

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088152.D
 Acq On : 19 Jun 2016 00:24
 Operator : UM/SJ
 Sample : PB91406BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91406BS

Manual Integrations
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 6/20/2016 6:57:04 PM

Quant Time: Jun 20 06:35:27 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	95500	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	365835	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	147951	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	227432	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	151357	20.00	ng	-0.02
86) Perylene-d12	15.21	264	131014	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	654624	117.18	ng	0.01
7) Phenol-d6	6.35	99	826115	122.02	ng	0.00
23) Nitrobenzene-d5	7.26	82	456223	72.82	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	128725	82.40	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	887794	94.91	ng	-0.02
78) Terphenyl-d14	12.79	244	643559	96.75	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.27	88	96119	35.41	ng	# 37
3) Pyridine	2.94	79	266699	41.61	ng	93
4) n-Nitrosodimethylamine	2.89	42	104146	38.37	ng	83
6) Aniline	6.35	93	131768	13.67	ng	# 4
8) 2-Chlorophenol	6.48	128	286505	43.33	ng	87
10) Phenol	6.36	94	312223	44.65	ng	98
11) bis(2-Chloroethyl)ether	6.43	93	263761	44.43	ng	85
12) 1,3-Dichlorobenzene	6.63	146	307635m	43.36	ng	
13) 1,4-Dichlorobenzene	6.71	146	306199	42.85	ng	96
14) 1,2-Dichlorobenzene	6.86	146	273701m	42.11	ng	
15) Benzyl Alcohol	6.84	79	184045	34.75	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	303949	37.90	ng	73
17) 2-Methylphenol	6.97	107	219812	40.99	ng	# 94
18) Hexachloroethane	7.20	117	94952	37.44	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	187124	43.21	ng	# 81
20) 3+4-Methylphenols	7.12	107	286866	45.85	ng	# 79
22) Acetophenone	7.11	105	377664	46.19	ng	# 97
24) Nitrobenzene	7.28	77	276110	45.50	ng	96
25) Isophorone	7.52	82	490533	42.27	ng	98
26) 2-Nitrophenol	7.60	139	102088	31.40	ng	# 72
27) 2,4-Dimethylphenol	7.64	122	230640	38.53	ng	93
28) bis(2-Chloroethoxy)methane	7.74	93	345958	48.07	ng	# 97
29) 2,4-Dichlorophenol	7.85	162	202754	40.57	ng	90
30) 1,2,4-Trichlorobenzene	7.92	180	234018	43.01	ng	99
31) Naphthalene	8.00	128	786660	43.45	ng	99
32) Benzoic acid	7.77	122	56409	17.12	ng	97
33) 4-Chloroaniline	8.06	127	83412	10.32	ng	# 92
34) Hexachlorobutadiene	8.11	225	122085	42.54	ng	99
35) Caprolactam	8.43	113	61934	37.42	ng	87
36) 4-Chloro-3-methylphenol	8.56	107	204897	38.34	ng	89
37) 2-Methylnaphthalene	8.68	142	466597	39.10	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	211962	64.24	ng	# 1
40) Hexachlorocyclopentadiene	8.83	237	23567	9.88	ng	100
42) 2,4,6-Trichlorophenol	8.98	196	124348	42.03	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	117760	38.26	nq	99
45) 1,1'-Biphenyl	9.15	154	572894	52.64	nq	98
46) 2-Chloronaphthalene	9.18	162	435069	45.44	nq	98
47) 2-Nitroaniline	9.28	65	125778	44.53	nq	# 85
48) Acenaphthylene	9.59	152	652656	42.86	nq	99
49) Dimethylphthalate	9.46	163	552488	51.55	nq	99
50) 2,6-Dinitrotoluene	9.52	165	90900	37.04	nq	# 68
51) Acenaphthene	9.76	154	389210	40.97	nq	99
52) 3-Nitroaniline	9.69	138	116628	41.18	nq	89
53) 2,4-Dinitrophenol	9.80	184	8297	10.44	nq	91
54) Dibenzofuran	9.93	168	557052	42.58	nq	92
55) 4-Nitrophenol	9.87	139	86108	39.17	nq	88
56) 2,4-Dinitrotoluene	9.92	165	96555	30.61	nq	# 50
57) Fluorene	10.27	166	427122	48.71	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	88712	36.67	nq	# 61
59) Diethylphthalate	10.16	149	519772	47.91	nq	98
60) 4-Chlorophenyl-phenylether	10.26	204	174172	40.03	nq	93
61) 4-Nitroaniline	10.31	138	113190	42.13	nq	82
62) Azobenzene	10.42	77	438725	40.90	nq	96
64) 4,6-Dinitro-2-methylphenol	10.33	198	10466	9.20	nq	92
65) n-Nitrosodiphenylamine	10.39	169	377610	50.04	nq	99
66) 4-Bromophenyl-phenylether	10.75	248	123389	50.57	nq	96
67) Hexachlorobenzene	10.82	284	117459	46.33	nq	# 71
68) Atrazine	10.91	200	88655	38.79	nq	91
69) Pentachlorophenol	11.02	266	65007	48.65	nq	96
70) Phenanthrene	11.22	178	546670	45.81	nq	99
71) Anthracene	11.28	178	580594	48.23	nq	99
72) Carbazole	11.44	167	536795	47.65	nq	99
73) Di-n-butylphthalate	11.77	149	661470	46.38	nq	100
74) Fluoranthene	12.41	202	554227	44.01	nq	98
76) Benzdine	12.54	184	198911	47.46	nq	98
77) Pyrene	12.64	202	561792	50.02	nq	99
79) Butylbenzylphthalate	13.26	149	262878	52.94	nq	# 83
80) Benzo(a)anthracene	13.82	228	414693	48.08	nq	99
81) 3,3'-Dichlorobenzidine	13.79	252	118111	50.92	nq	99
82) Chrysene	13.86	228	442978	54.59	nq	97
83) Bis(2-ethylhexyl)phthalate	13.82	149	347014	57.41	nq	98
84) Di-n-octyl phthalate	14.43	149	645536	65.72	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.51	276	337806	44.81	nq	# 100
87) Benzo(b)fluoranthene	14.83	252	409425m	44.84	nq	
88) Benzo(k)fluoranthene	14.86	252	331512m	48.13	nq	
89) Benzo(a)pyrene	15.15	252	346128	46.85	nq	99
90) Dibenzo(a,h)anthracene	16.53	278	285516	41.61	nq	98
91) Benzo(g,h,i)perylene	16.90	276	286074	40.53	nq	99

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

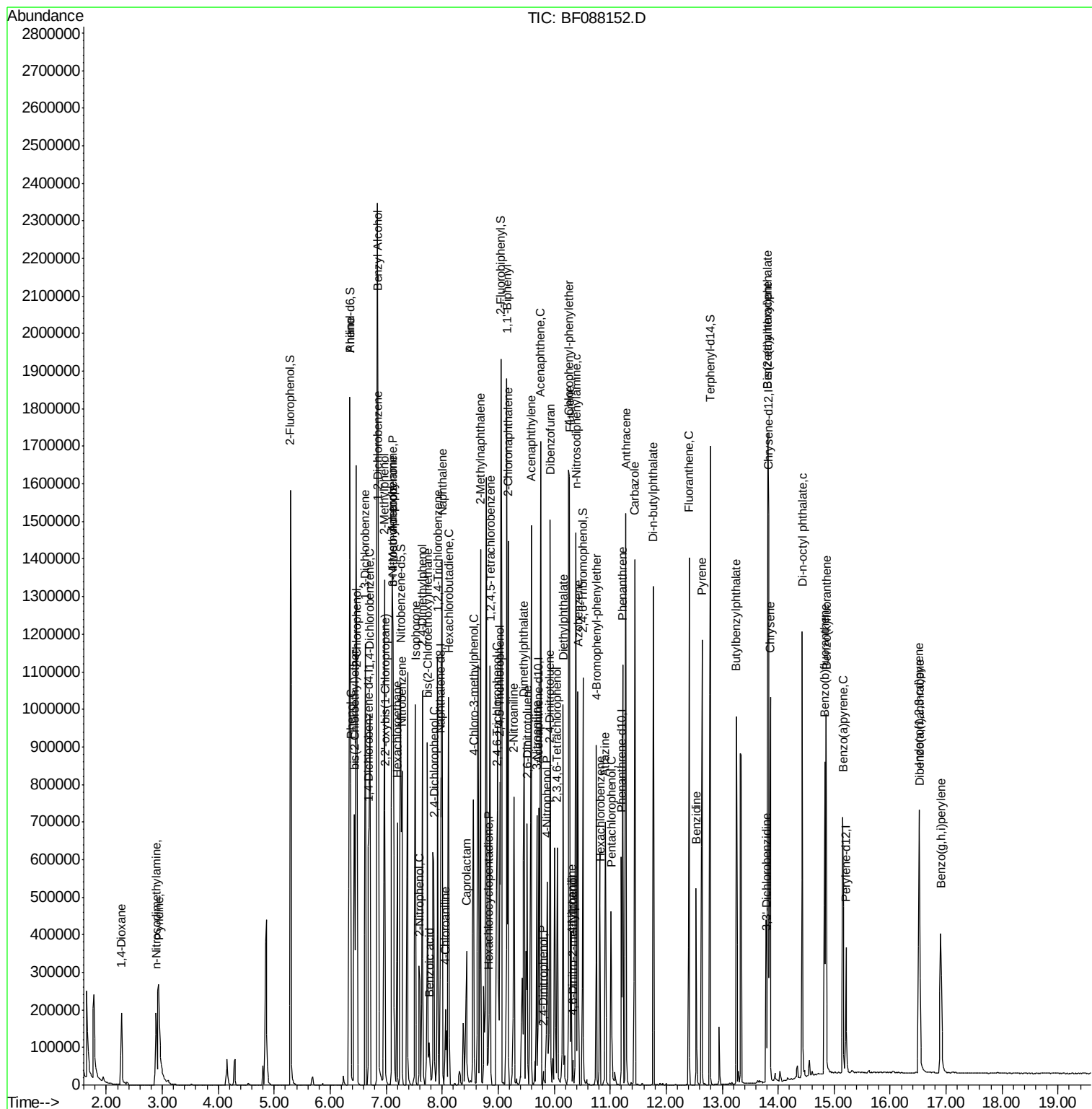
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
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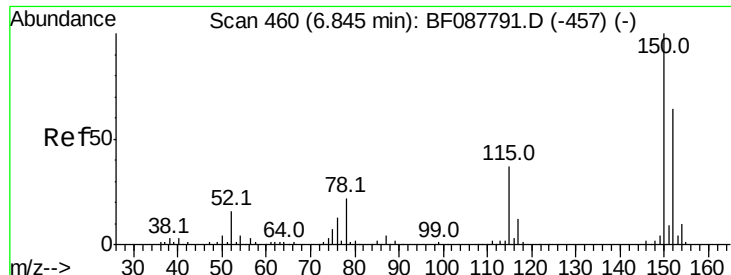
Instrument :
BNA_F
ClientSampleId :
PB91406BS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

Tot Ion:152 Resp: 95500

Ion Ratio Lower Upper

152 100

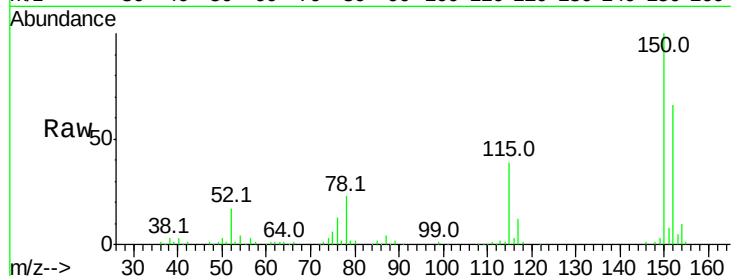
150 152.7 123.8 185.6

115 59.5 39.6 59.4#

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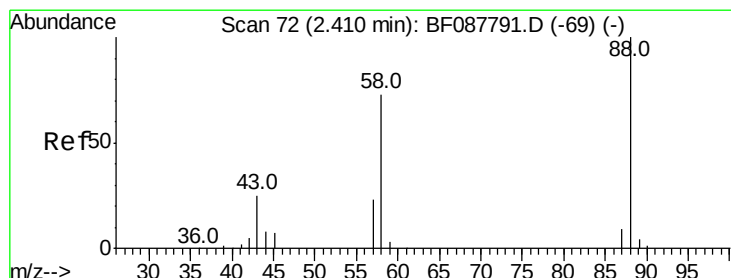
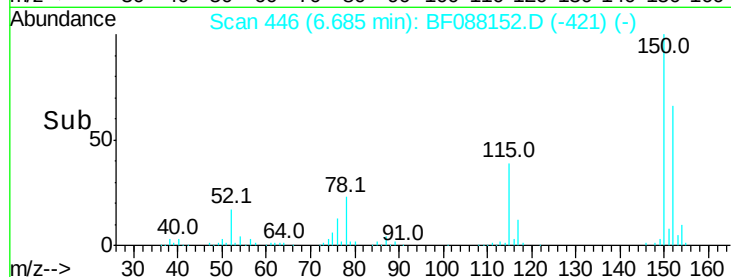
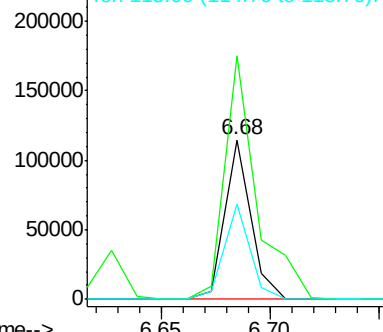
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.41 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.09 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

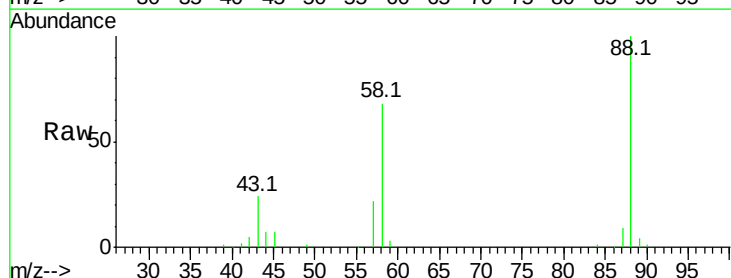
Tgt Ion: 88 Resp: 96119

Ion Ratio Lower Upper

88 100

58 72.0 0.0 0.0#

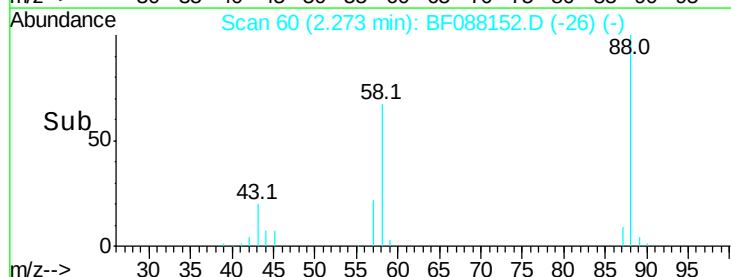
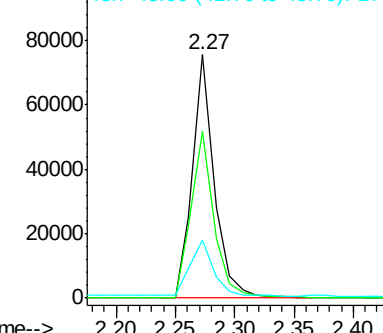
43 24.9 3.4 5.2#

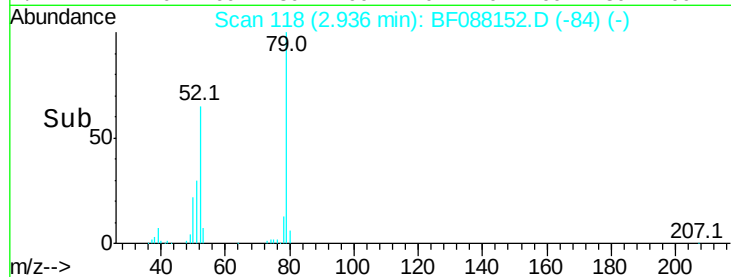
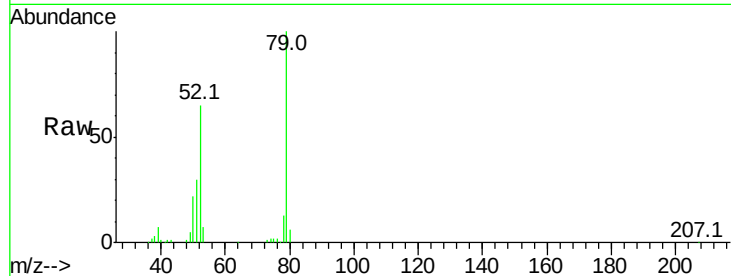
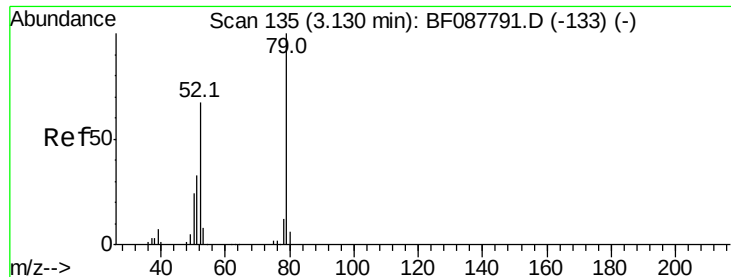


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





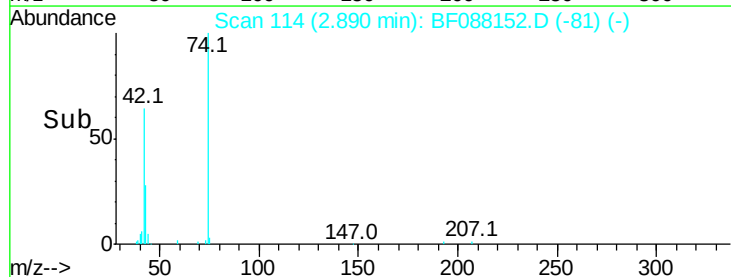
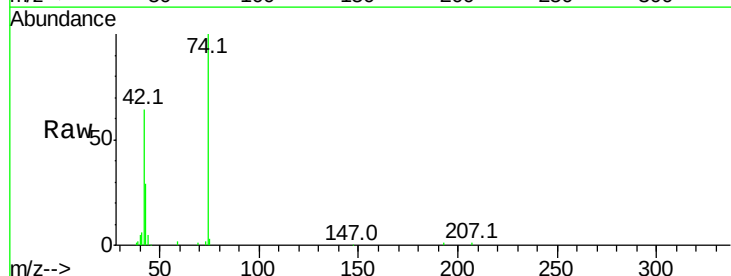
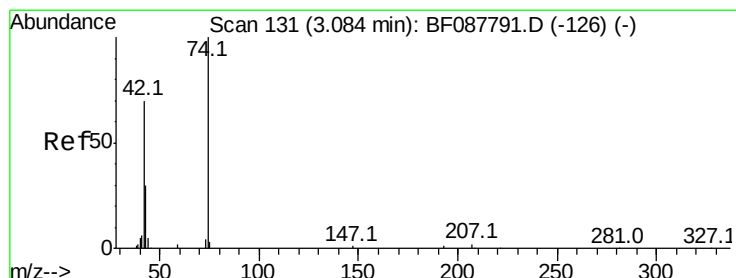
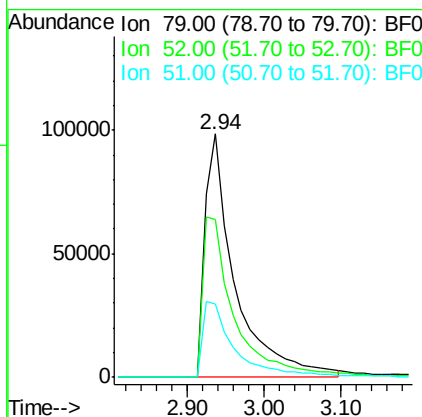
#3
 Pvrindine
 Concen: 41.61 ng
 RT: 2.94 min Scan# 118
 Delta R.T. 0.09 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Tot Ion	79	Resp	266699
Ion Ratio	Lower	Upper	
79	100		
52	64.6	56.3	84.5
51	29.9	27.4	41.2

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 PB91406BS

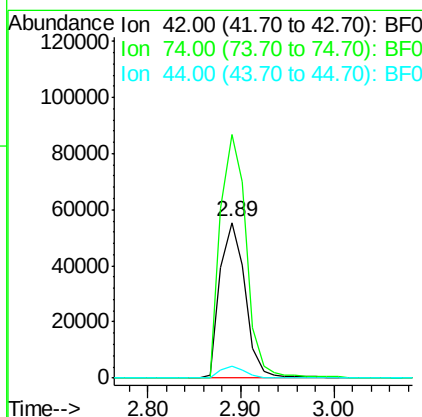
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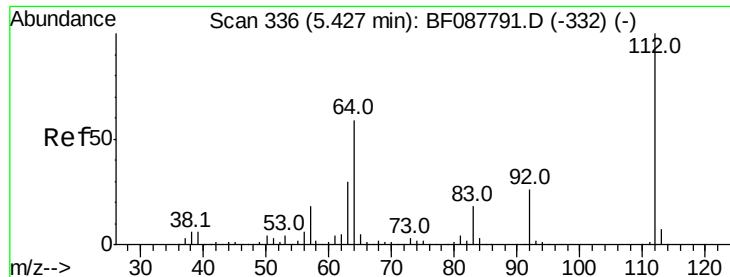
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#4
 n-Nitrosodimethylamine
 Concen: 38.37 ng
 RT: 2.89 min Scan# 114
 Delta R.T. 0.08 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Tgt Ion	42	Resp	104146
Ion Ratio	Lower	Upper	
42	100		
74	156.7	108.6	163.0
44	7.3	5.5	8.3





#5

2-Fluorophenol

Concen: 117.18 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

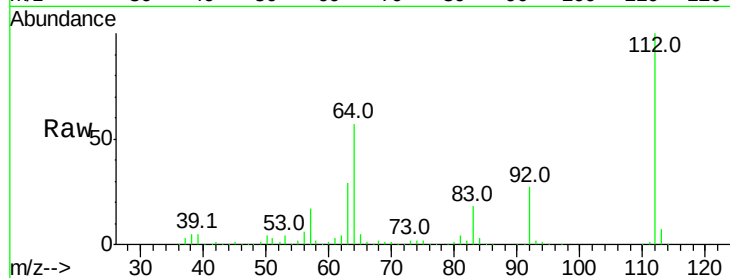
ClientSampleId :

PB91406BS

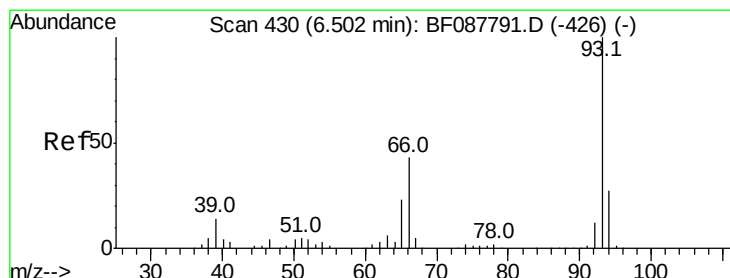
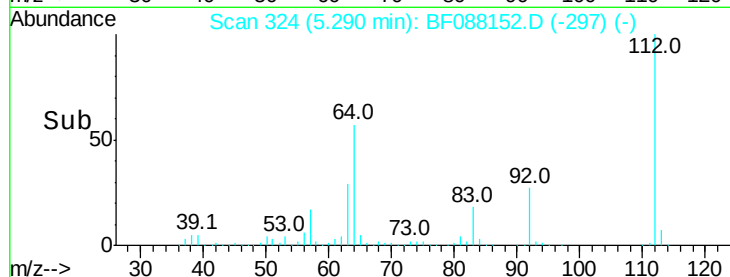
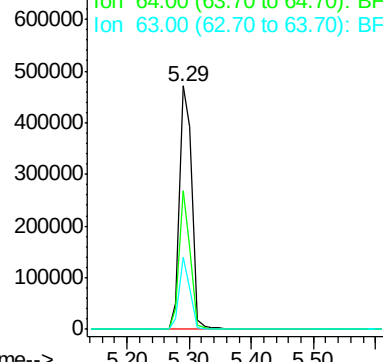
Tot Ion:	112	Resp:	654624
Ion Ratio	Lower	Upper	
112	100		
64	56.8	42.2	63.2
63	29.4	21.8	32.8

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Abundance Ion 112.00 (111.70 to 112.70): BF088152.D (-297) (-)



#6

Aniline

Concen: 13.67 ng

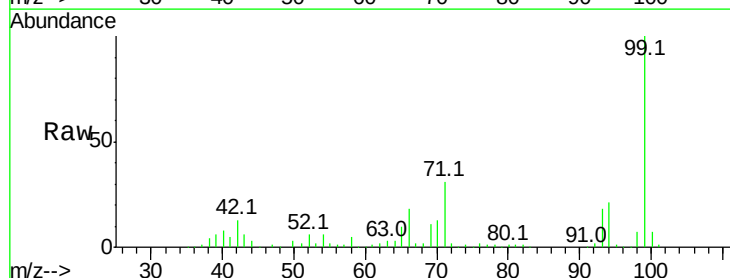
RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

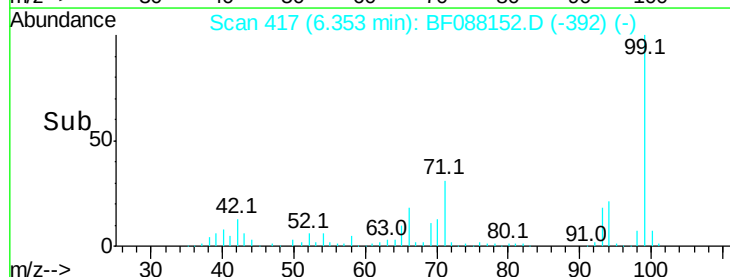
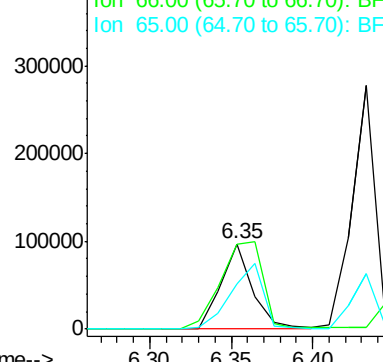
Lab File: BF088152.D

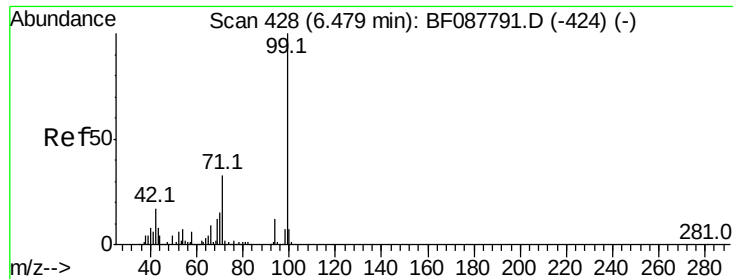
Acq: 19 Jun 2016 00:24

Tgt Ion:	93	Resp:	131768
Ion Ratio	Lower	Upper	
93	100		
66	100.4	29.8	44.8#
65	52.8	14.9	22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF088152.D (-392) (-)





#7

Phenol-d6

Concen: 122.02 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

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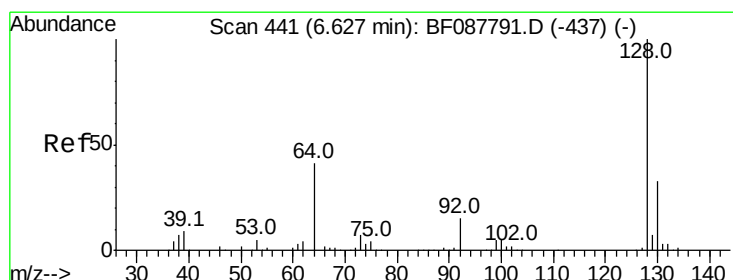
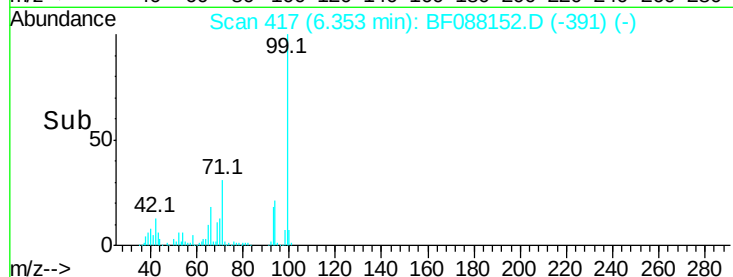
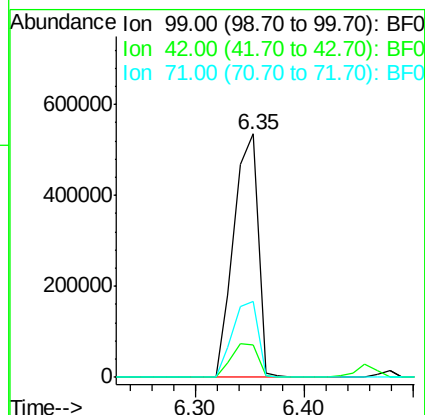
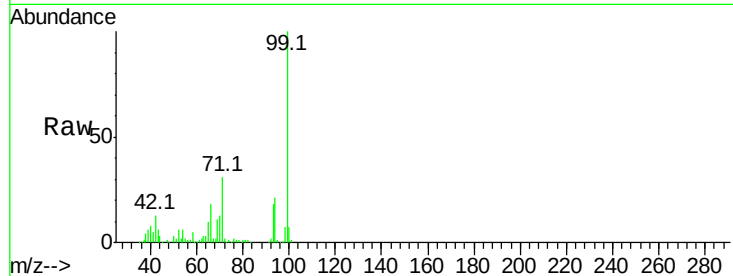
ClientSampleId :

PB91406BS

Tot Ion	99	Resp	826115
Ion Ratio	Lower	Upper	
99	100		
42	13.2	12.2	18.2
71	31.1	23.4	35.0

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#8

2-Chlorophenol

Concen: 43.33 ng

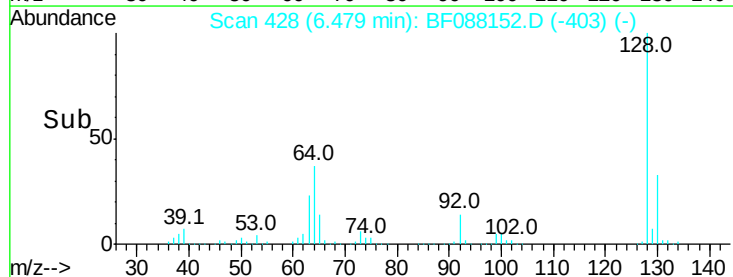
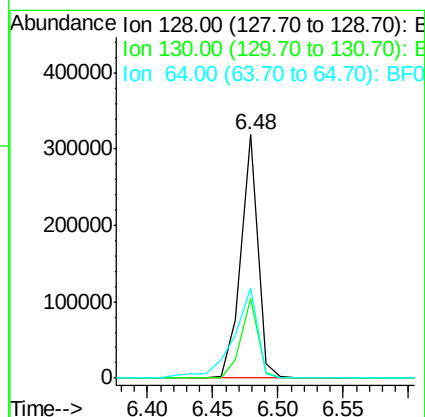
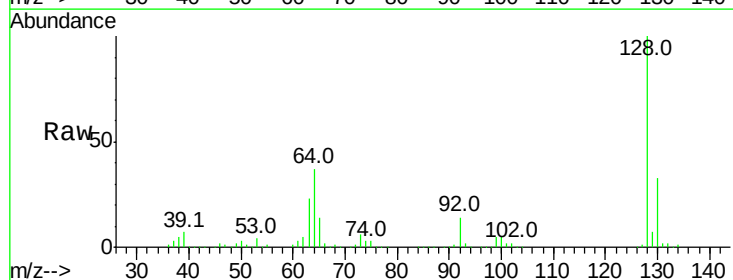
RT: 6.48 min Scan# 428

