

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
 Data File : BF080819.D
 Acq On : 4 Aug 2015 00:37
 Operator : TP
 Sample : G3083-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8536

Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 2:28:30 PM

Quant Time: Aug 04 04:24:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 01:58:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	151538	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	571462	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	250356	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	395934	20.00	ng	0.00
75) Chrysene-d12	13.99	240	282335	20.00	ng	0.00
86) Perylene-d12	15.39	264	232804	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	705	0.08	ng	-0.01
7) Phenol-d6	6.45	99	4314	0.35	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1040895	89.89	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	224	0.09	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1670983	100.89	ng	0.00
78) Terphenyl-d14	12.93	244	1350107	95.30	ng	0.00

Target Compounds

						Qvalue
12) 1,3-Dichlorobenzene	6.77	146	300898	26.65	ng	96
14) 1,2-Dichlorobenzene	7.00	146	323835m	31.12	ng	
16) 2,2'-oxybis(1-Chloropropan	7.12	45	666309	32.91	ng	98
18) Hexachloroethane	7.34	117	257081	61.99	ng	94
19) n-Nitroso-di-n-propylamine	7.24	70	341051	43.12	ng	99
24) Nitrobenzene	7.42	77	1495838	126.58	ng	90
25) Isophorone	7.65	82	969530	46.82	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	1663575	132.94	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	1000035	113.73	ng	96
31) Naphthalene	8.14	128	2134082	76.01	ng	98
34) Hexachlorobutadiene	8.26	225	263353	48.82	ng	99
40) Hexachlorocyclopentadiene	8.98	237	415225	85.37	ng	95
48) Acenaphthylene	9.73	152	2895164	118.05	ng	97
49) Dimethylphthalate	9.60	163	1864306	111.46	ng	99
50) 2,6-Dinitrotoluene	9.66	165	300426	83.40	ng	# 78
51) Acenaphthene	9.90	154	1654554	111.98	ng	98
54) Dibenzofuran	10.08	168	1515326	77.48	ng	97
57) Fluorene	10.42	166	948035	62.47	ng	99
60) 4-Chlorophenyl-phenylether	10.42	204	1120789	150.58	ng	# 86
65) n-Nitrosodiphenylamine	10.52	169	939550	67.79	ng	99
71) Anthracene	11.44	178	3060465	150.55	ng	98
73) Di-n-butylphthalate	11.92	149	1093039	51.86	ng	100
77) Pyrene	12.79	202	1224860	58.53	ng	98
79) Butylbenzylphthalate	13.41	149	1075894	130.53	ng	# 83
80) Benzo(a)anthracene	13.97	228	1720033	106.71	ng	97
81) 3,3'-Dichlorobenzidine	13.94	252	224369	39.23	ng	# 98
82) Chrysene	14.02	228	2300249	146.82	ng	97
84) Di-n-octyl phthalate	14.59	149	2547286	158.32	ng	97
85) Indeno(1,2,3-cd)pyrene	16.79	276	1943962	135.27	ng	# 76
87) Benzo(b)fluoranthene	14.99	252	838635m	61.54	ng	
88) Benzo(k)fluoranthene	15.03	252	1403291m	118.16	ng	
89) Benzo(a)pyrene	15.35	252	1879012	161.68	ng	98
90) Dibenzo(a,h)anthracene	16.82	278	2439562	216.67	ng	97
91) Benzo(g,h,i)perylene	17.17	276	230786	19.66	ng	# 96

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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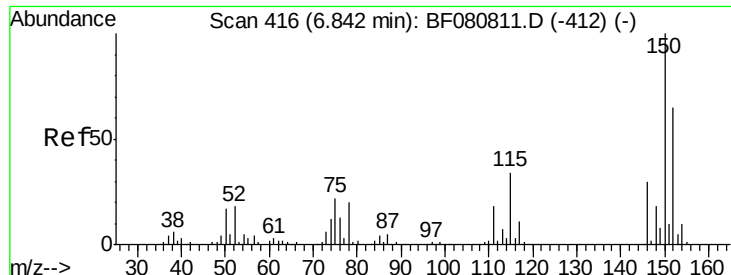
Manual Integrations
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8/5/2015 2:28:30 PM

Quant Time: Aug 04 04:24:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 01:58:34 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

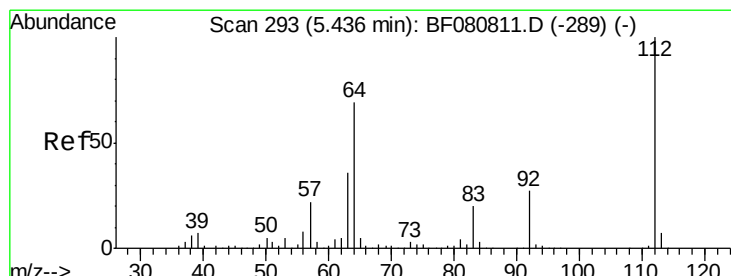
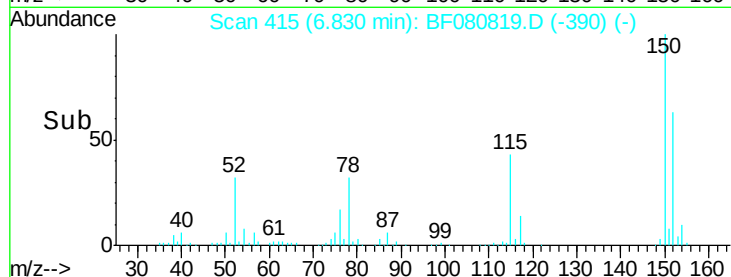
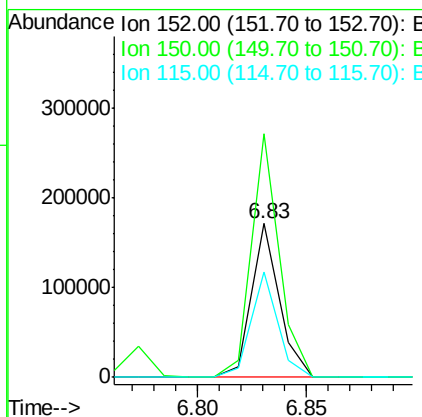
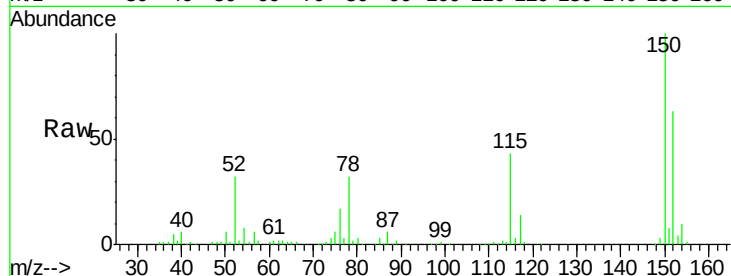
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Instrument :
BNA_F
ClientSampleId :
8536

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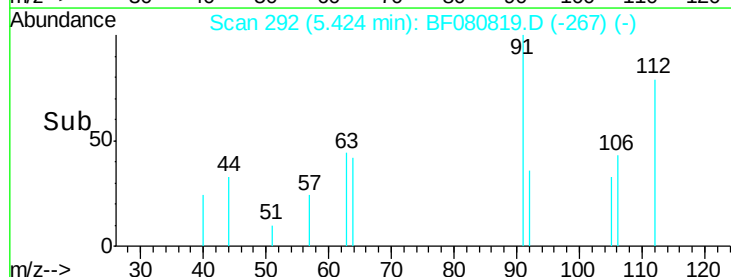
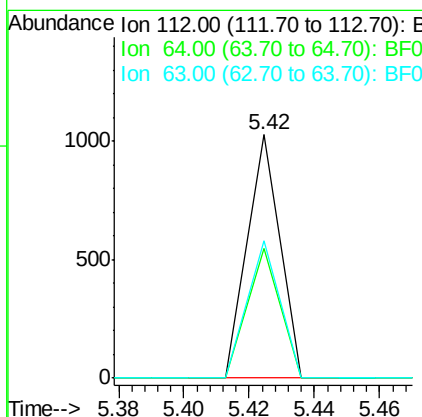
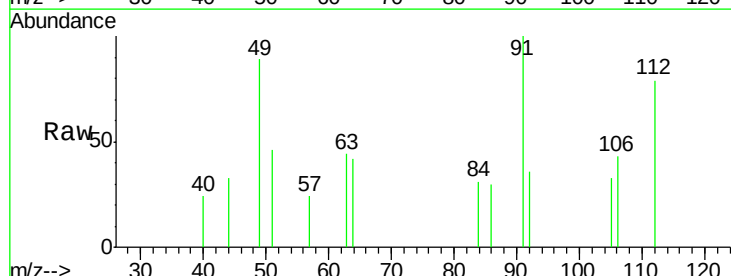
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	151538		
150	158.6	122.9	184.3	
115	68.3	42.0	63.0#	

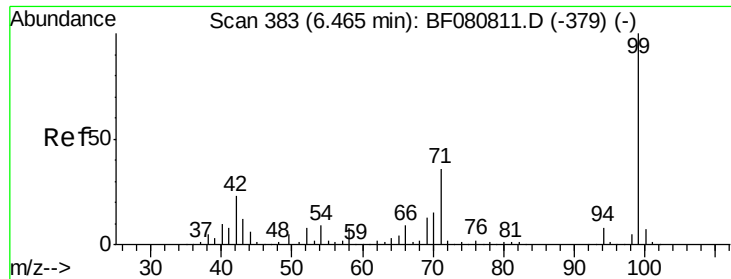


#5

2-Fluorophenol
Concen: 0.08 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.01 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	705		
64	53.2	55.0	82.4#	
63	56.3	28.6	42.8#	





#7

Phenol-d6

Concen: 0.35 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Instrument :

BNA_F

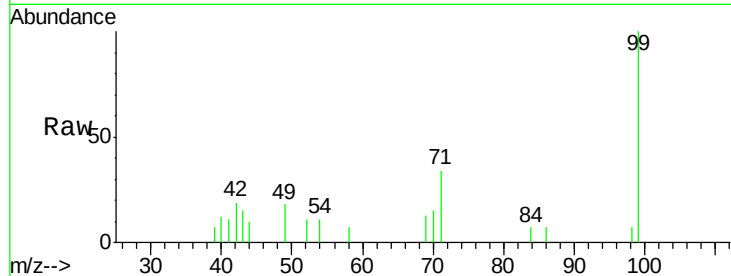
ClientSampleId :

8536

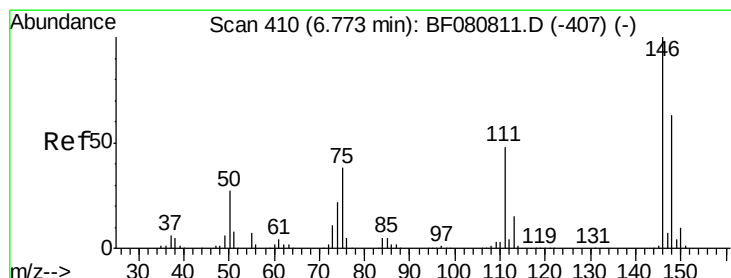
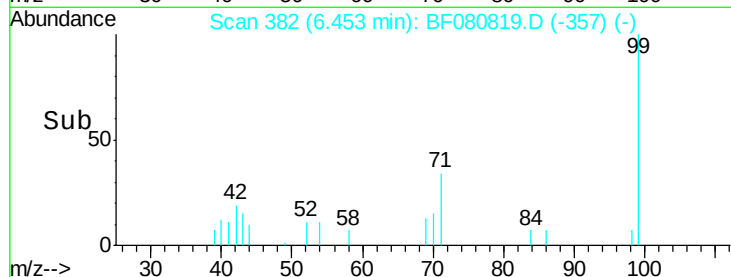
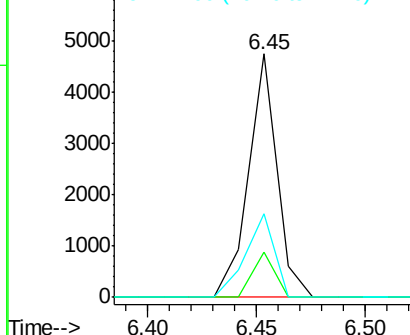
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Tgt Ion:	99	Resp:	4314
Ion	Ratio	Lower	Upper
99	100		
42	18.7	18.4	27.6
71	34.5	28.7	43.1



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



#12

1,3-Dichlorobenzene

Concen: 26.65 ng

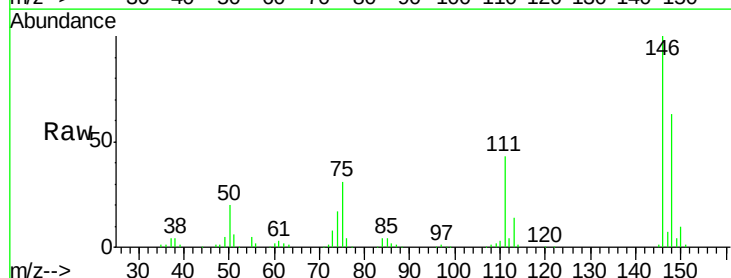
RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

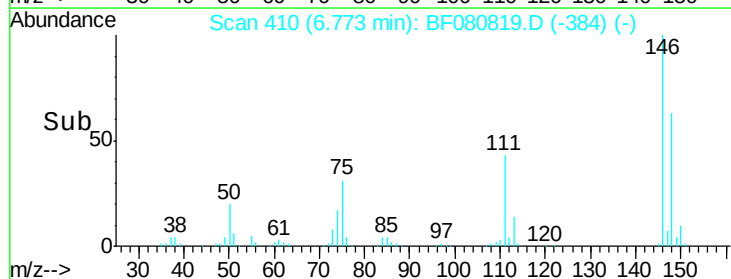
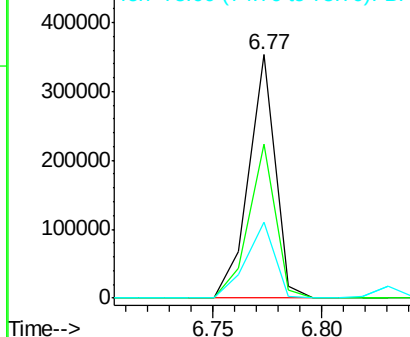
Lab File: BF080819.D

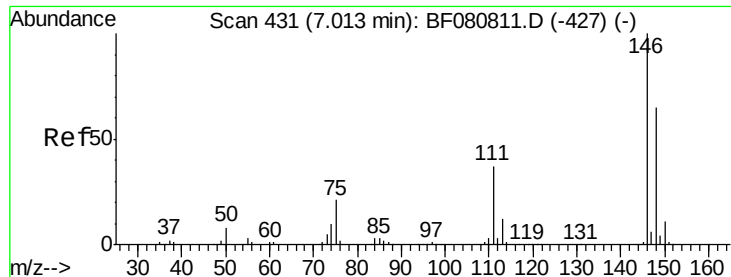
Acq: 4 Aug 2015 00:37

Tgt Ion:	146	Resp:	300898
Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.5	75.7
75	31.4	30.7	46.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





