

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
 Data File : BF114026.D
 Acq On : 29 Apr 2019 16:51
 Operator : JU/SJ
 Sample : K2554-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3860

Manual Integrations
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Sohil
 4/30/2019 6:42:17 PM

Quant Time: Apr 30 05:53:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	128642	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	489316	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	259290	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	517497	20.00	ng	0.00
76) Chrysene-d12	14.04	240	355128	20.00	ng	-0.02
87) Perylene-d12	15.54	264	382042	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	804113	106.91	ng	0.00
7) Phenol-d6	6.52	99	1057149	112.03	ng	0.00
23) Nitrobenzene-d5	7.45	82	629388	79.42	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	351702	111.34	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1240531	74.83	ng	-0.01
79) Terphenyl-d14	12.99	244	1381924	79.78	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.63	163	196328	10.470	ng	99
58) Fluorene	10.47	166	82526	4.910	ng	100
71) Phenanthrene	11.43	178	674248	25.925	ng	99
72) Anthracene	11.48	178	143366	5.459	ng	98
75) Fluoranthene	12.62	202	1296019	45.676	ng	99
78) Pyrene	12.85	202	951988	38.333	ng	99
81) Benzo(a)anthracene	14.04	228	249485	11.924	ng	98
83) Chrysene	14.07	228	204527	10.037	ng	97
86) Indeno(1,2,3-cd)pyrene	17.02	276	54761	2.837	ng	96
88) Benzo(b)fluoranthene	15.10	252	168412m	6.967	ng	
89) Benzo(k)fluoranthene	15.13	252	58675m	2.822	ng	
90) Benzo(a)pyrene	15.47	252	94895	4.539	ng	99
92) Benzo(g,h,i)perylene	17.46	276	46807	2.363	ng	99

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

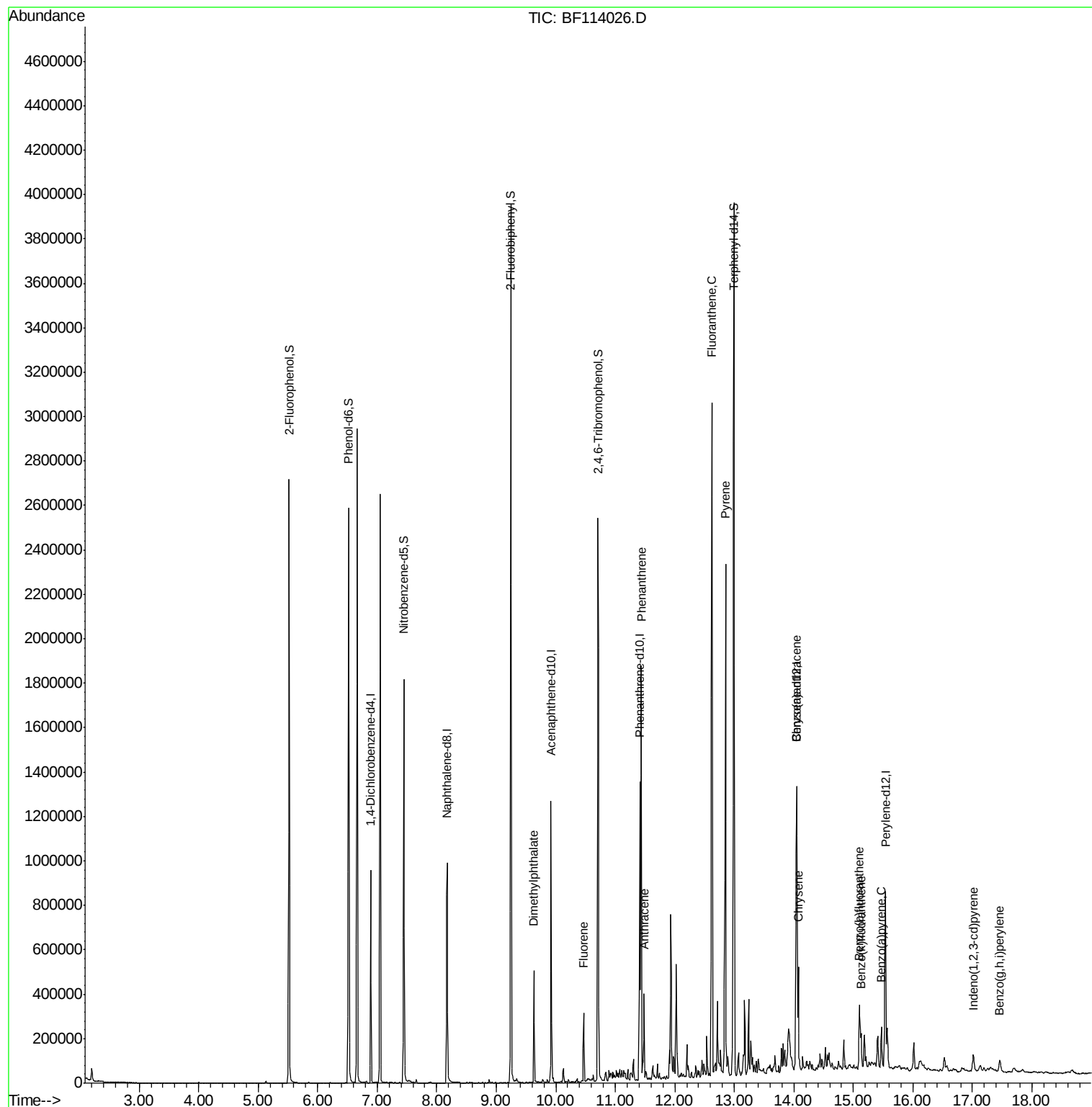
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042919\
Data File : BF114026.D
Acq On : 29 Apr 2019 16:51
Operator : JU/SJ
Sample : K2554-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

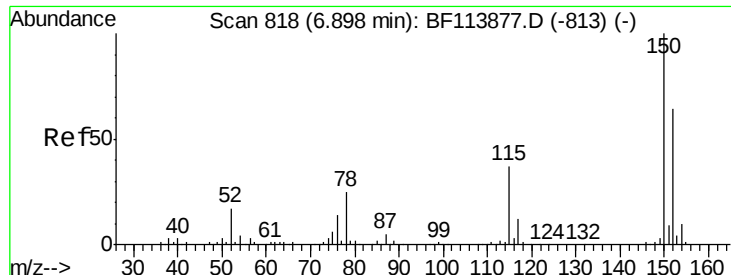
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF114026.D