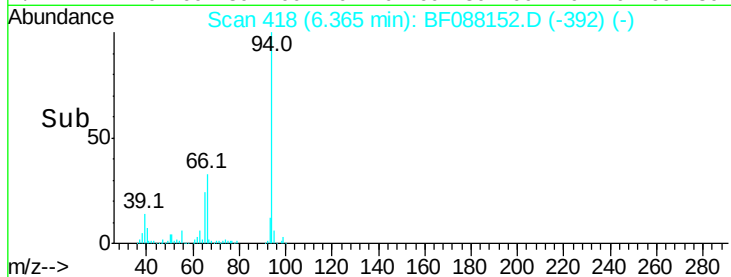
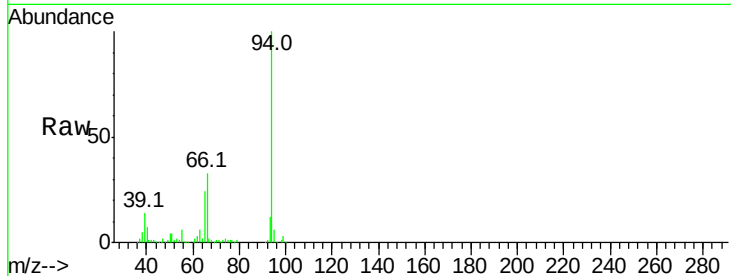
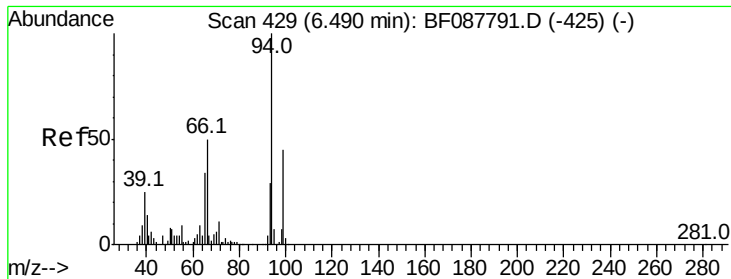
Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Tgt Ion	128	Resp	286505
Ion Ratio	Lower	Upper	
128	100		
130	33.0	12.0	52.0
64	36.9	30.8	70.8





#10

Phenol

Concen: 44.65 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Tot Ion:	94	Resp:	312223
Ion Ratio	Lower	Upper	
94	100		
65	24.5	5.9	45.9
66	33.0	14.0	54.0

Instrument :

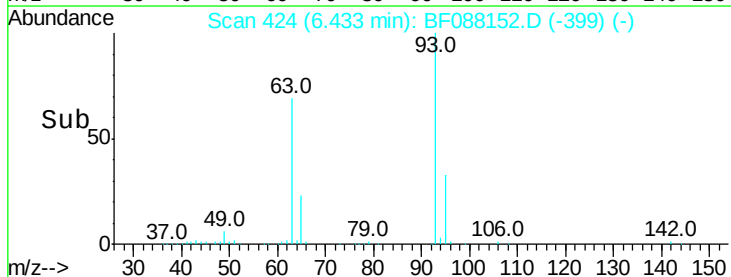
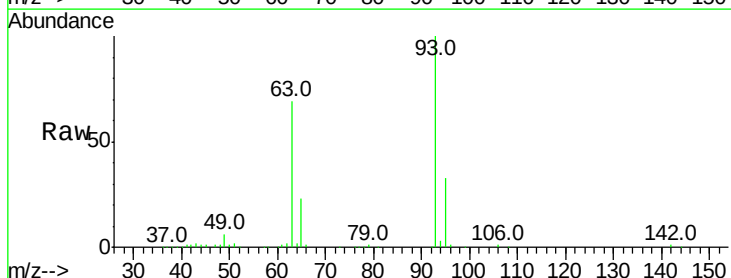
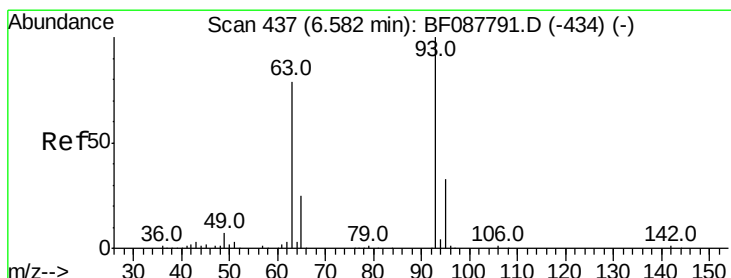
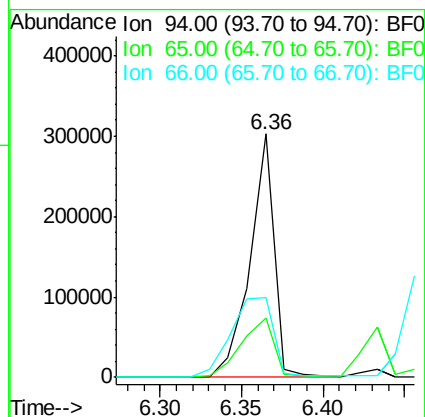
BNA_F

ClientSampleId :

PB91406BS

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#11

bis(2-Chloroethyl)ether

Concen: 44.43 ng

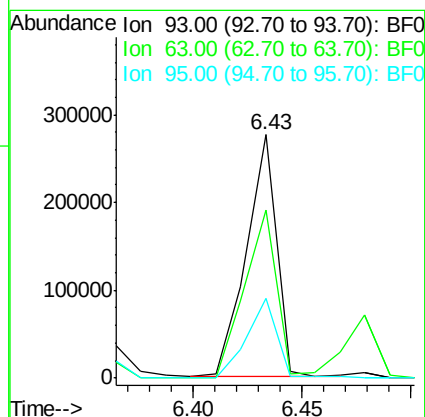
RT: 6.43 min Scan# 424

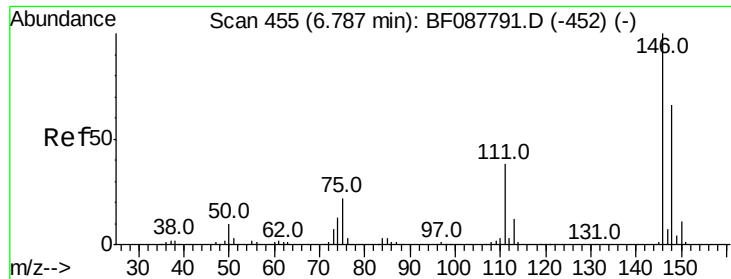
Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Tgt Ion:	93	Resp:	263761
Ion Ratio	Lower	Upper	
93	100		
63	69.2	67.6	107.6
95	32.9	12.5	52.5





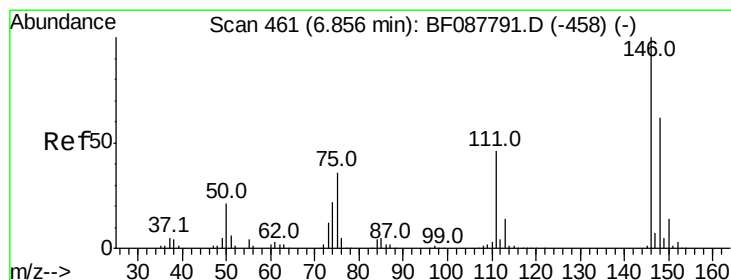
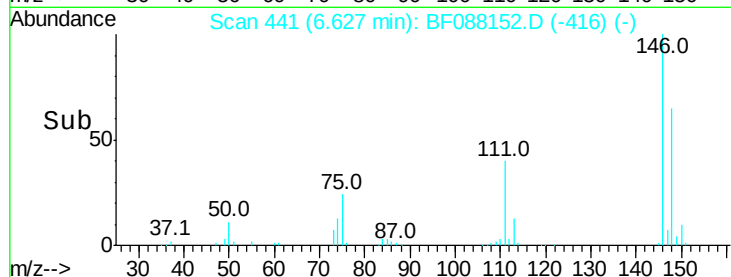
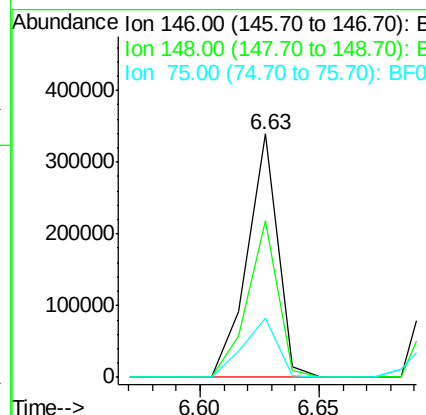
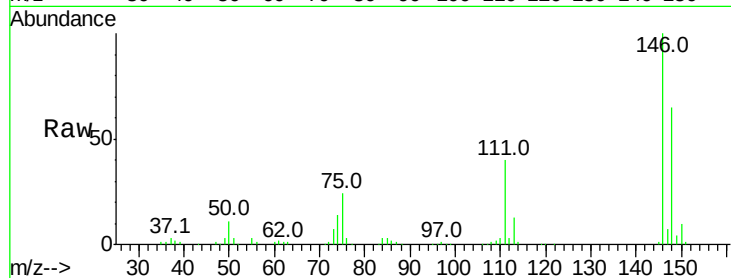
#12
 1,3-Dichlorobenzene
 Concen: 43.36 ng/ml
 RT: 6.63 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91406BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.9	76.3
75	24.2	25.6	38.4

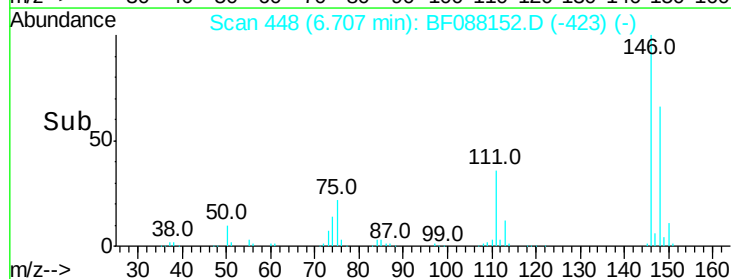
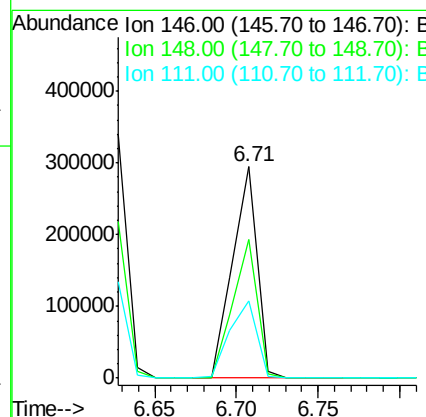
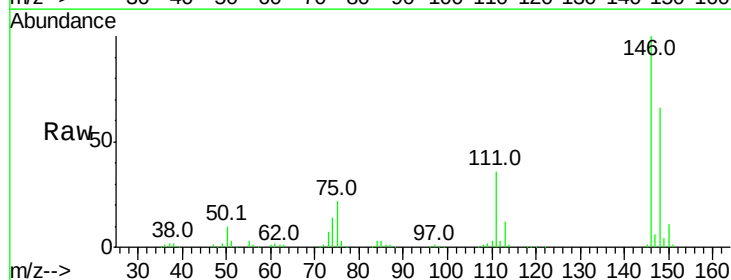
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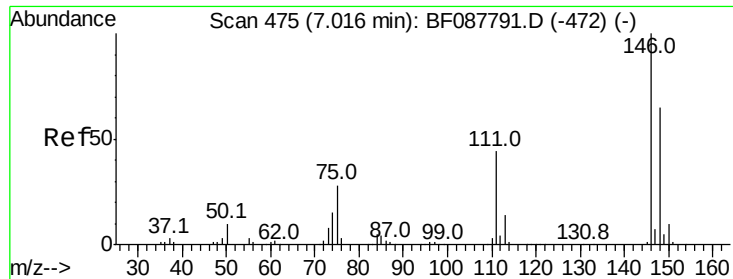
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#13
 1,4-Dichlorobenzene
 Concen: 42.85 ng/ml
 RT: 6.71 min Scan# 448
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.0	78.0
111	36.4	33.8	50.8





#14

1,2-Dichlorobenzene

Concen: 42.11 ng/mL

RT: 6.86 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

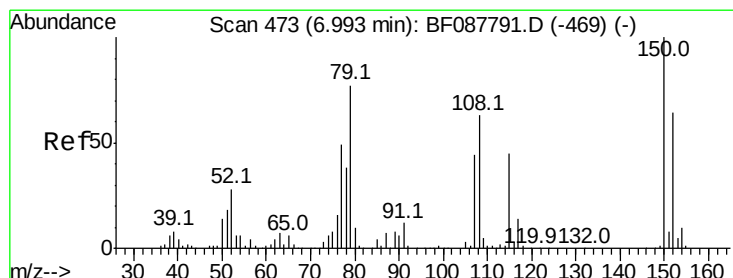
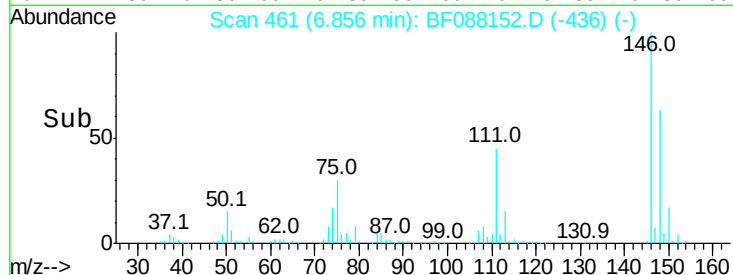
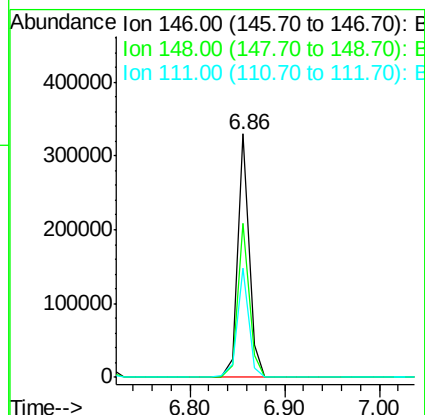
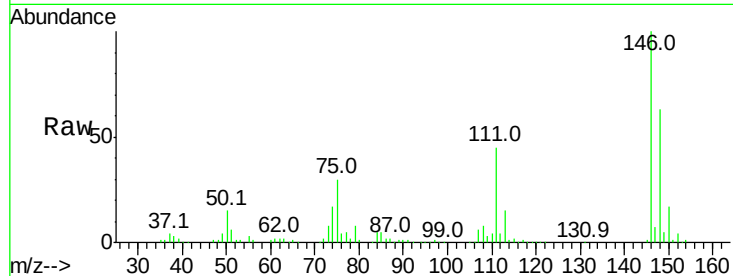
ClientSampleID :

PB91406BS

Tot Ion:	146	Resp:	273701
Ion Ratio	Lower	Upper	
146	100		
148	63.4	52.3	78.5
111	44.8	28.7	43.1

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#15

Benzyl Alcohol

Concen: 34.75 ng/mL

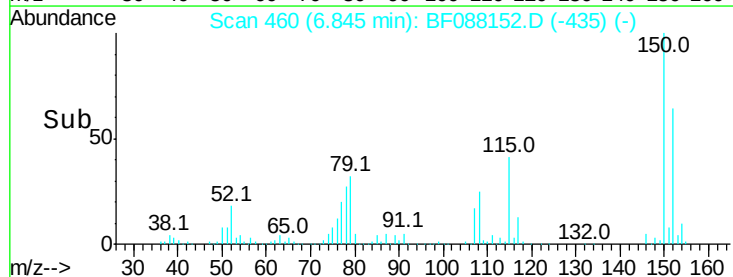
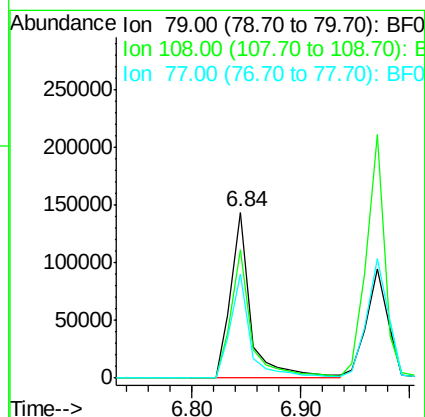
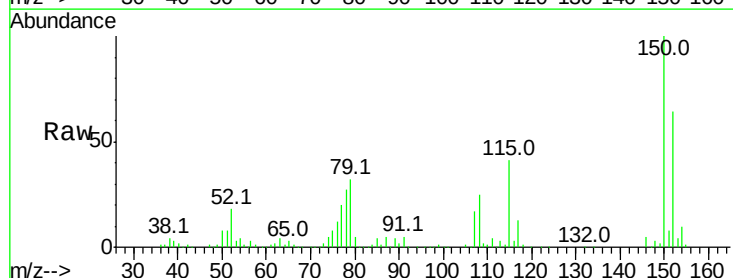
RT: 6.84 min Scan# 460

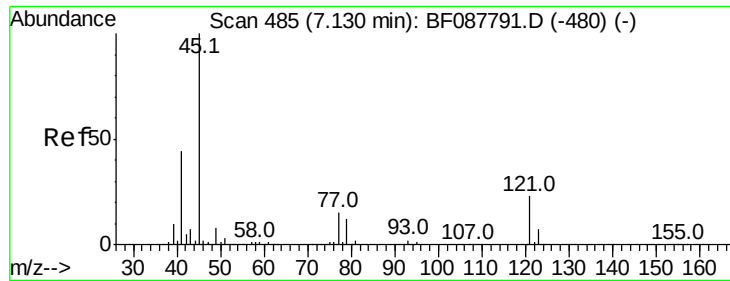
Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Tgt Ion:	79	Resp:	184045
Ion Ratio	Lower	Upper	
79	100		
108	77.5	65.0	97.6
77	63.1	50.3	75.5





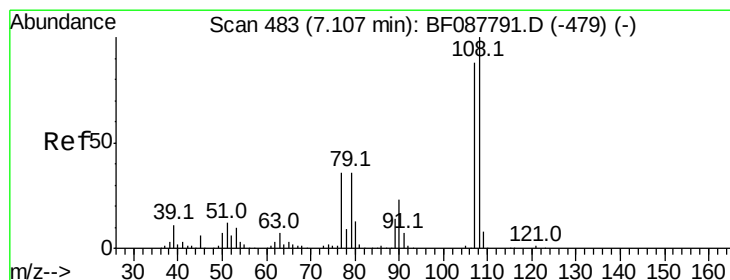
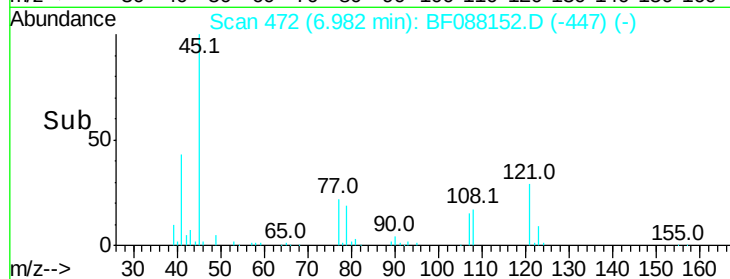
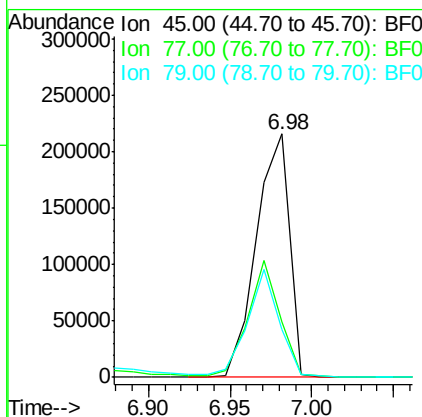
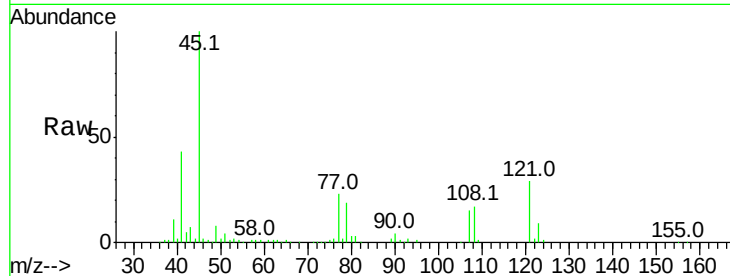
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 37.90 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampled :
PB91406BS

Tot Ion	Ratio	Resp	Lower	Upper
45	100			
77	22.7	0.0	32.5	
79	19.5	0.0	29.5	

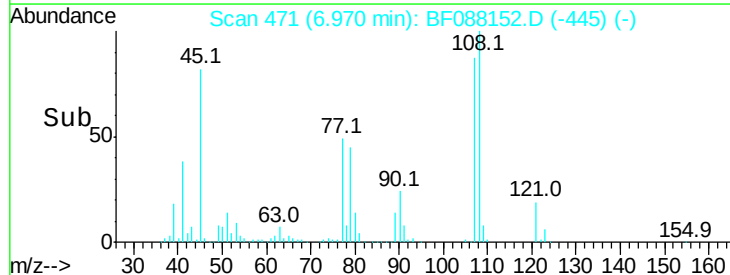
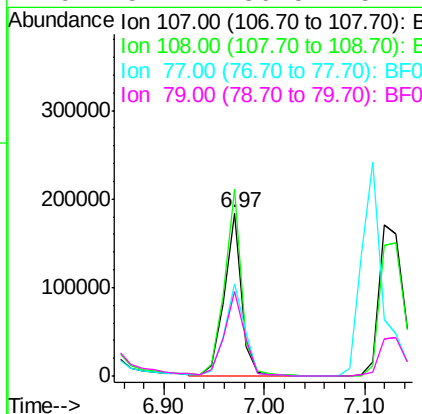
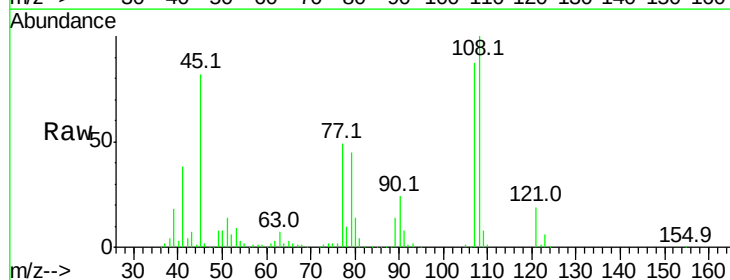
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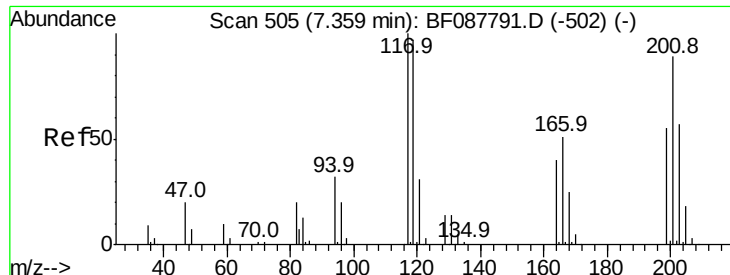
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#17
2-Methylphenol
Concen: 40.99 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	90.9	136.3	
77	56.2	36.6	55.0	
79	51.7	36.5	54.7	





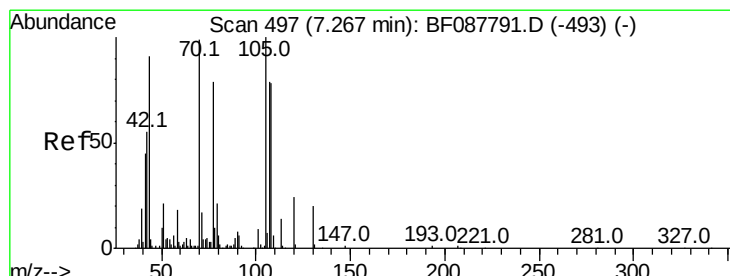
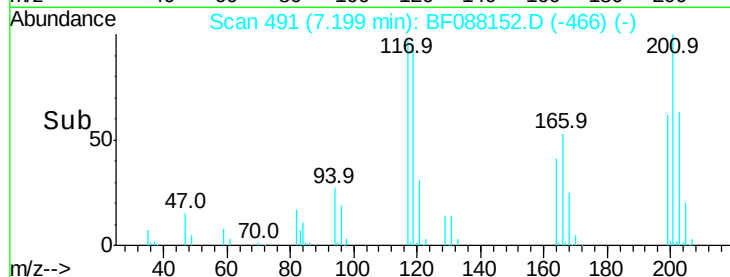
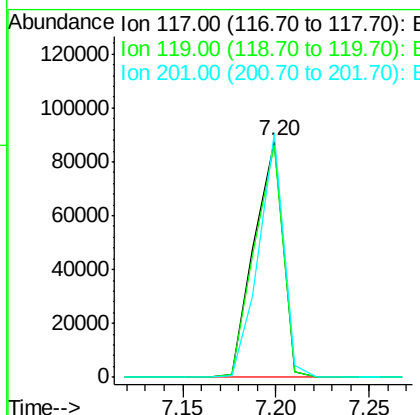
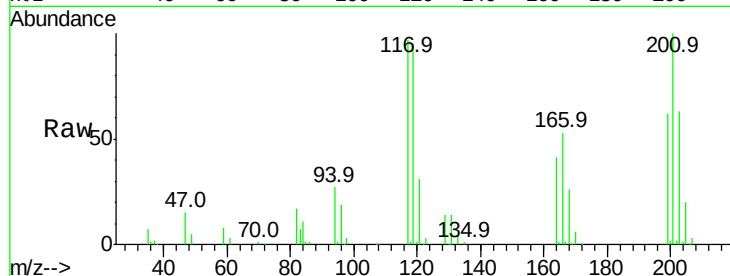
#18
Hexachloroethane
Concen: 37.44 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PB91406BS

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.4	116.2
201	103.0	80.4	120.6

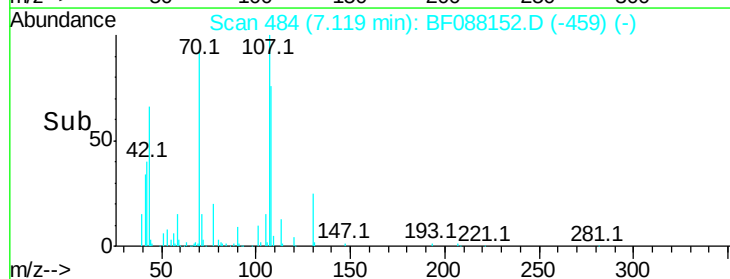
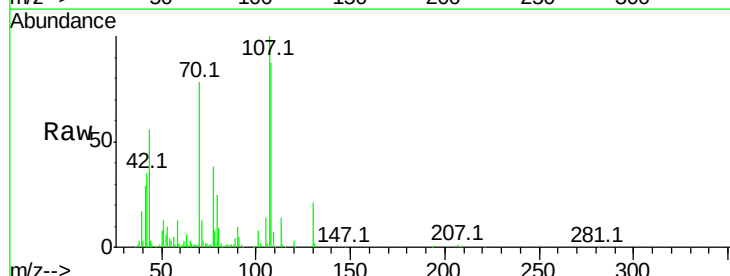
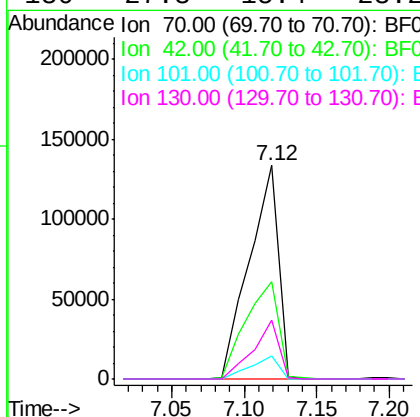
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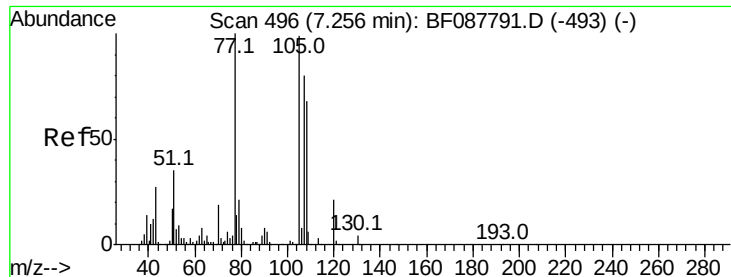
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#19
n-Nitroso-di-n-propylamine
Concen: 43.21 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Lower	Upper
70	100		
42	45.4	49.6	74.4#
101	10.8	7.1	10.7#
130	27.3	15.4	23.2#





#20

3+4-Methylphenols

Concen: 45.85 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

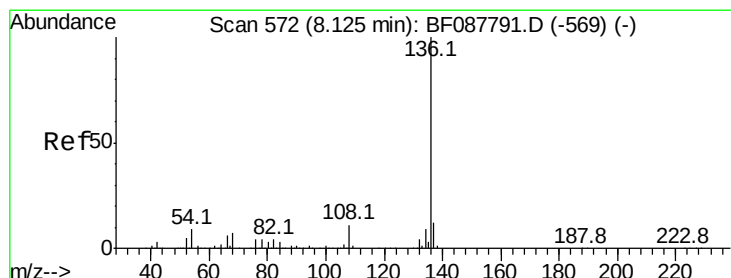
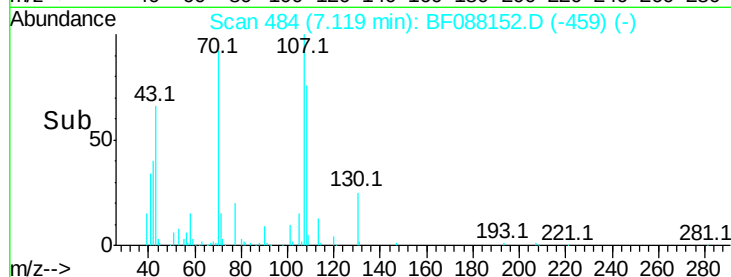
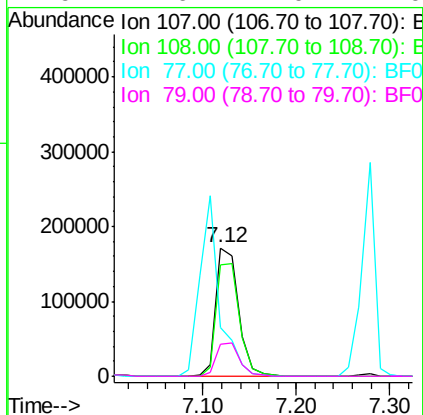
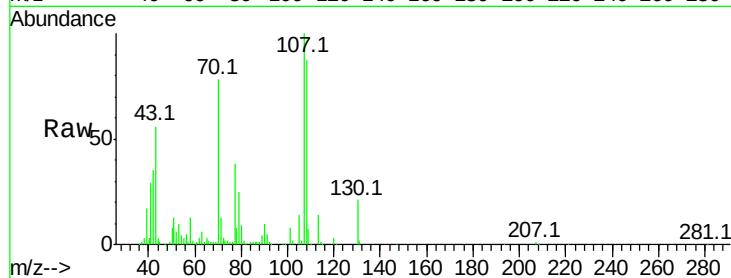
ClientSampleId :

PB91406BS

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Tot Ion	107	Resp	286866
Ion Ratio	Lower	Upper	
107	100		
108	86.6	67.8	107.8
77	37.5	59.3	99.3#
79	24.6	7.0	47.0