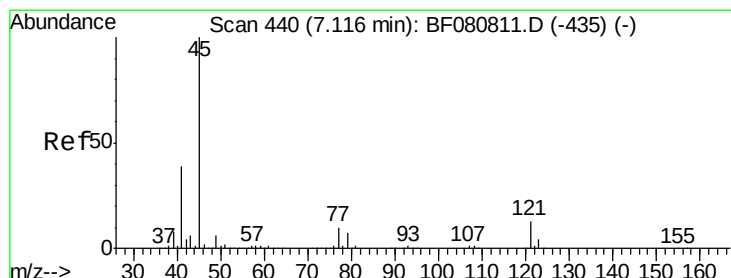
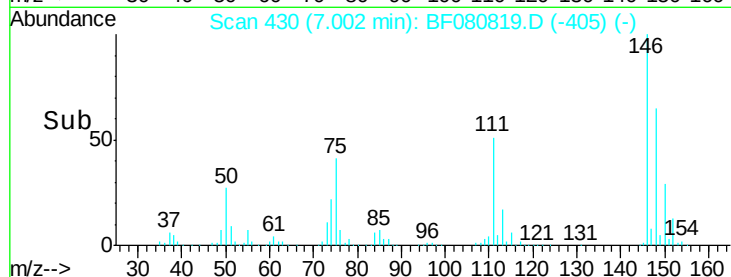
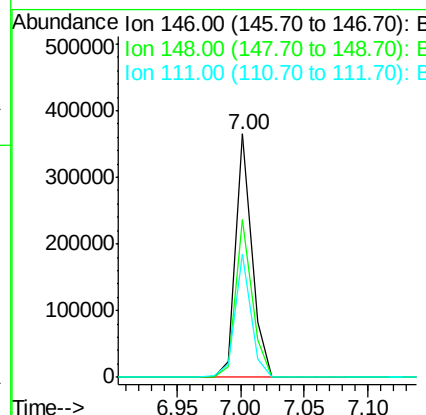
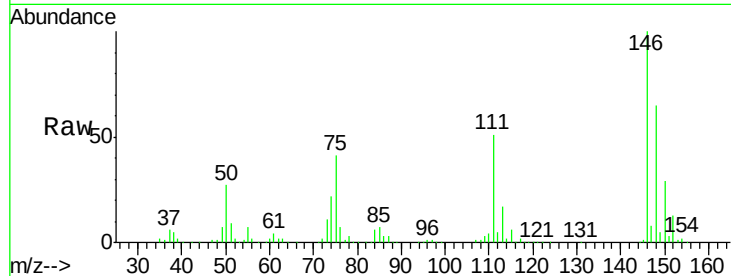
#14
 1,2-Dichlorobenzene
 Concen: 31.12 ng m
 RT: 7.00 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Instrument :
 BNA_F
 ClientSampled :
 8536

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	323835		
148	64.6	52.0	78.0	
111	50.7	29.3	43.9#	

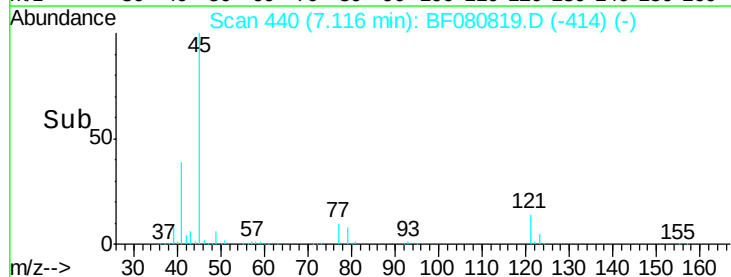
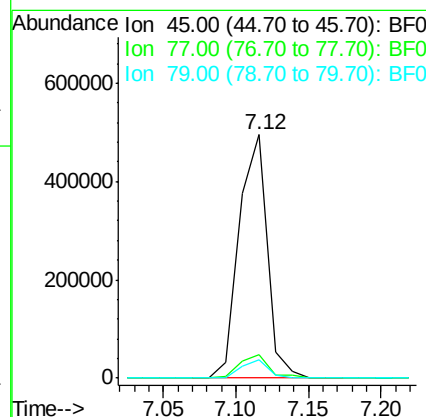
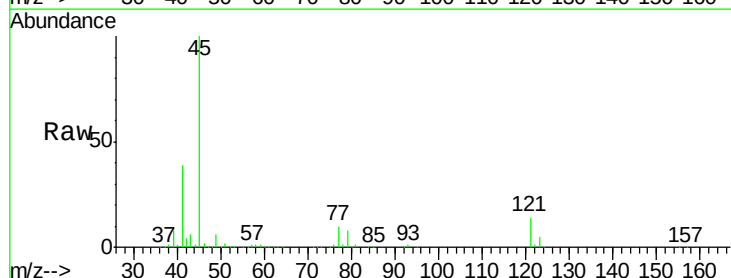
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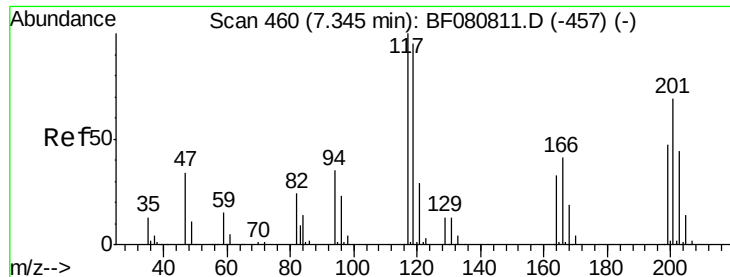
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#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 32.91 ng
 RT: 7.12 min Scan# 440
 Delta R.T. -0.00 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

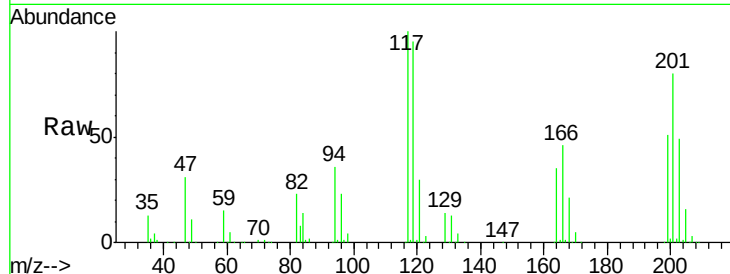
Tgt Ion	Ratio	Resp	Lower	Upper
45	100	666309		
77	9.8	0.0	30.5	
79	7.7	0.0	28.2	





#18
Hexachloroethane
Concen: 61.99 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

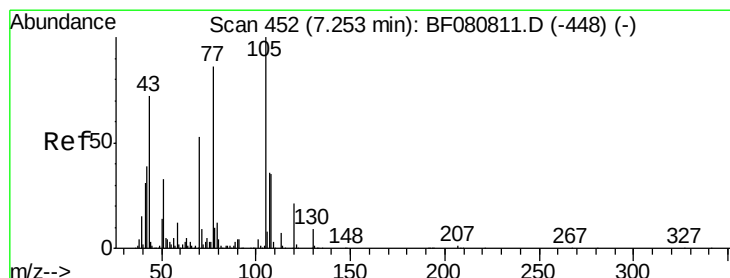
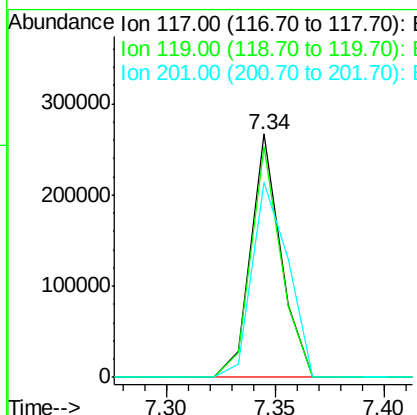
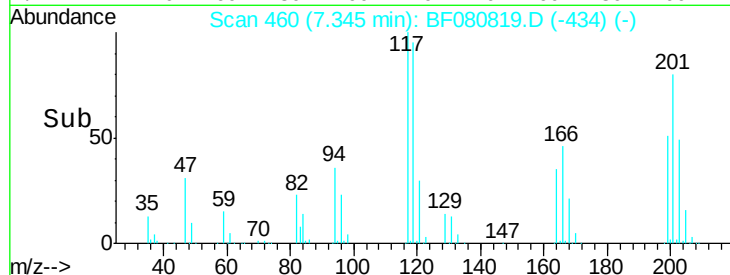
Instrument :
BNA_F
ClientSampleId :
8536



Tgt Ion	Ratio	Resp	Lower	Upper
117	100	257081		
119	94.9	76.3	114.5	
201	80.0	55.5	83.3	

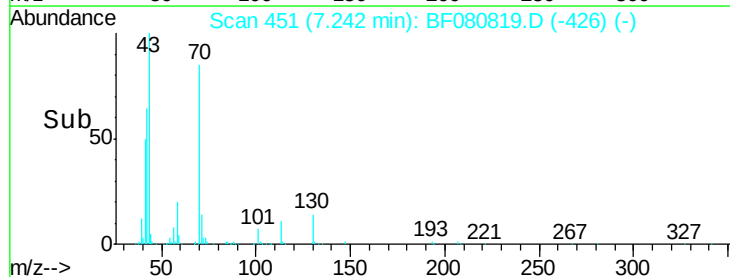
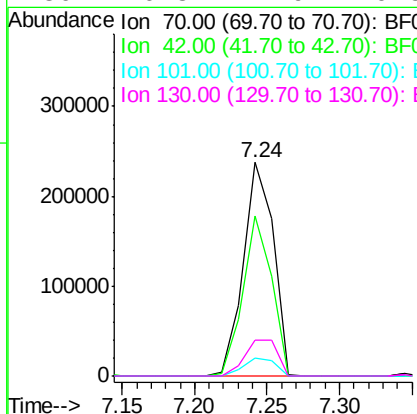
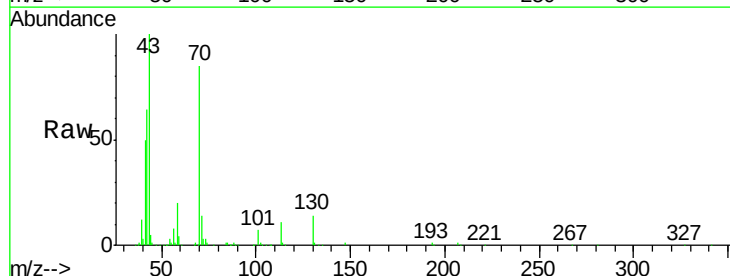
Manual Integrations
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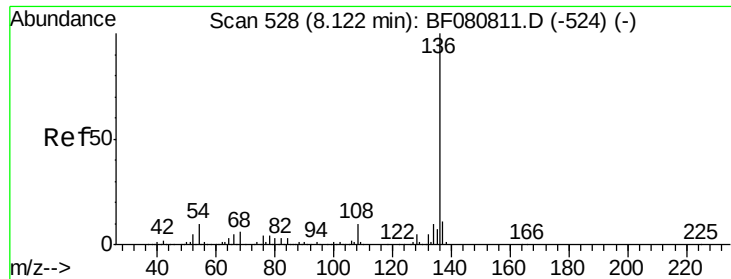
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#19
n-Nitroso-di-n-propylamine
Concen: 43.12 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

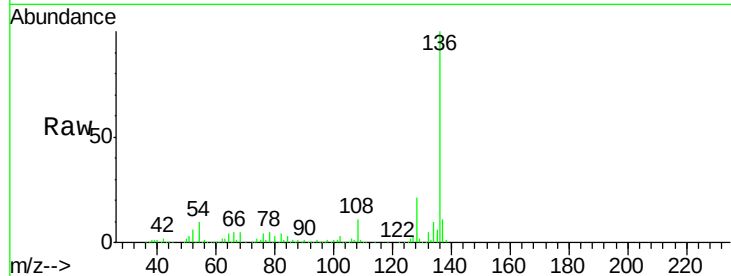
Tgt Ion	Ratio	Resp	Lower	Upper
70	100	341051		
42	74.7	59.1	88.7	
101	8.2	6.6	10.0	
130	16.8	12.9	19.3	





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

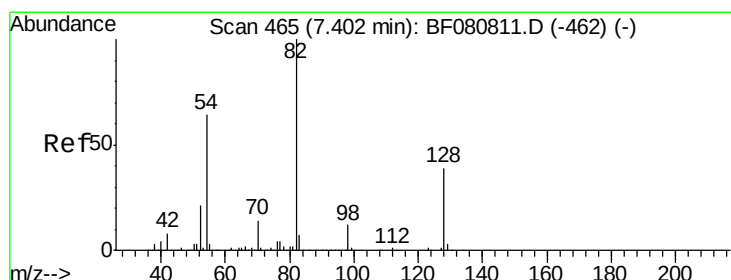
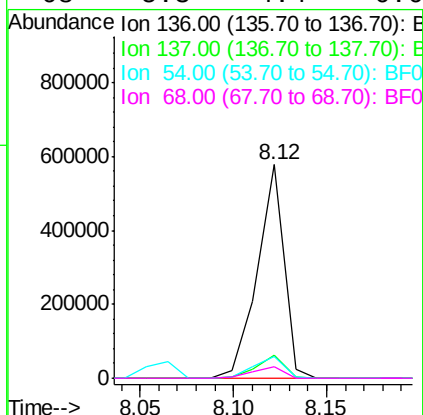
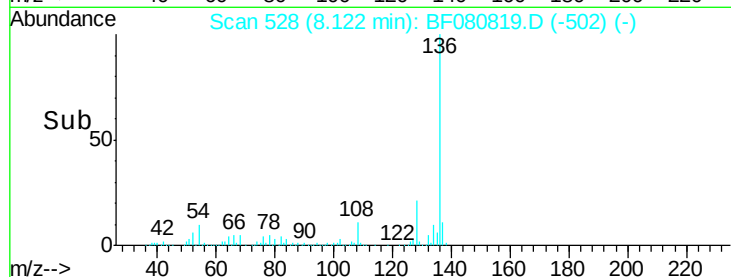
Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.9	8.8	13.2
54	10.5	7.9	11.9
68	5.3	4.4	6.6

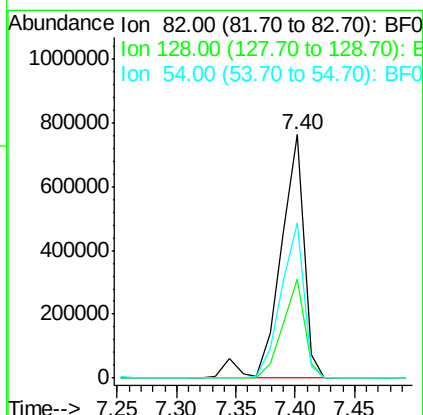
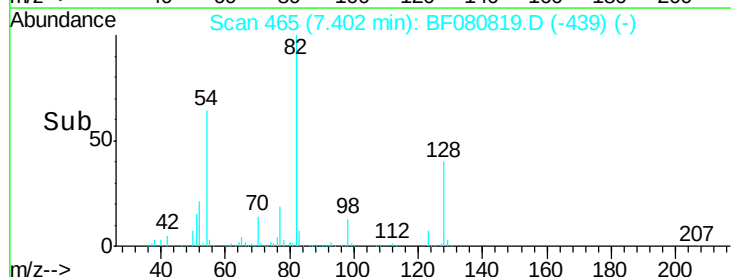
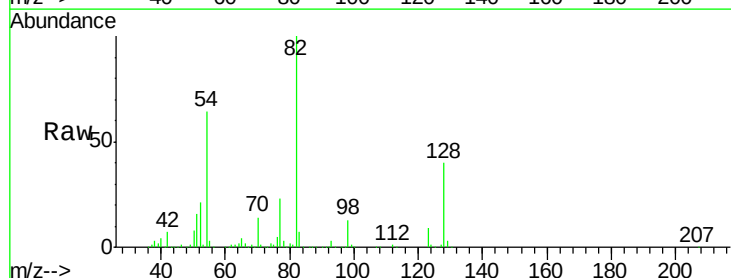
Manual Integrations
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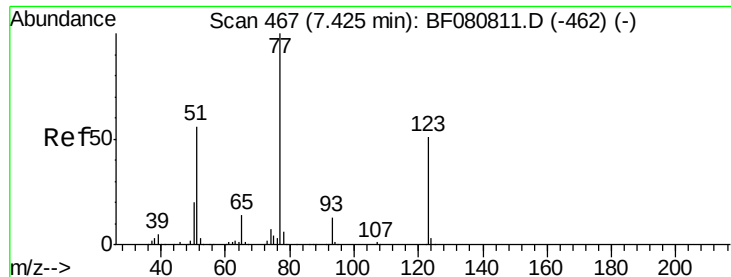
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#23
Nitrobenzene-d5
Concen: 89.89 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	40.4	31.4	47.0
54	63.6	51.0	76.4





#24

Nitrobenzene

Concen: 126.58 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Instrument :