Acq: 29 Apr 2019 16:51

Instrument :

BNA_F

ClientSampled :

RT3860

Tgt Ion:152 Resp: 128642
Ion Ratio Lower Upper

152 100

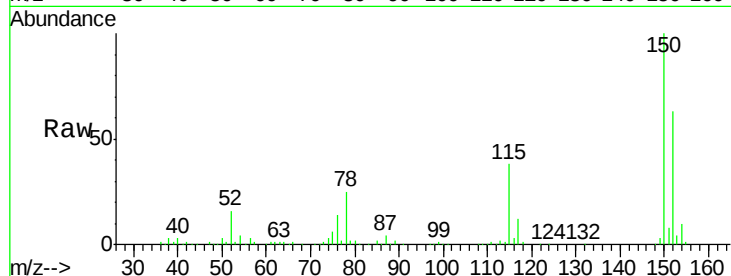
150 157.5 125.9 188.9

115 59.1 45.9 68.9

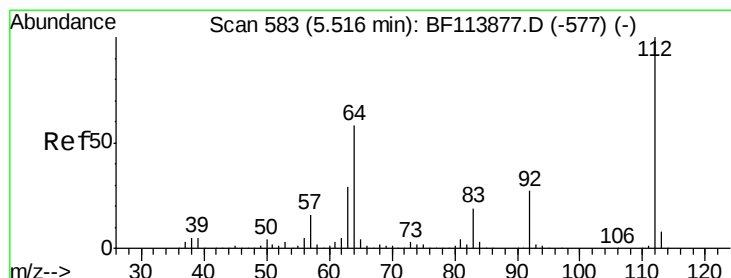
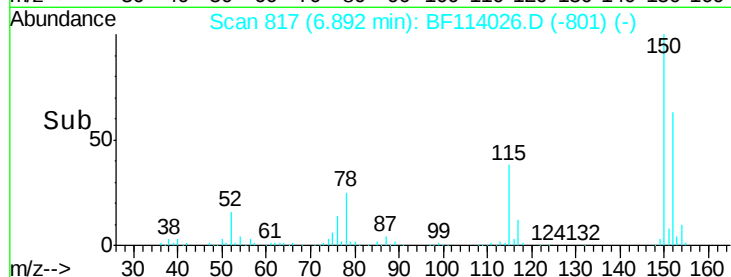
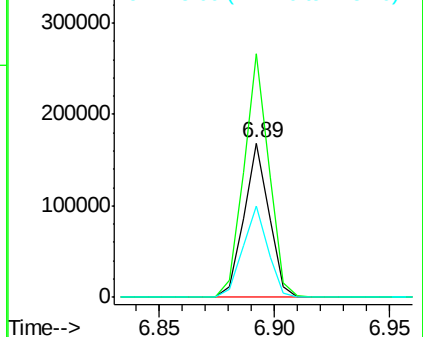
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 106.911 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF114026.D

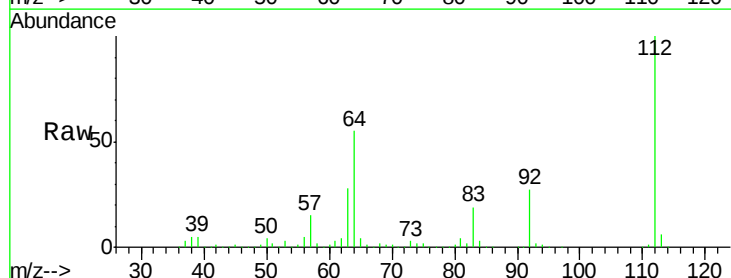
Acq: 29 Apr 2019 16:51

Tgt Ion:112 Resp: 804113
Ion Ratio Lower Upper

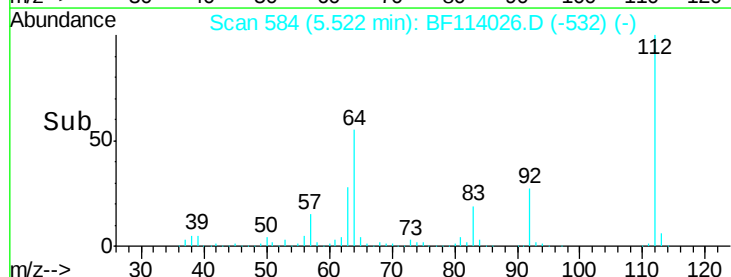
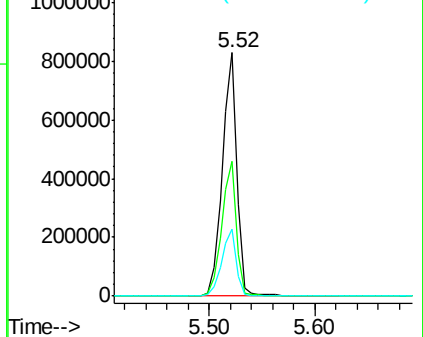
112 100

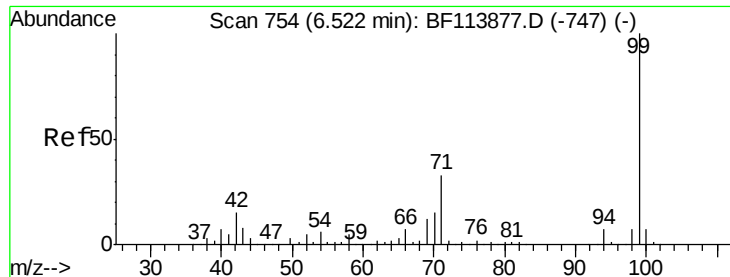
64 55.4 46.6 69.8

63 27.5 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 112.028 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF114026.D

Acq: 29 Apr 2019 16:51

Instrument :

BNA_F

ClientSampleId :