#21

Naphthalene-d8

Concen: 20.00 ng

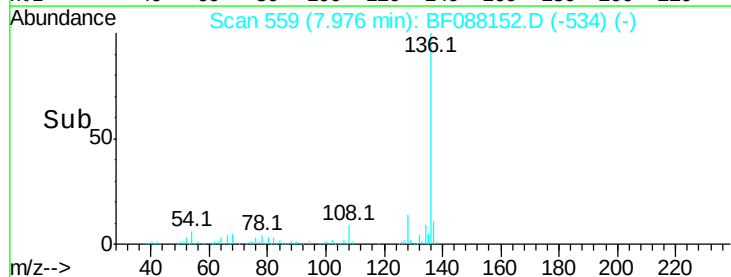
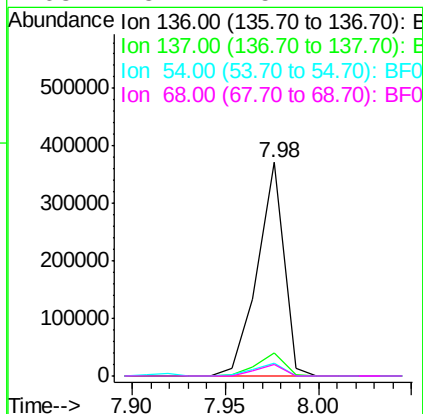
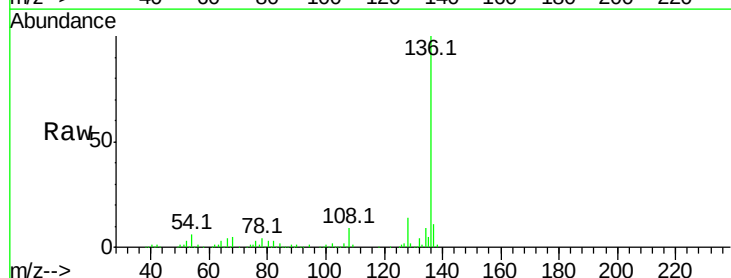
RT: 7.98 min Scan# 559

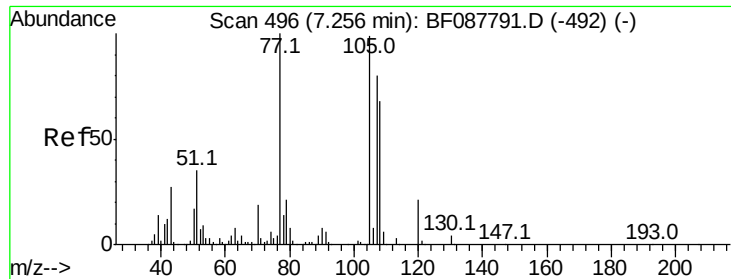
Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Tgt Ion	136	Resp	365835
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.1	13.7
54	6.0	6.6	10.0#
68	5.2	5.1	7.7





#22

Acetophenone

Concen: 46.19 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF088152.D

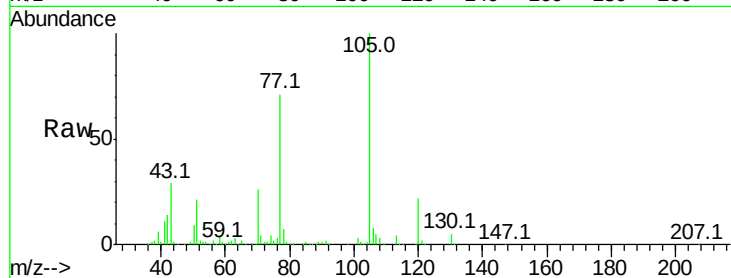
Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampled :

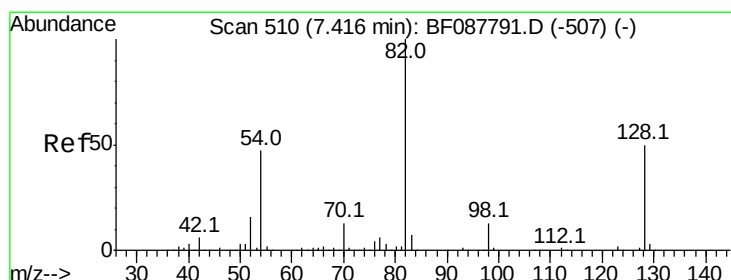
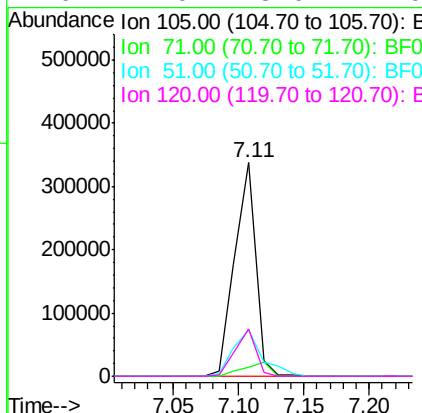
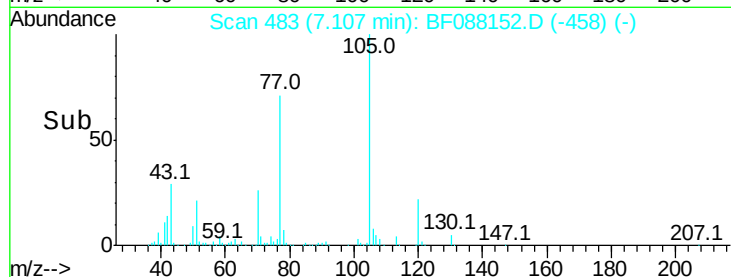
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	377664		
71	71	4.4	5.3	7.9#	
51	51	21.3	18.2	27.4	
120	120	22.0	18.0	27.0	

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#23

Nitrobenzene-d5

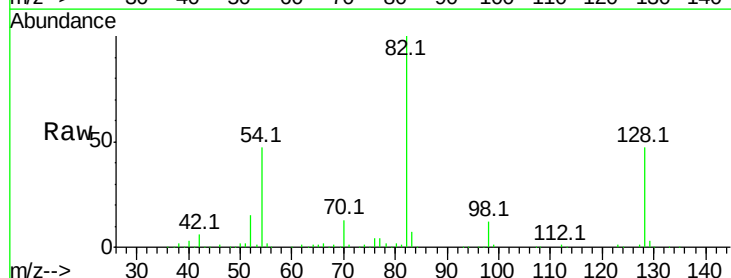
Concen: 72.82 ng

RT: 7.26 min Scan# 496

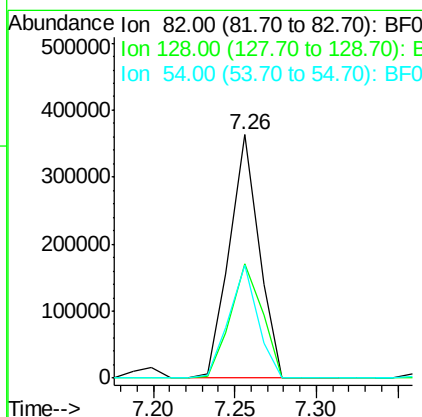
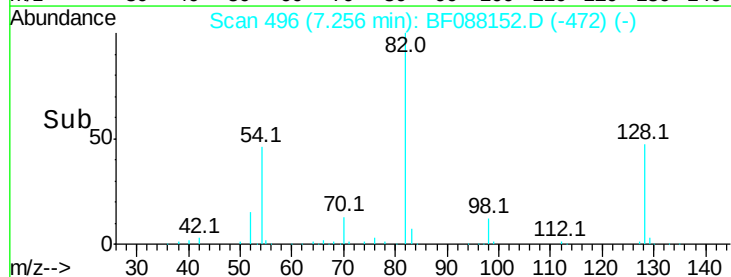
Delta R.T. -0.02 min

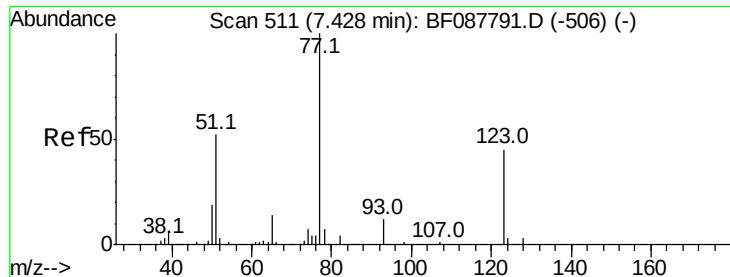
Lab File: BF088152.D

Acq: 19 Jun 2016 00:24



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	456223		
128	128	46.8	35.9	53.9	
54	54	46.6	40.9	61.3	





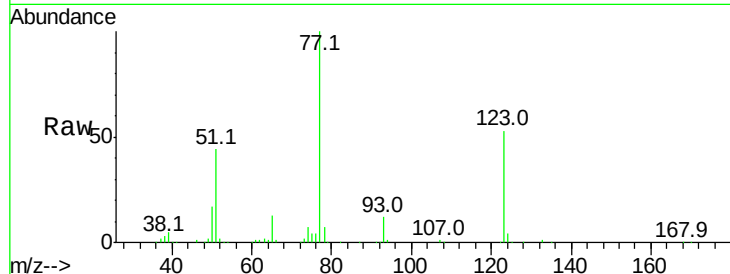
#24
Nitrobenzene
Concen: 45.50 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampled :
PB91406BS

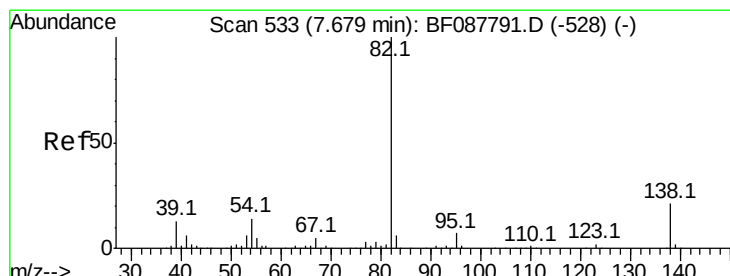
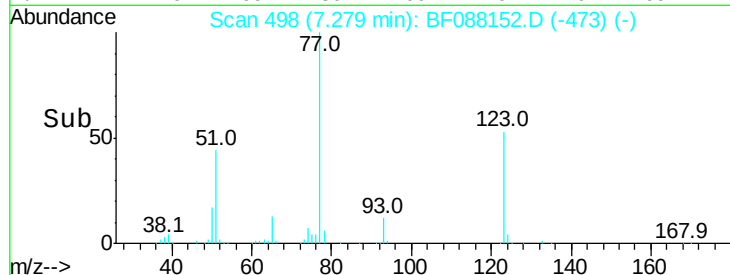
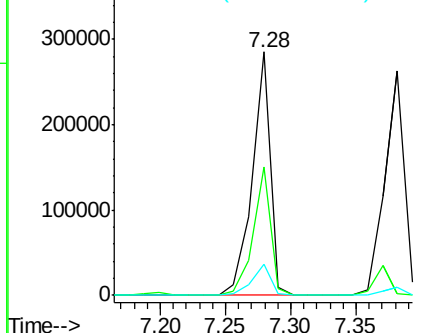
Tot Ion	Ratio	Lower	Upper
77	100		
123	52.7	45.0	67.4
65	13.0	10.2	15.2

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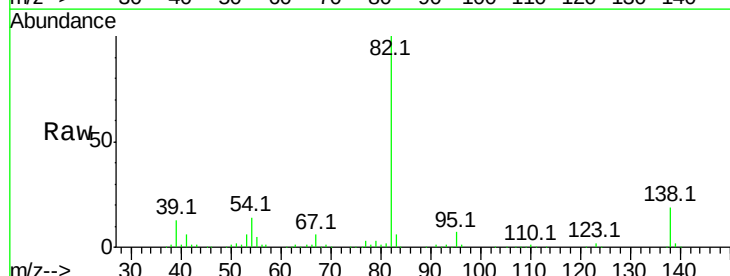


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

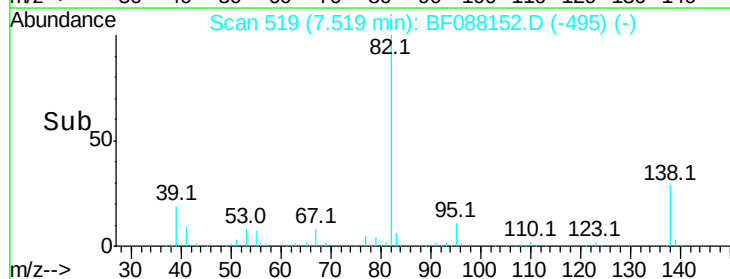
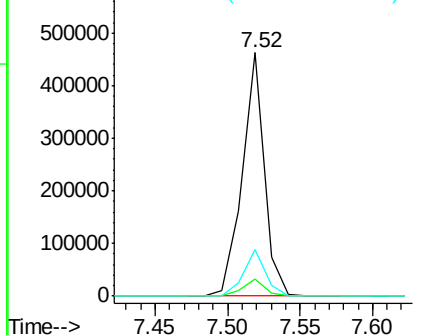


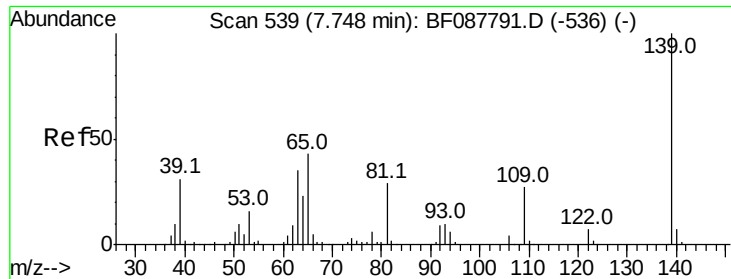
#25
Isophorone
Concen: 42.27 ng
RT: 7.52 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.4	8.2
138	19.0	14.6	21.8



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





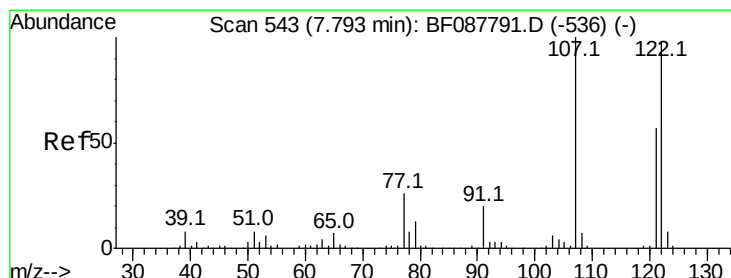
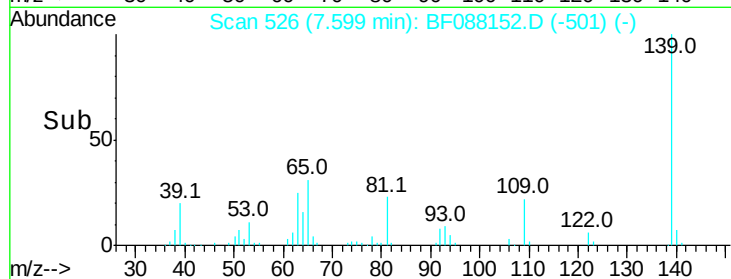
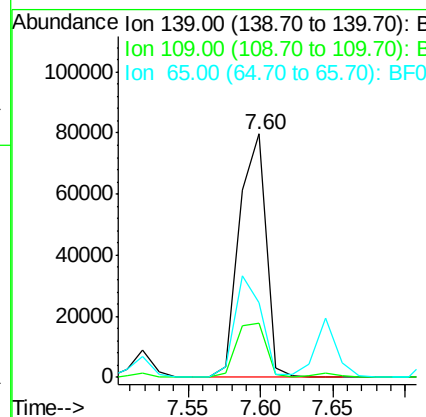
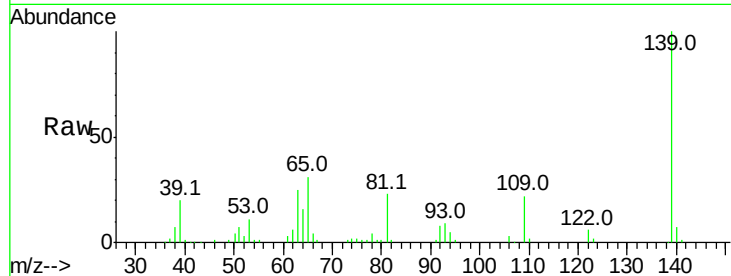
#26
2-Nitrophenol
Concen: 31.40 ng
RT: 7.60 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampled :
PB91406BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	22.0	23.0	34.4#	
65	30.8	45.8	68.8#	

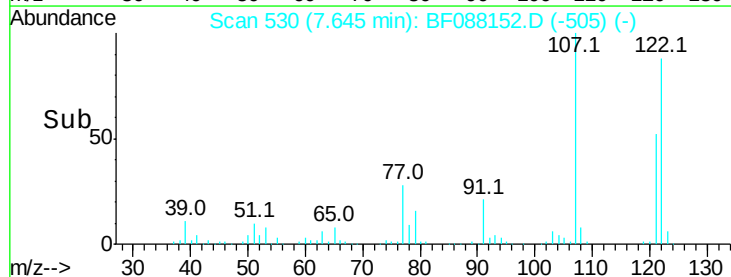
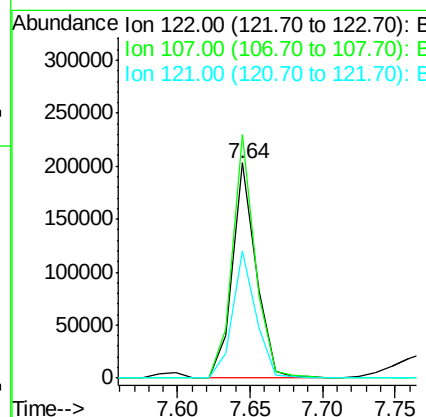
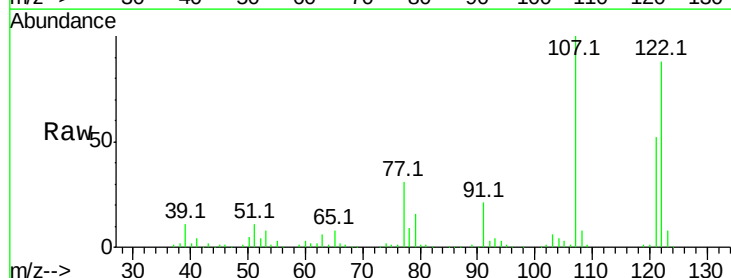
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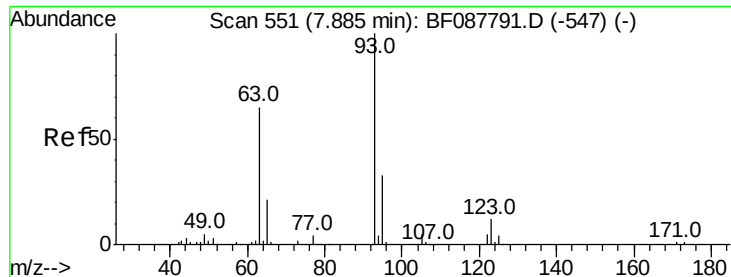
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#27
2,4-Dimethylphenol
Concen: 38.53 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
107	113.0	82.4	123.6	
121	59.2	46.3	69.5	





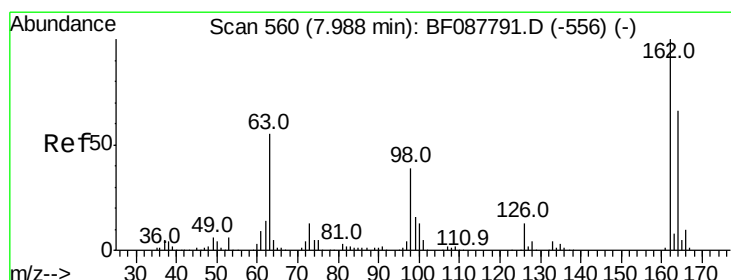
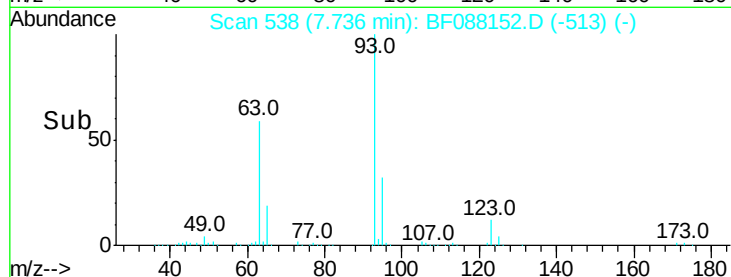
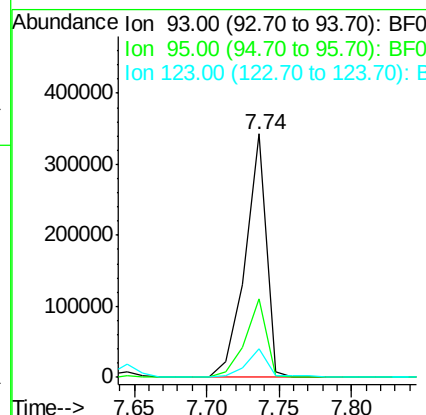
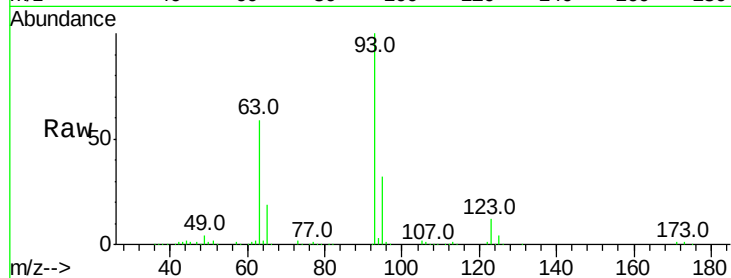
#28
 bis(2-Chloroethoxy)methane
 Concen: 48.07 ng
 RT: 7.74 min Scan# 538
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91406BS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
95	32.4	26.5	39.7
123	11.6	11.6	17.4

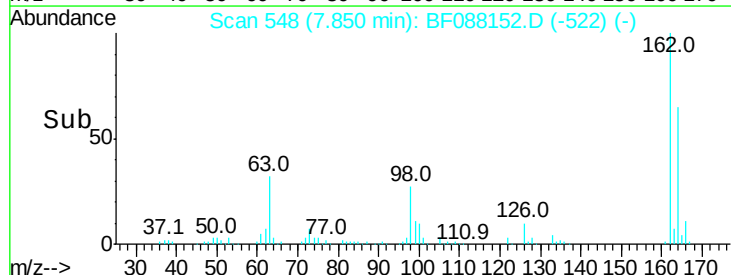
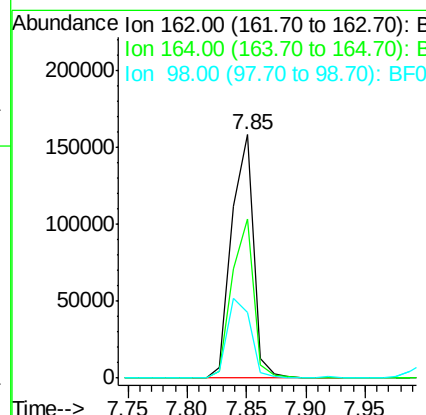
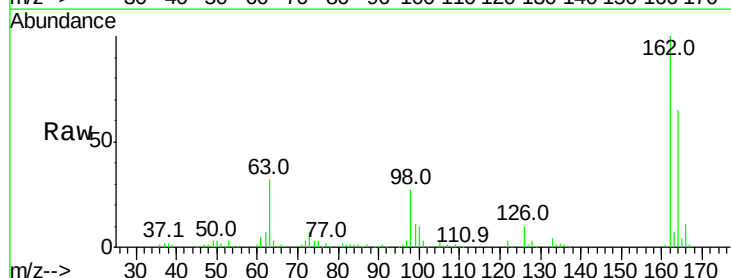
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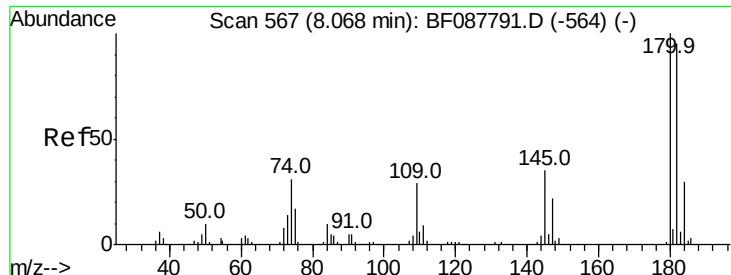
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#29
 2,4-Dichlorophenol
 Concen: 40.57 ng
 RT: 7.85 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
164	65.1	43.8	83.8
98	26.8	21.3	61.3





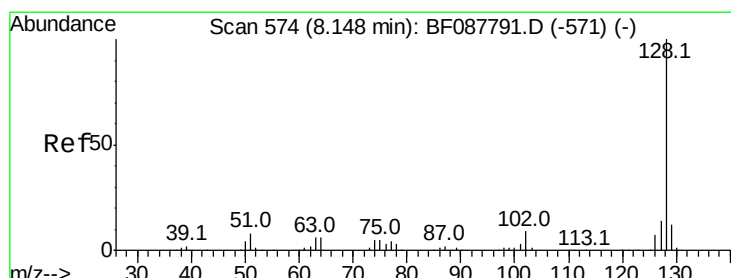
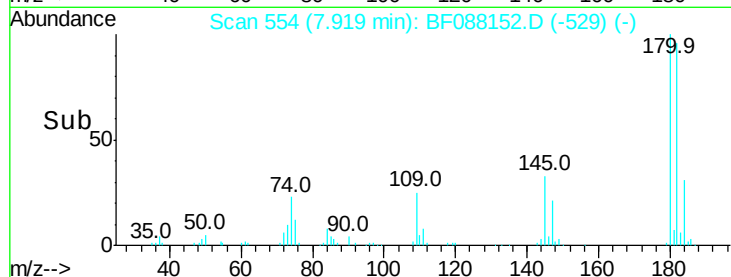
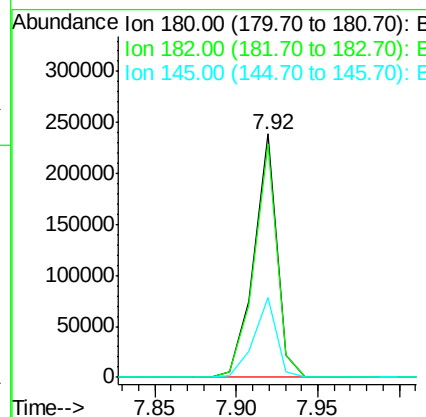
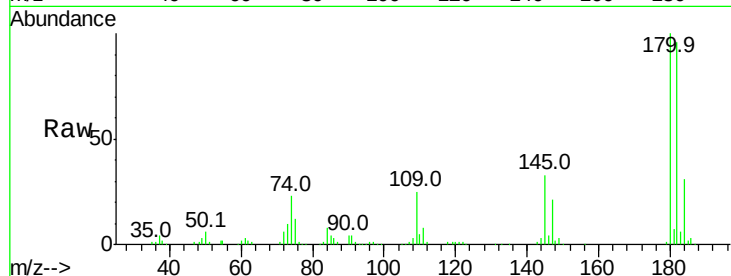
#30
 1,2,4-Trichlorobenzene
 Concen: 43.01 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91406BS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	234018		
182	96.0	76.0	114.0	
145	32.8	26.5	39.7	

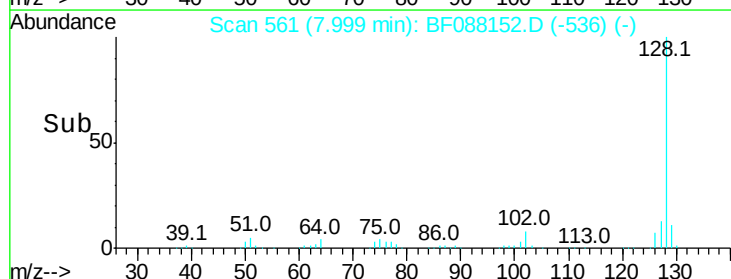
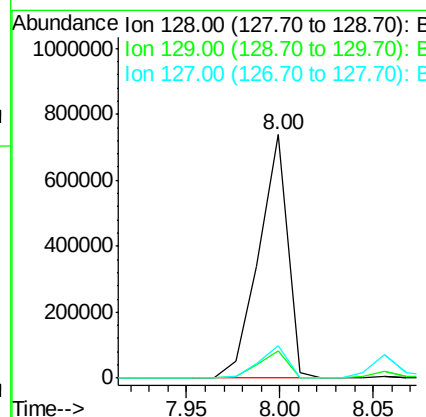
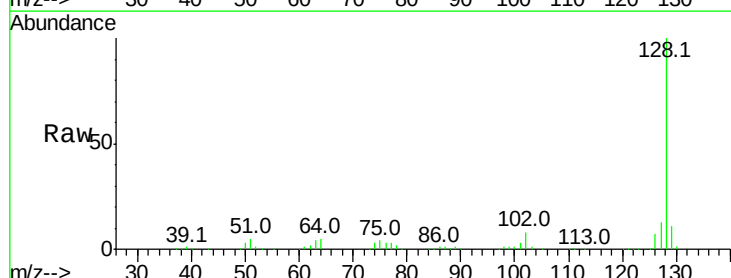
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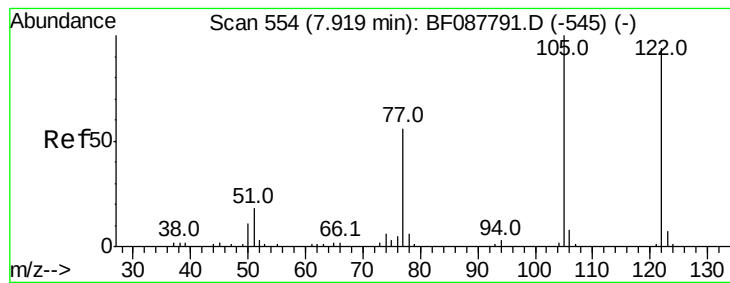
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#31
 Naphthalene
 Concen: 43.45 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	786660		
129	11.1	9.4	14.2	
127	13.5	10.9	16.3	





#32

Benzoic acid

Concen: 17.12 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.03 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

Tot Ion:122 Resp: 56409

Ion Ratio Lower Upper

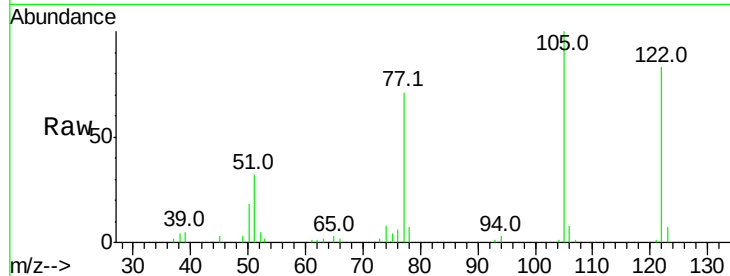
122 100

105 119.9 101.6 141.6

77 85.6 70.6 110.6

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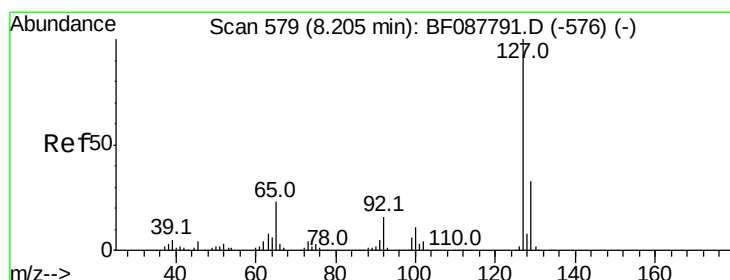
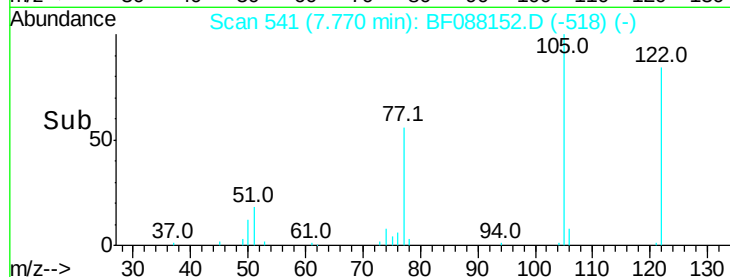
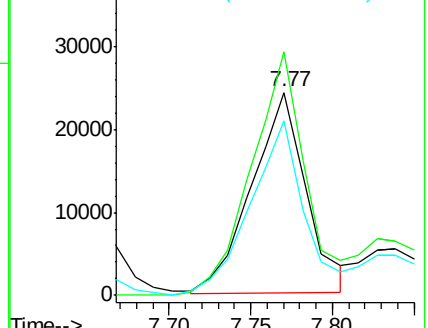
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 10.32 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Tgt Ion:127 Resp: 83412