BNA_F

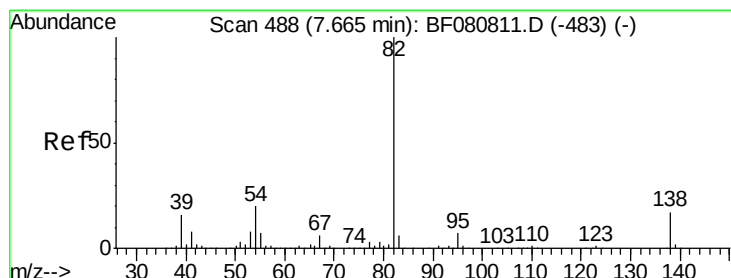
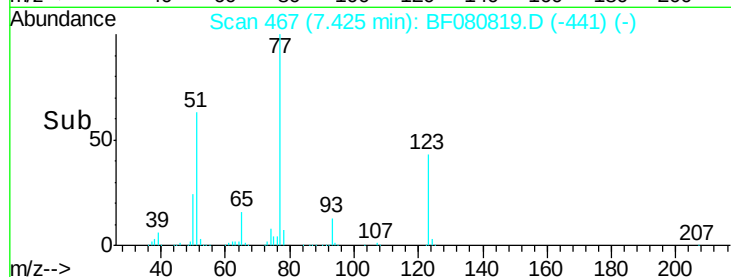
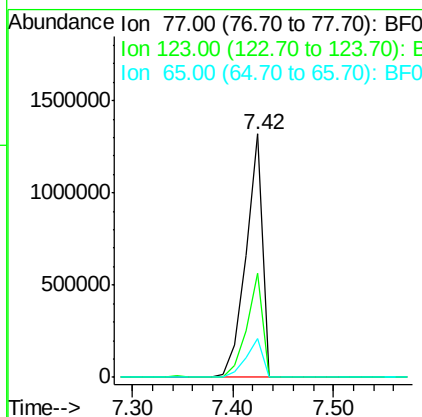
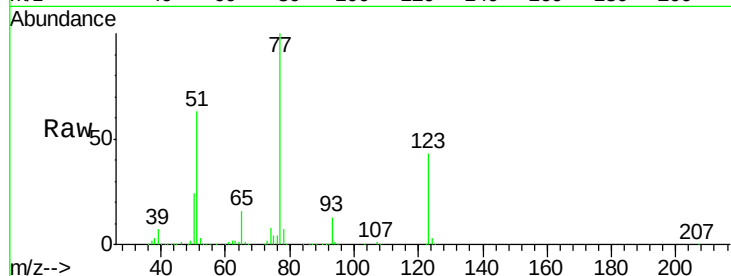
ClientSampleId :

8536

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Tgt Ion:	77	Resp:	1495838
Ion	Ratio	Lower	Upper
77	100		
123	42.7	40.7	61.1
65	16.0	11.3	16.9



#25

Isophorone

Concen: 46.82 ng

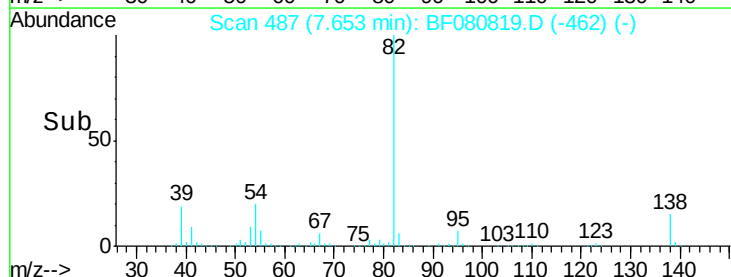
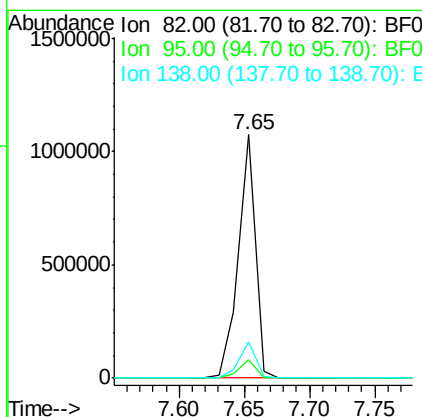
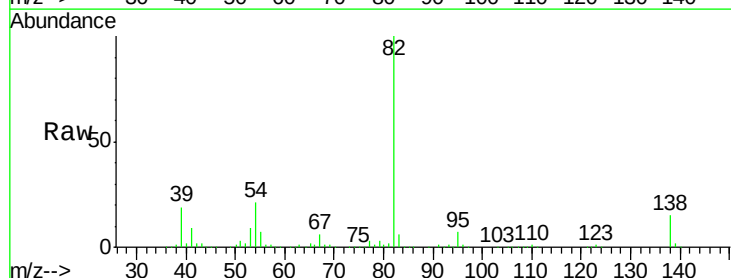
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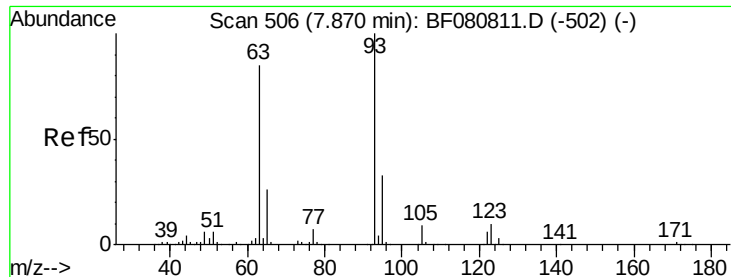
Delta R.T. -0.01 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Tgt Ion:	82	Resp:	969530
Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.9	8.9
138	15.1	13.4	20.2





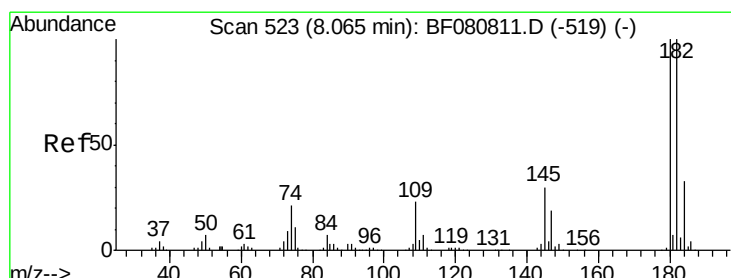
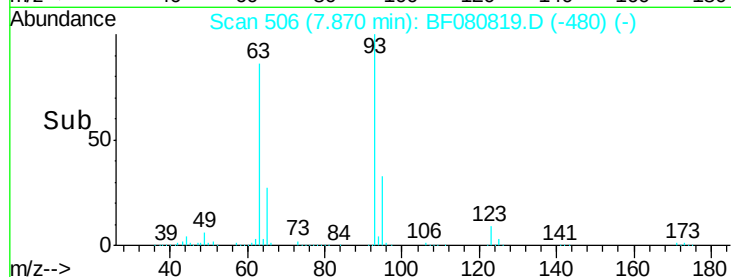
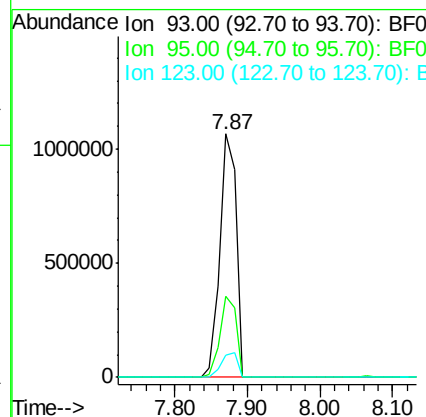
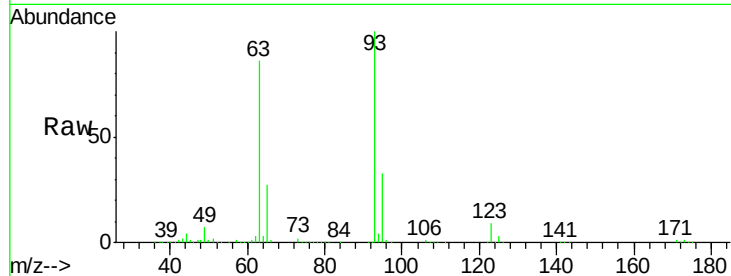
#28
bis(2-Chloroethoxy)methane
Concen: 132.94 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Instrument :
BNA_F
ClientSampleId :
8536

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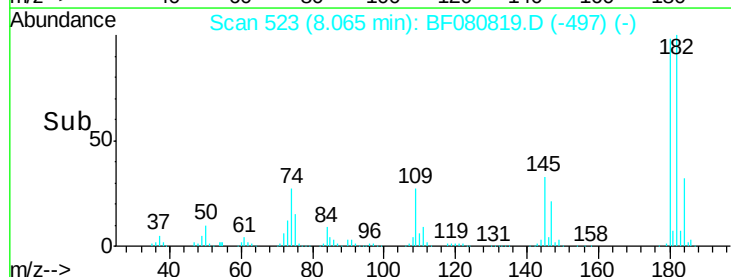
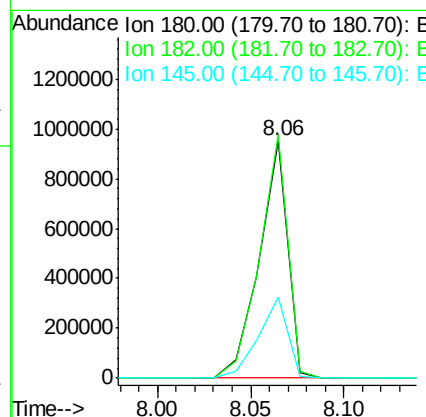
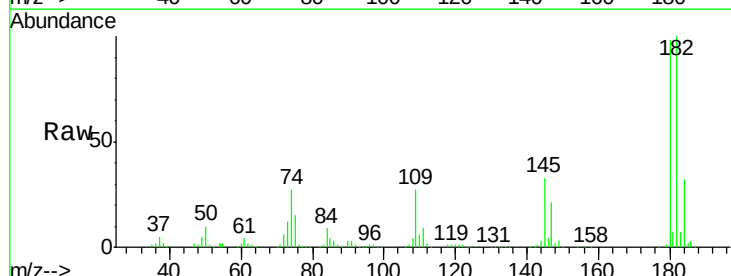
MMDadoda
8/5/2015 2:28:30 PM

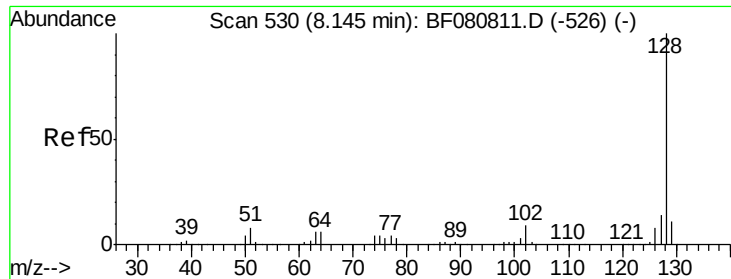
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.1	39.1
123	9.3	8.0	12.0



#30
1,2,4-Trichlorobenzene
Concen: 113.73 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.5	79.7	119.5
145	34.1	23.8	35.8





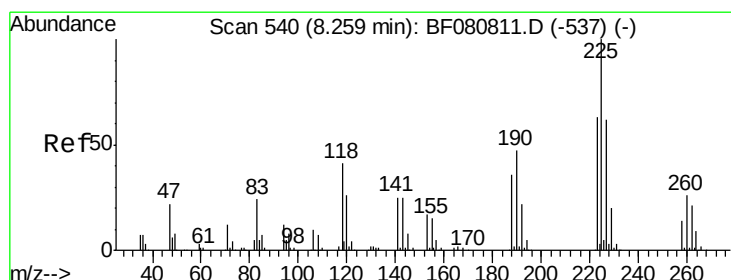
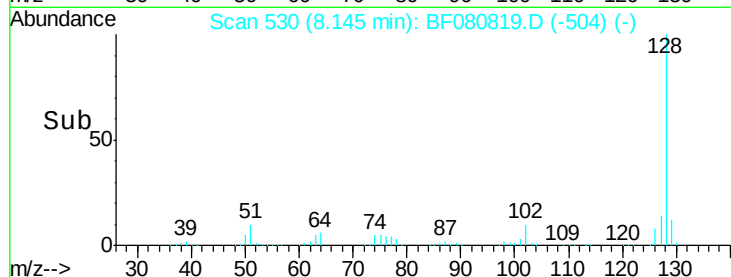
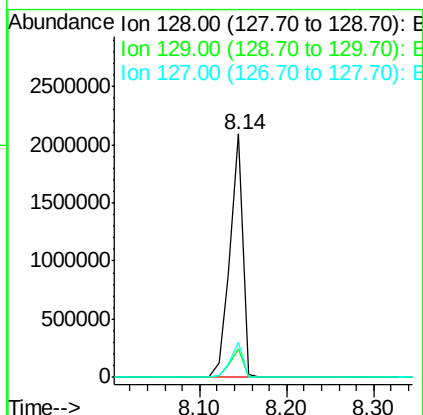
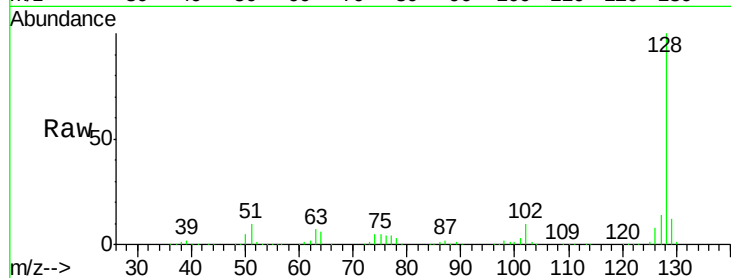
#31
Naphthalene
Concen: 76.01 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Instrument :
BNA_F
ClientSampled :
8536

Tgt Ion:128 Resp: 2134082
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 14.4 10.8 16.2

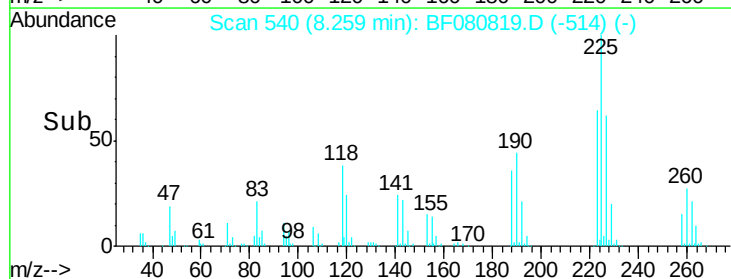
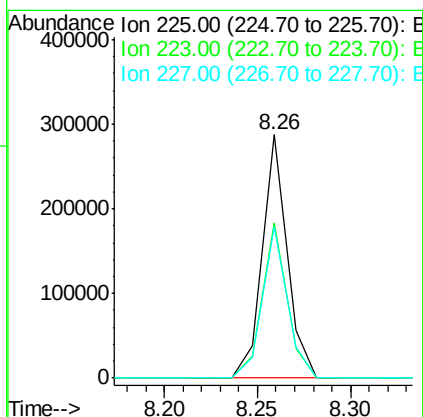
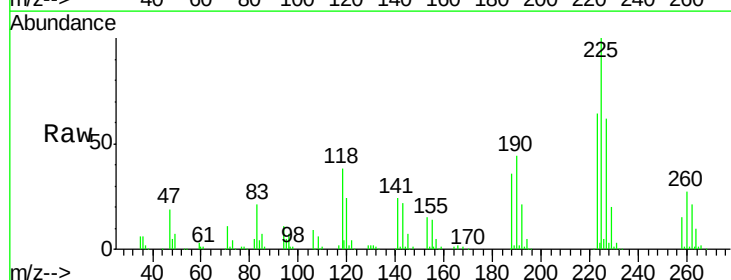
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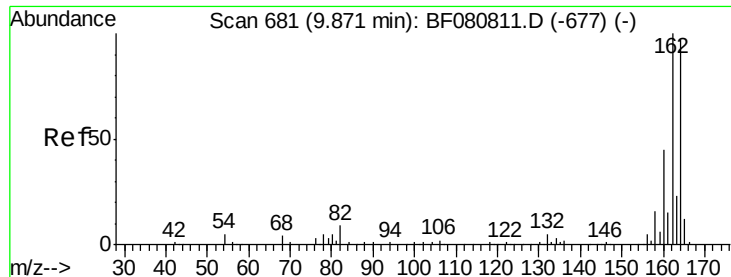
MMDadoda
8/5/2015 2:28:30 PM



#34
Hexachlorobutadiene
Concen: 48.82 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Tgt Ion:225 Resp: 263353
Ion Ratio Lower Upper
225 100
223 63.6 50.2 75.2
227 62.0 49.7 74.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Instrument :