RT3860

Tgt Ion: 99 Resp: 1057149

Ion Ratio Lower Upper

99 100

42 15.7 12.5 18.7

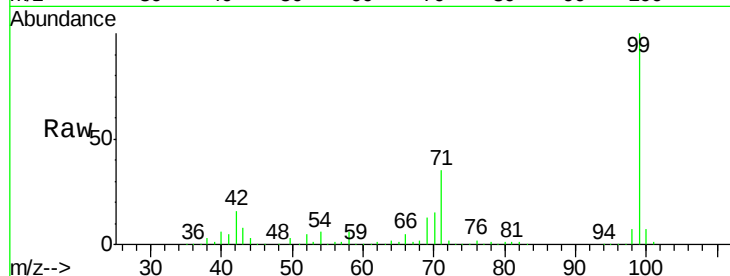
71 35.2 26.9 40.3

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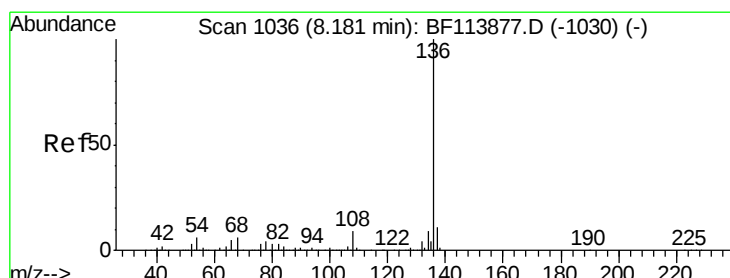
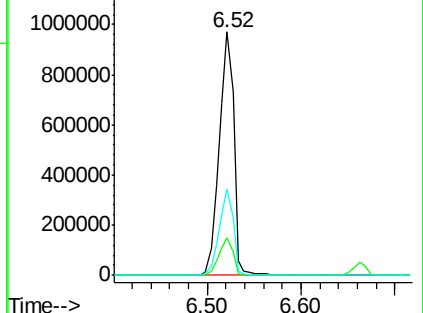
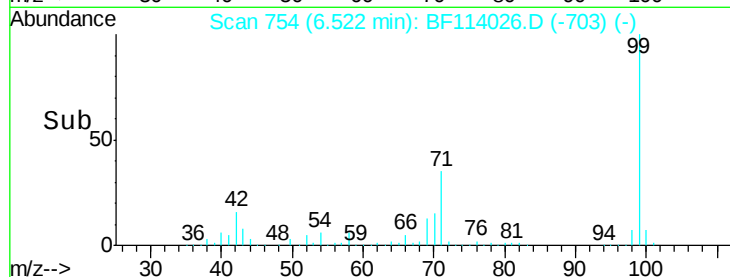
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF114026.D

Acq: 29 Apr 2019 16:51

Tgt Ion: 136 Resp: 489316

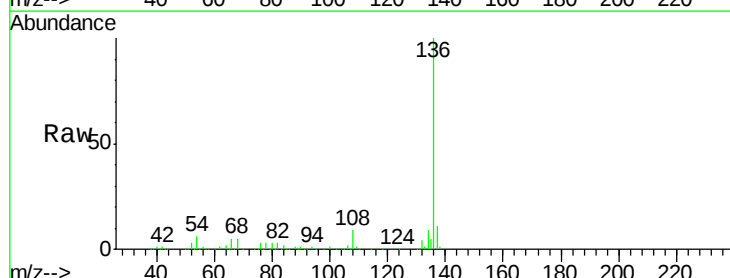
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 5.6 5.0 7.6

68 5.4 4.9 7.3

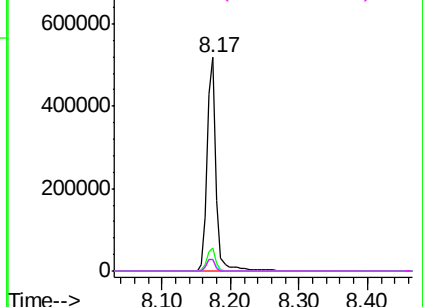
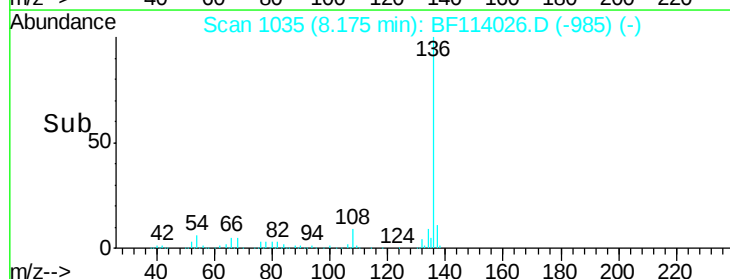


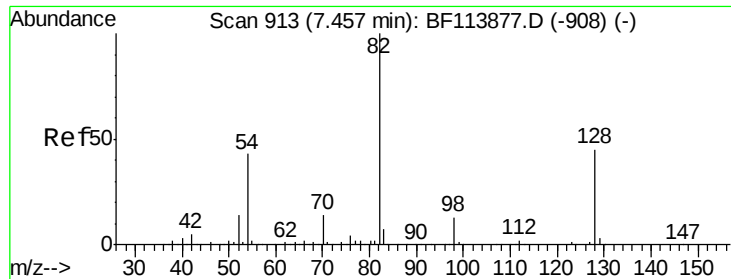
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





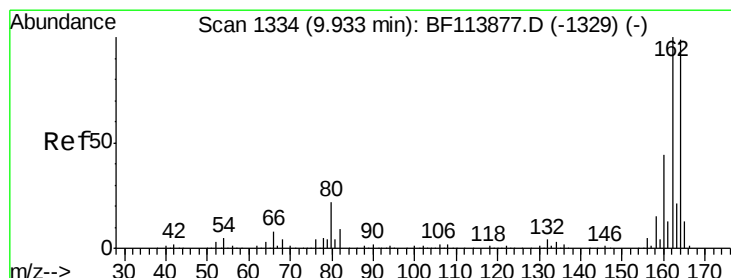
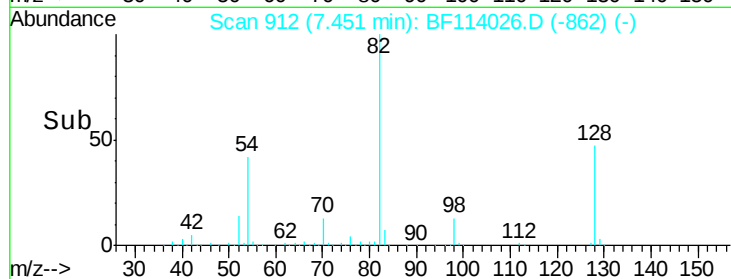
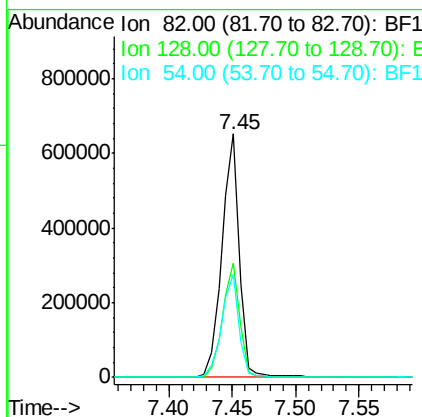
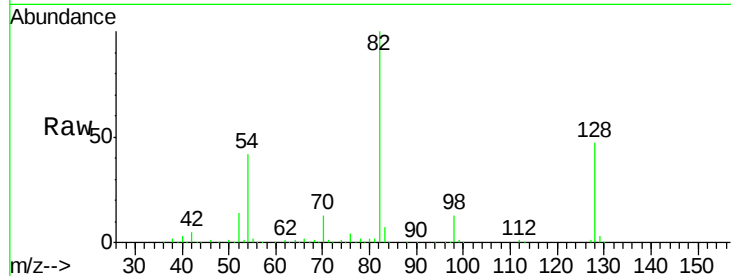
#23
 Nitrobenzene-d5
 Concen: 79.419 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF114026.D
 Acq: 29 Apr 2019 16:51