Ion Ratio Lower Upper

127 100

129 31.3 26.3 39.5

65 22.9 24.7 37.1#

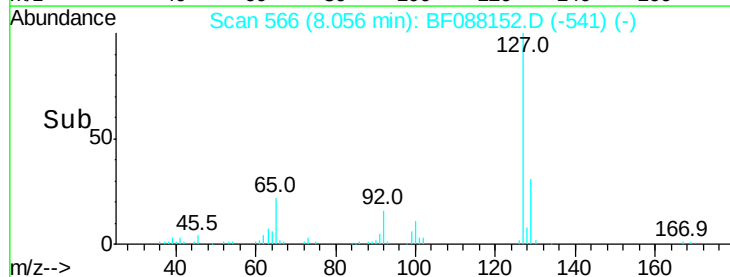
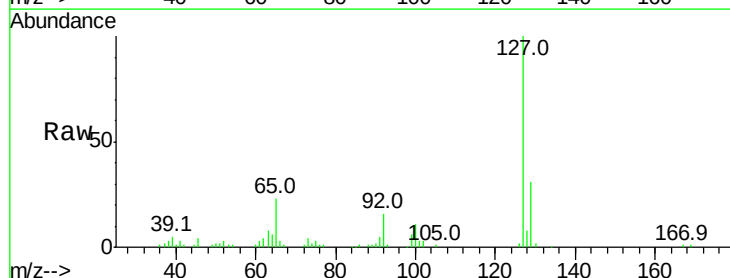
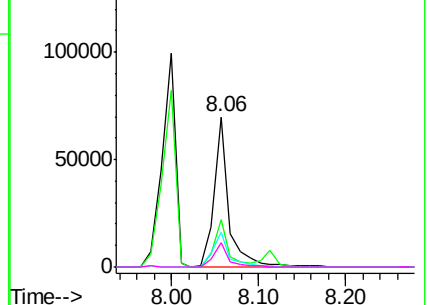
92 16.1 15.4 23.0

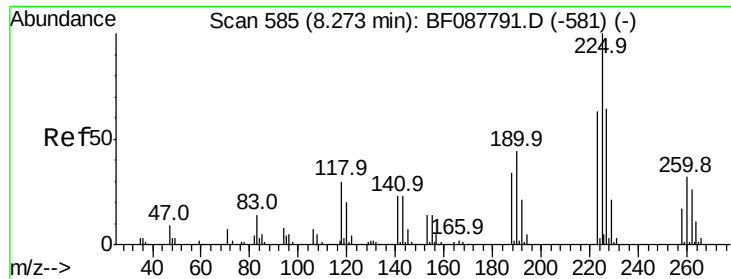
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





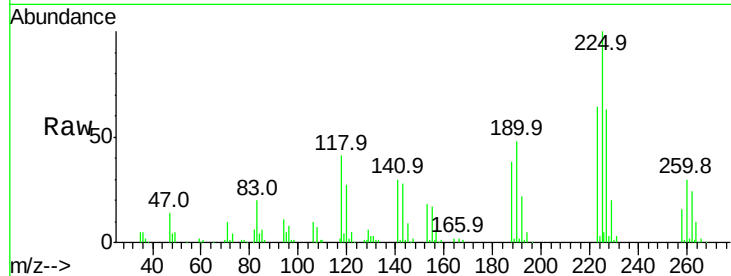
#34
Hexachlorobutadiene
Concen: 42.54 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PB91406BS

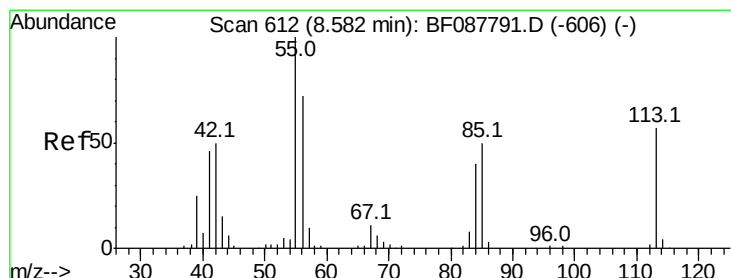
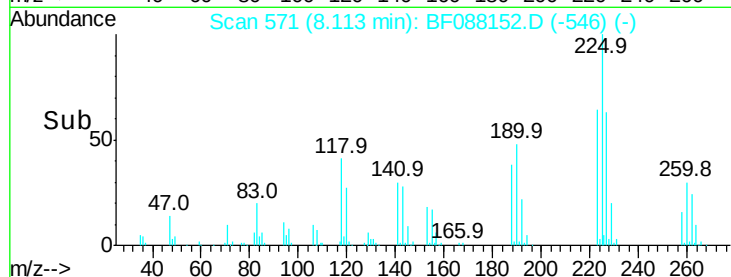
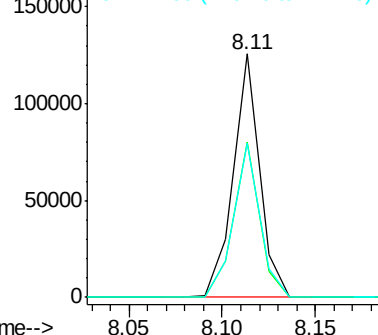
Tot Ion	Ratio	Resp Lower	Upper
225	100		
223	63.6	50.9	76.3
227	63.5	51.9	77.9

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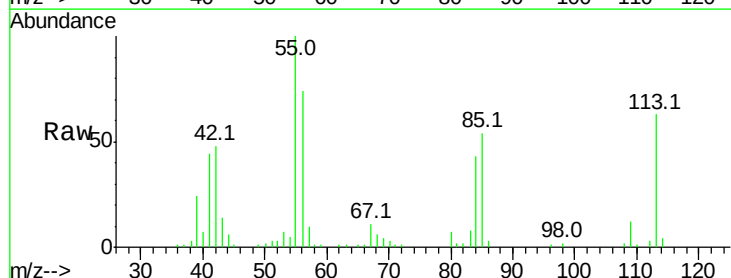


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

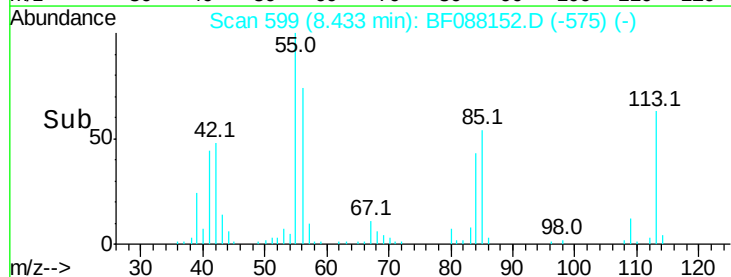
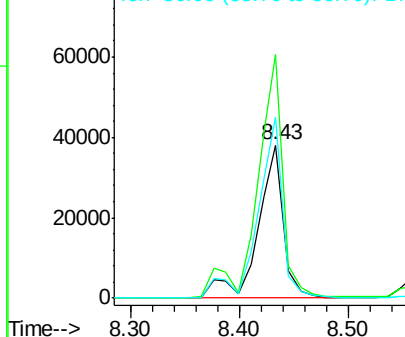


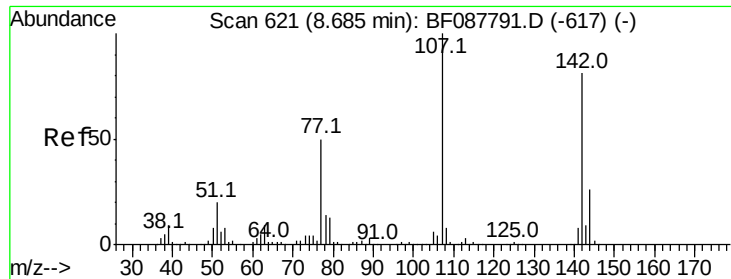
#35
Caprolactam
Concen: 37.42 ng
RT: 8.43 min Scan# 599
Delta R.T. -0.02 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
55	158.8	158.6	198.6
56	117.7	110.6	150.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





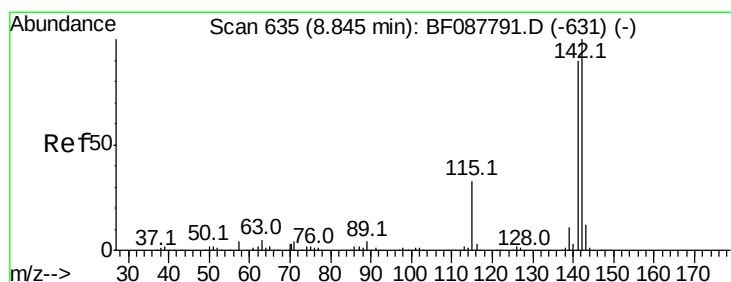
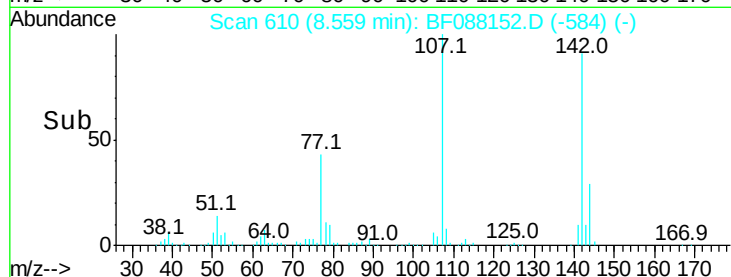
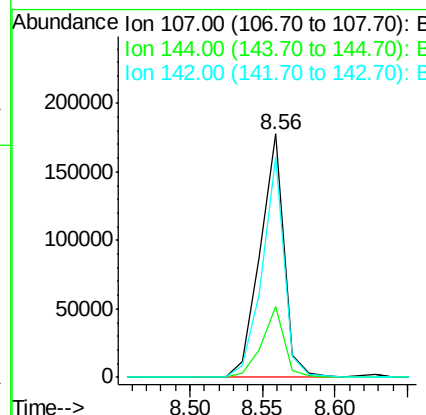
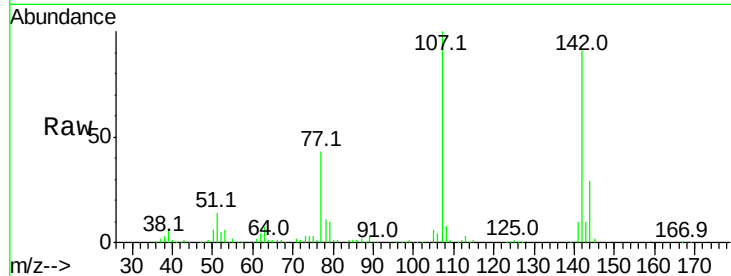
#36
4-Chloro-3-methylphenol
Concen: 38.34 ng
RT: 8.56 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PB91406BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	204897		
144	29.3	20.8	31.2	
142	90.7	63.4	95.2	

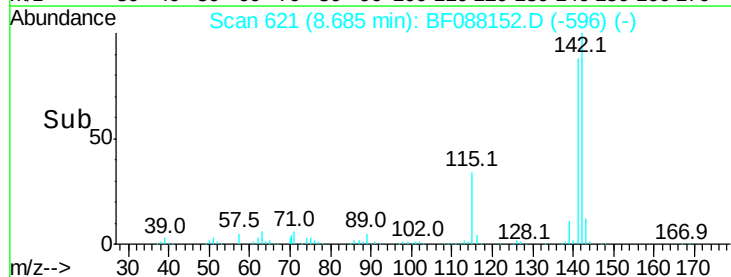
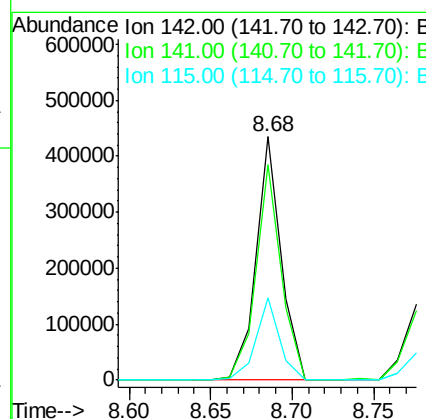
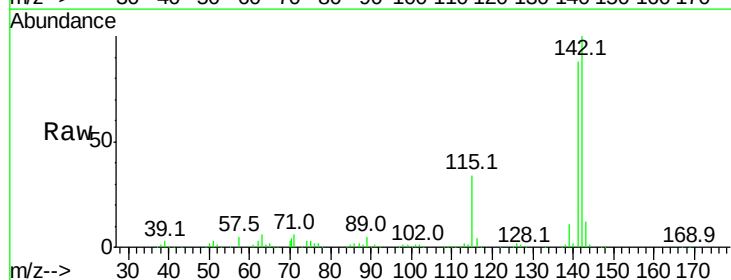
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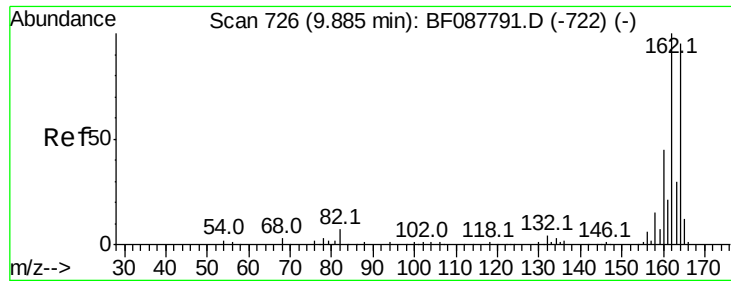
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#37
2-Methylnaphthalene
Concen: 39.10 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	466597		
141	88.3	71.0	106.6	
115	34.0	22.6	33.8#	





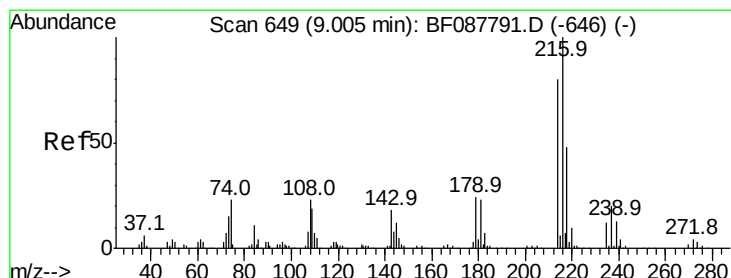
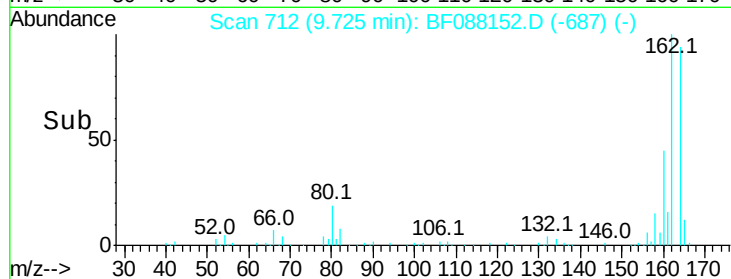
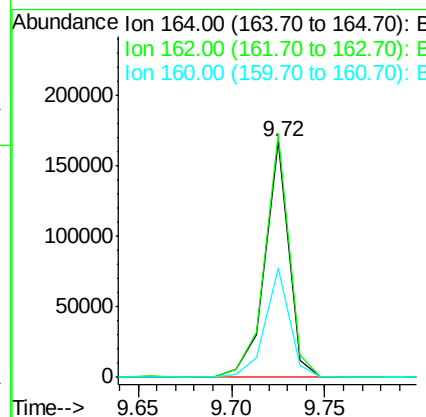
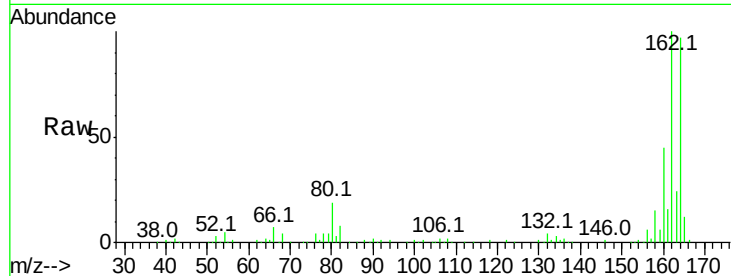
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PB91406BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.2	85.4	128.2	
160	46.5	39.5	59.3	

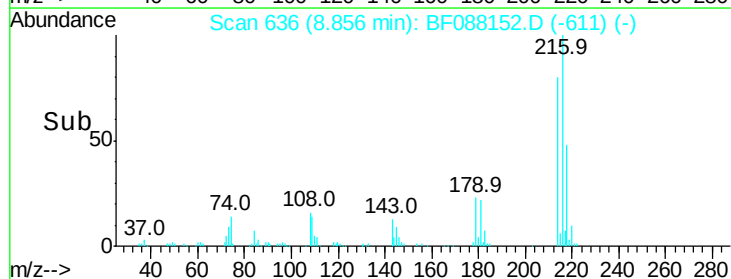
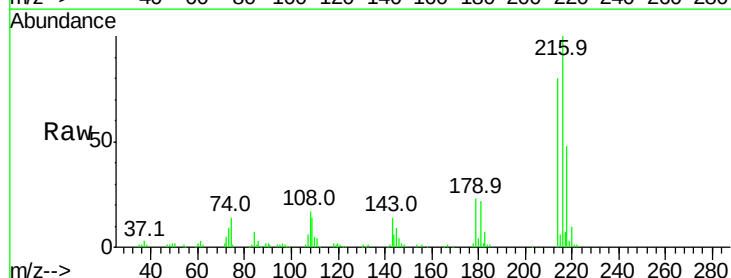
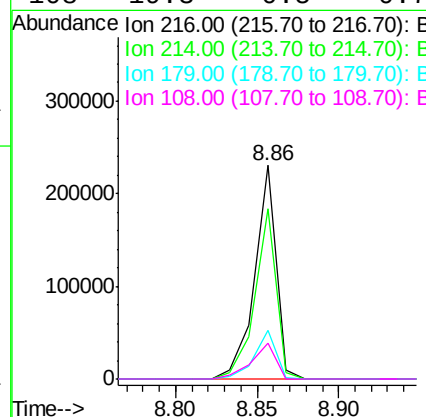
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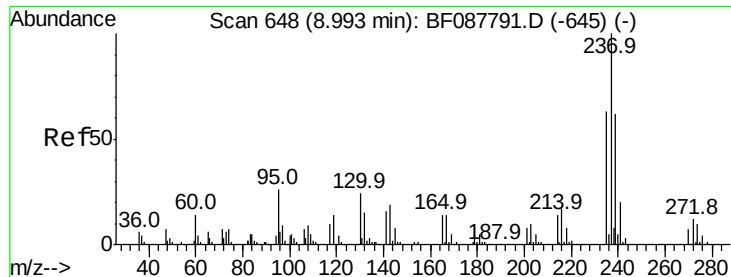
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 64.24 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	2.9	4.3#	
179	22.9	0.0	0.0#	
108	19.3	0.5	0.7#	





#40

Hexachlorocyclopentadiene

Concen: 9.88 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

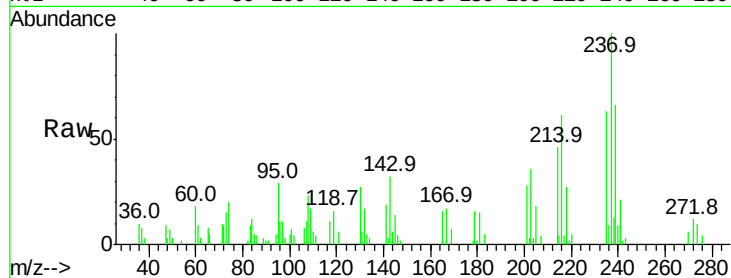
ClientSampled :

PB91406BS

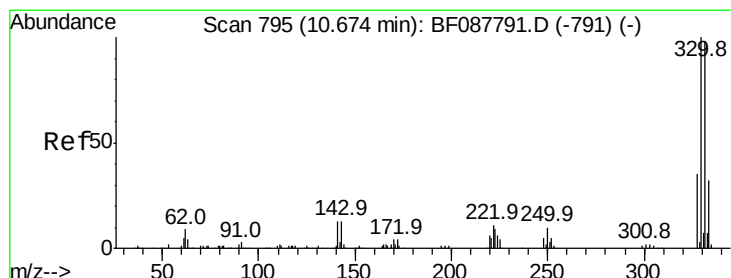
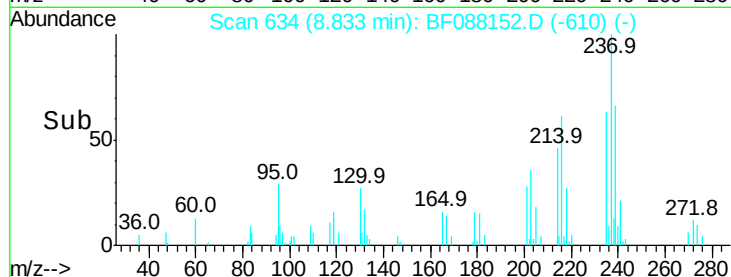
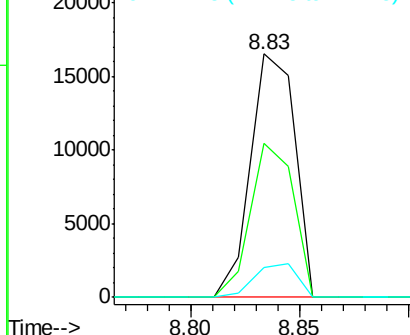
Tot Ion:	237	Resp:	23567
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.4	83.4
272	12.3	0.0	32.3

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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: 82.40 ng

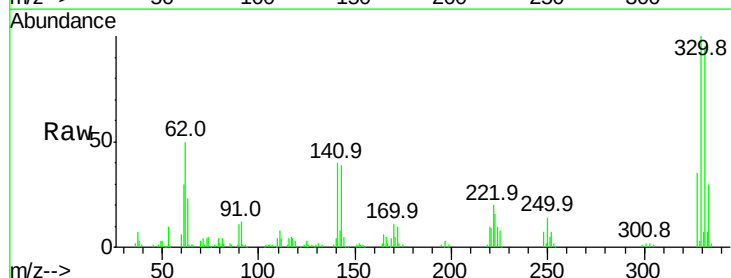
RT: 10.51 min Scan# 781

Delta R.T. -0.01 min

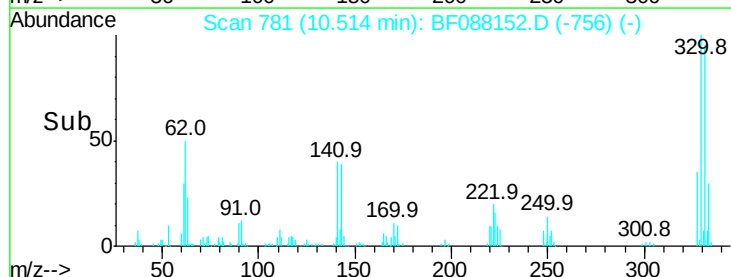
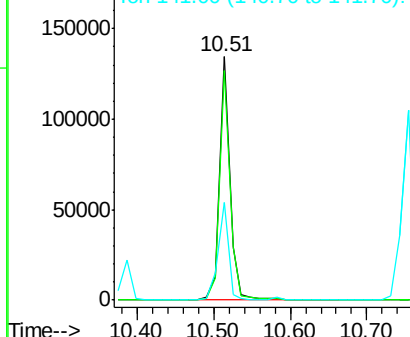
Lab File: BF088152.D

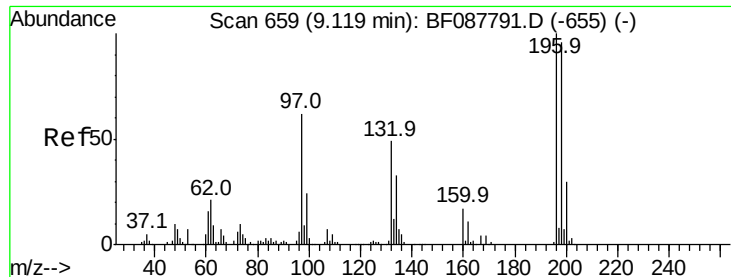
Acq: 19 Jun 2016 00:24

Tgt Ion:	330	Resp:	128725
Ion Ratio	Lower	Upper	
330	100		
332	94.8	0.0	0.0#
141	40.3	0.0	0.0#



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





#42

2,4,6-Trichlorophenol

Concen: 42.03 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

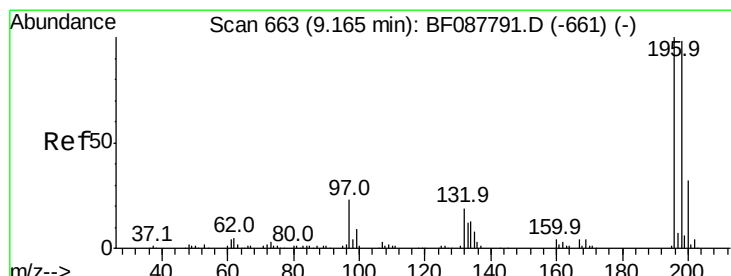
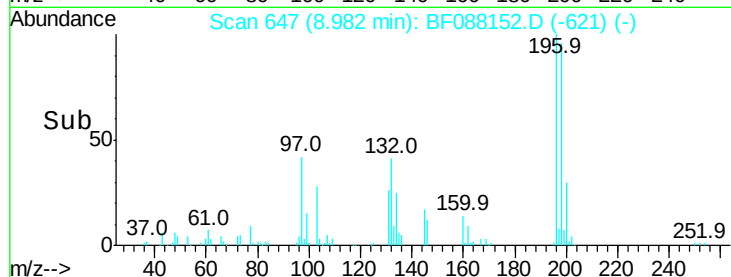
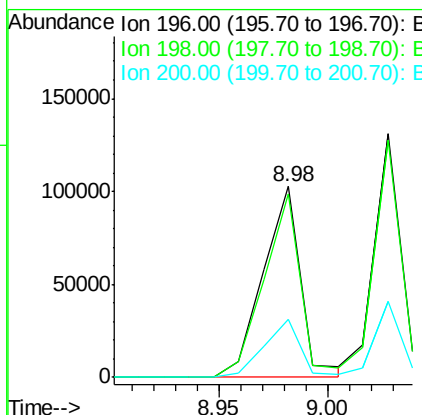
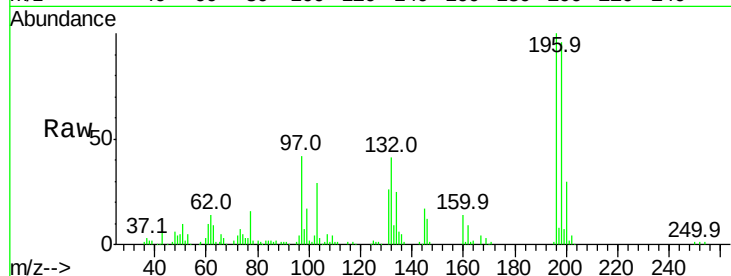
ClientSampleId :

PB91406BS

Tot Ion:	196	Resp:	124348
Ion Ratio	Lower	Upper	
196	100		
198	96.4	78.0	117.0
200	30.3	25.4	38.2

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#43

2,4,5-Trichlorophenol

Concen: 38.26 ng

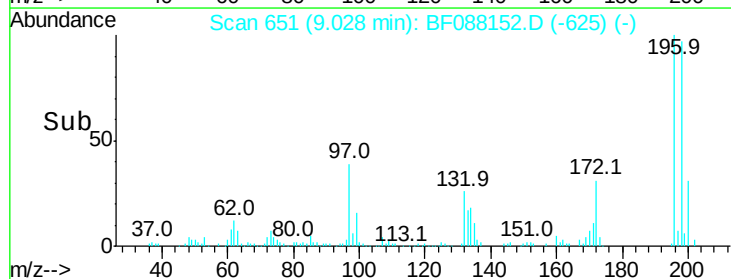
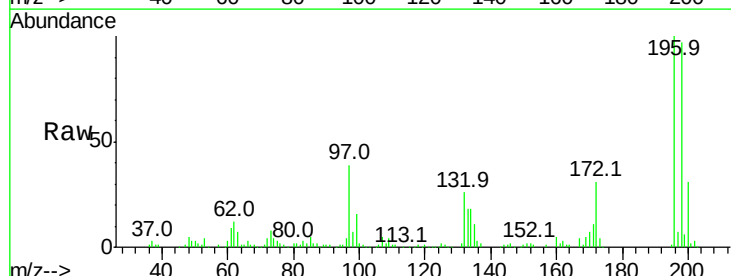
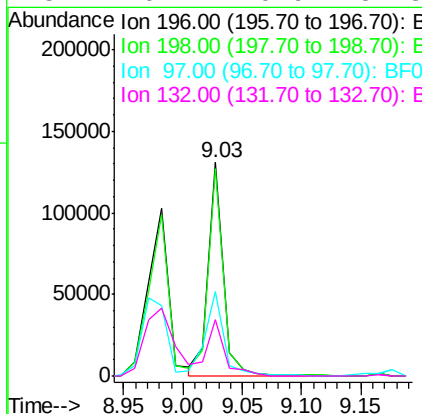
RT: 9.03 min Scan# 651

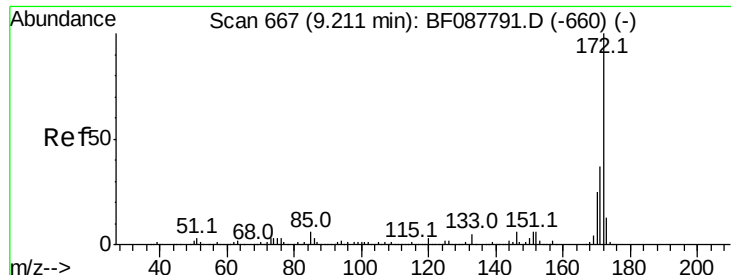
Delta R.T. 0.00 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Tgt Ion:	196	Resp:	117760
Ion Ratio	Lower	Upper	
196	100		
198	97.3	77.5	116.3
97	39.3	32.0	48.0
132	26.2	20.9	31.3





#44

2-Fluorobiphenyl

Concen: 94.91 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

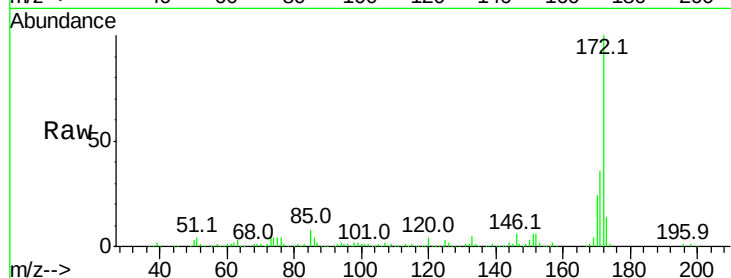
ClientSampleId :