BNA_F

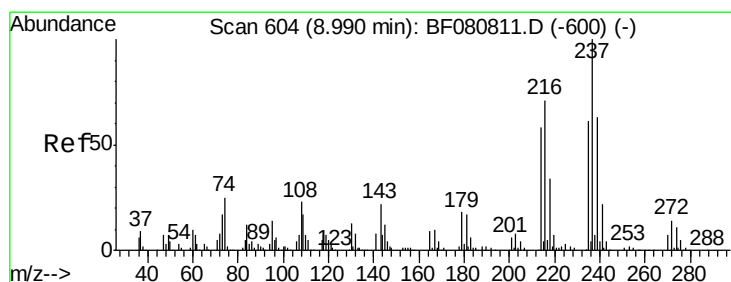
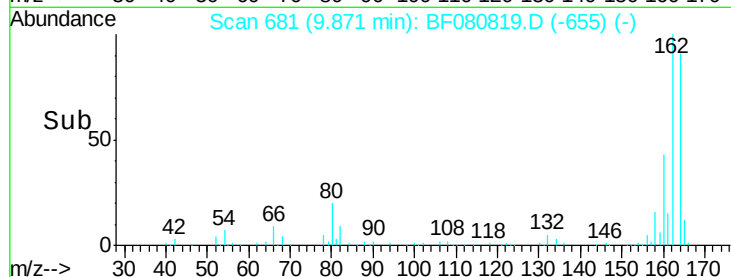
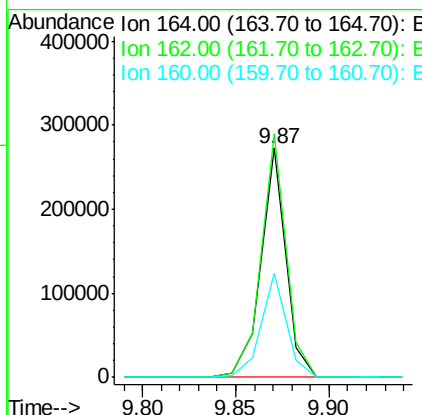
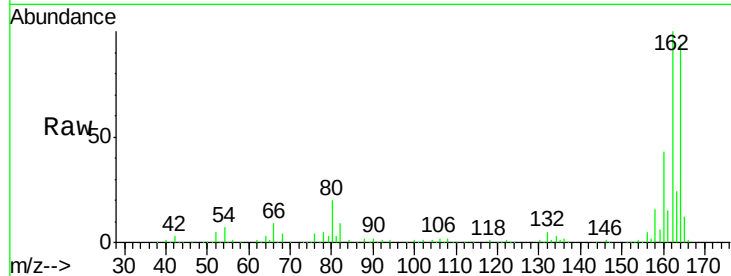
ClientSampleId :

8536

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MMDadoda
8/5/2015 2:28:30 PM

Tgt Ion:	164	Resp:	250356
Ion Ratio	Lower	Upper	
164	100		
162	106.3	82.3	123.5
160	45.4	37.3	55.9



#40

Hexachlorocyclopentadiene

Concen: 85.37 ng

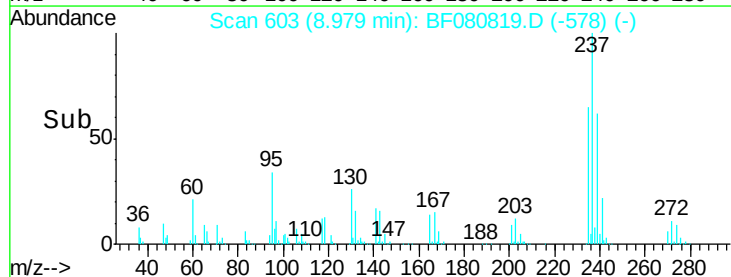
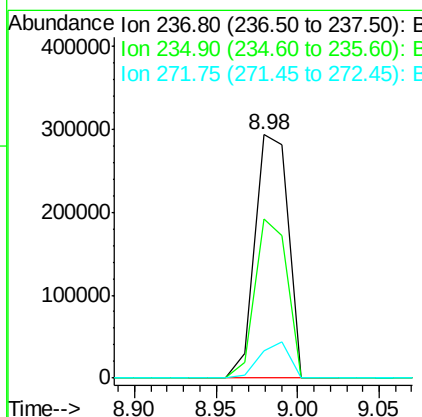
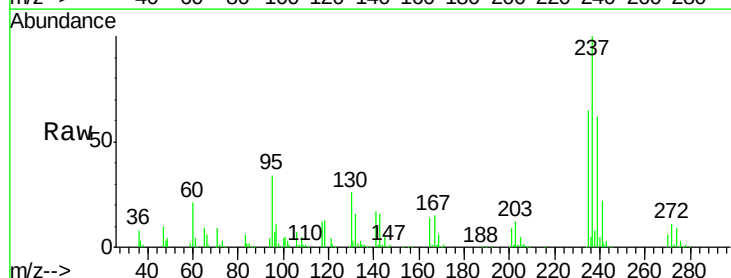
RT: 8.98 min Scan# 603

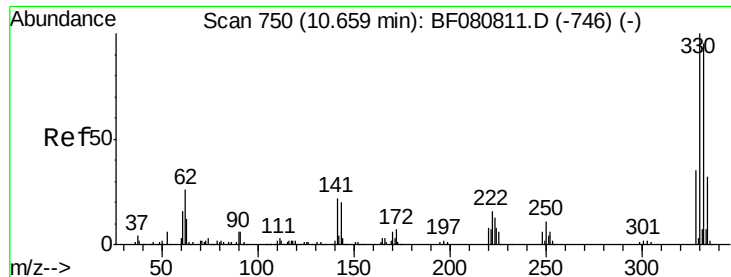
Delta R.T. -0.01 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Tgt Ion:	237	Resp:	415225
Ion Ratio	Lower	Upper	
237	100		
235	65.2	41.5	81.5
272	11.1	0.0	33.7





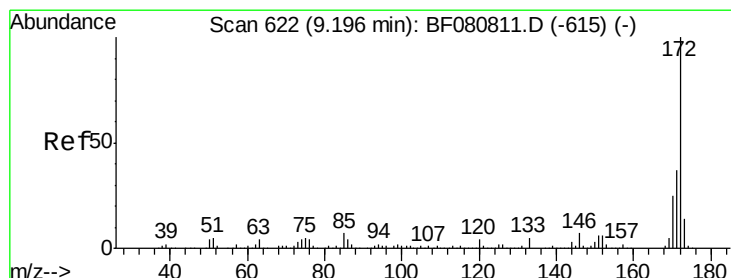
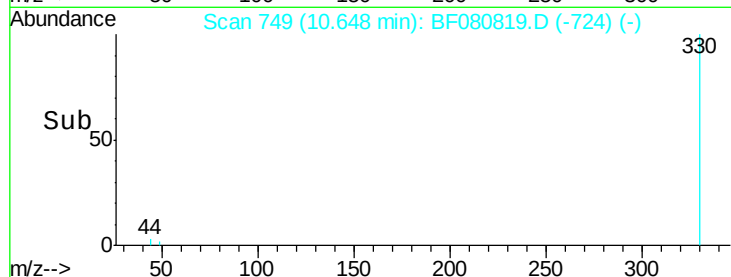
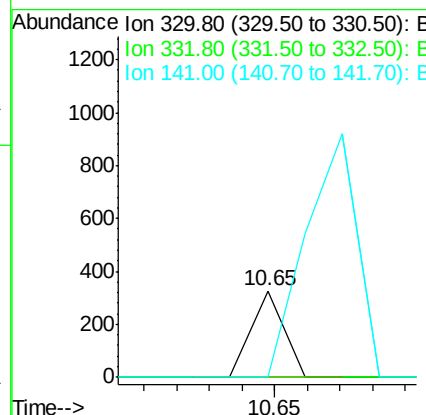
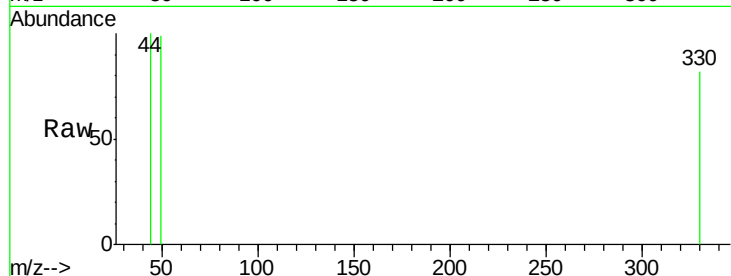
#41
 2,4,6-Tribromophenol
 Concen: 0.09 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Instrument :
 BNA_F
 ClientSampleId :
 8536

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.2	114.4#
141	0.0	25.4	38.0#

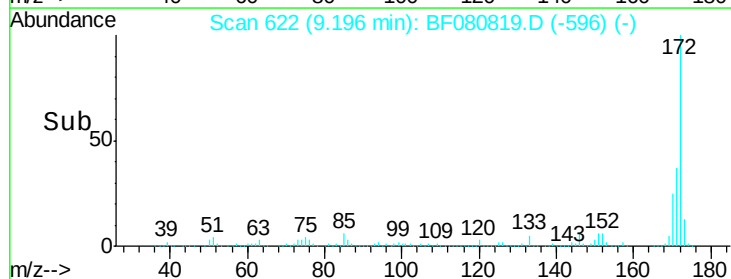
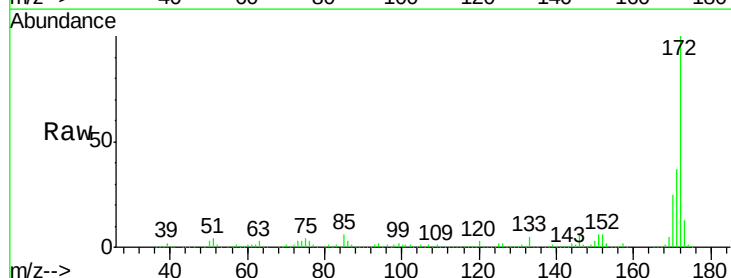
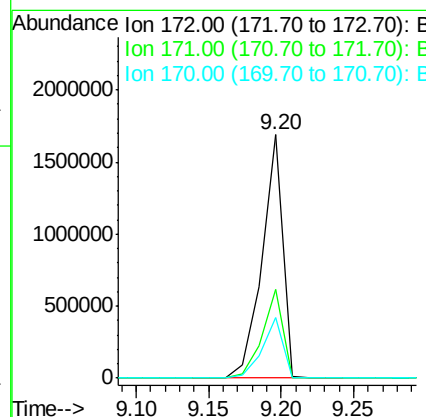
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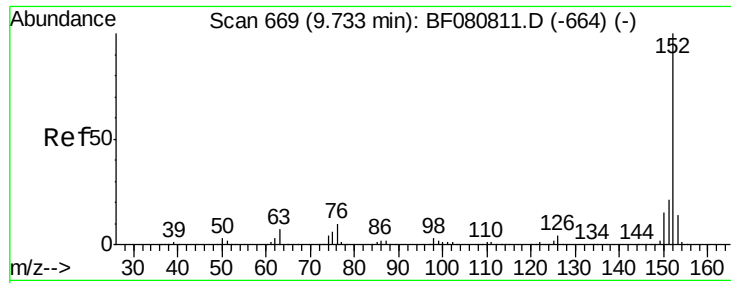
MMDadoda
 8/5/2015 2:28:30 PM



#44
 2-Fluorobiphenyl
 Concen: 100.89 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

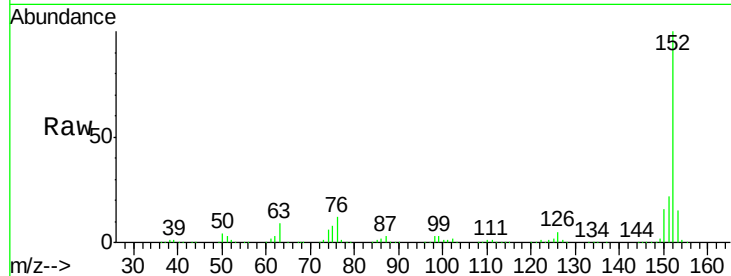
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.9	20.2	30.4





#48
 Acenaphthylene
 Concen: 118.05 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

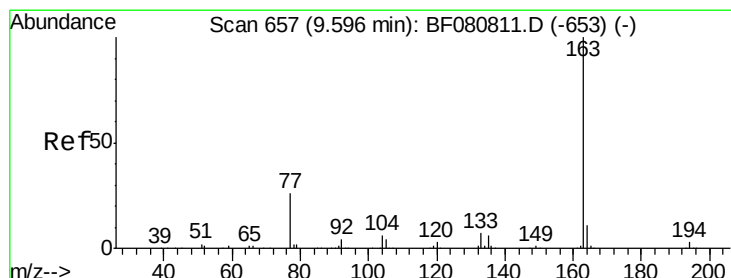
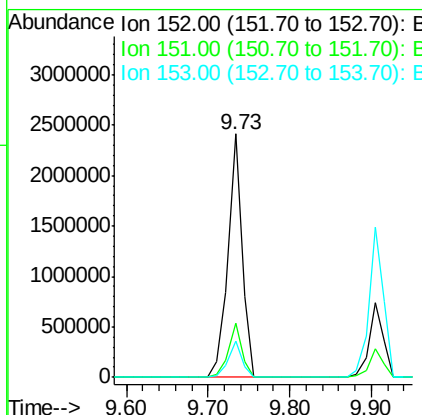
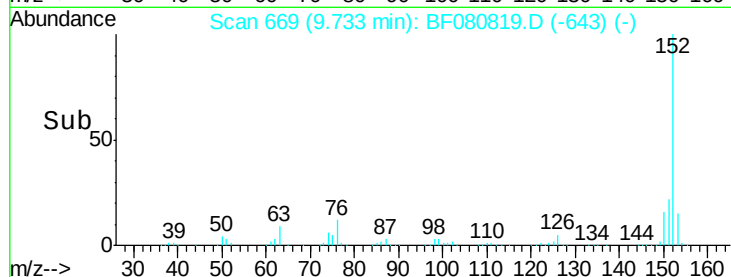
Instrument :
 BNA_F
 ClientSampleId :
 8536



Tgt Ion:152 Resp: 2895164
 Ion Ratio Lower Upper
 152 100
 151 22.4 16.8 25.2
 153 15.1 11.0 16.4

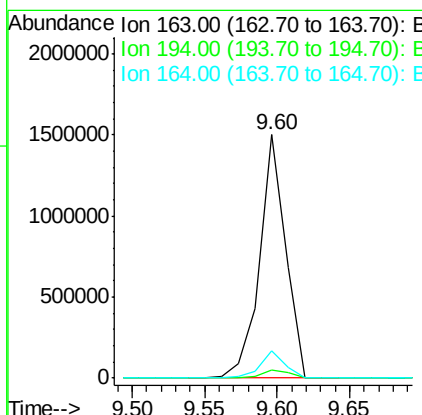
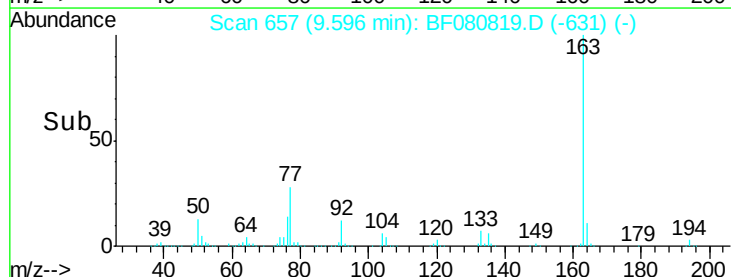
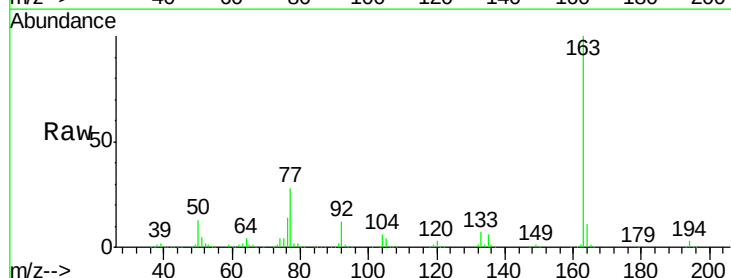
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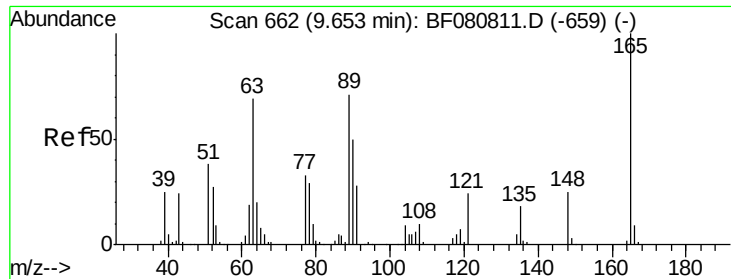
MMDadoda
 8/5/2015 2:28:30 PM