Instrument :
 BNA_F
 ClientSampled :
 RT3860

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	629388		
128	47.1	36.8	55.2	
54	42.2	33.8	50.6	

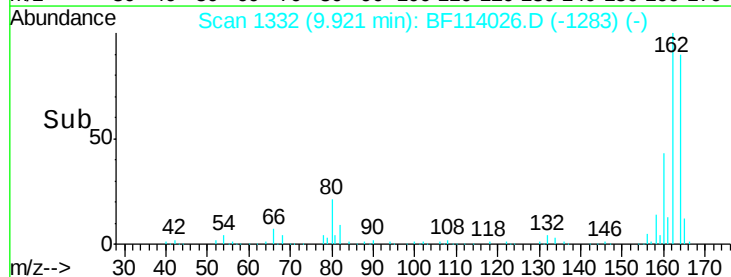
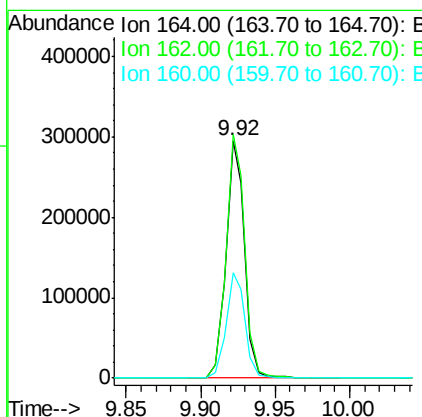
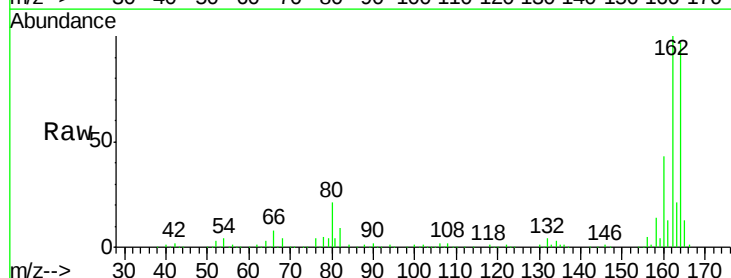
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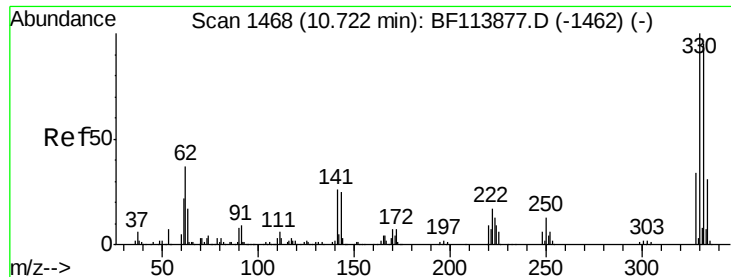
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF114026.D
 Acq: 29 Apr 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	259290		
162	102.6	81.1	121.7	
160	44.2	35.8	53.6	





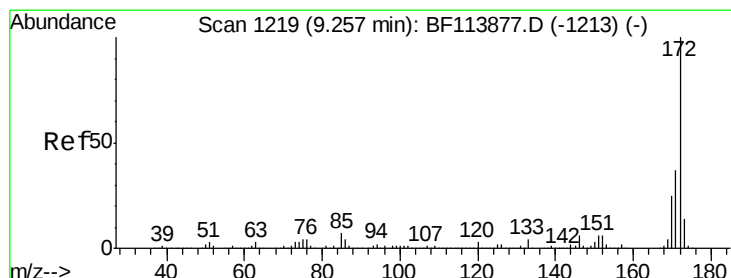
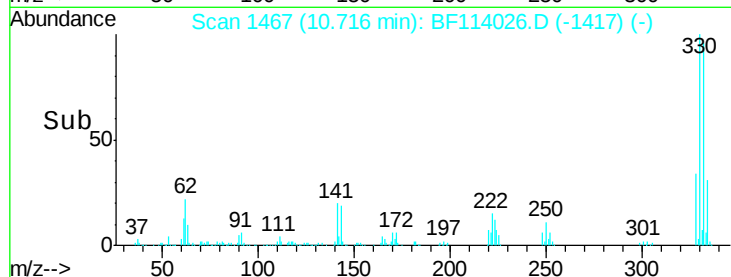
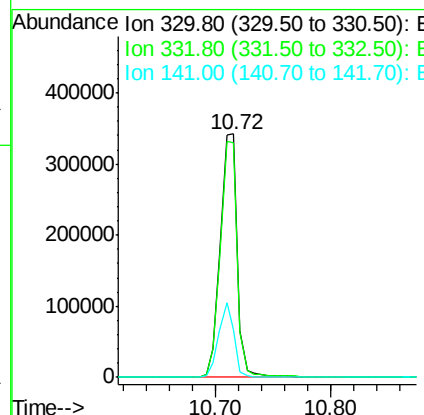
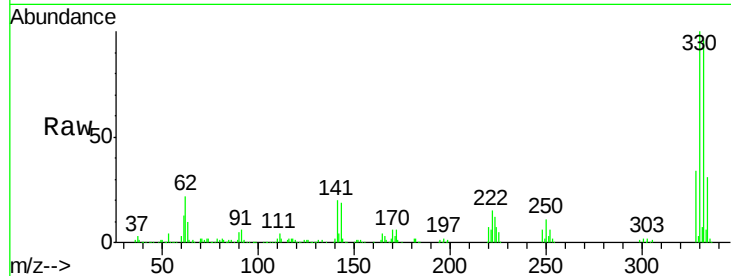
#42
 2,4,6-Tribromophenol
 Concen: 111.345 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF114026.D
 Acq: 29 Apr 2019 16:51