PB91406BS

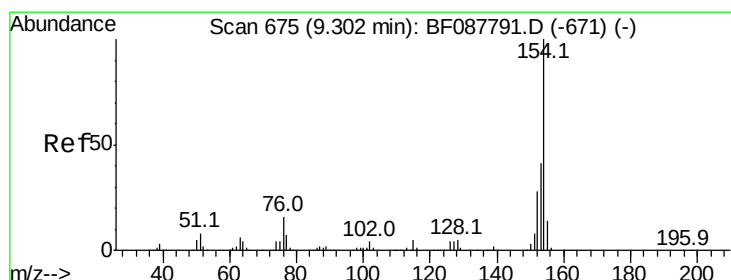
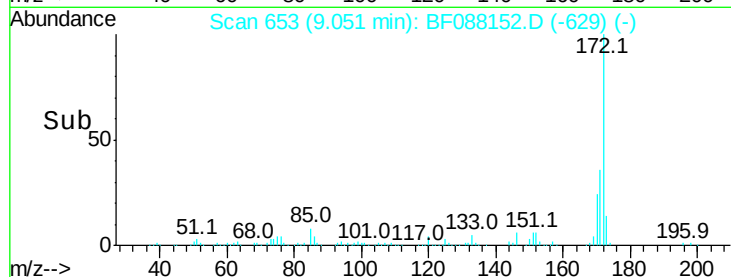
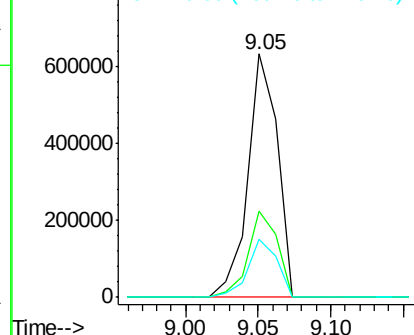
Tot Ion:	172	Resp:	887794
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.6	43.0
170	23.8	19.2	28.8

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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 52.64 ng

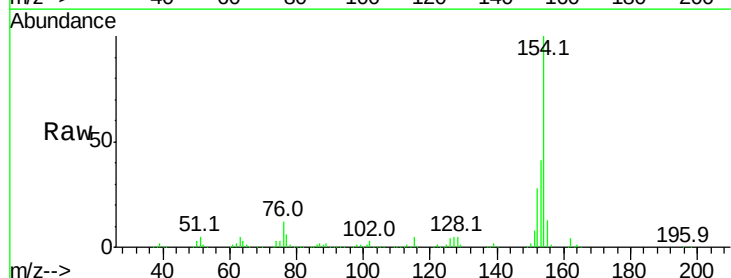
RT: 9.15 min Scan# 662

Delta R.T. -0.01 min

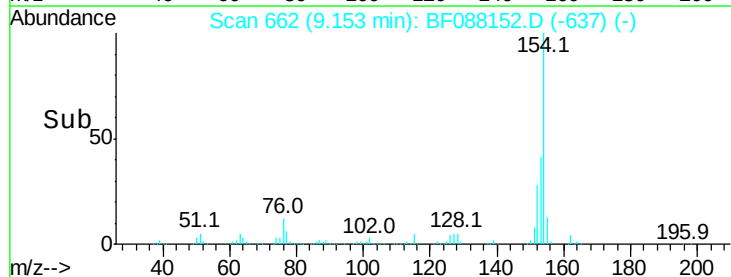
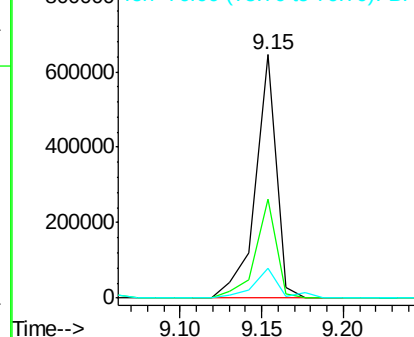
Lab File: BF088152.D

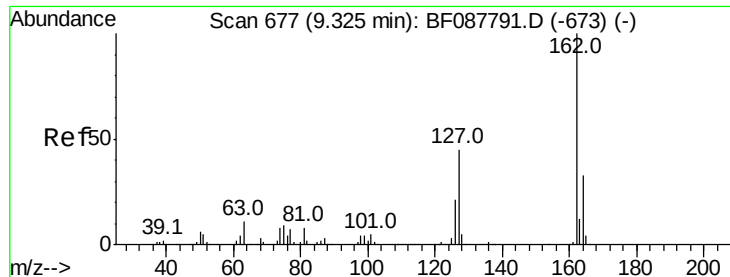
Acq: 19 Jun 2016 00:24

Tgt Ion:	154	Resp:	572894
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.6	60.6
76	12.3	0.0	35.1



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





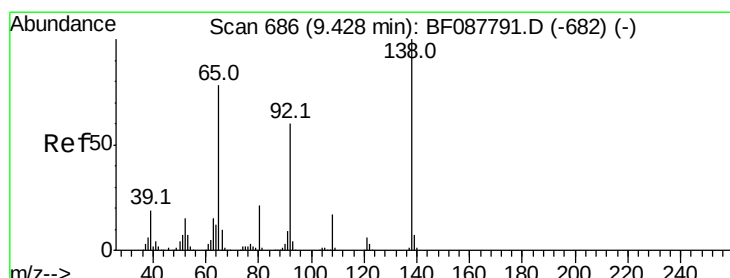
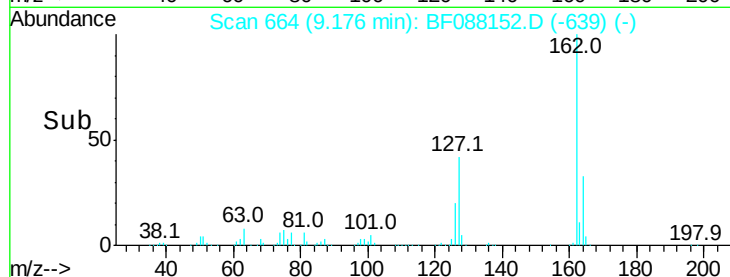
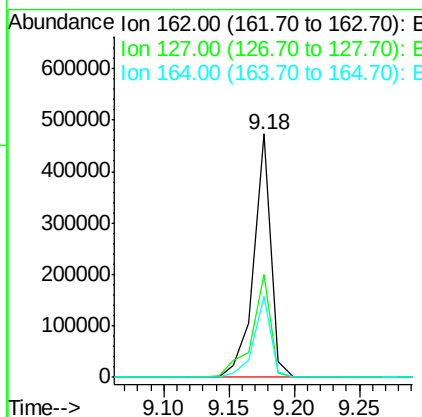
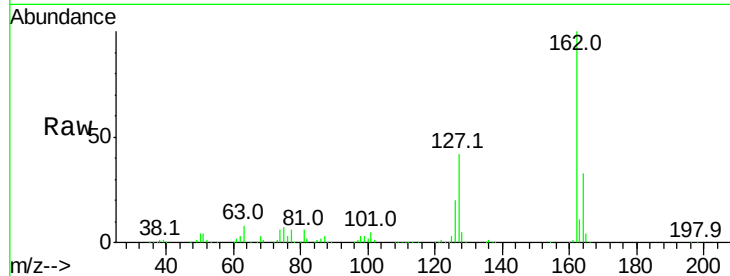
#46
2-Chloronaphthalene
Concen: 45.44 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PB91406BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.1	35.2	52.8	
164	33.4	26.6	39.8	

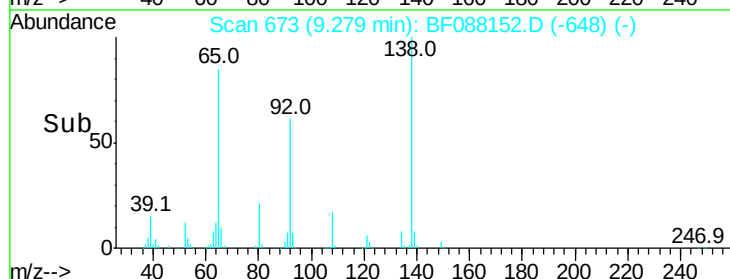
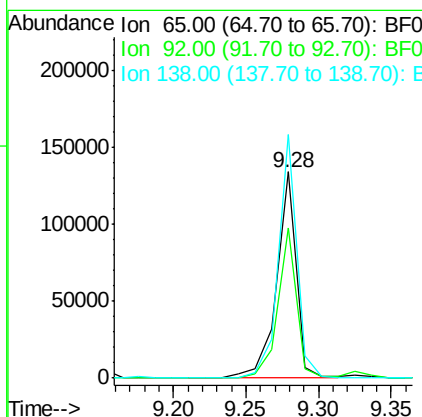
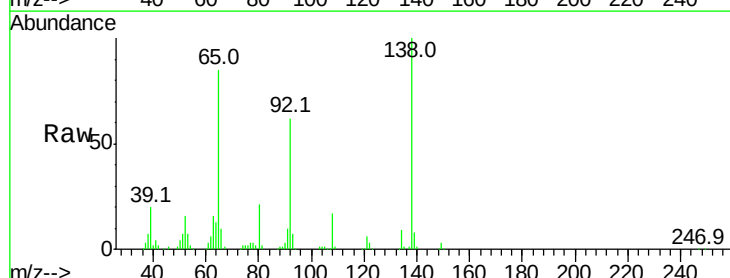
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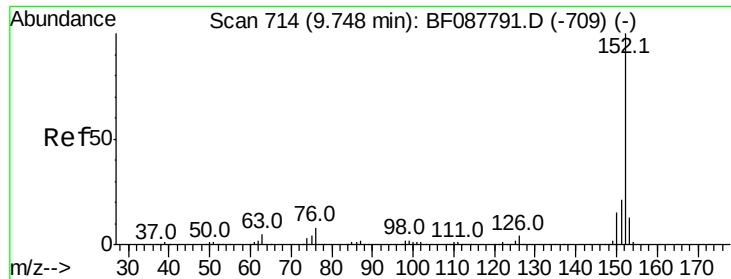
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#47
2-Nitroaniline
Concen: 44.53 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	72.6	54.6	82.0	
138	118.0	77.0	115.4	





#48

Acenaphthylene

Concen: 42.86 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

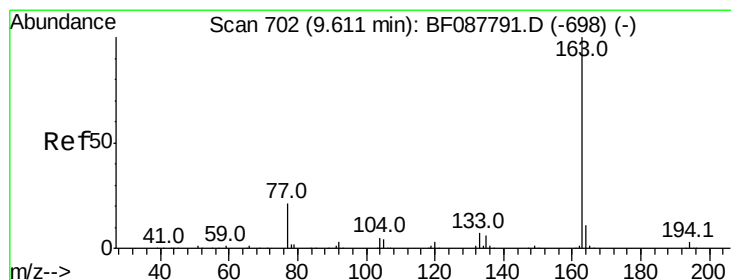
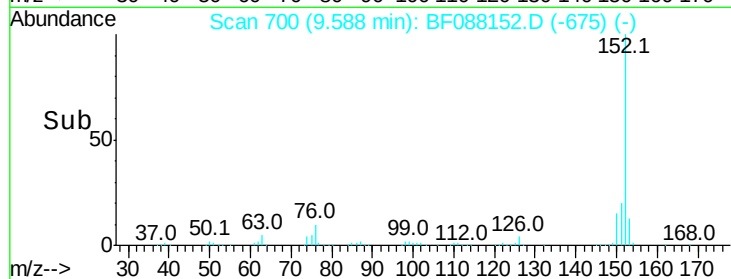
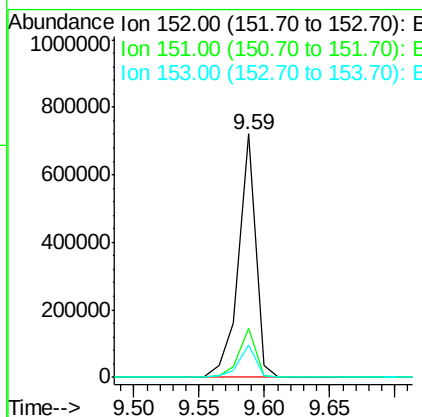
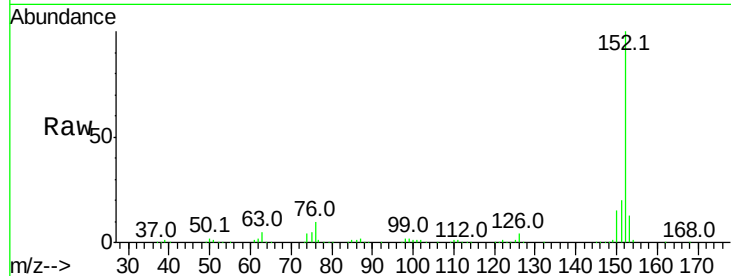
ClientSampleId :

PB91406BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		652656		
151	20.4	16.2	24.4		
153	13.4	11.0	16.6		

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#49

Dimethylphthalate

Concen: 51.55 ng

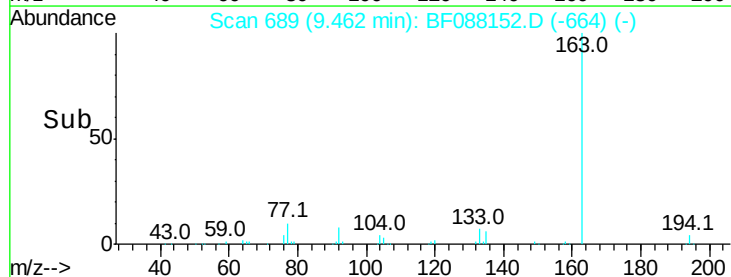
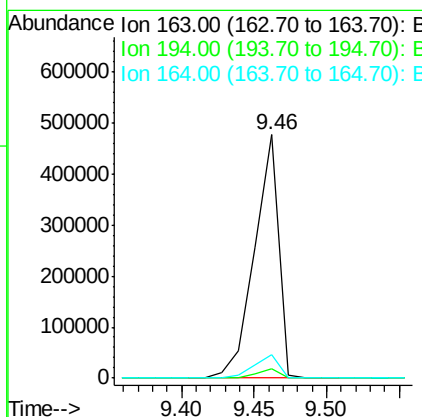
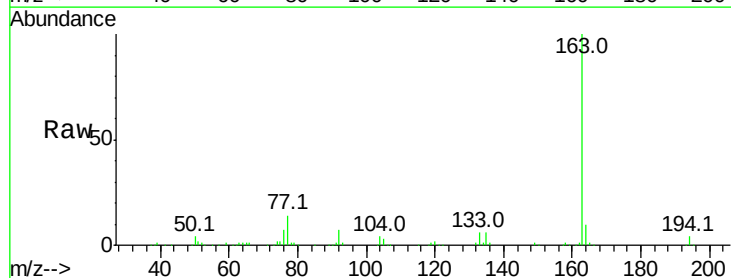
RT: 9.46 min Scan# 689

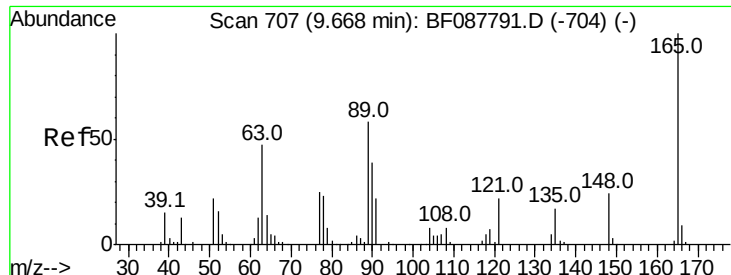
Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		552488		
194	3.7	2.8	4.2		
164	9.8	8.3	12.5		





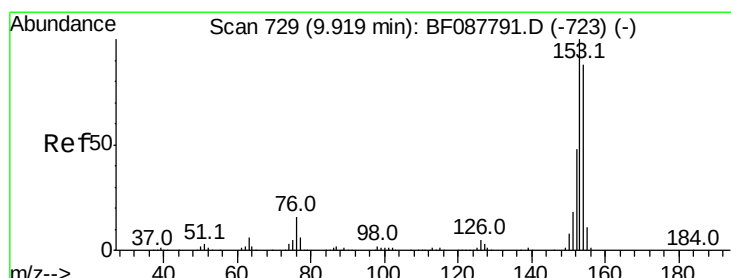
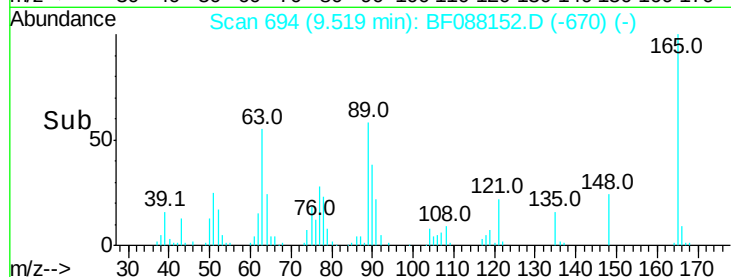
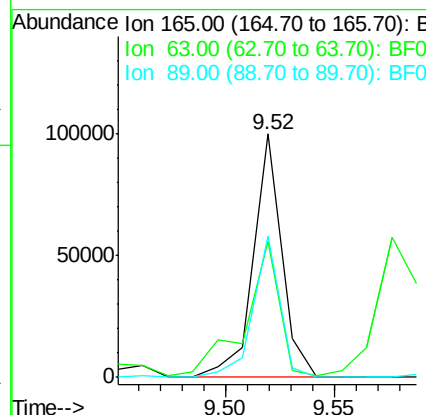
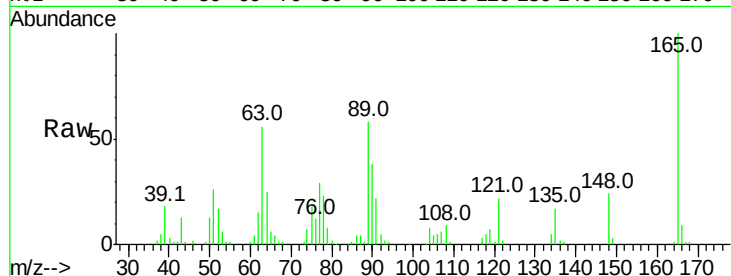
#50
2,6-Dinitrotoluene
Concen: 37.04 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampled :
PB91406BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	55.8	28.1	42.1#
89	57.9	32.2	48.2#

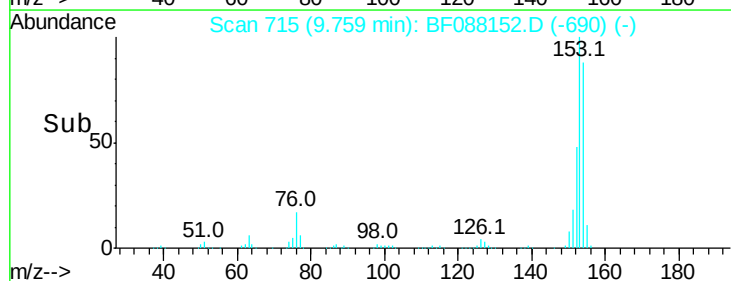
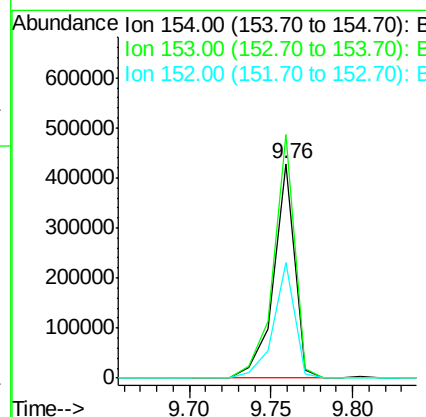
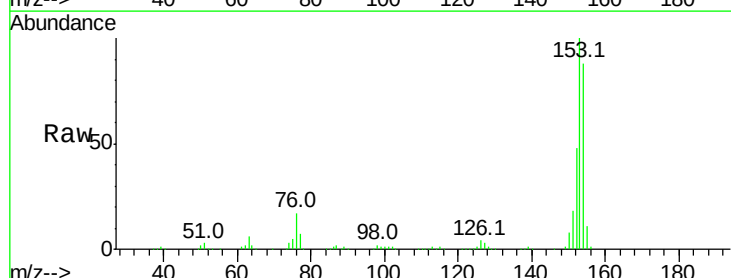
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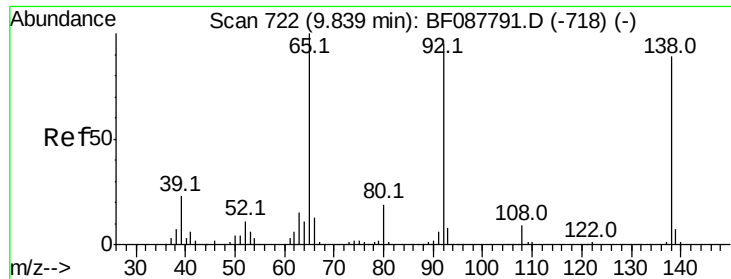
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#51
Acenaphthene
Concen: 40.97 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.5	89.5	134.3
152	54.2	42.7	64.1





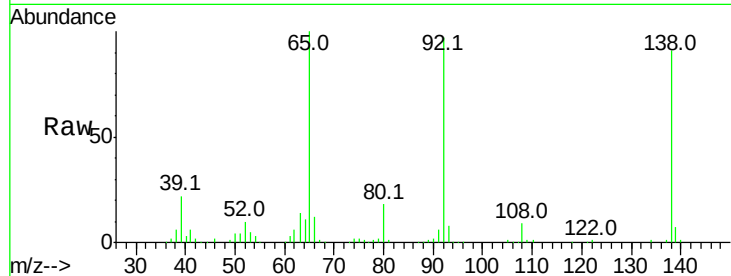
#52
 3-Nitroaniline
 Concen: 41.18 ng
 RT: 9.69 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91406BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	116628		
108	9.8	8.5	12.7	
92	106.5	95.7	143.5	

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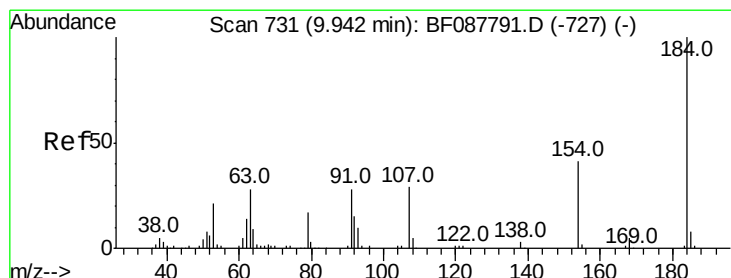
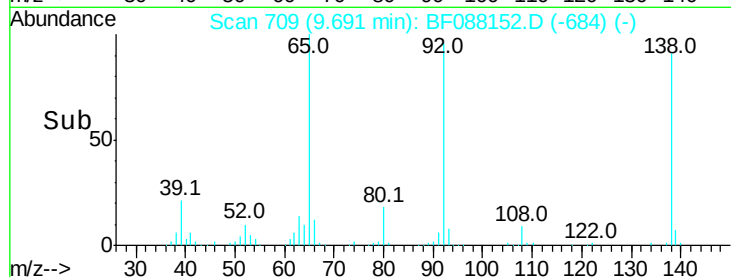
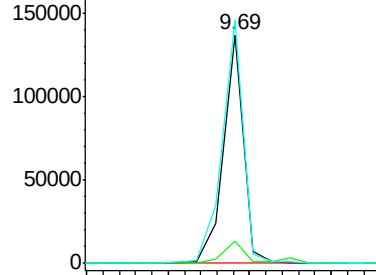


Abundance

Ion 138.00 (137.70 to 138.70): E

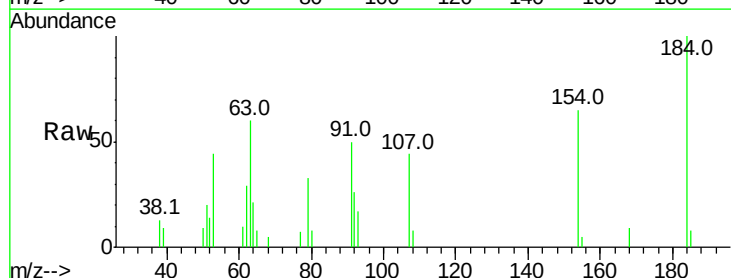
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#53
 2,4-Dinitrophenol
 Concen: 10.44 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	8297		
63	59.7	57.6	86.4	
154	65.3	53.5	80.3	

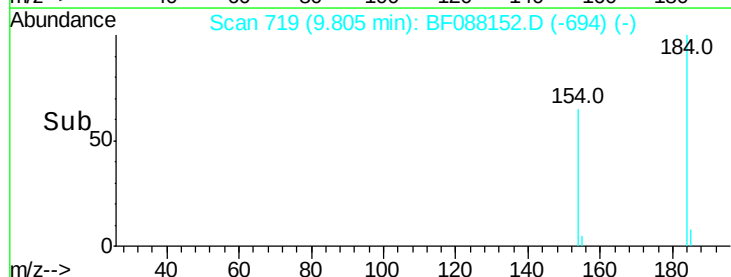
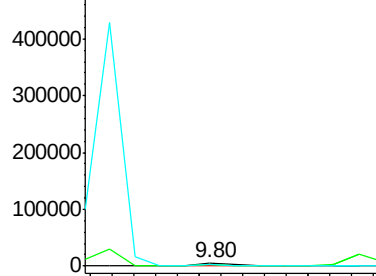


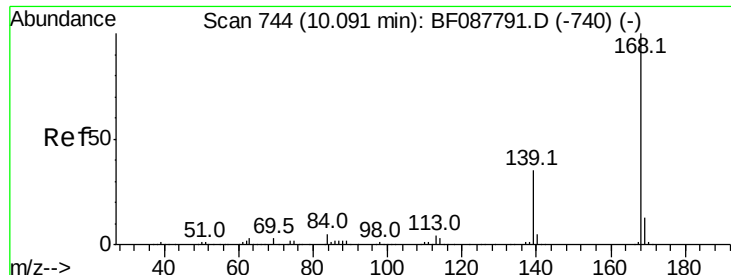
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 42.58 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

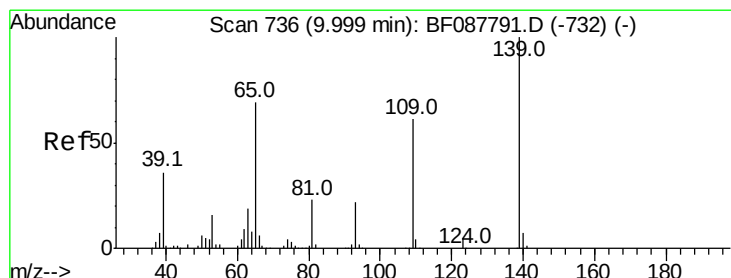
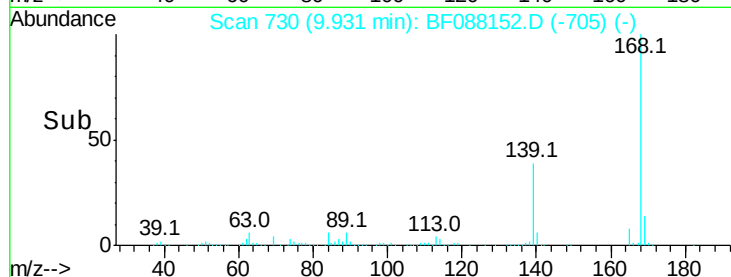
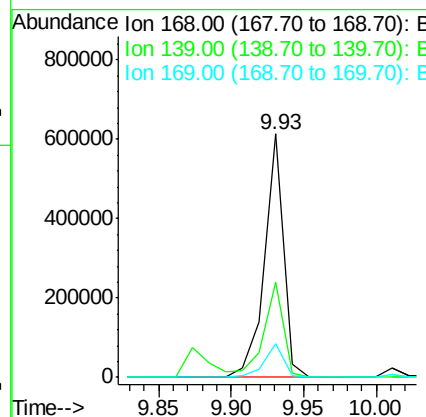
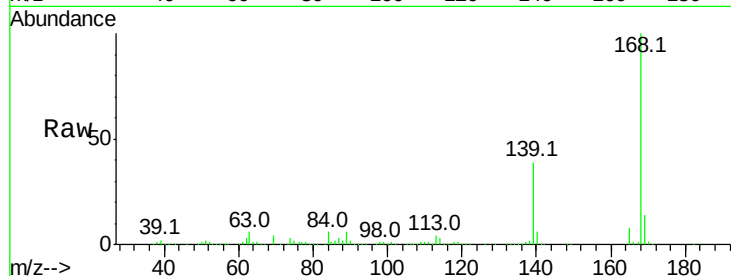
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Tot Ion:168	Resp:	557052
Ion Ratio	Lower	Upper
168 100		
139 38.8	26.4	39.6
169 13.8	10.4	15.6



#55

4-Nitrophenol

Concen: 39.17 ng

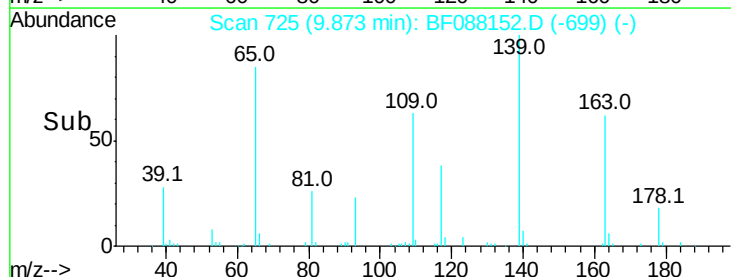
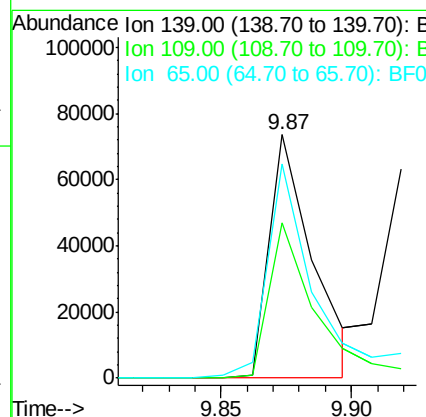
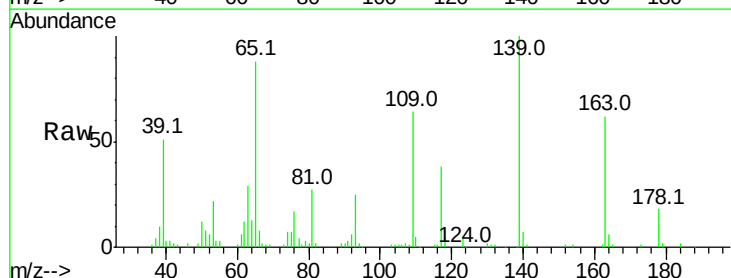
RT: 9.87 min Scan# 725

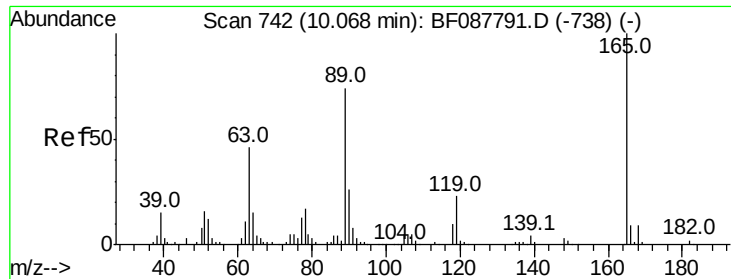
Delta R.T. 0.00 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Tgt Ion:139	Resp:	86108
Ion Ratio	Lower	Upper
139 100		
109 64.0	48.9	88.9
65 88.1	84.9	124.9