#49
 Dimethylphthalate
 Concen: 111.46 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Tgt Ion:163 Resp: 1864306
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.7 4.1
 164 11.0 8.5 12.7





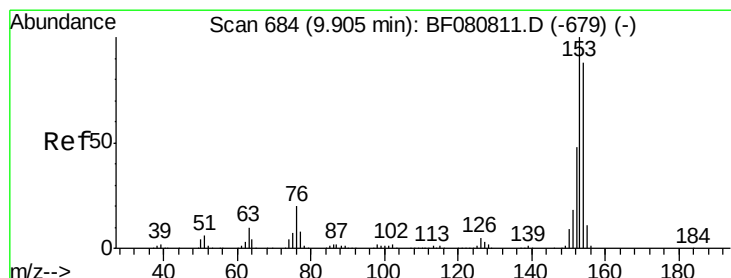
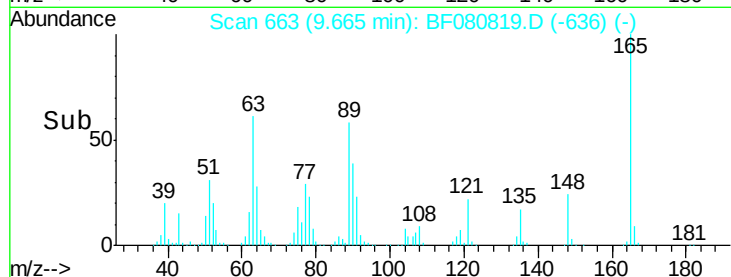
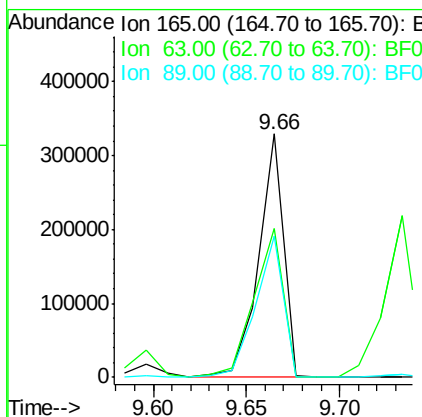
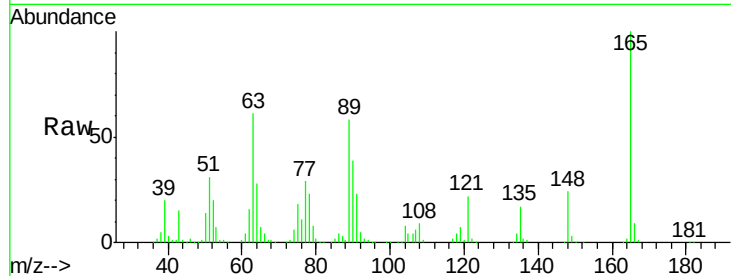
#50
2,6-Dinitrotoluene
Concen: 83.40 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.01 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Instrument :
BNA_F
ClientSampleId :
8536

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	300426		
63	61.2	68.2	102.4#	
89	57.9	56.9	85.3	

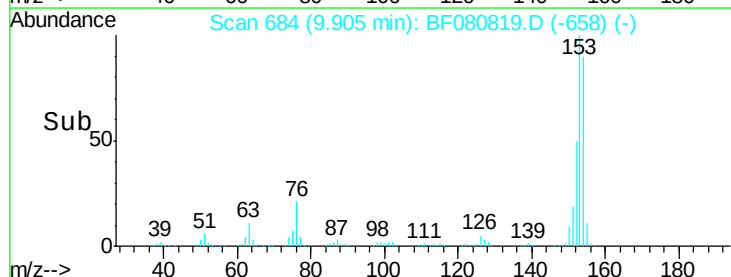
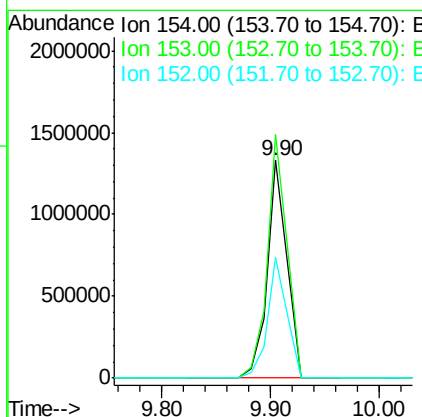
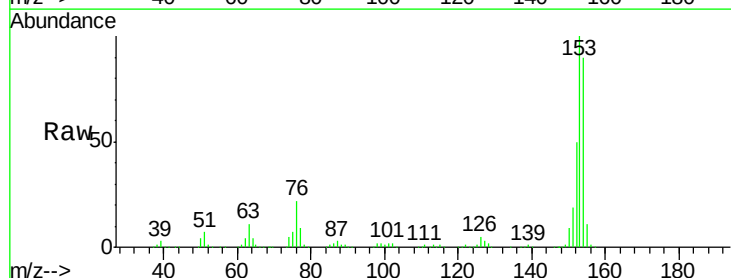
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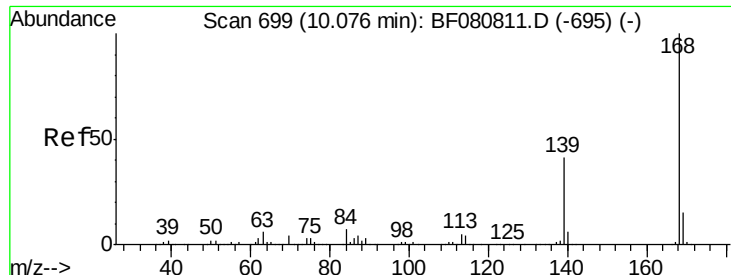
MMDadoda
8/5/2015 2:28:30 PM



#51
Acenaphthene
Concen: 111.98 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1654554		
153	111.7	91.4	137.2	
152	55.3	44.1	66.1	





#54

Dibenzenofuran

Concen: 77.48 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Instrument :

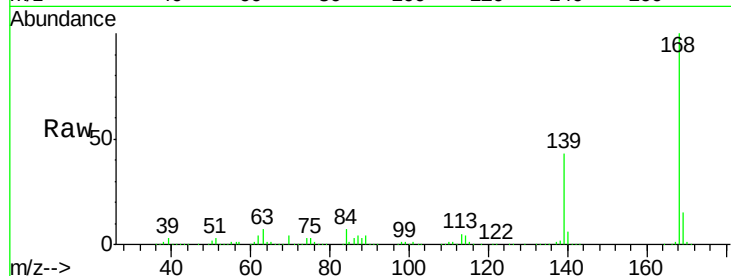
BNA_F

ClientSampleId :

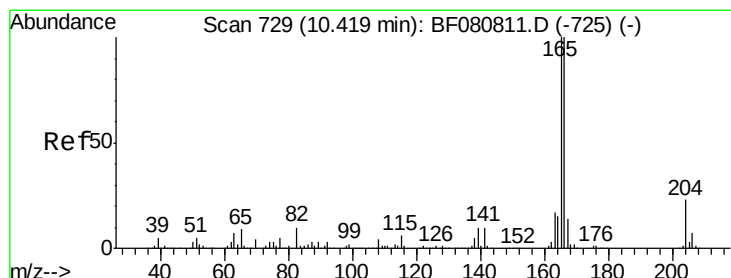
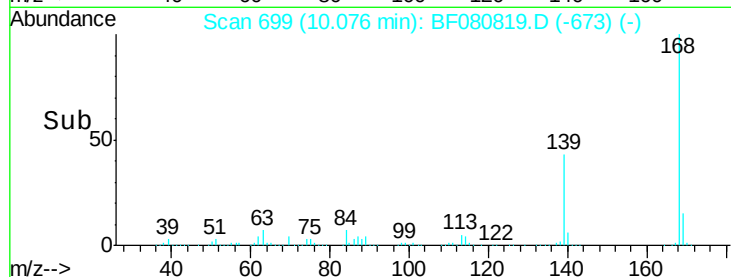
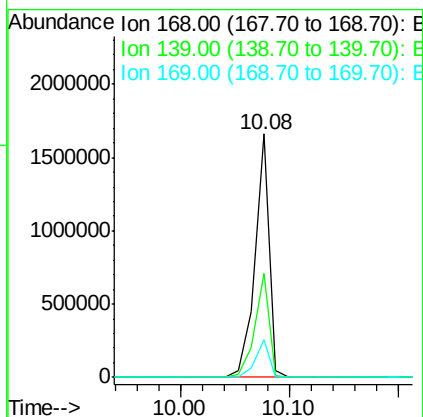
8536

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Tgt Ion:	168	Resp:	1515326
Ion	Ratio	Lower	Upper
168	100		
139	42.7	32.8	49.2
169	15.4	11.6	17.4



#57

Fluorene

Concen: 62.47 ng

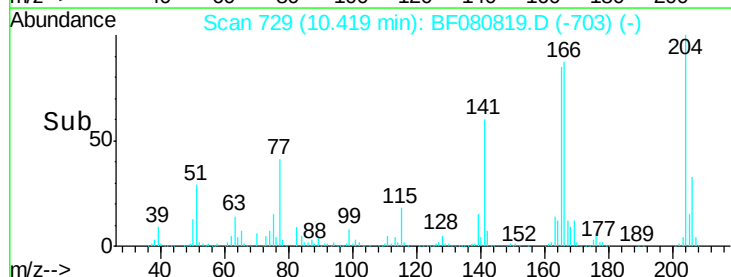
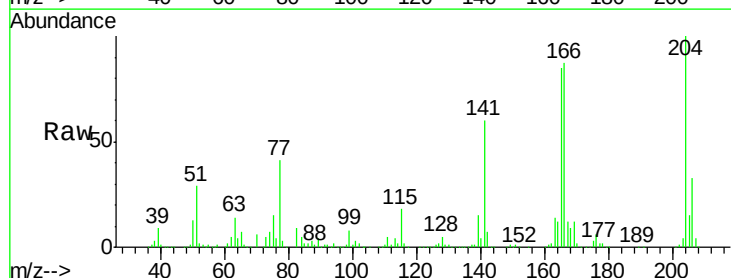
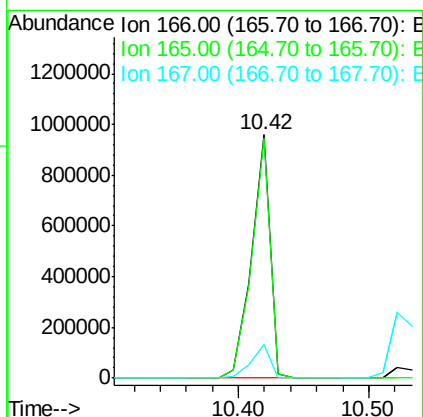
RT: 10.42 min Scan# 729

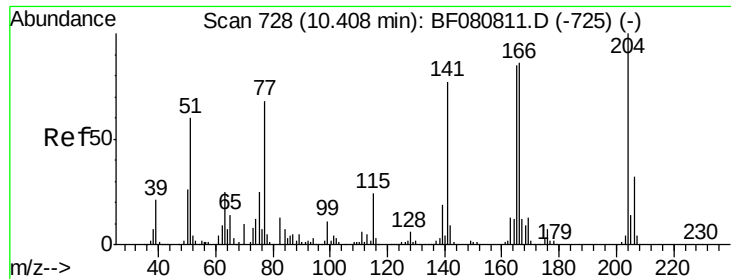
Delta R.T. -0.00 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Tgt Ion:	166	Resp:	948035
Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.9	119.9
167	13.6	10.8	16.2





#60

4-Chlorophenyl-phenylether

Concen: 150.58 ng

RT: 10.42 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Instrument :

BNA_F

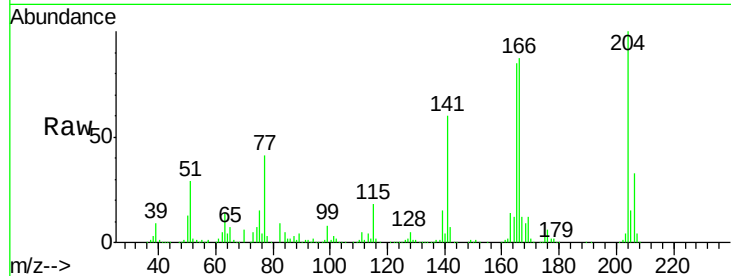
ClientSampleId :

8536

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MMDadoda
8/5/2015 2:28:30 PM

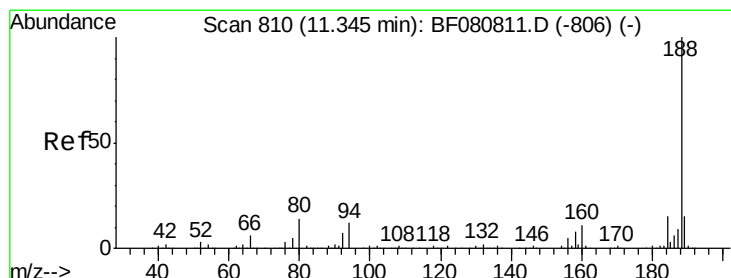
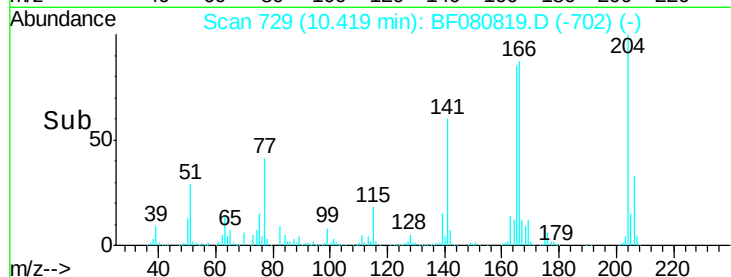
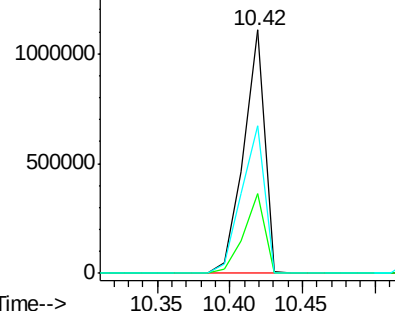
Tgt Ion:	204	Resp:	1120789
Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.6	38.4
141	60.4	61.2	91.8#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

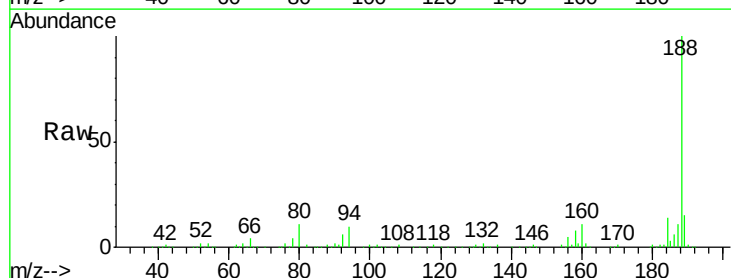
RT: 11.34 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

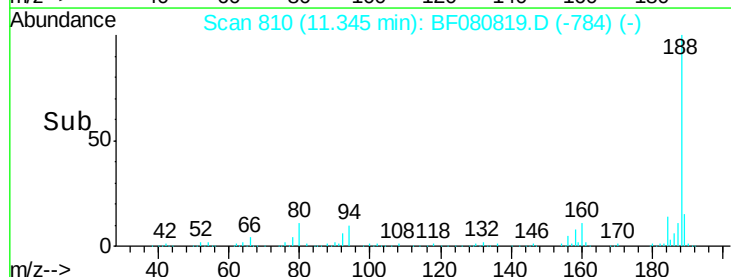
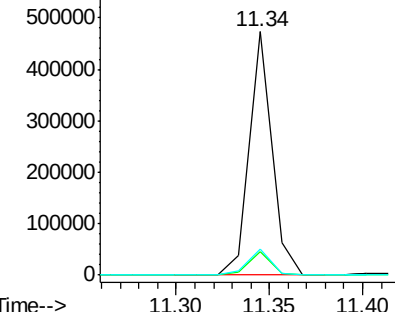
Tgt Ion:	188	Resp:	395934
Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.7	14.5#
80	10.9	11.2	16.8#