Instrument :
 BNA_F
 ClientSampled :
 RT3860

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	351702		
332	97.1	77.5	116.3	
141	27.6	22.2	33.2	

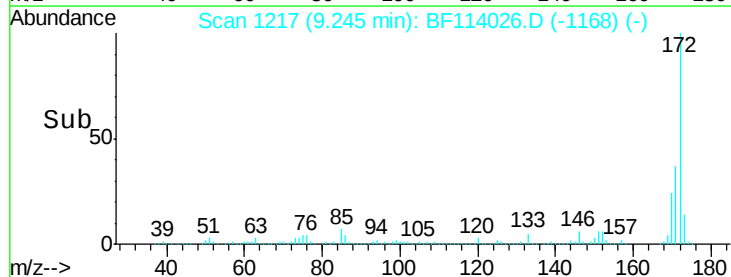
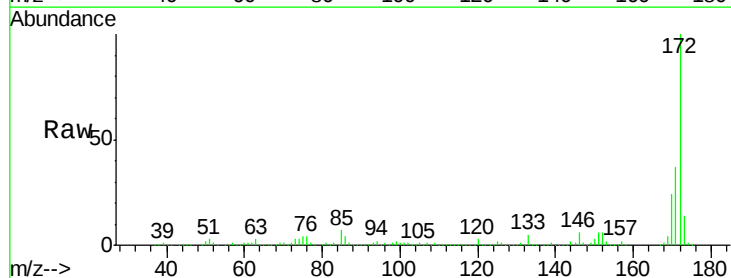
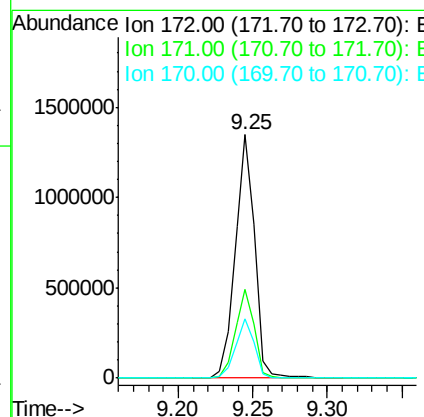
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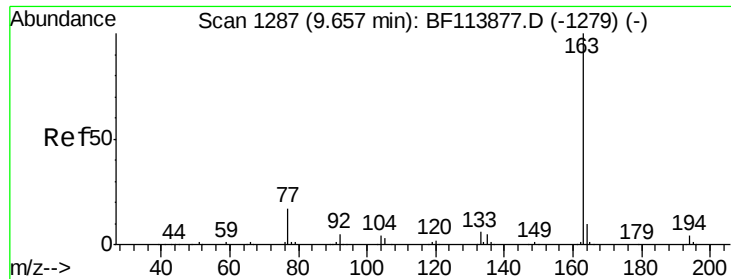
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#45
 2-Fluorobiphenyl
 Concen: 74.828 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF114026.D
 Acq: 29 Apr 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1240531		
171	36.6	29.4	44.0	
170	24.4	19.9	29.9	





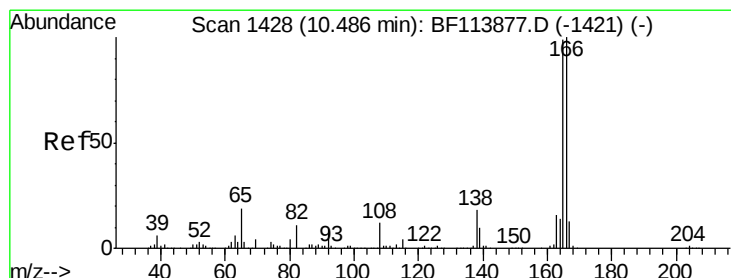
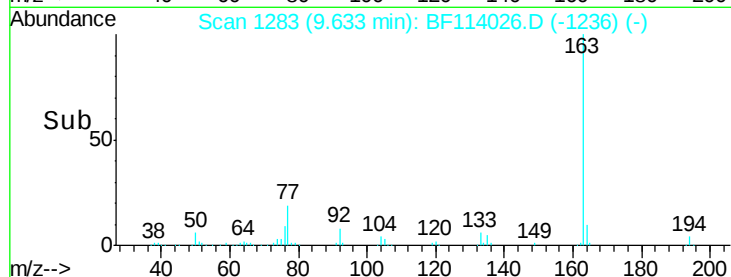
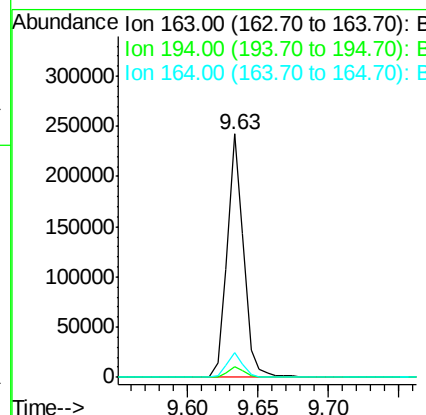
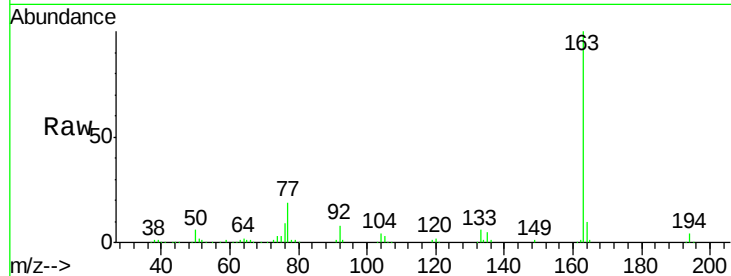
#50
Dimethylphthalate
Concen: 10.470 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF114026.D
Acq: 29 Apr 2019 16:51