#56

2,4-Dinitrotoluene

Concen: 30.61 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

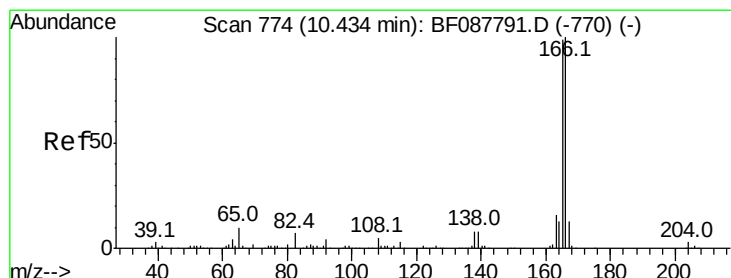
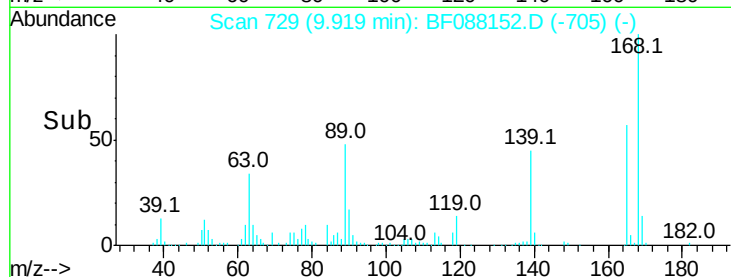
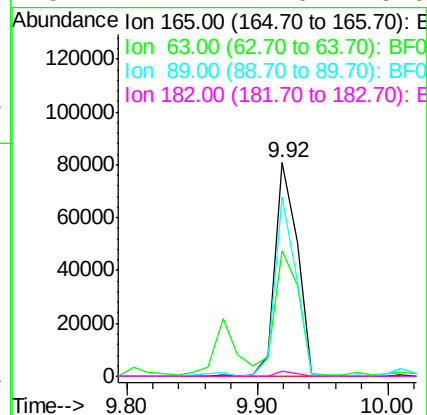
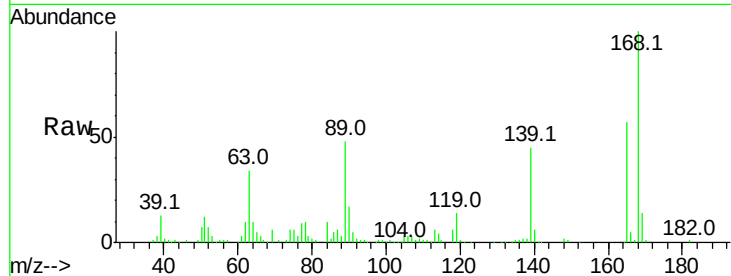
ClientSampleId :

PB91406BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.0	22.0	33.0#	
89	83.6	41.1	61.7#	
182	2.2	2.0	3.0	

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#57

Fluorene

Concen: 48.71 ng

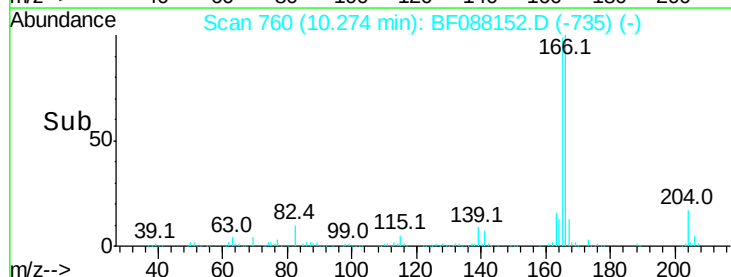
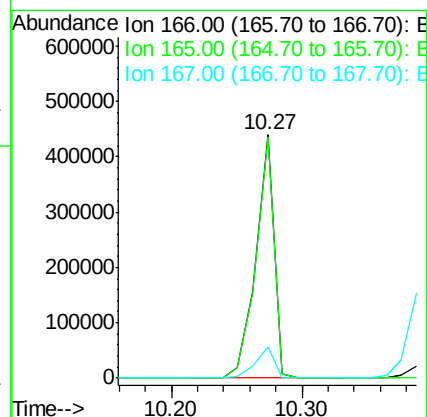
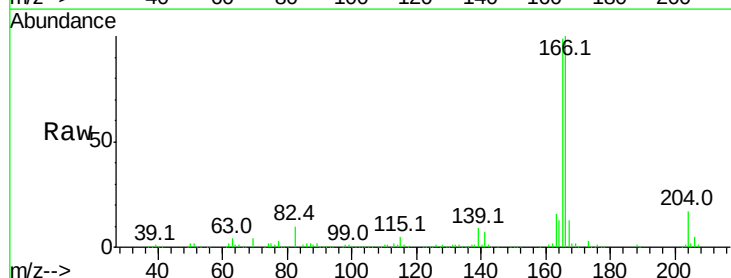
RT: 10.27 min Scan# 760

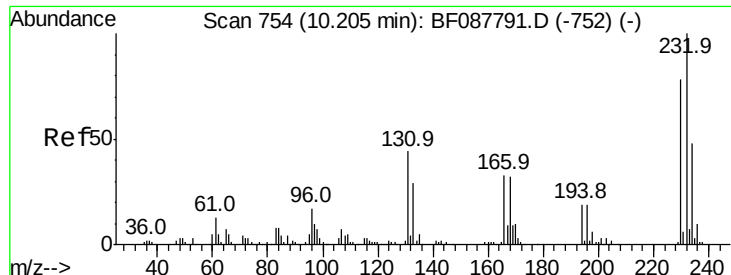
Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.0	77.8	116.8	
167	13.0	11.2	16.8	





#58

2,3,4,6-Tetrachlorophenol

Concen: 36.67 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

Tot Ion:232 Resp: 88712

Ion Ratio Lower Upper

232 100

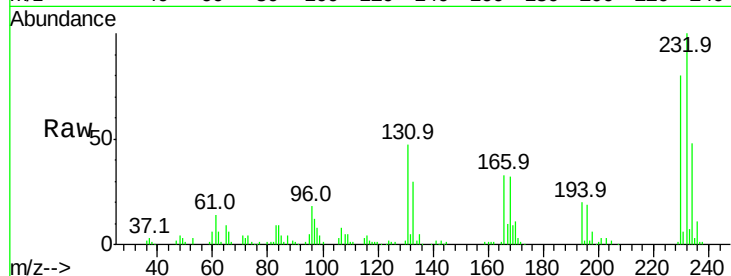
131 43.6 0.9 1.3#

130 1.8 1.5 2.3

166 30.0 0.5 0.7#

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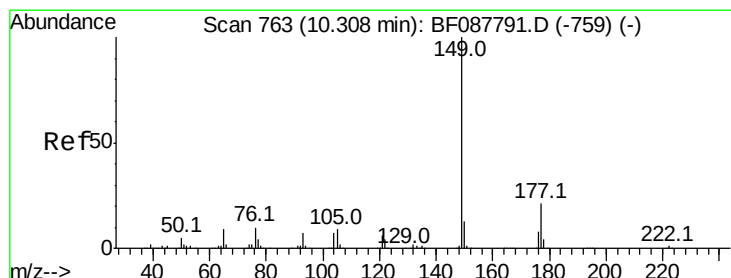
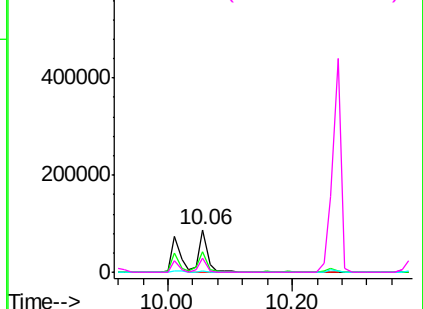
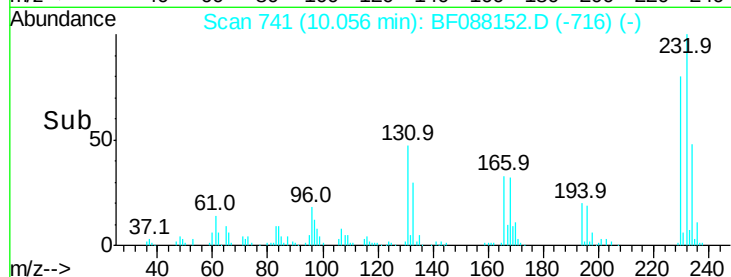


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 47.91 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

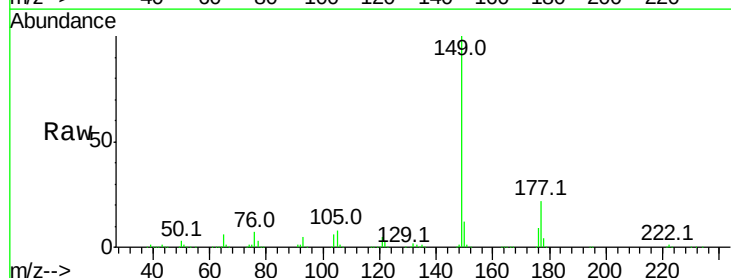
Tgt Ion:149 Resp: 519772

Ion Ratio Lower Upper

149 100

177 22.2 16.9 25.3

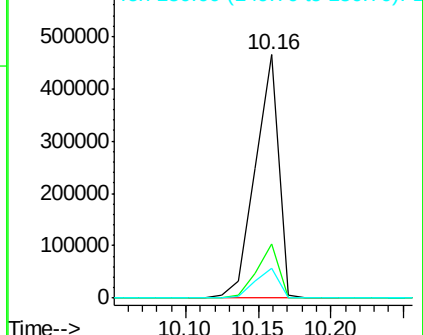
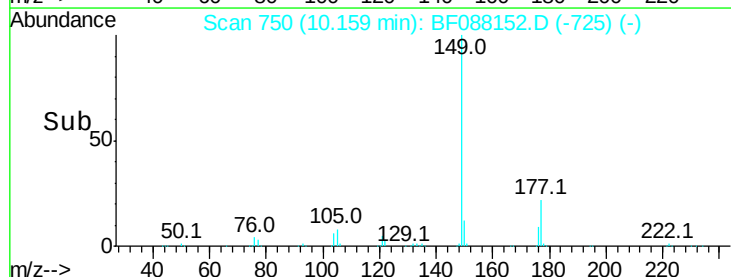
150 12.1 10.1 15.1

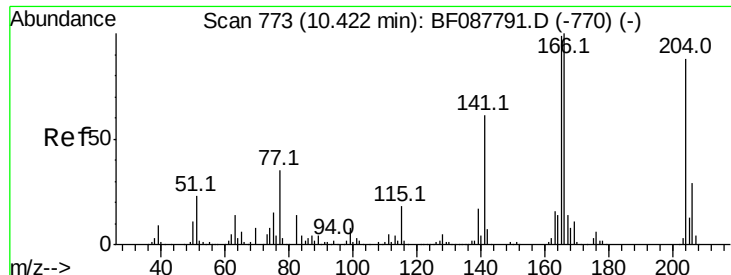


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





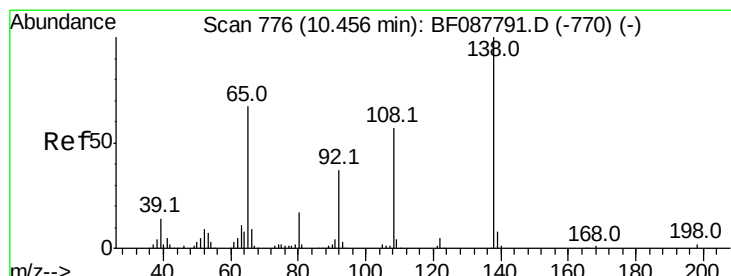
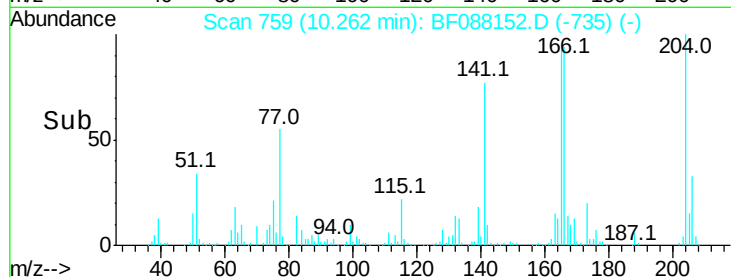
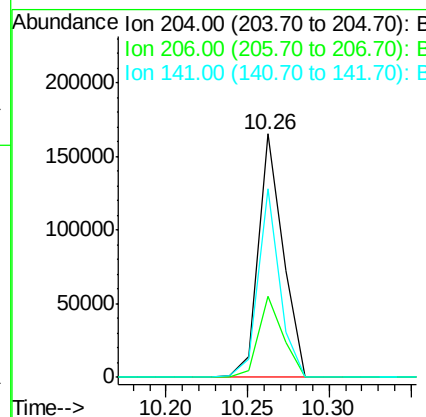
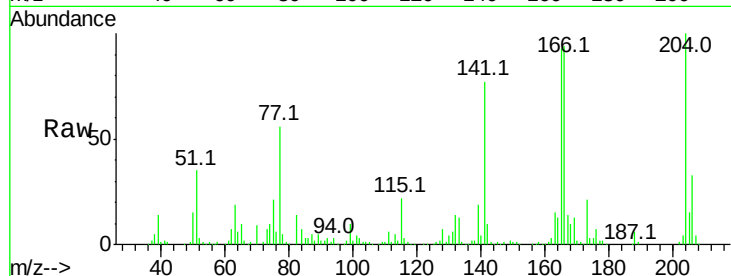
#60
 4-Chlorophenyl-phenylether
 Concen: 40.03 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Instrument :
 BNA_F
 ClientSampled :
 PB91406BS

Tot Ion:	204	Resp:	174172
Ion Ratio	Lower	Upper	
204	100		
206	33.1	26.3	39.5
141	77.3	55.0	82.6

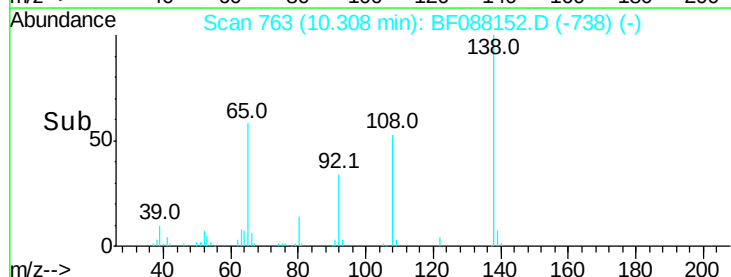
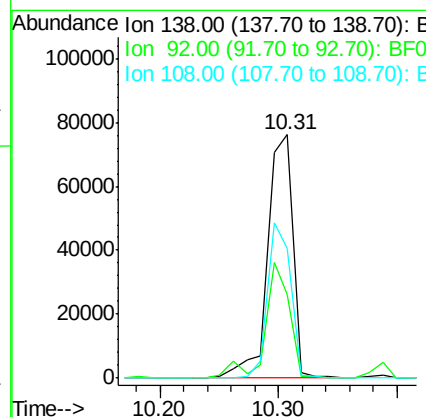
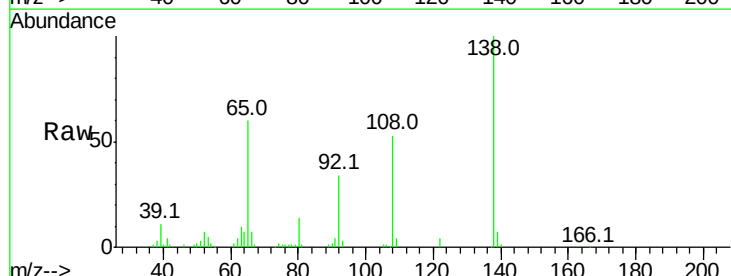
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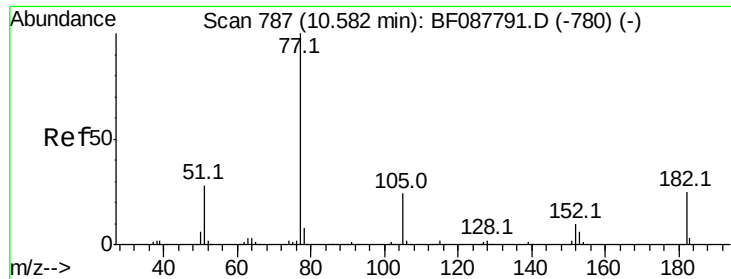
sohil
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#61
 4-Nitroaniline
 Concen: 42.13 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Tgt Ion:	138	Resp:	113190
Ion Ratio	Lower	Upper	
138	100		
92	34.3	27.3	67.3
108	53.4	46.7	86.7





#62

Azobenzene

Concen: 40.90 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

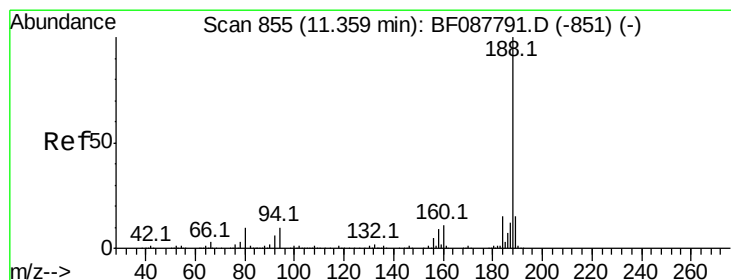
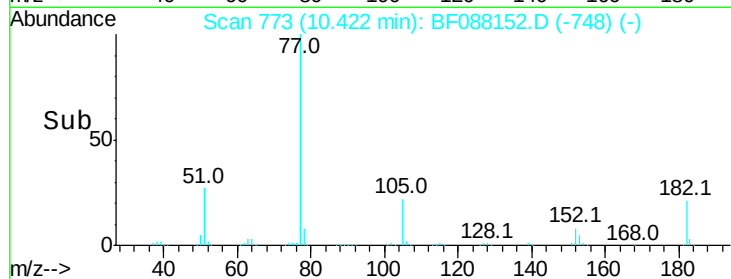
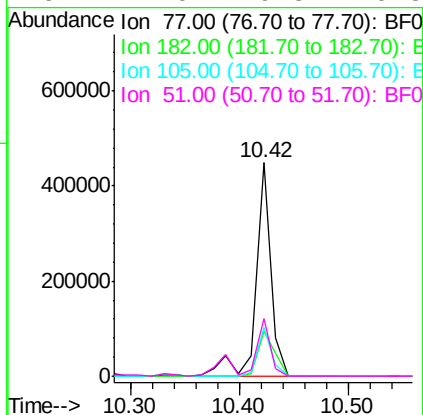
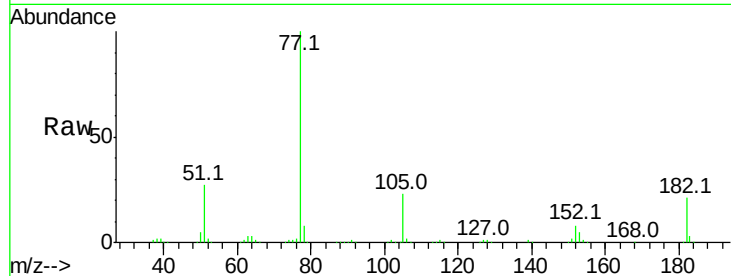
PB91406BS

Manual Integrations
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	21.2	4.4	44.4		
105	22.9	3.8	43.8		
51	27.0	9.3	49.3		



#63

Phenanthrene-d10

Concen: 20.00 ng

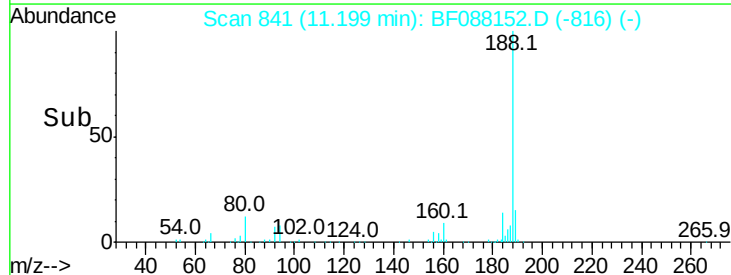
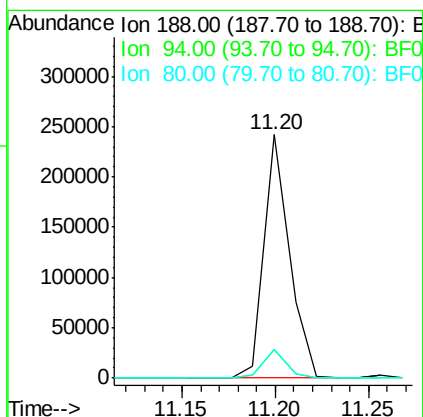
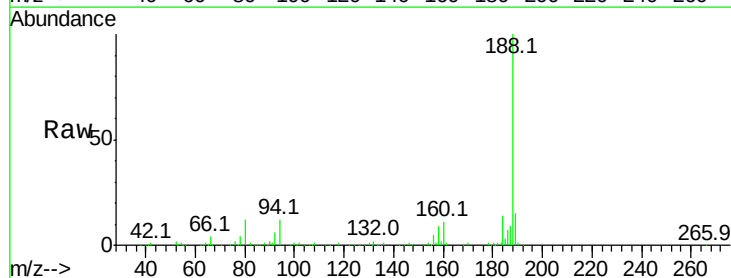
RT: 11.20 min Scan# 841

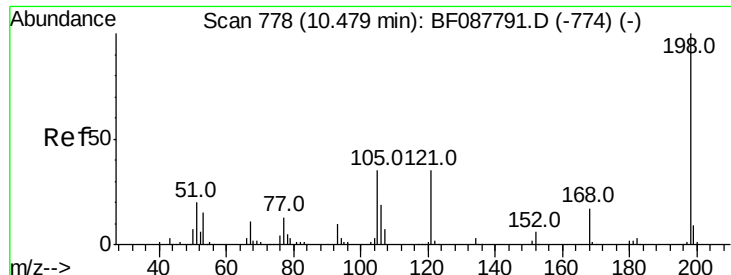
Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	11.6	9.0	13.6		
80	12.0	10.0	15.0		





#64

4,6-Dinitro-2-methylphenol

Concen: 9.20 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PB91406BS

Tot Ion:198 Resp: 10466

Ion Ratio Lower Upper

198 100

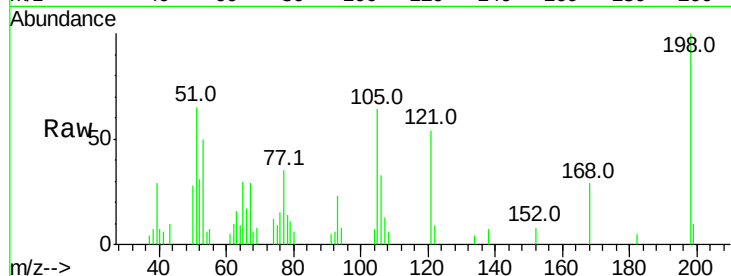
51 64.5 39.6 79.6

105 63.9 36.6 76.6

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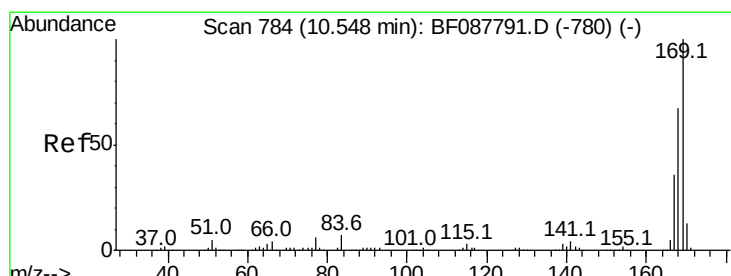
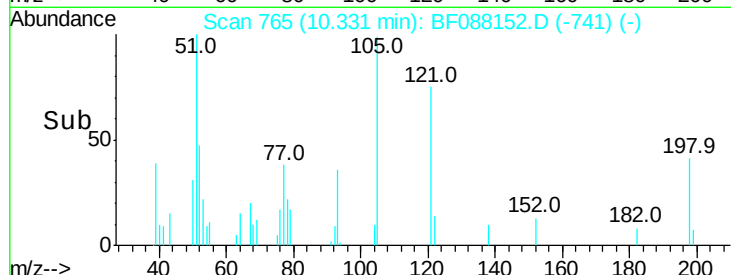
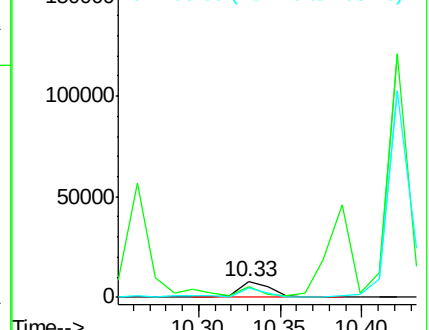
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 50.04 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

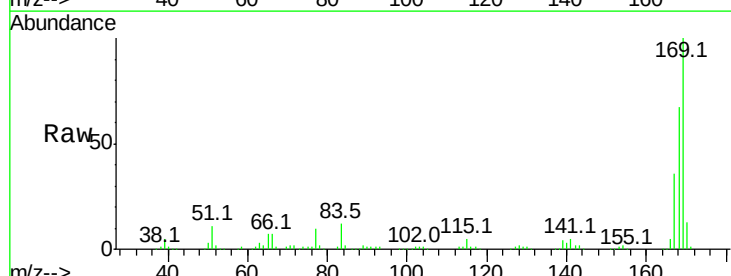
Tgt Ion:169 Resp: 377610

Ion Ratio Lower Upper

169 100

168 67.5 53.4 80.0

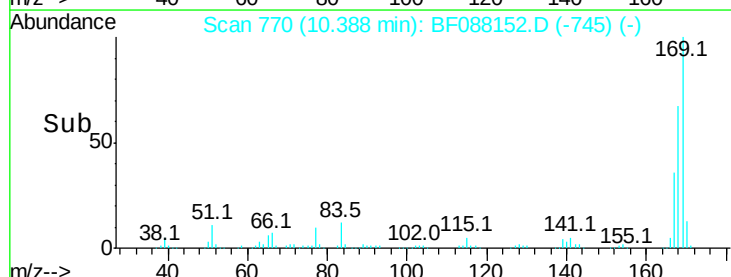
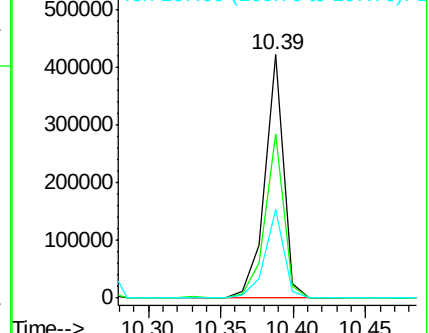
167 36.5 29.4 44.0

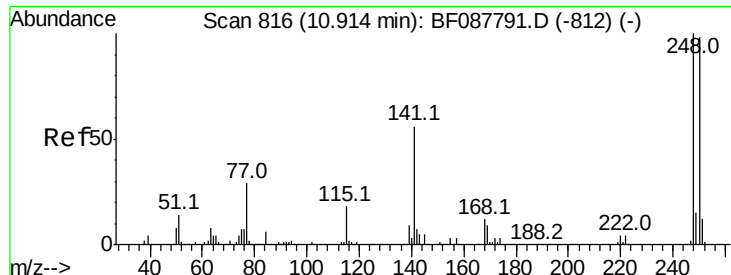


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





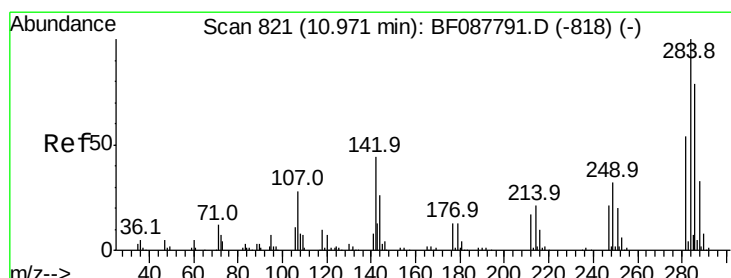
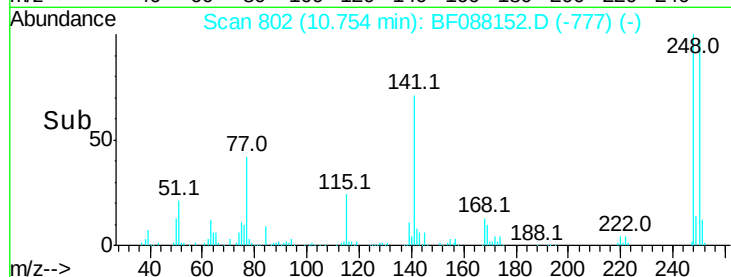
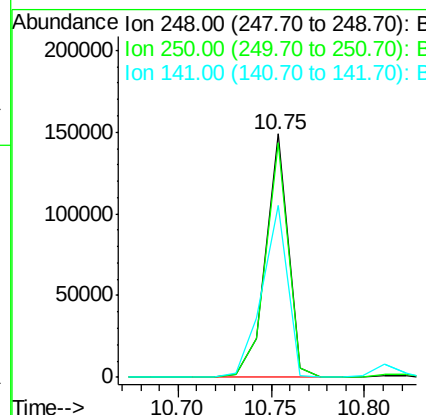
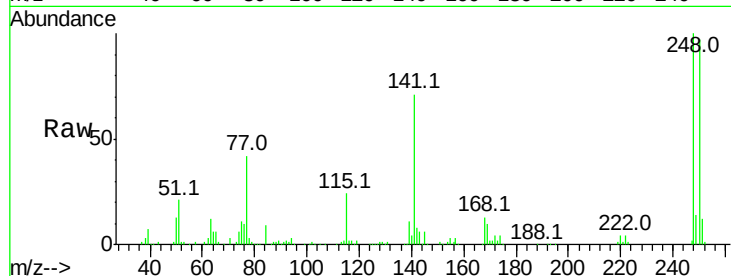
#66
4-Bromophenyl-phenylether
Concen: 50.57 ng
RT: 10.75 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PB91406BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.1	115.7
141	70.6	50.6	76.0

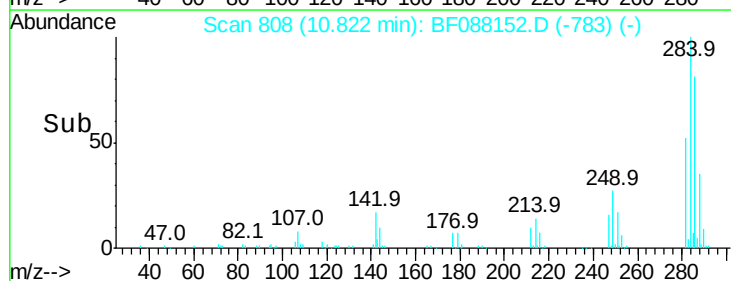
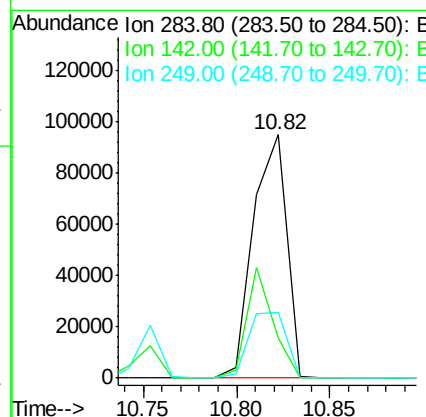
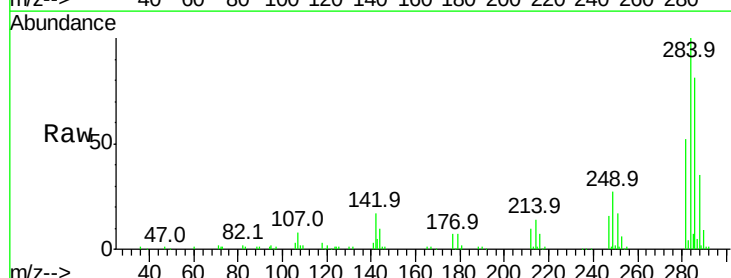
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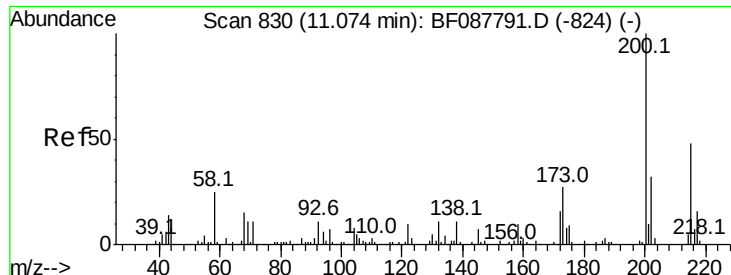
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#67
Hexachlorobenzene
Concen: 46.33 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	16.5	35.8	53.8#
249	27.1	25.8	38.6