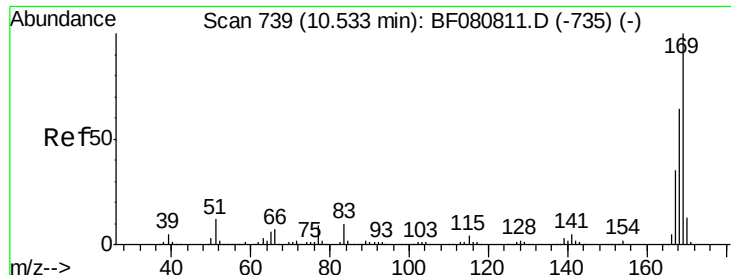


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





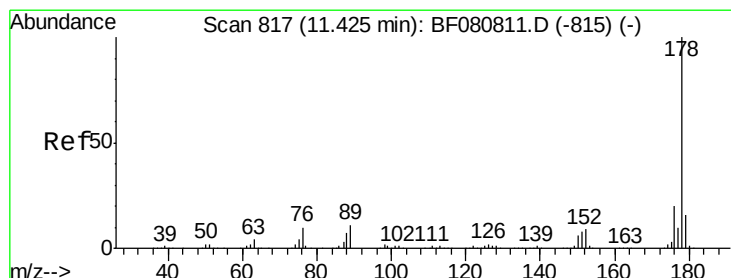
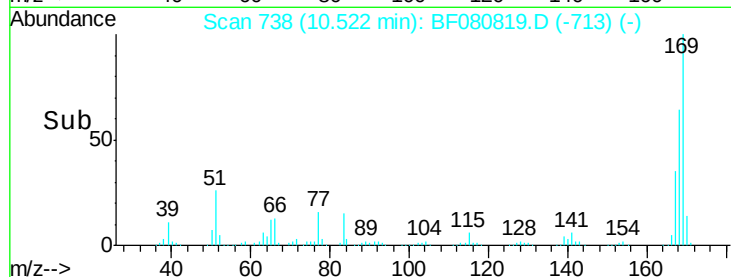
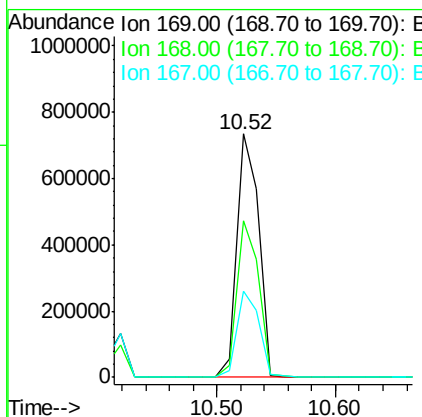
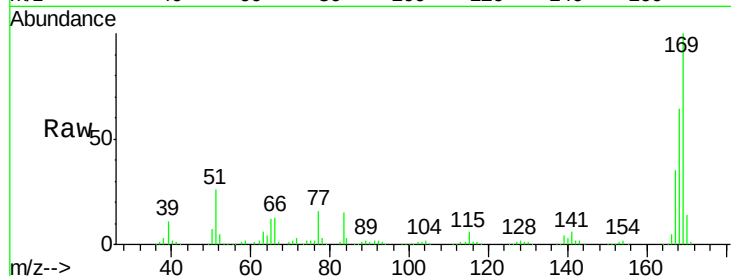
#65
 n-Nitrosodiphenylamine
 Concen: 67.79 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Instrument :
 BNA_F
 ClientSampleId :
 8536

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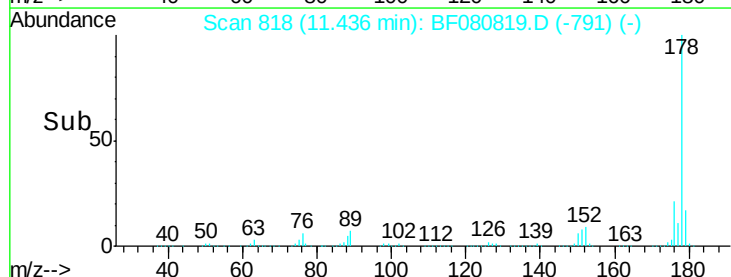
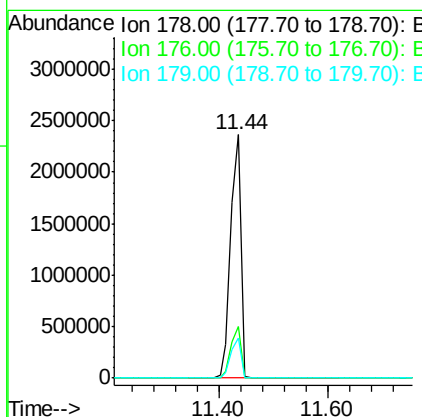
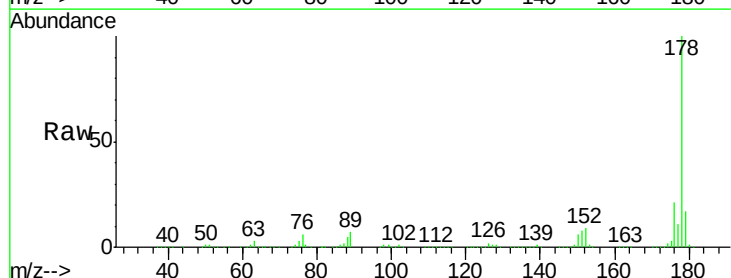
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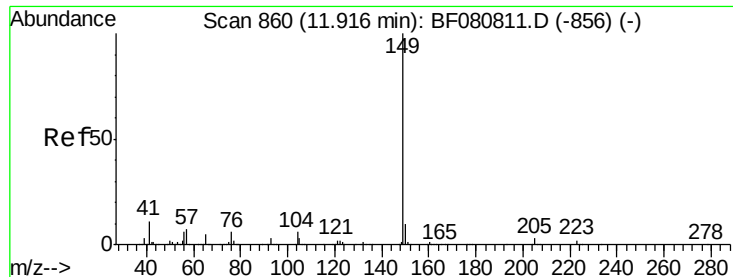
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	939550		
168	64.4	50.9	76.3	
167	35.4	27.7	41.5	



#71
 Anthracene
 Concen: 150.55 ng
 RT: 11.44 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	3060465		
176	21.0	15.8	23.8	
179	16.6	13.0	19.4	





#73

Di-n-butylphthalate

Concen: 51.86 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Instrument :

BNA_F

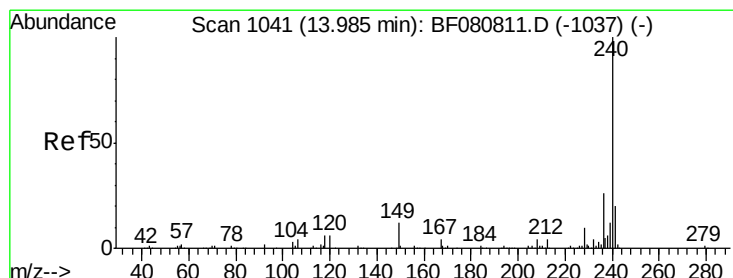
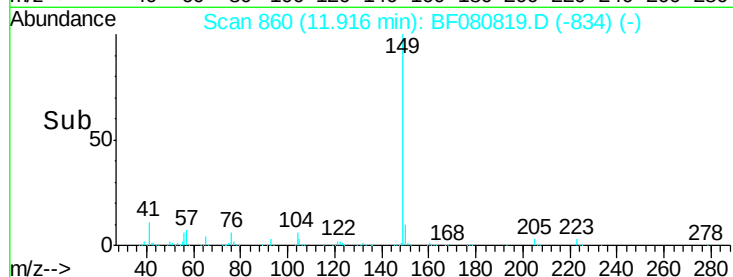
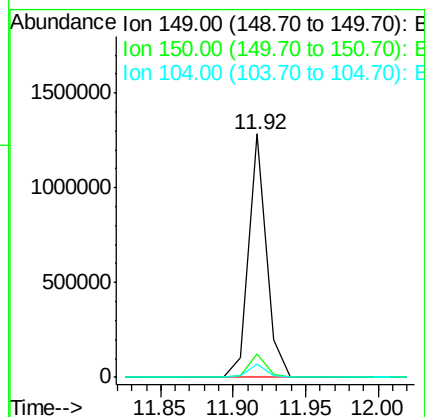
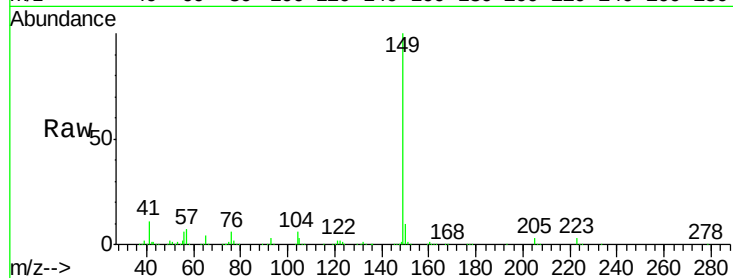
ClientSampleId :

8536

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Tgt Ion:	149	Resp:	1093039
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.8
104	5.6	4.6	6.8



#75

Chrysene-d12

Concen: 20.00 ng

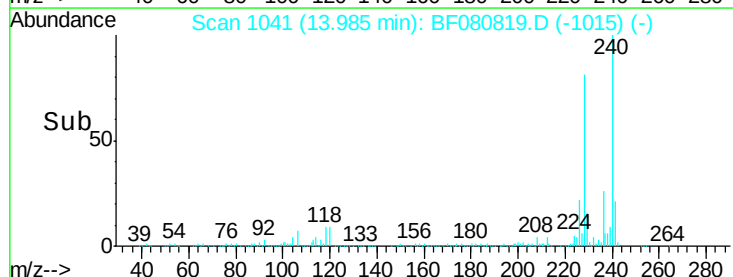
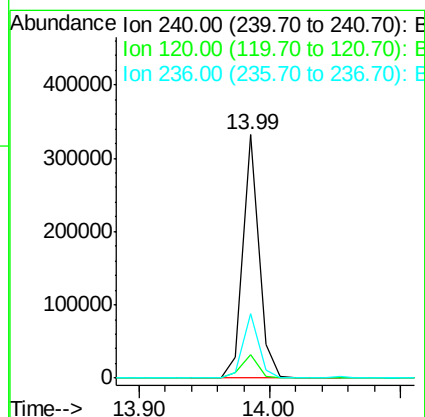
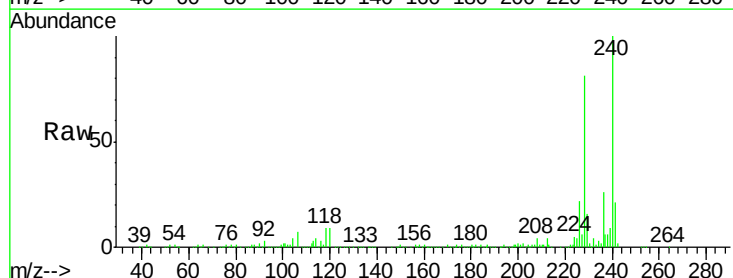
RT: 13.99 min Scan# 1041

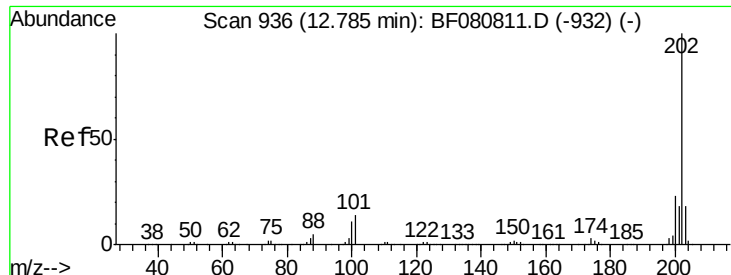
Delta R.T. -0.00 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Tgt Ion:	240	Resp:	282335
Ion Ratio	Lower	Upper	
240	100		
120	9.4	5.0	7.4#
236	26.3	20.8	31.2





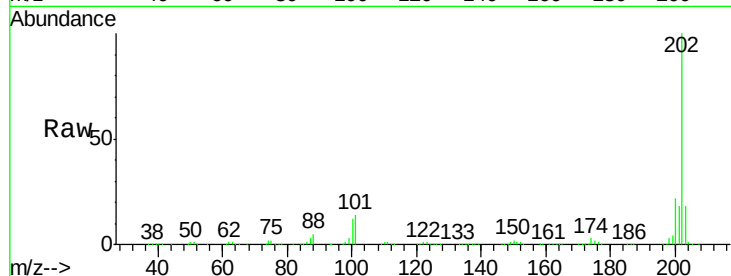
#77
 Pyrene
 Concen: 58.53 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Instrument :
 BNA_F
 ClientSampleId :
 8536

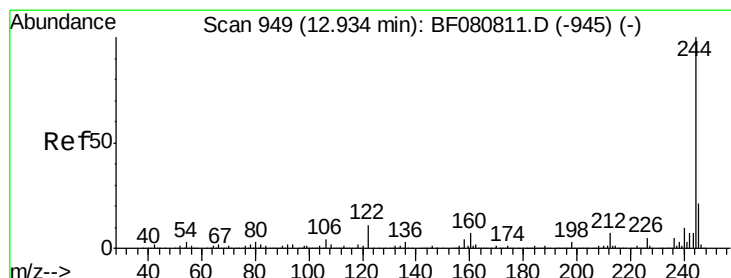
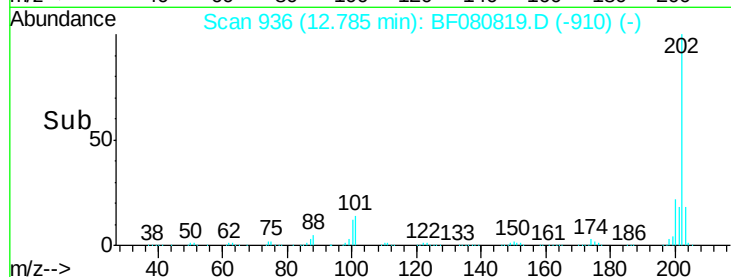
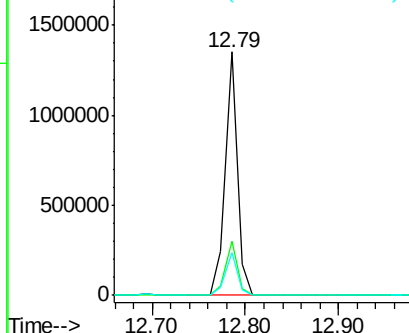
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Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.2	27.4
203	17.7	14.8	22.2

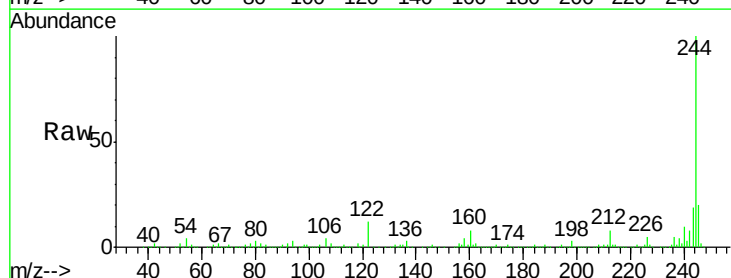


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

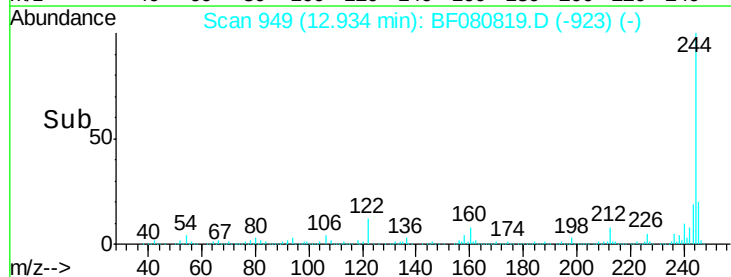
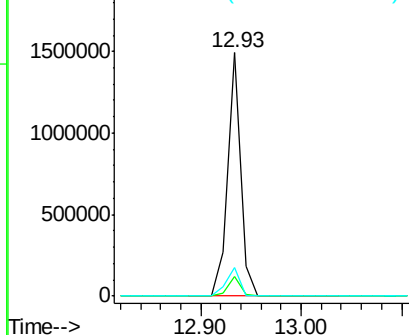