Instrument :
BNA_F
ClientSampleId :
RT3860

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	196328		
194	4.2		3.4	5.2
164	10.3		8.5	12.7

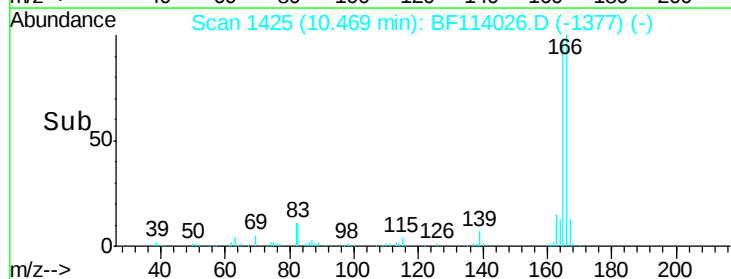
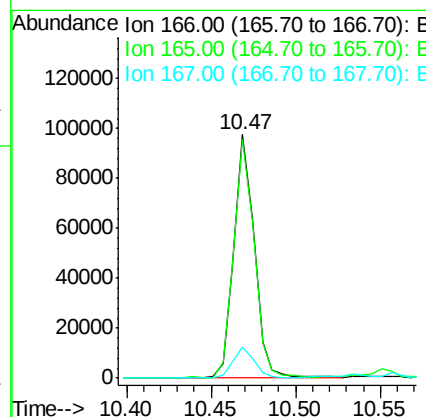
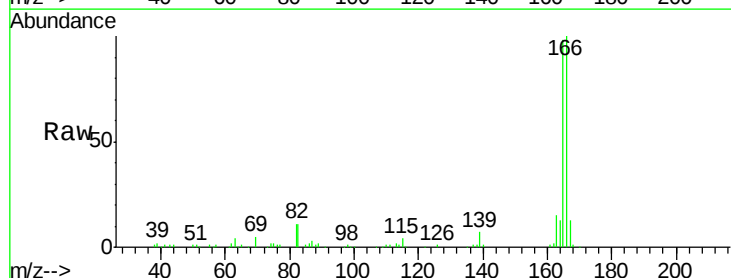
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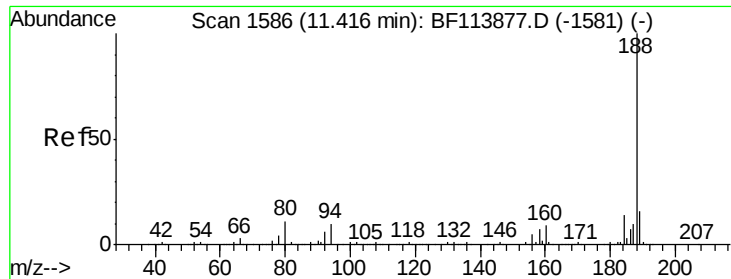
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#58
Fluorene
Concen: 4.910 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF114026.D
Acq: 29 Apr 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	82526		
165	97.9		78.4	117.6
167	12.8		10.9	16.3





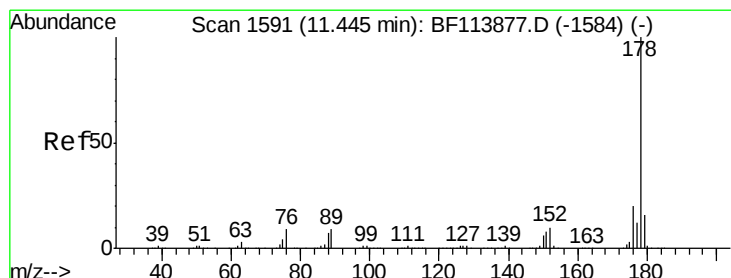
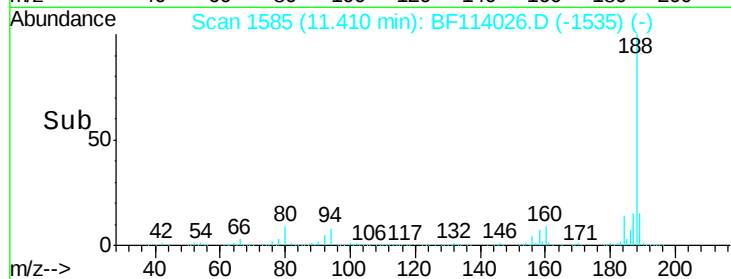
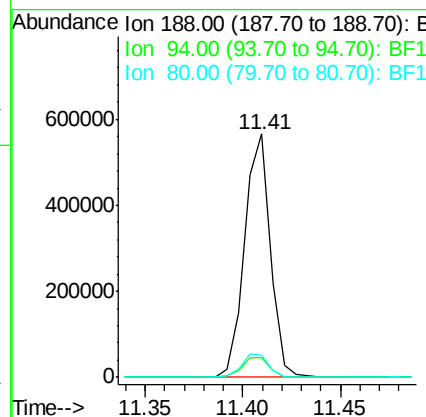
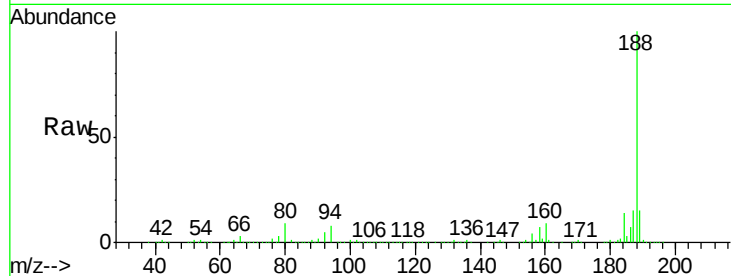
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF114026.D
 Acq: 29 Apr 2019 16:51

Instrument :
 BNA_F
 ClientSampleId :
 RT3860

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	517497		
94	8.3		8.2	12.4
80	9.3		9.0	13.6