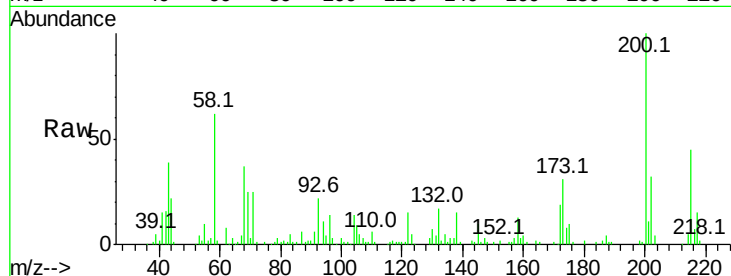
#68
Atrazine
Concen: 38.79 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampled :
PB91406BS

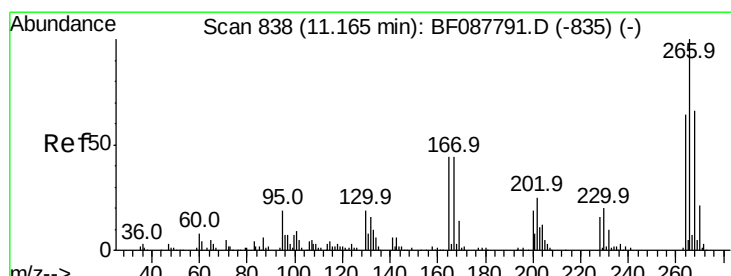
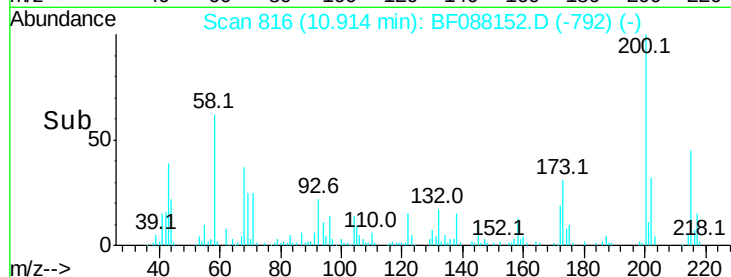
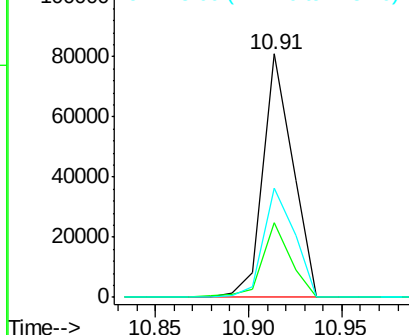
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	30.7	4.0	44.0
215	44.8	29.3	69.3

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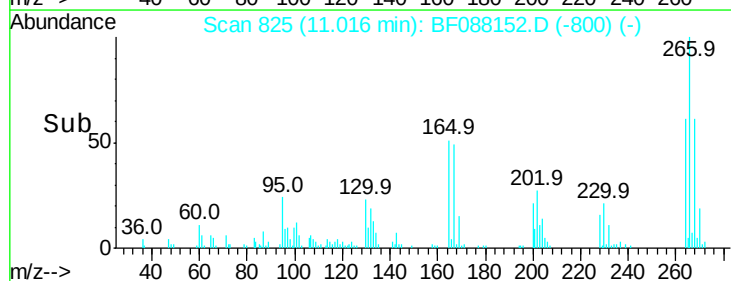
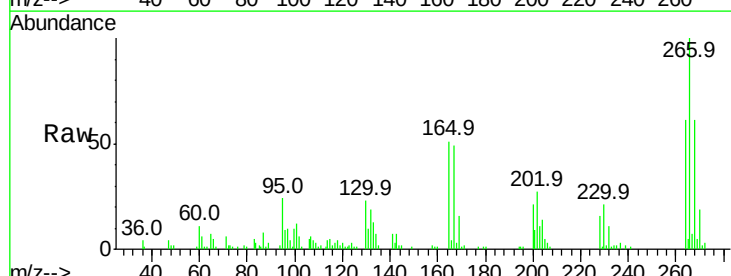
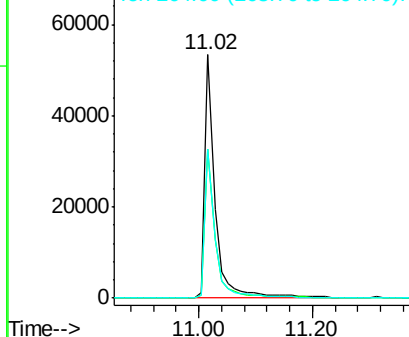
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

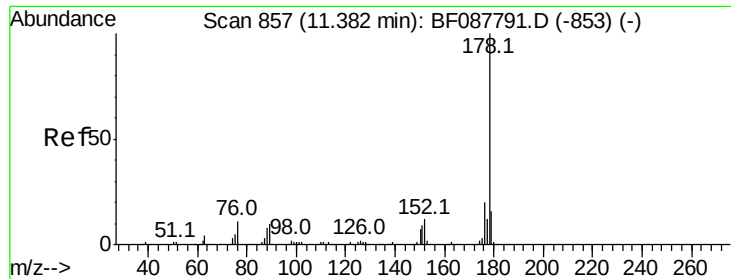


#69
Pentachlorophenol
Concen: 48.65 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.0	52.8	79.2
264	61.3	49.6	74.4

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: 45.81 ng

RT: 11.22 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

ClientSampled :

PB91406BS

Tot Ion:178 Resp: 546670

Ion Ratio Lower Upper

178 100

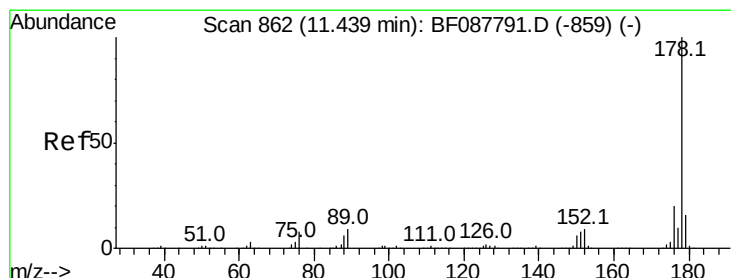
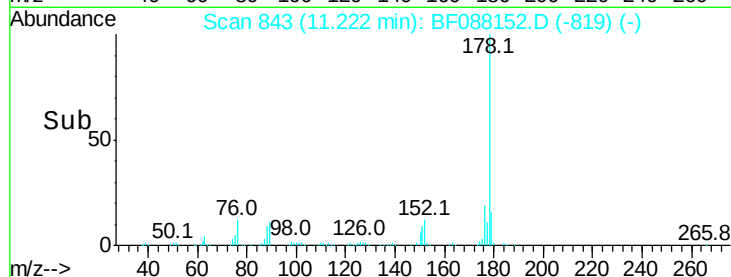
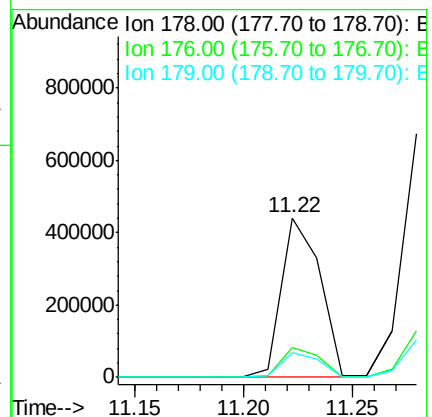
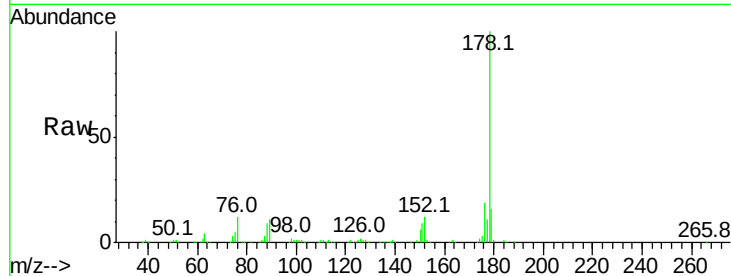
176 19.1 15.8 23.6

179 15.9 13.0 19.4

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#71

Anthracene

Concen: 48.23 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

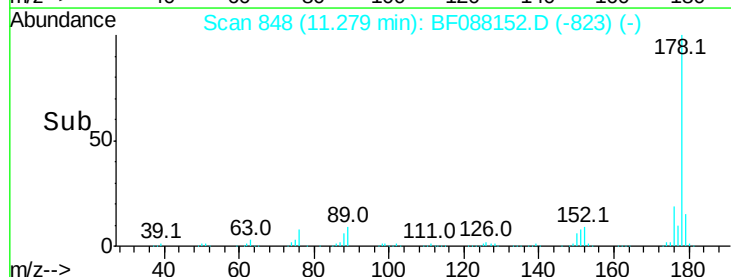
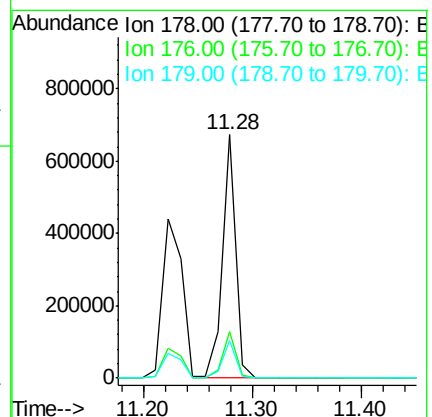
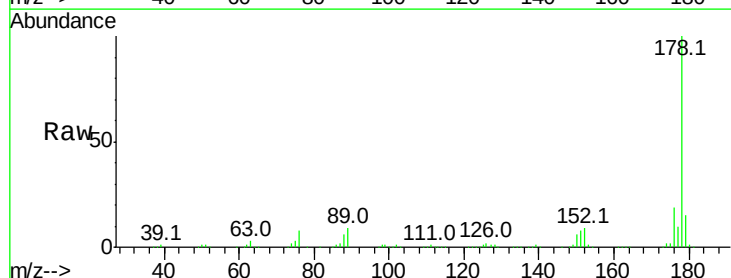
Tgt Ion:178 Resp: 580594

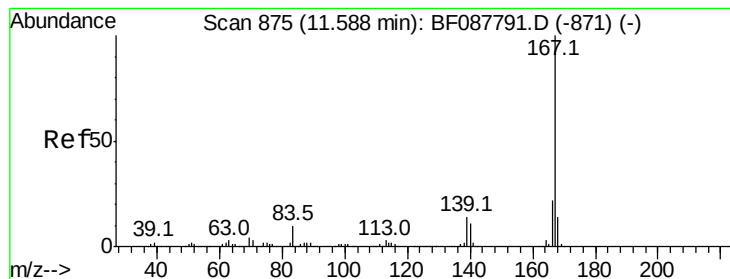
Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

179 15.4 12.8 19.2





#72

Carbazole

Concen: 47.65 ng

RT: 11.44 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

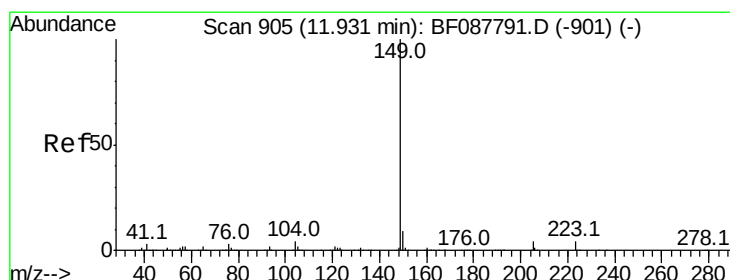
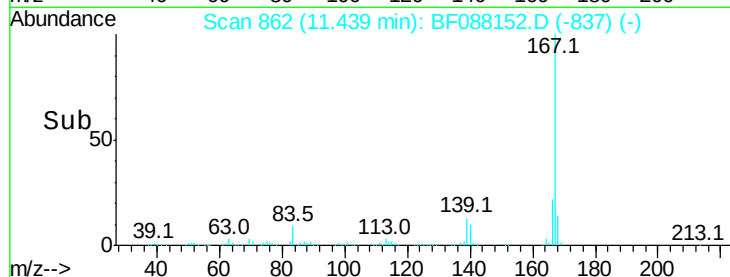
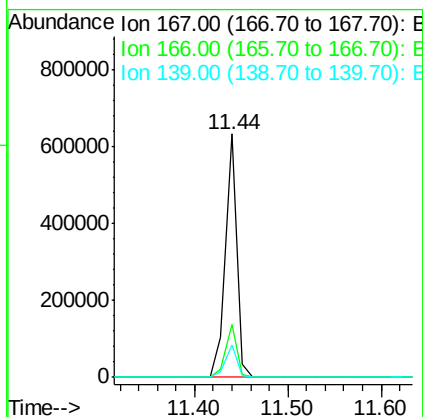
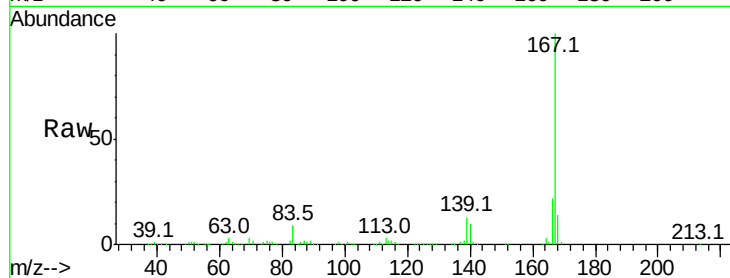
ClientSampleId :

PB91406BS

Tot Ion:	167	Resp:	536795
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.8	26.6
139	13.3	11.2	16.8

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#73

Di-n-butylphthalate

Concen: 46.38 ng

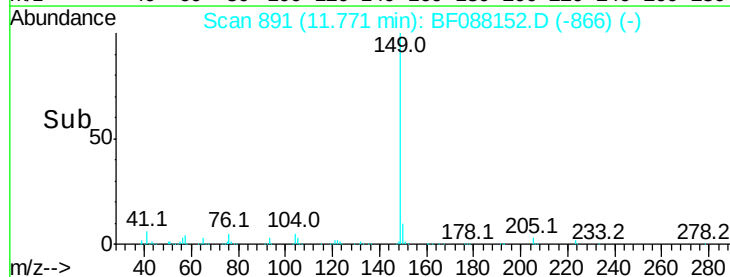
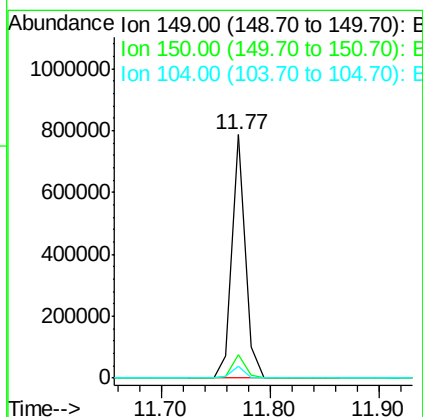
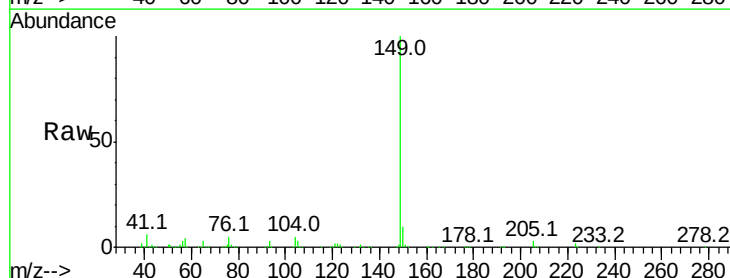
RT: 11.77 min Scan# 891

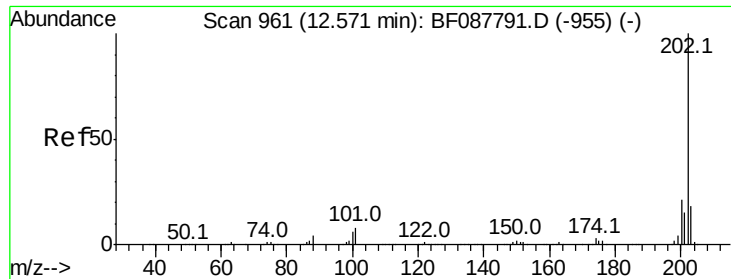
Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Tgt Ion:	149	Resp:	661470
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.9	4.0	6.0





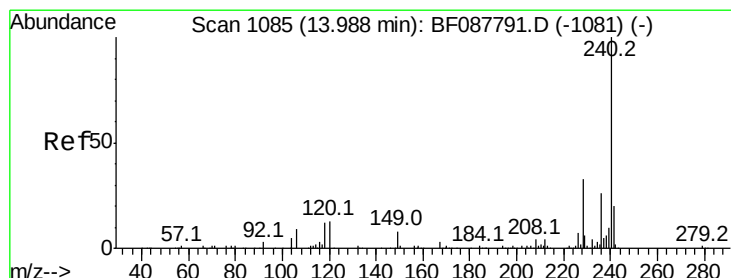
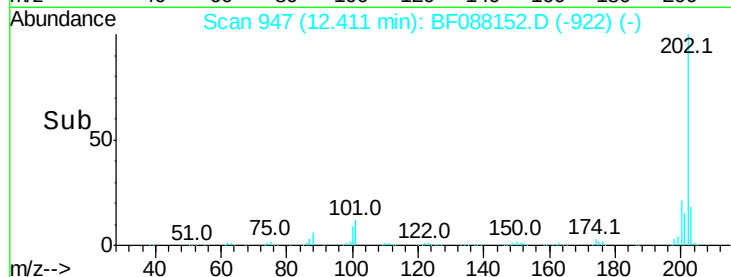
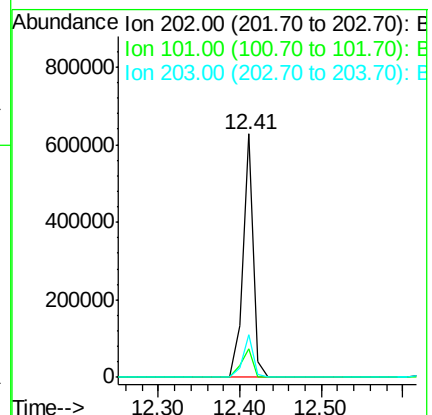
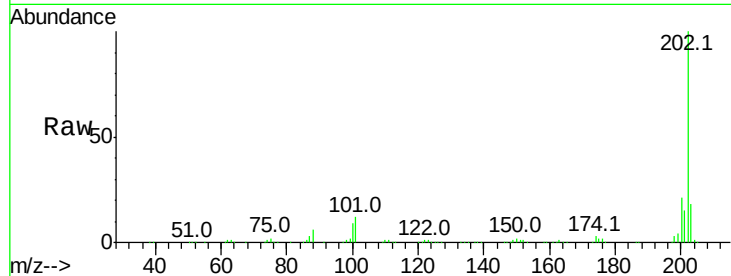
#74
 Fluoranthene
 Concen: 44.01 ng
 RT: 12.41 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Instrument :
 BNA_F
 ClientSampleId :
 PB91406BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	554227		
101	11.8	0.0	33.1	
203	17.7	0.0	38.1	

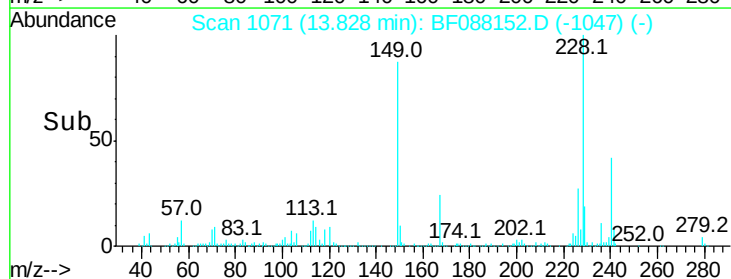
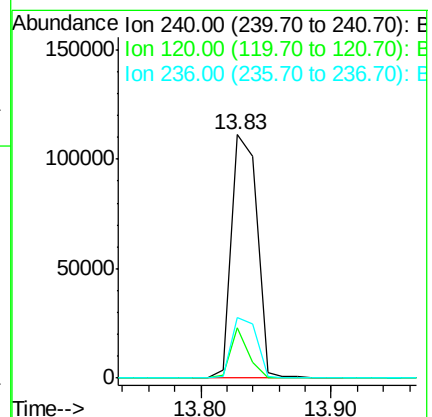
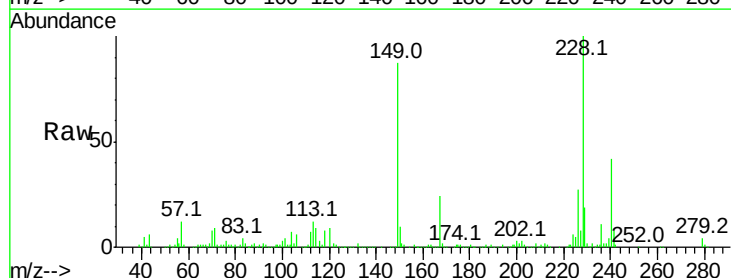
Manual Integrations
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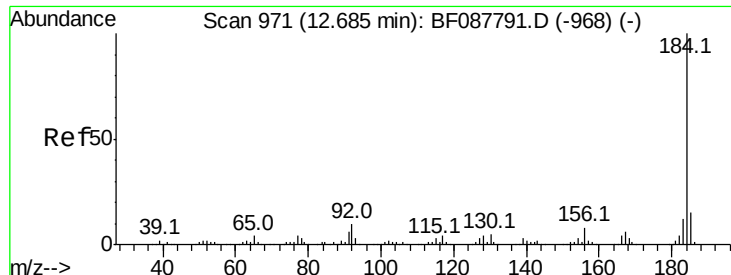
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.02 min
 Lab File: BF088152.D
 Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	151357		
120	20.4	6.8	10.2#	
236	25.1	20.2	30.2	





#76

Benzidine

Concen: 47.46 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

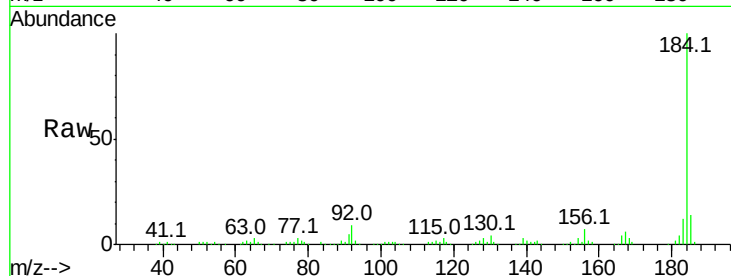
ClientSampleId :

PB91406BS

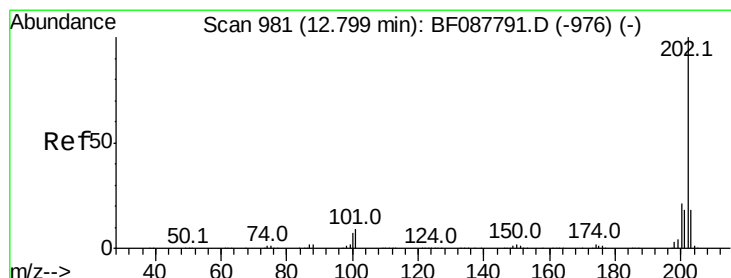
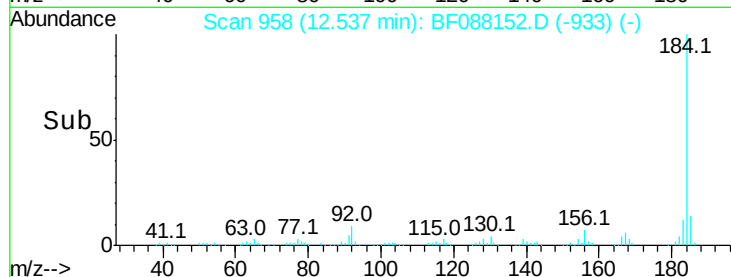
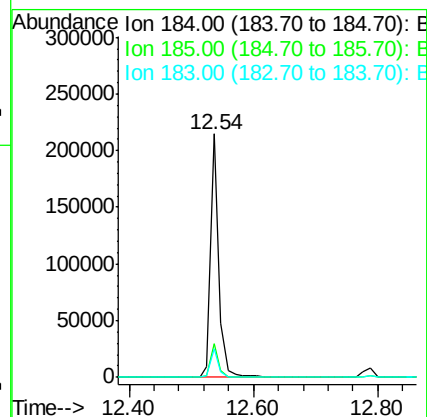
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Tot Ion	184	185	183
Ratio	100	14.1	11.7
Resp Lower		12.5	9.3
Upper		18.7	13.9



#77

Pyrene

Concen: 50.02 ng

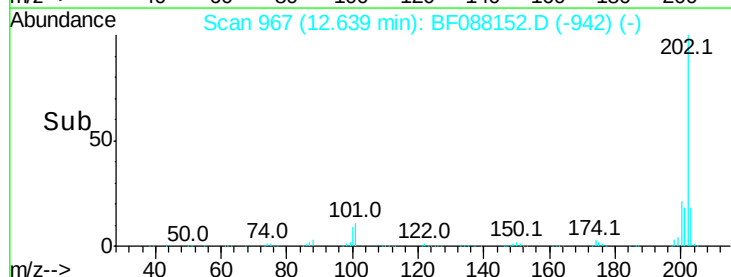
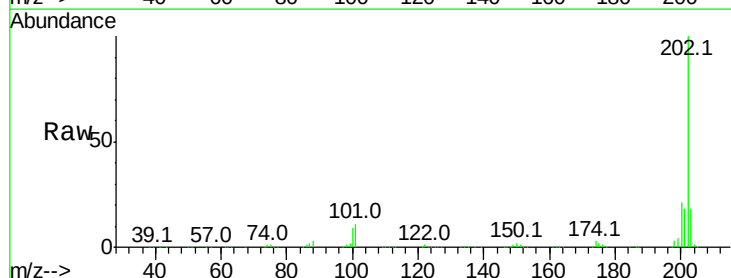
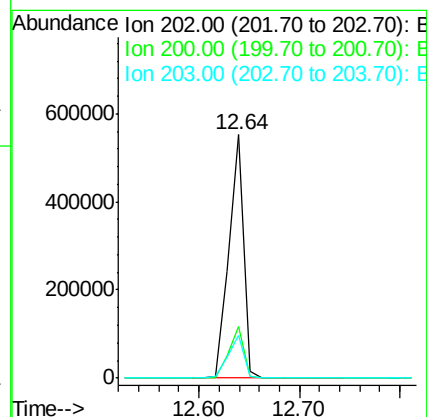
RT: 12.64 min Scan# 967

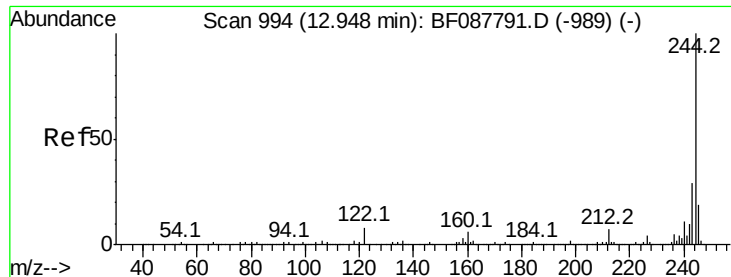
Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Tgt Ion	202	200	203
Ratio	100	21.4	17.6
Resp Lower		17.4	14.5
Upper		26.2	21.7





#78

Terphenyl-d14

Concen: 96.75 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

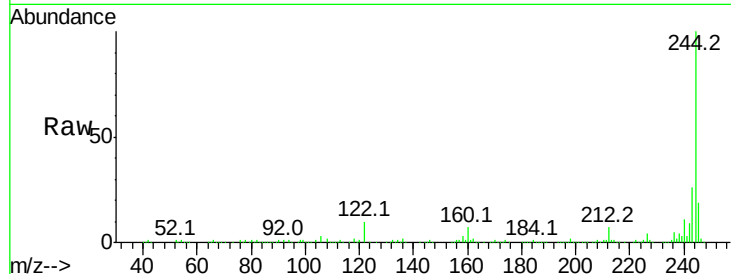
ClientSampleId :

PB91406BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.0	6.0	9.0	
122	9.5	11.2	16.8	

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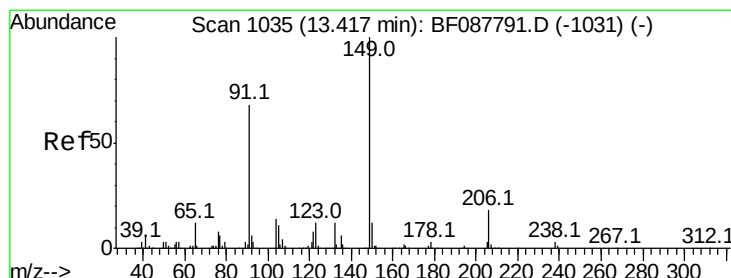
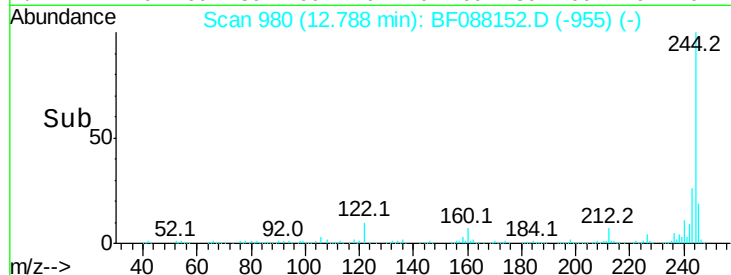
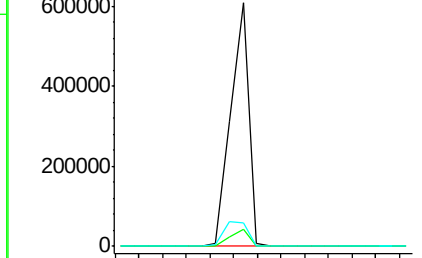
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 52.94 ng

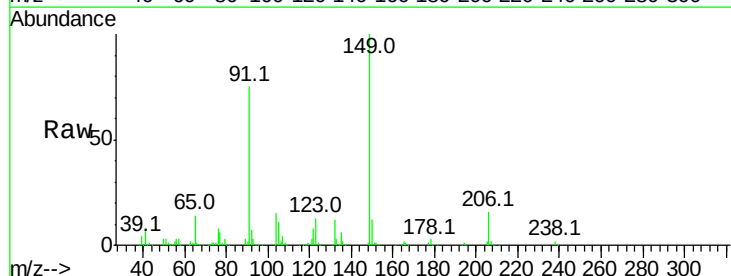
RT: 13.26 min Scan# 1021

Delta R.T. -0.02 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

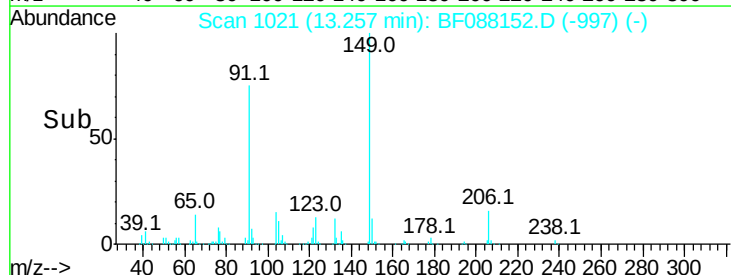
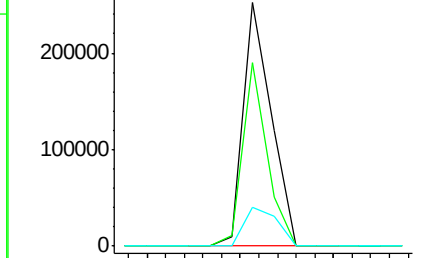
Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	75.3	48.0	72.0	
206	15.8	16.0	24.0	

