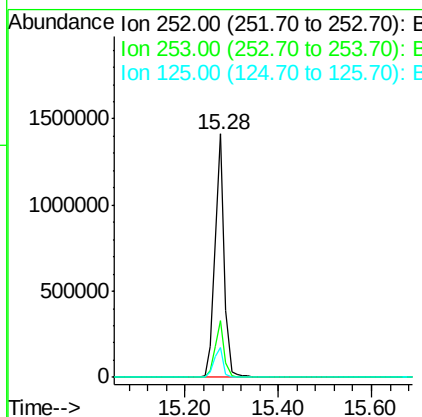
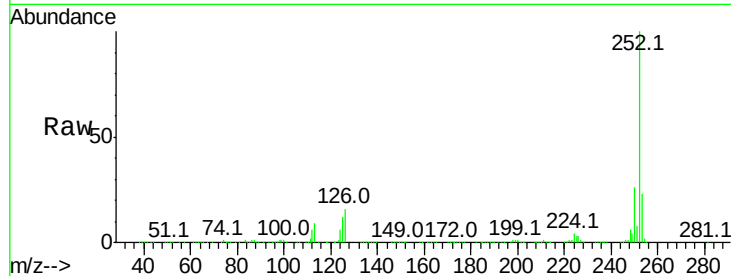
#89
Benzo(a)pyrene
Concen: 44.12 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Instrument :
BNA_F
ClientSampleId :
PB95408BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	12.4	10.0	15.0

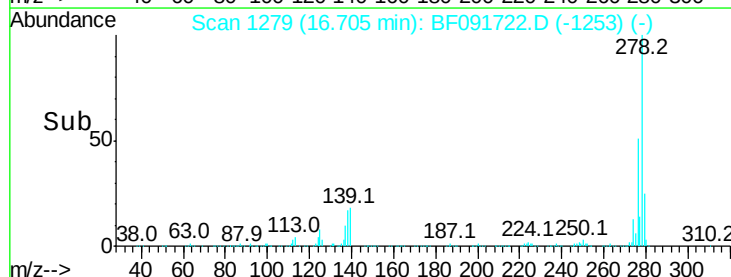
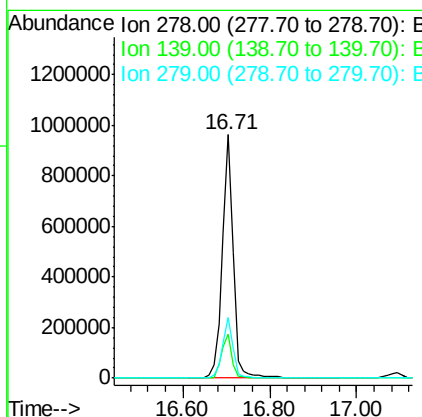
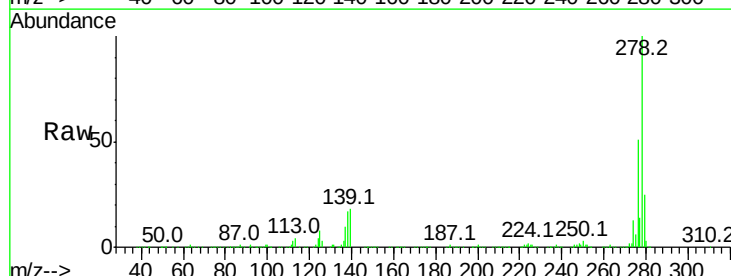
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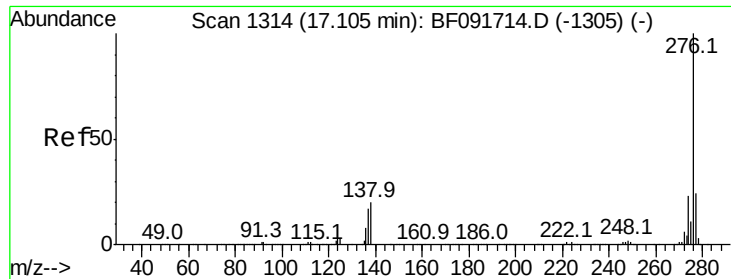
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#90
Dibenzo(a,h)anthracene
Concen: 44.16 ng
RT: 16.71 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF091722.D
Acq: 18 Dec 2016 00:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.8	22.2
279	24.8	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 45.27 ng
 RT: 17.09 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF091722.D
 Acq: 18 Dec 2016 00:44

Instrument :
 BNA_F
 ClientSampleId :
 PB95408BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	24.3	16.0	24.0

Manual Integrations
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