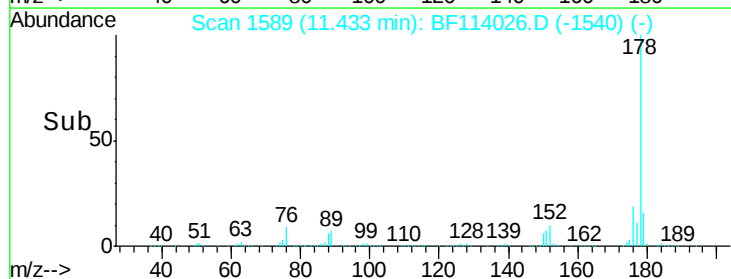
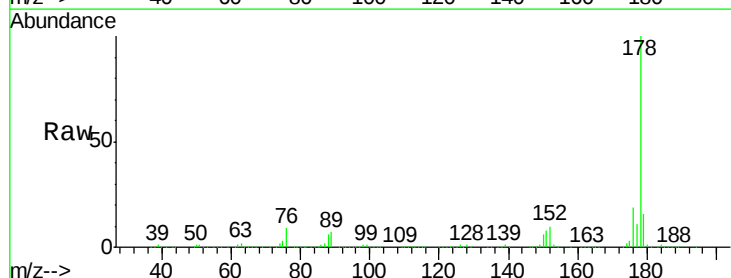
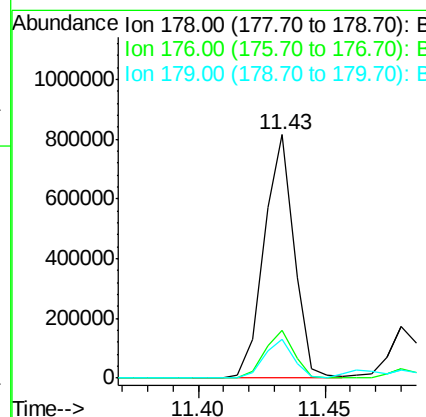
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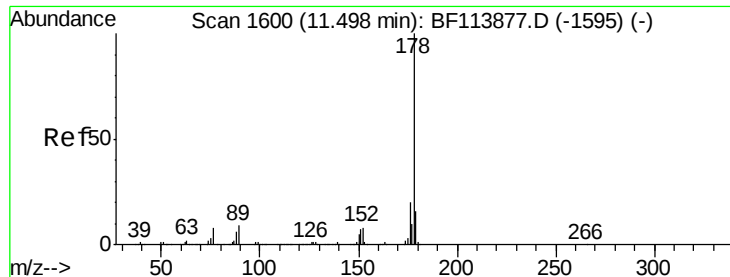
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#71
 Phenanthrene
 Concen: 25.925 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF114026.D
 Acq: 29 Apr 2019 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	674248		
176	19.5		16.1	24.1
179	15.8		12.8	19.2





#72

Anthracene

Concen: 5.459 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BF114026.D

Acq: 29 Apr 2019 16:51

Instrument :

BNA_F

ClientSampled :

RT3860

Tgt Ion:178 Resp: 143366

Ion Ratio Lower Upper

178 100

176 18.3 15.7 23.5

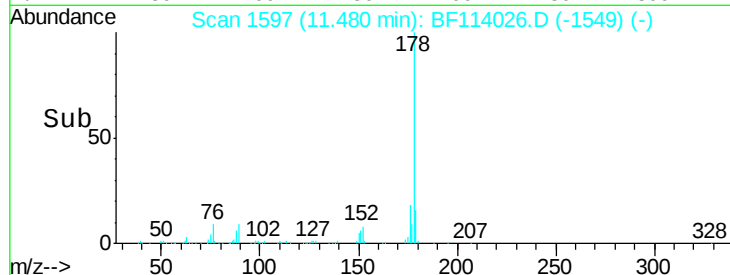
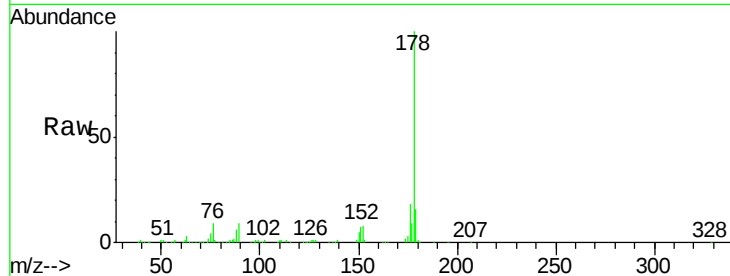
179 16.3 13.0 19.4

Manual Integrations

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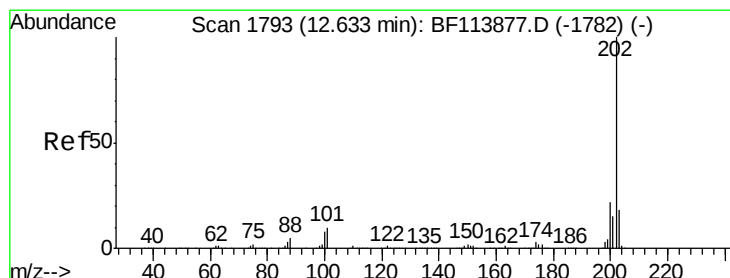
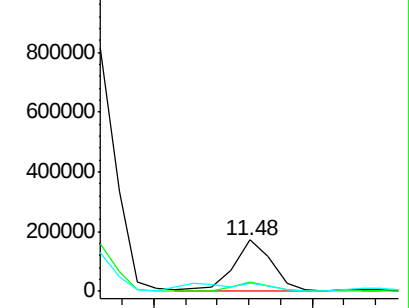
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 45.676 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF114026.D

Acq: 29 Apr 2019 16:51

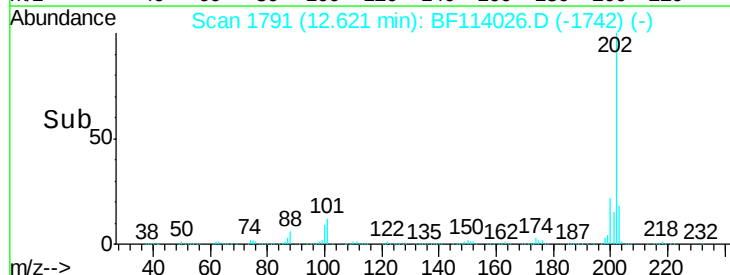
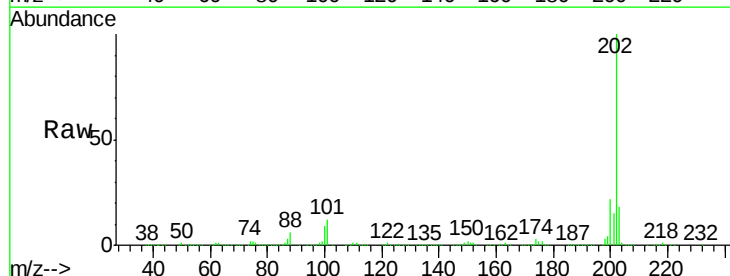
Tgt Ion:202 Resp: 1296019