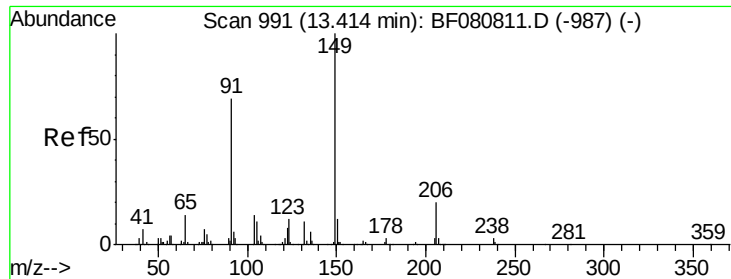
#78
 Terphenyl-d14
 Concen: 95.30 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	11.9	9.1	13.7



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





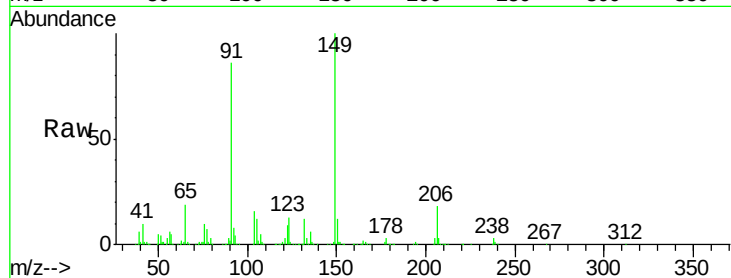
#79
Butylbenzylphthalate
Concen: 130.53 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Instrument :
BNA_F
ClientSampleId :
8536

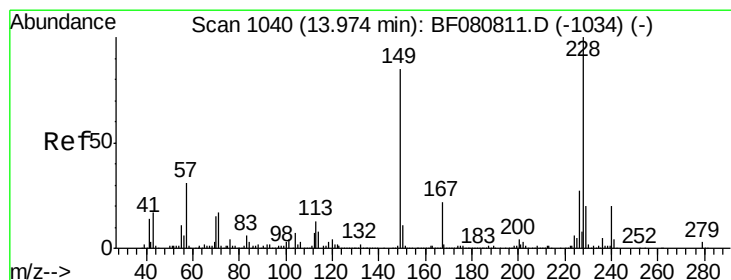
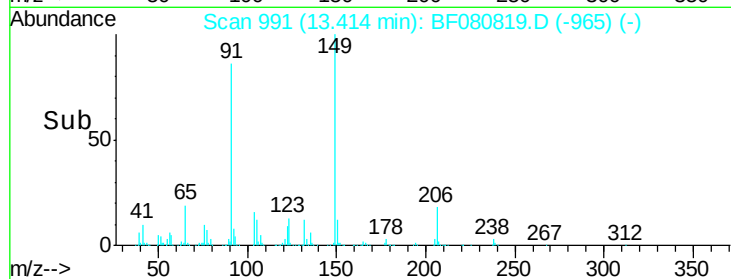
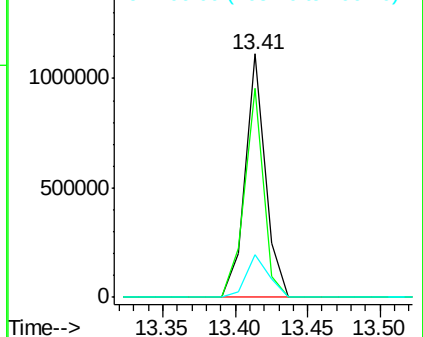
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Tgt Ion	Ratio	Lower	Upper
149	100		
91	85.9	55.4	83.2#
206	17.7	15.8	23.6

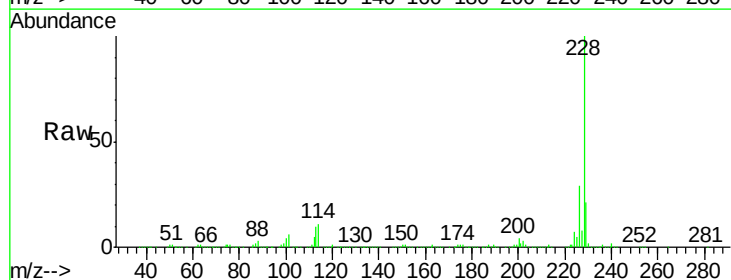


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

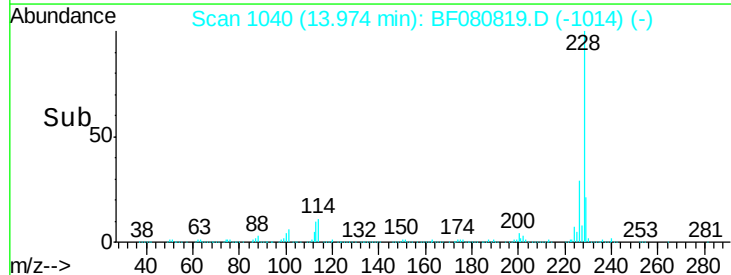
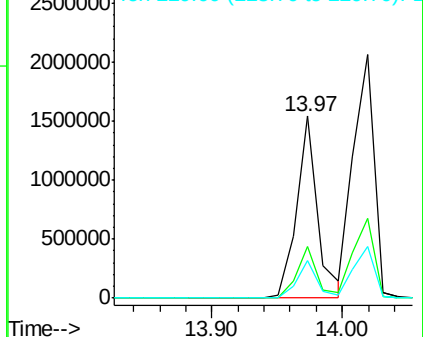


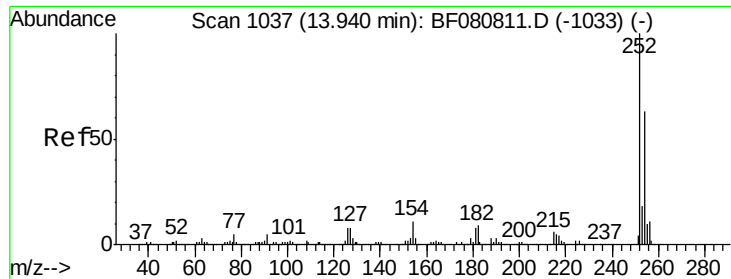
#80
Benzo(a)anthracene
Concen: 106.71 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.6	32.4
229	20.8	15.7	23.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





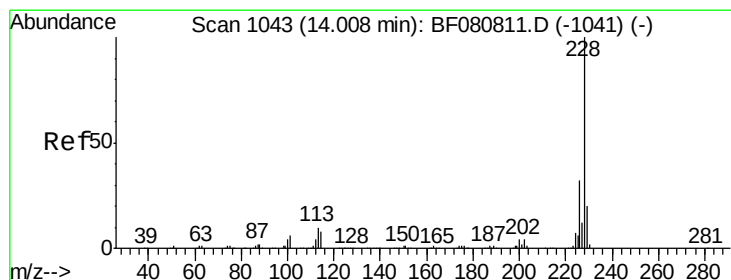
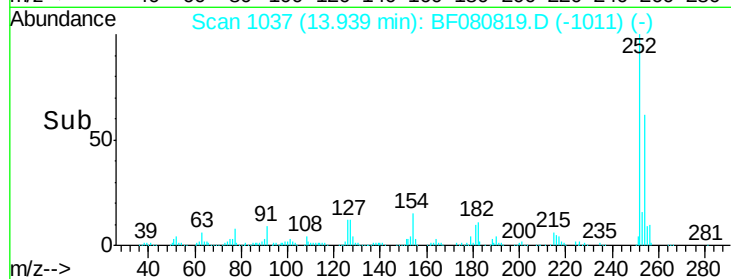
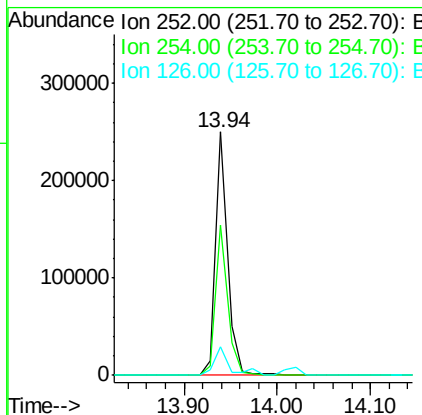
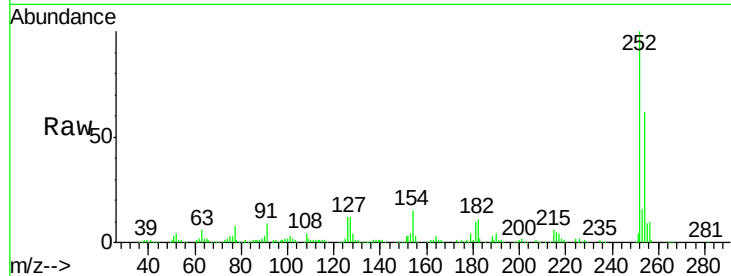
#81
 3,3'-Dichlorobenzidine
 Concen: 39.23 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Instrument :
 BNA_F
 ClientSampleId :
 8536

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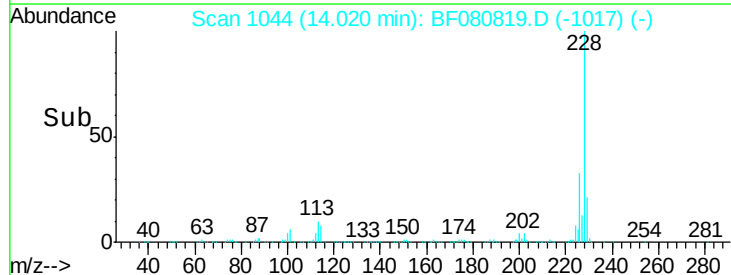
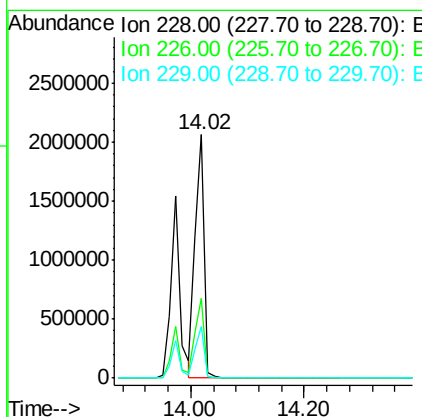
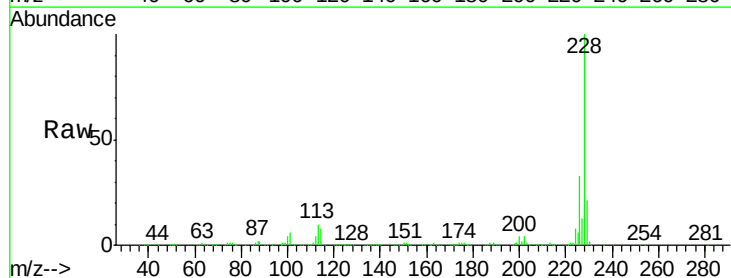
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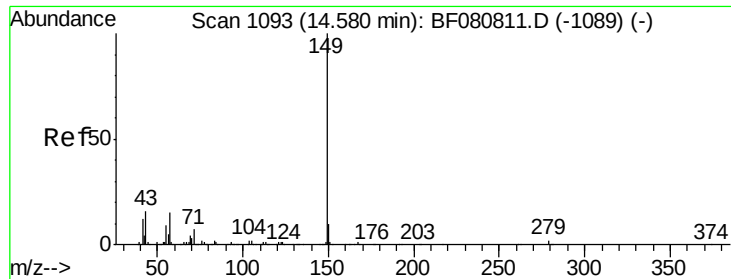
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	224369		
254	61.7	50.1	75.1	
126	12.0	6.2	9.4	



#82
 Chrysene
 Concen: 146.82 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BF080819.D
 Acq: 4 Aug 2015 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2300249		
226	33.0	25.0	37.6	
229	21.3	16.1	24.1	





#84

Di-n-octyl phthalate

Concen: 158.32 ng

RT: 14.59 min Scan# 1094

Delta R.T. 0.01 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Instrument :

BNA_F

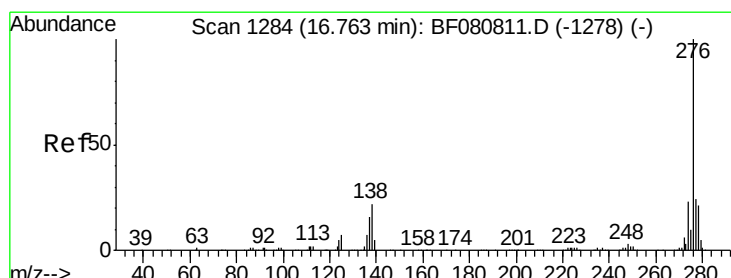
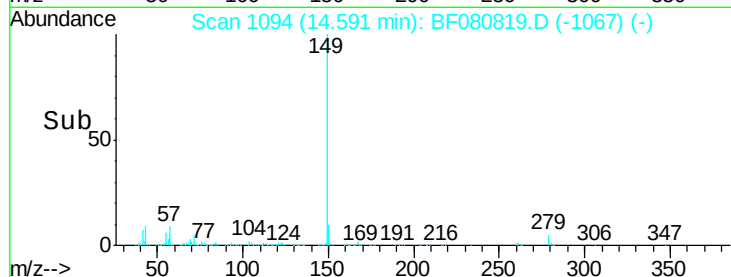
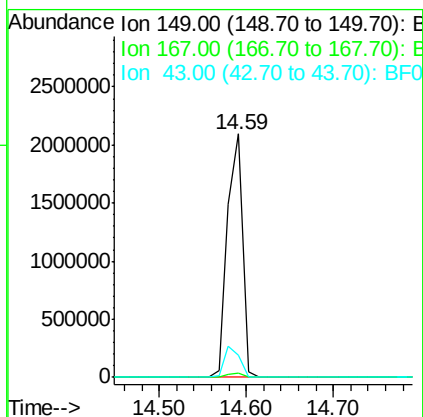
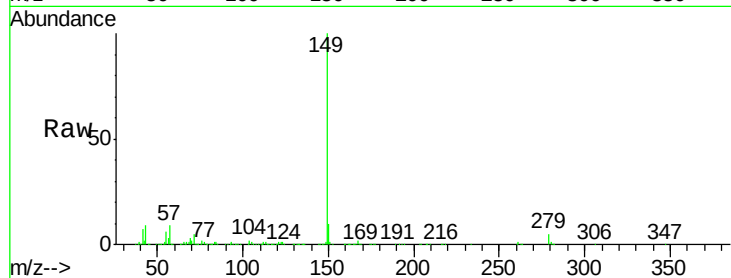
ClientSampleId :

8536

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Tgt Ion:	149	Resp:	2547286
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	13.3	11.8	17.8