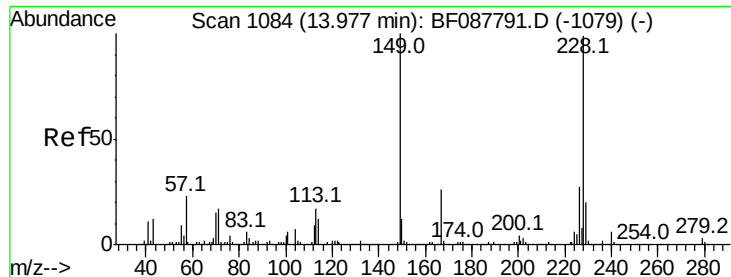


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





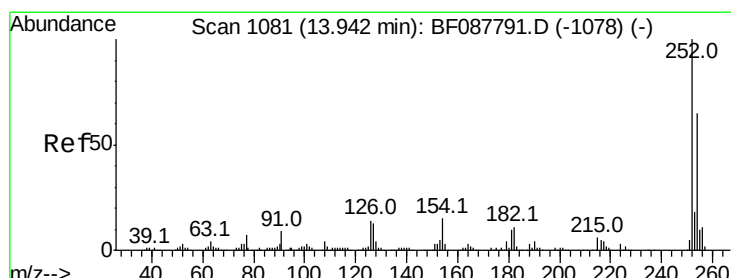
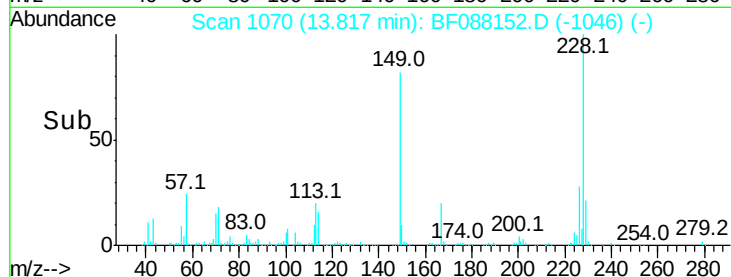
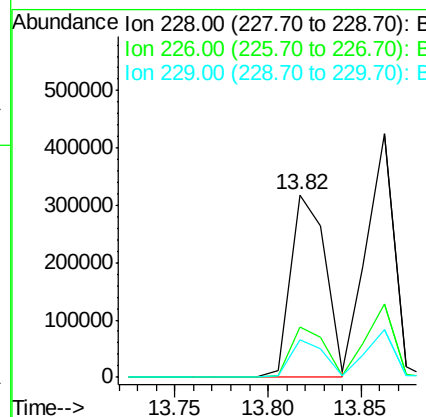
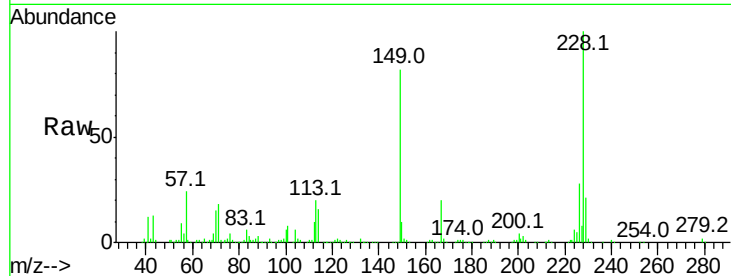
#80
Benzo(a)anthracene
Concen: 48.08 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PB91406BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	20.6	16.0	24.0

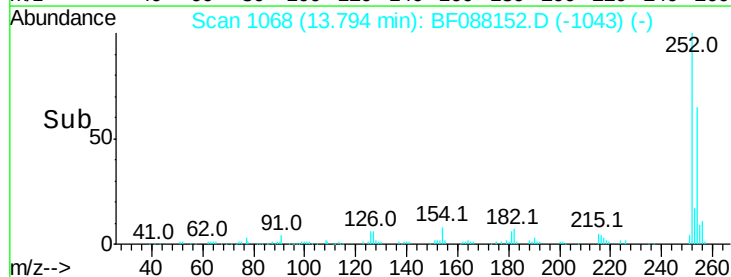
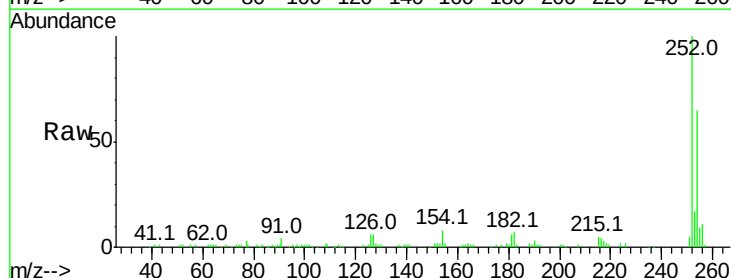
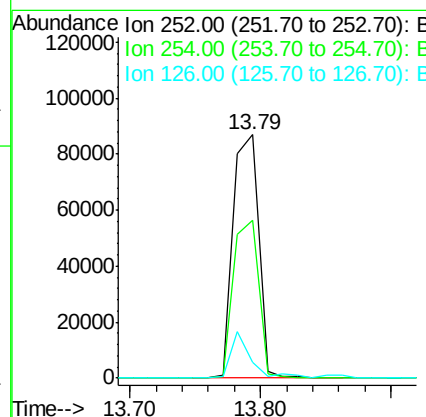
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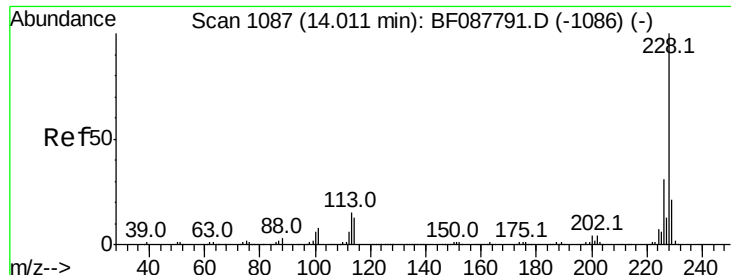
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#81
3,3'-Dichlorobenzidine
Concen: 50.92 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.6	78.8
126	6.3	6.2	9.2





#82

Chrysene

Concen: 54.59 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Instrument :

BNA_F

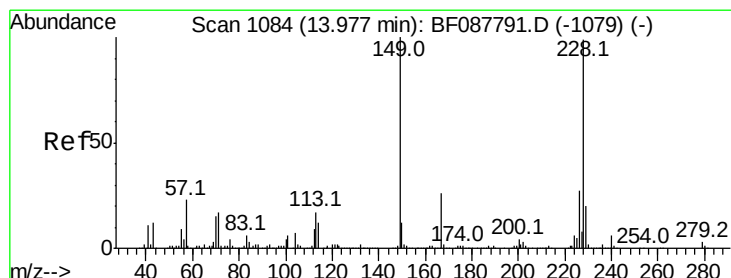
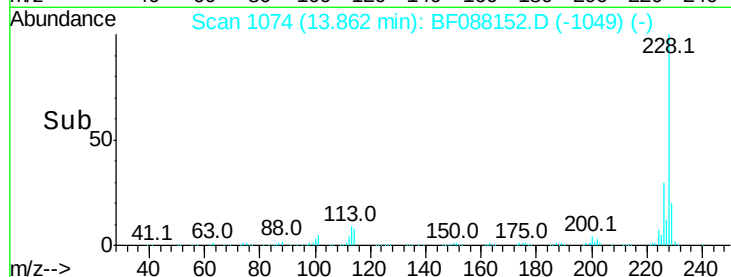
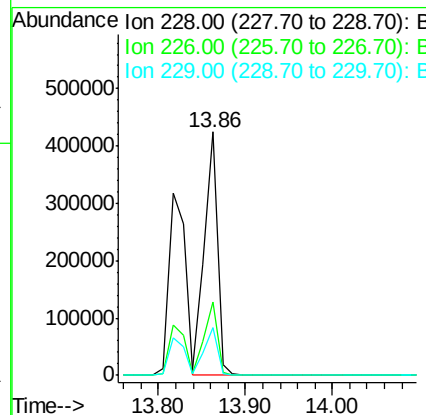
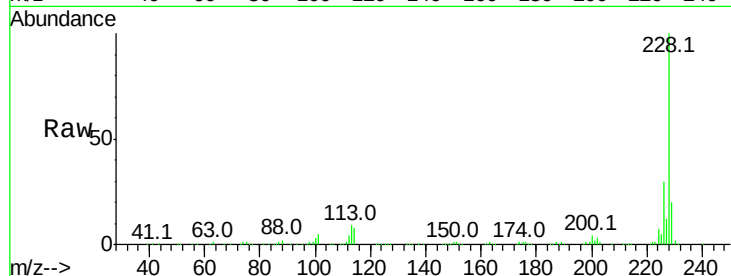
ClientSampled :

PB91406BS

Tot Ion:	228	Resp:	442978
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.4	38.2
229	19.8	16.3	24.5

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#83

Bis(2-ethylhexyl)phthalate

Concen: 57.41 ng

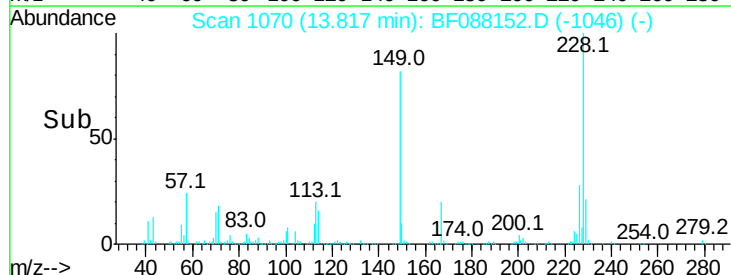
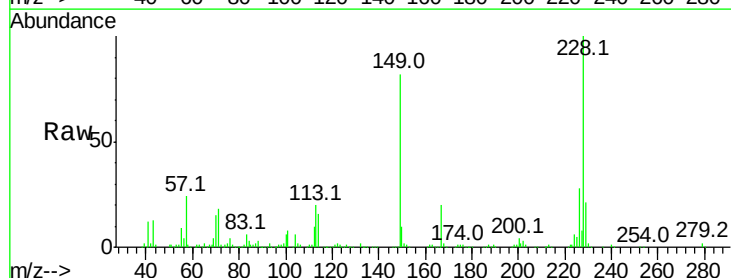
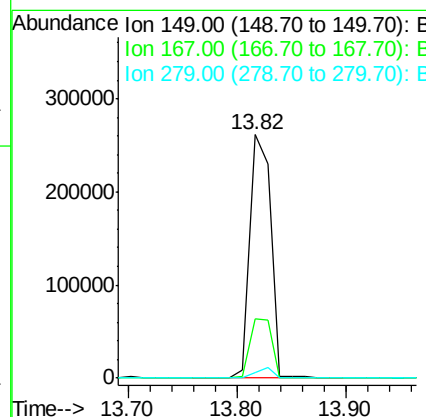
RT: 13.82 min Scan# 1070

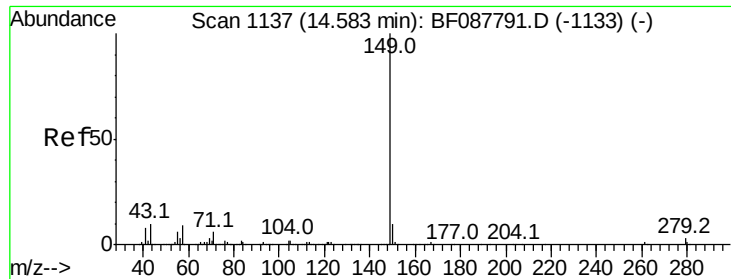
Delta R.T. -0.02 min

Lab File: BF088152.D

Acq: 19 Jun 2016 00:24

Tgt Ion:	149	Resp:	347014
Ion Ratio	Lower	Upper	
149	100		
167	24.3	20.5	30.7
279	2.1	2.0	3.0





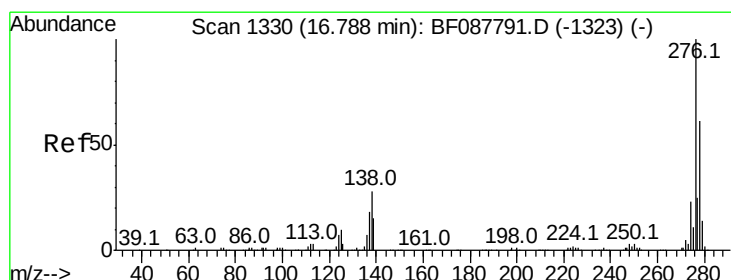
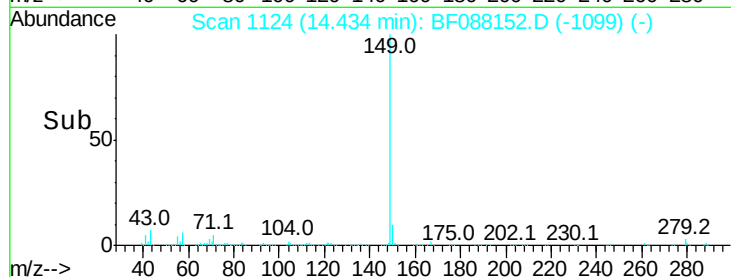
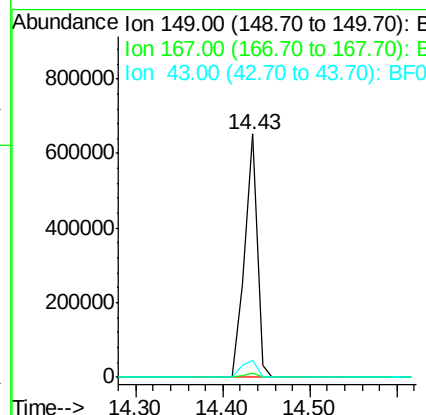
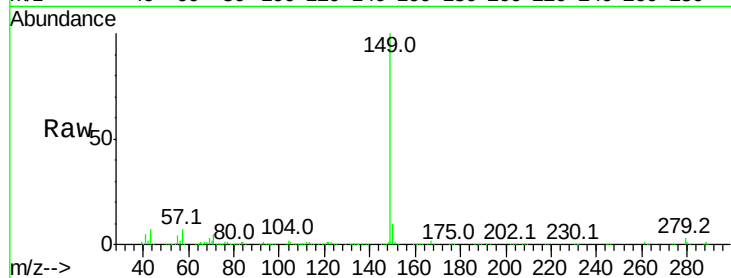
#84
Di-n-octyl phthalate
Concen: 65.72 ng
RT: 14.43 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PB91406BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	0.0	0.0#
43	8.4	0.0	0.0#

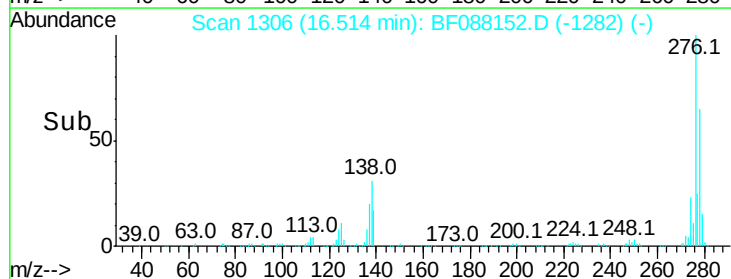
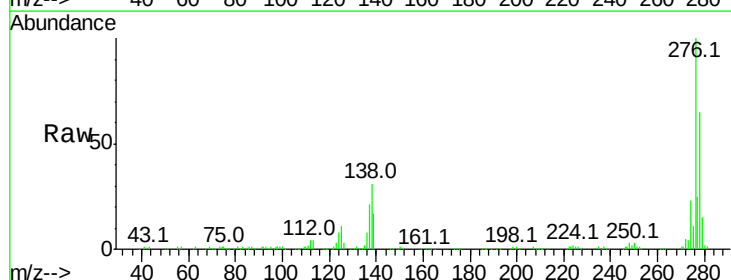
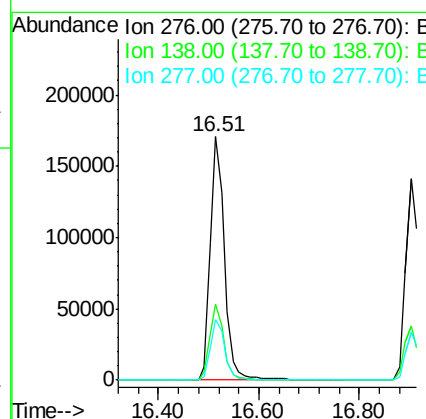
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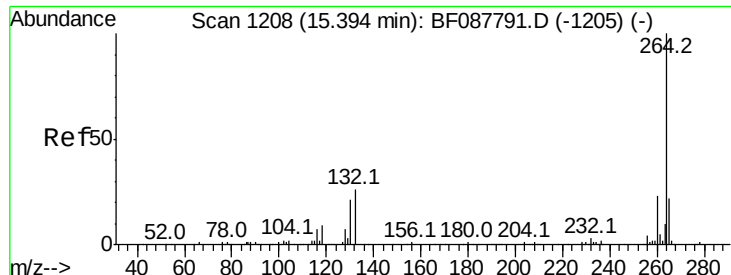
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#85
Indeno(1,2,3-cd)pyrene
Concen: 44.81 ng
RT: 16.51 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	31.1	0.0	0.0#
277	25.1	0.0	0.0#





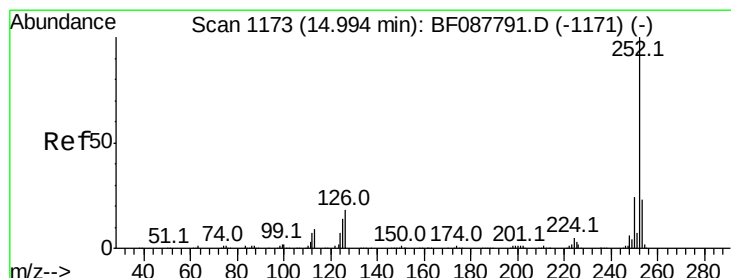
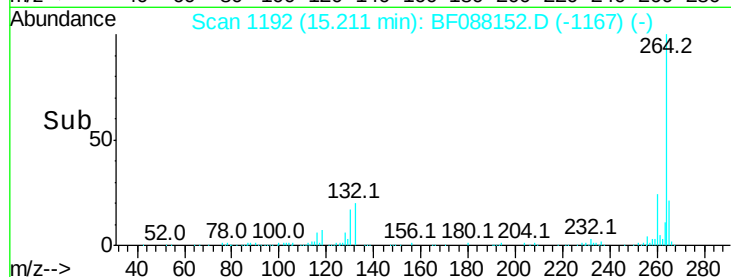
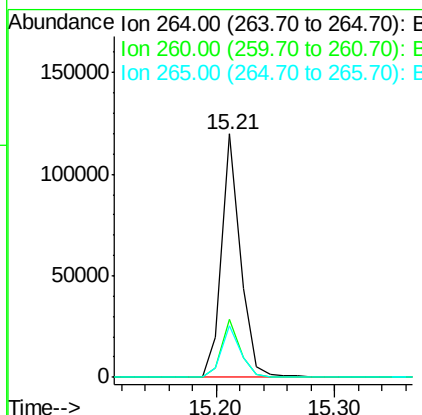
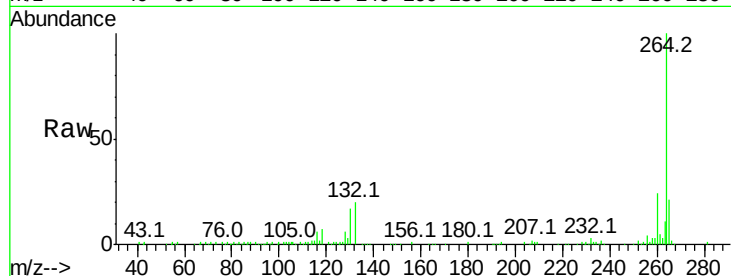
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PB91406BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	16.9	25.3

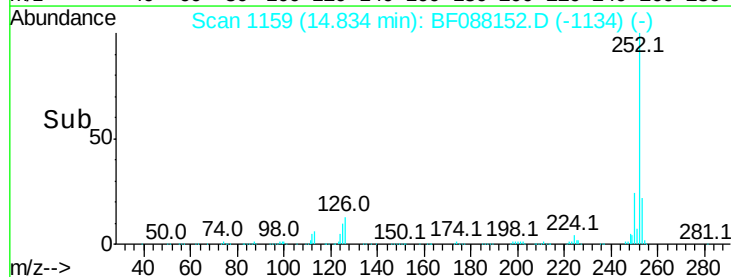
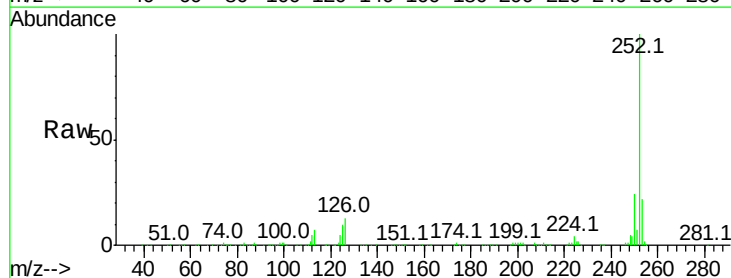
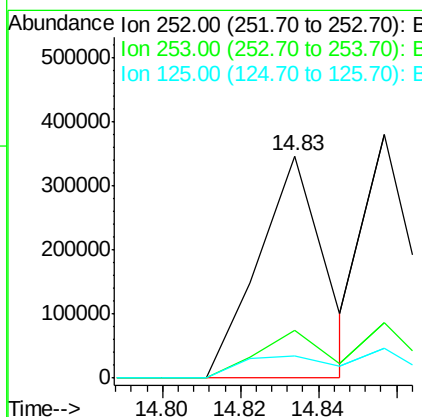
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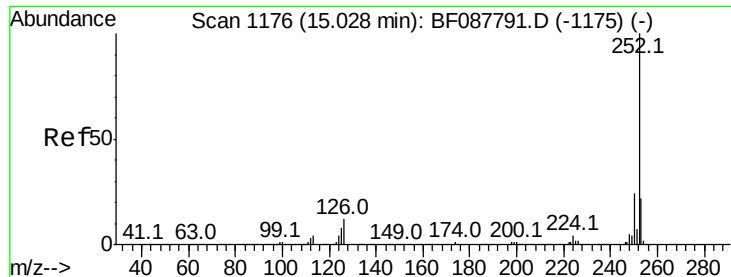
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#87
Benzo(b)fluoranthene
Concen: 44.84 ng m
RT: 14.83 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	10.2	7.1	10.7





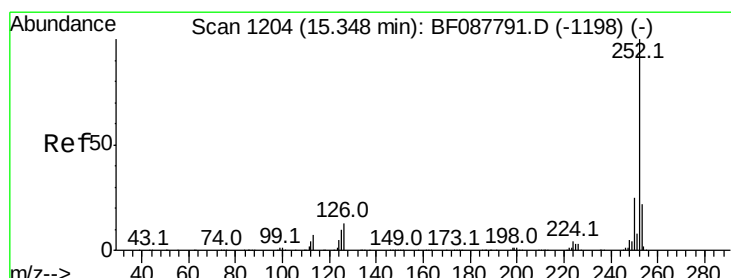
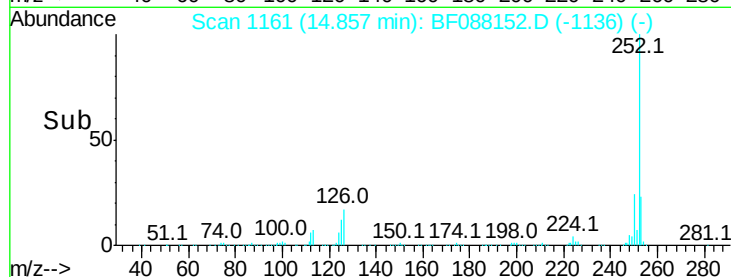
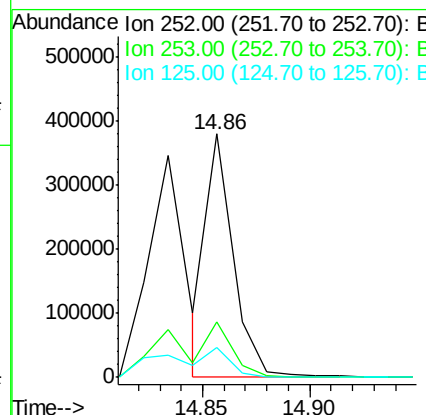
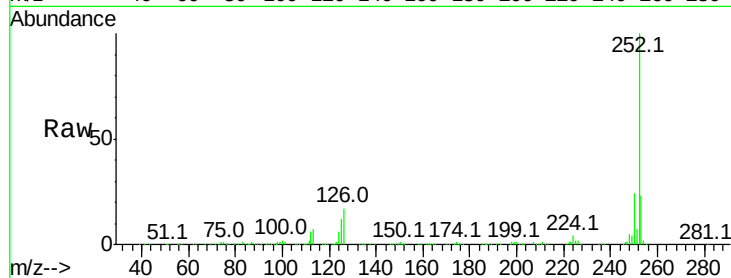
#88
Benzo(k)fluoranthene
Concen: 48.13 ng m
RT: 14.86 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampled :
PB91406BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	12.1	11.2	16.8

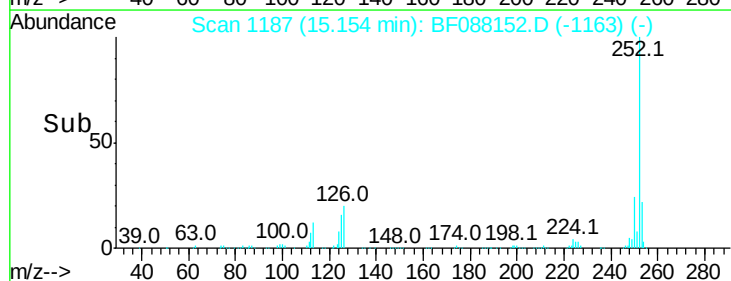
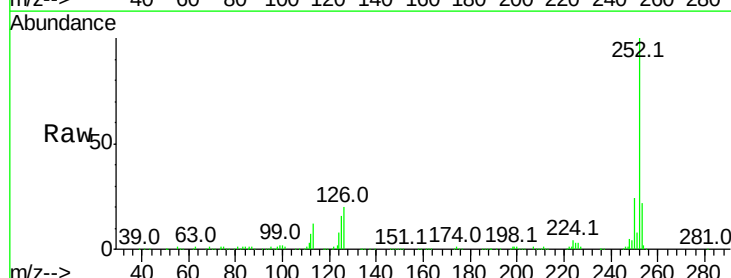
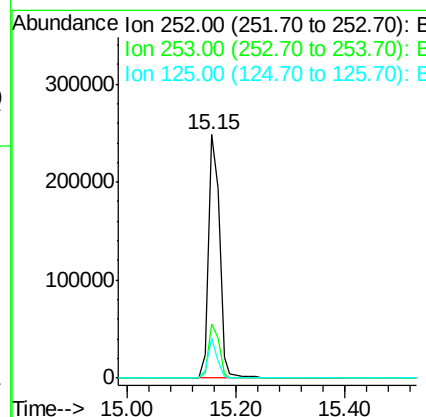
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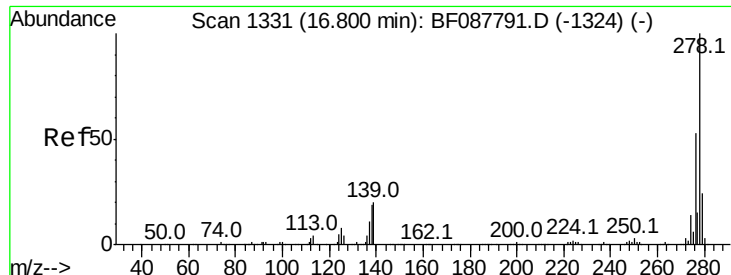
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#89
Benzo(a)pyrene
Concen: 46.85 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	16.2	12.5	18.7





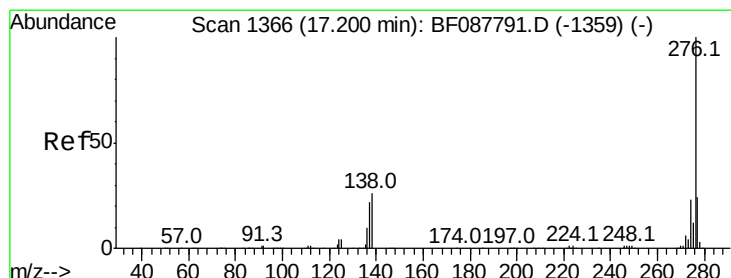
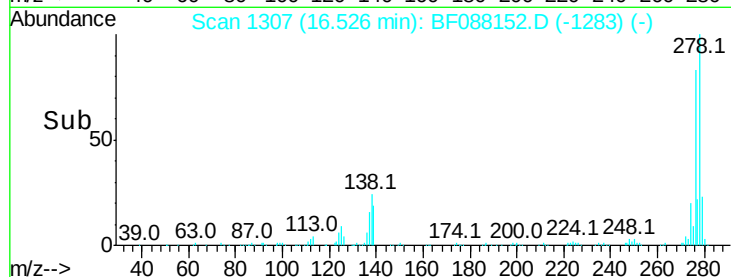
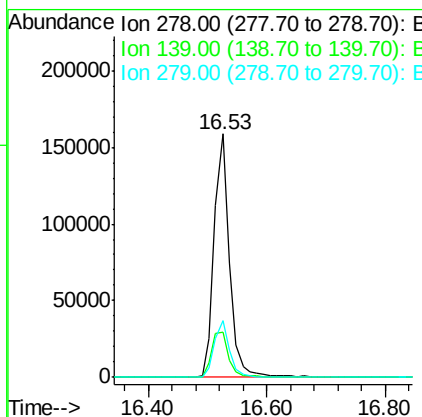
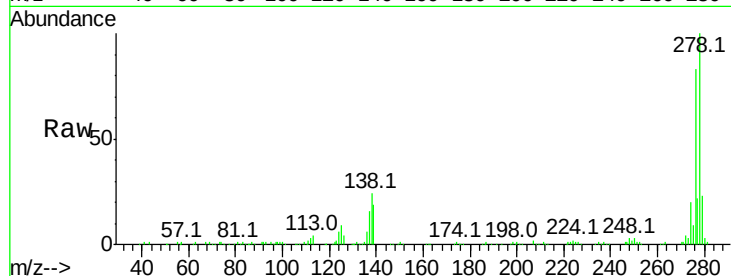
#90
Dibenzo(a,h)anthracene
Concen: 41.61 ng
RT: 16.53 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PB91406BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	15.7	23.5
279	23.5	19.4	29.2

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#91
Benzo(g,h,i)perylene
Concen: 40.53 ng
RT: 16.90 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BF088152.D
Acq: 19 Jun 2016 00:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	26.9	21.4	32.2