#85

Indeno(1,2,3-cd)pyrene

Concen: 135.27 ng

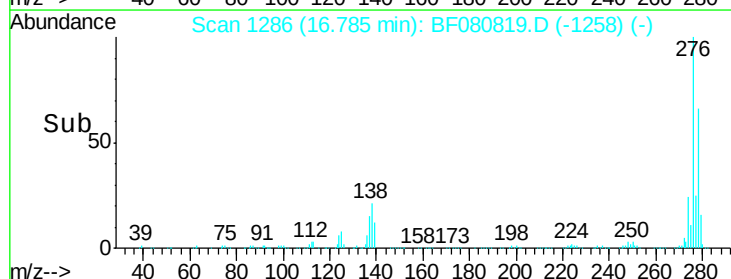
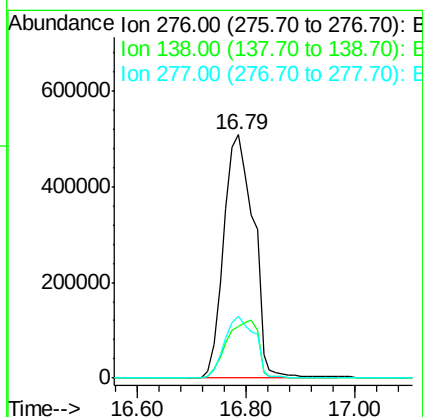
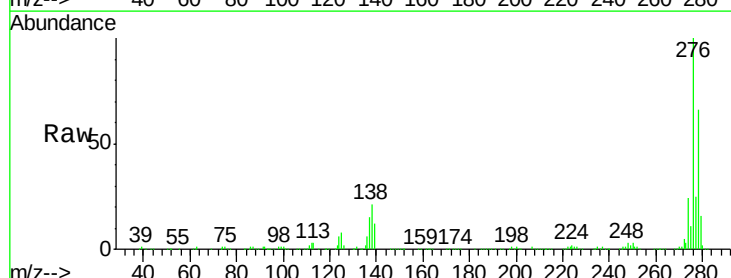
RT: 16.79 min Scan# 1286

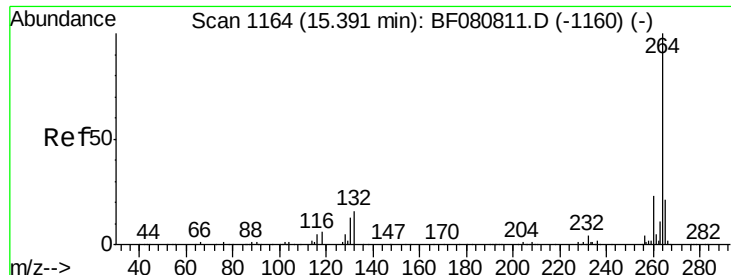
Delta R.T. 0.02 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

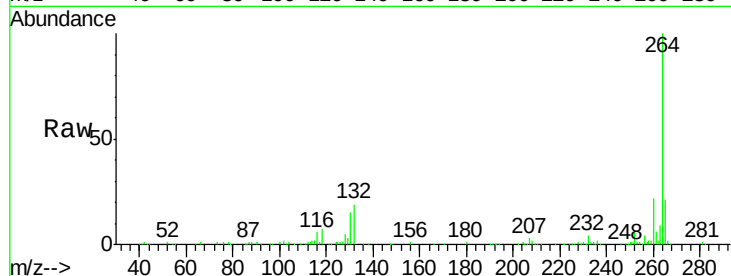
Tgt Ion:	276	Resp:	1943962
Ion Ratio	Lower	Upper	
276	100		
138	0.0	18.6	27.8#
277	25.7	20.1	30.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

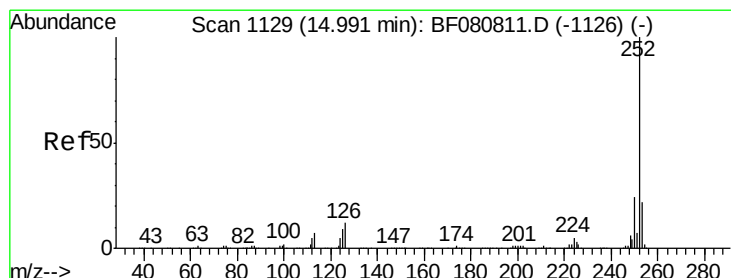
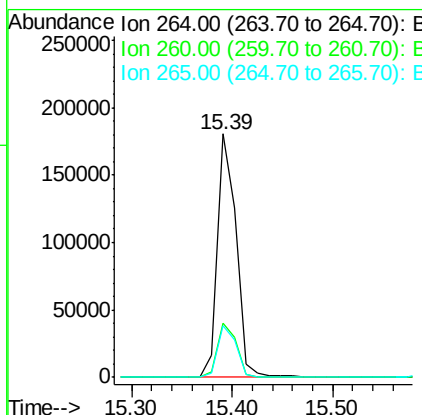
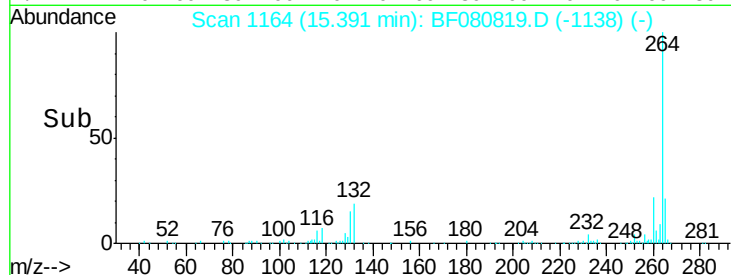
Instrument :
BNA_F
ClientSampleId :
8536



Tgt Ion	Ratio	Resp	Lower	Upper
264	100	232804		
260	22.3	18.3	27.5	
265	20.9	17.0	25.6	

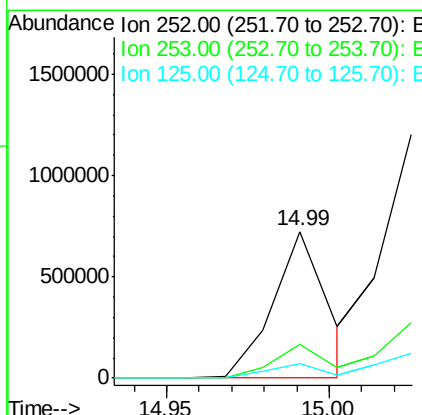
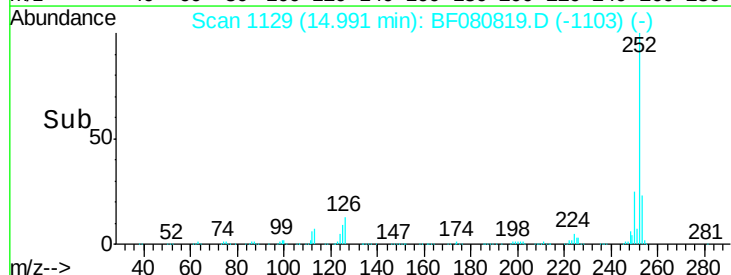
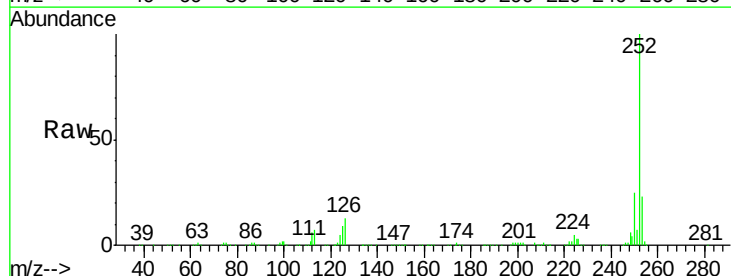
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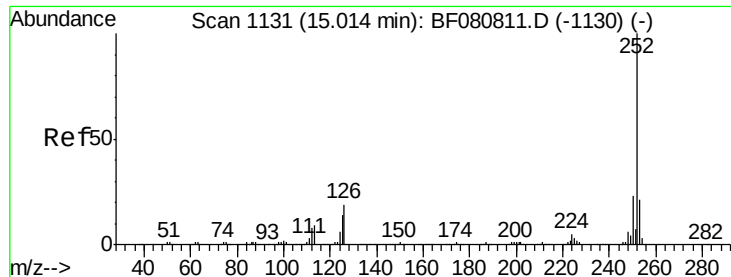
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#87
Benzo(b)fluoranthene
Concen: 61.54 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	838635		
253	22.8	17.5	26.3	
125	9.5	7.4	11.0	





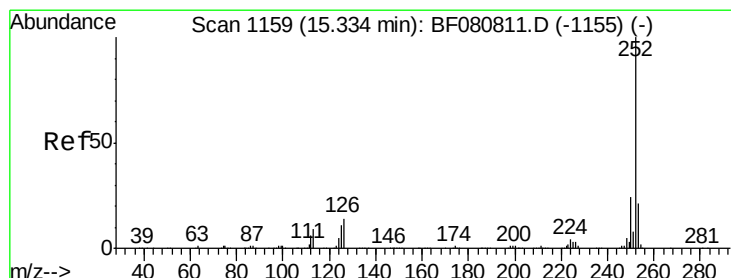
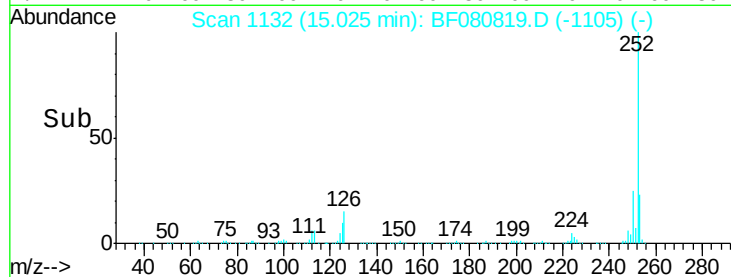
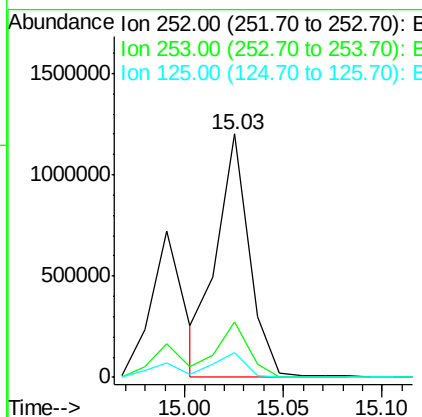
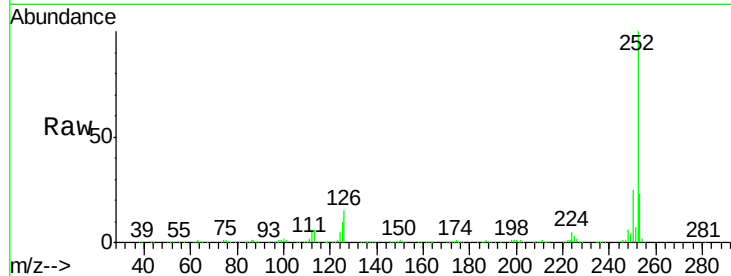
#88
Benzo(k)fluoranthene
Concen: 118.16 ng m
RT: 15.03 min Scan# 1132
Delta R.T. 0.01 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Instrument :
BNA_F
ClientSampleId :
8536

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	10.2	9.9	14.9

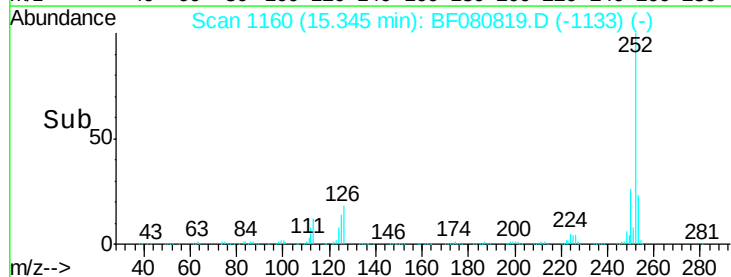
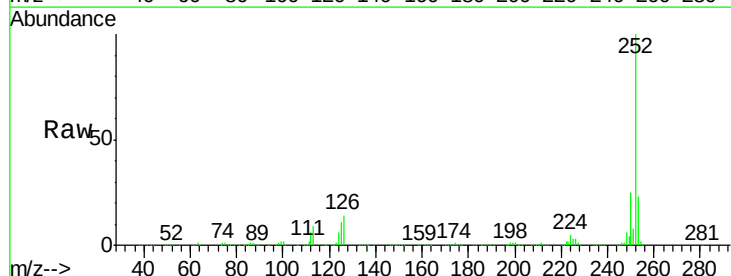
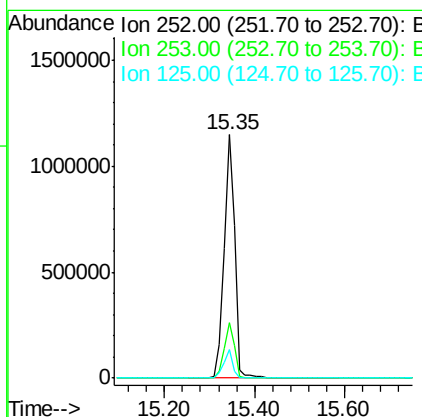
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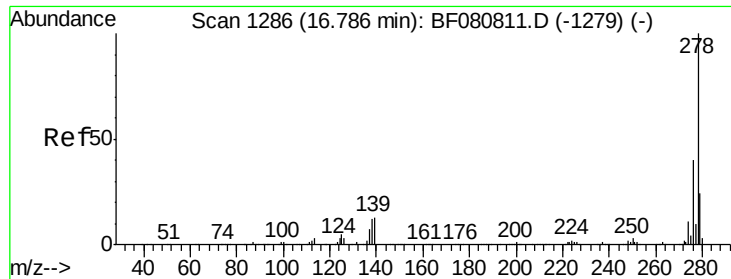
MMDadoda
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#89
Benzo(a)pyrene
Concen: 161.68 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.01 min
Lab File: BF080819.D
Acq: 4 Aug 2015 00:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	11.5	8.9	13.3





#90

Dibenzo(a,h)anthracene

Concen: 216.67 ng

RT: 16.82 min Scan# 1289

Delta R.T. 0.03 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Instrument :

BNA_F

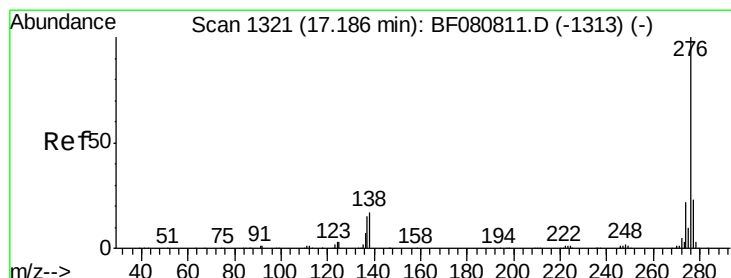
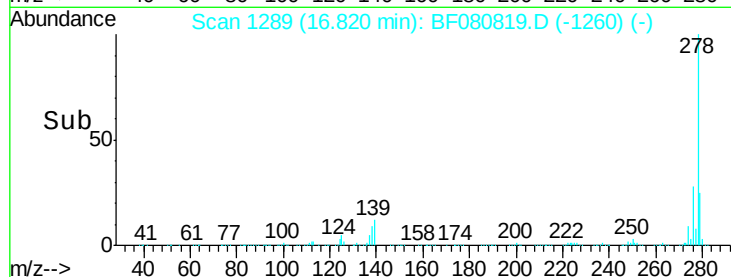
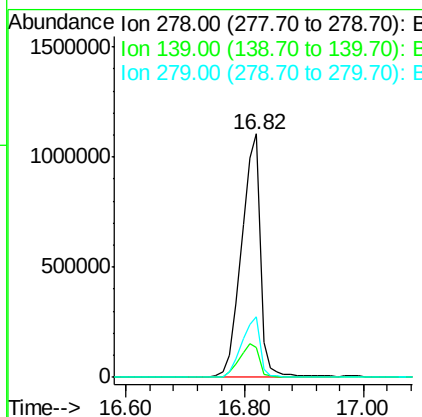
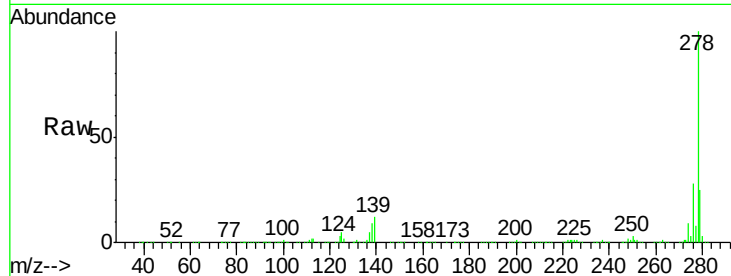
ClientSampleId :

8536

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Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.0	10.7	16.1
279	24.7	19.0	28.4



#91

Benzo(g,h,i)perylene

Concen: 19.66 ng

RT: 17.17 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF080819.D

Acq: 4 Aug 2015 00:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	27.8
138	20.0	13.3	19.9#