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.9

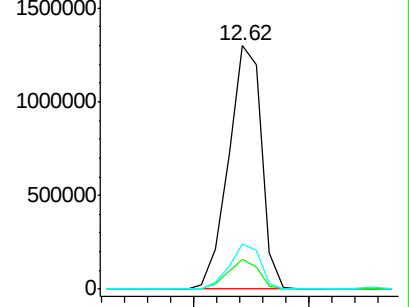
203 18.4 0.0 38.2

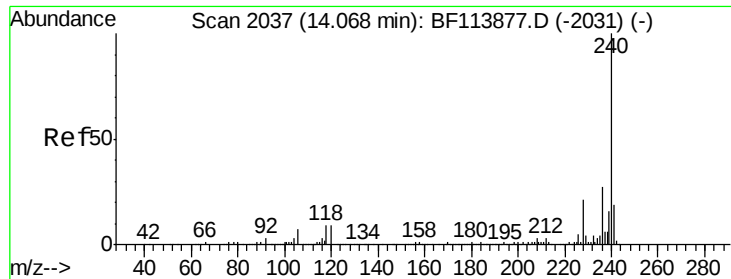


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.02 min

Lab File: BF114026.D

Acq: 29 Apr 2019 16:51

Instrument :

BNA_F

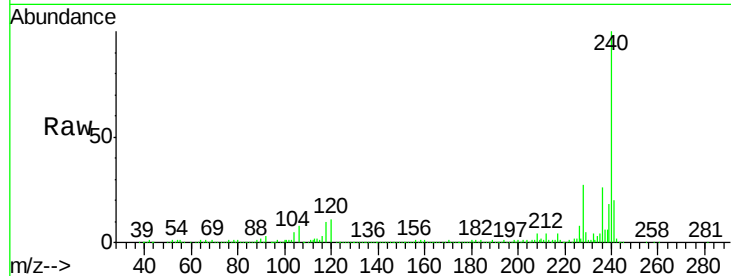
ClientSampled :

RT3860

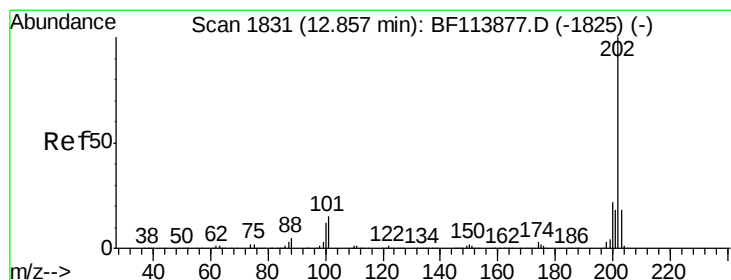
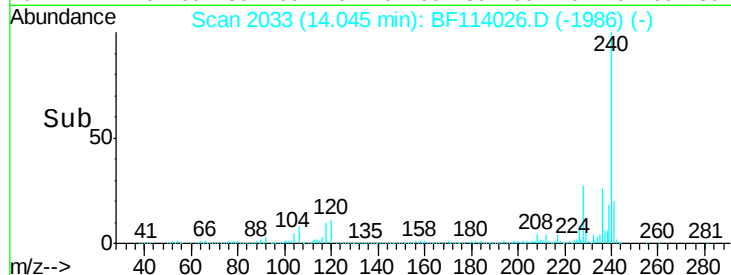
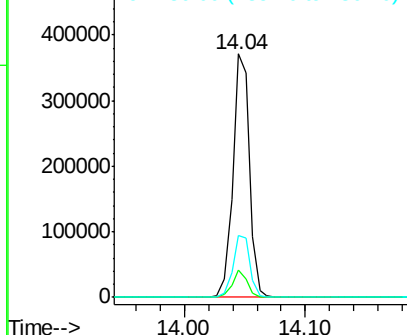
Tgt Ion:	240	Resp:	355128
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.3	13.9
236	25.7	21.2	31.8

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



#78

Pyrene

Concen: 38.333 ng

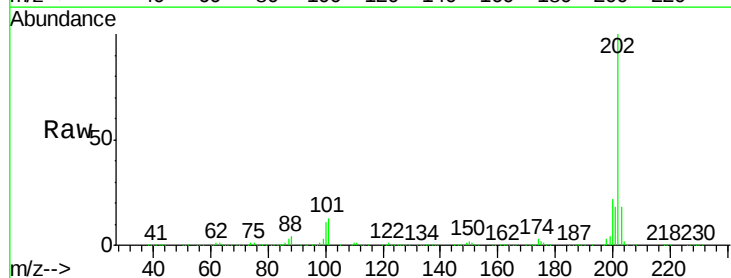
RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

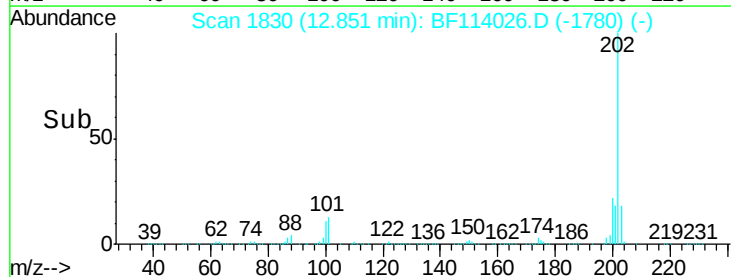
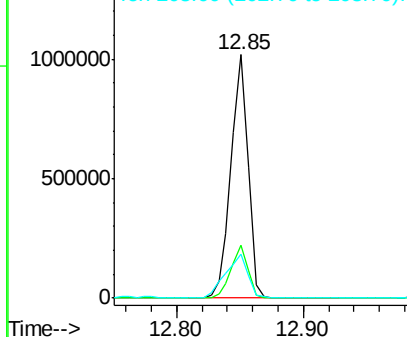
Lab File: BF114026.D

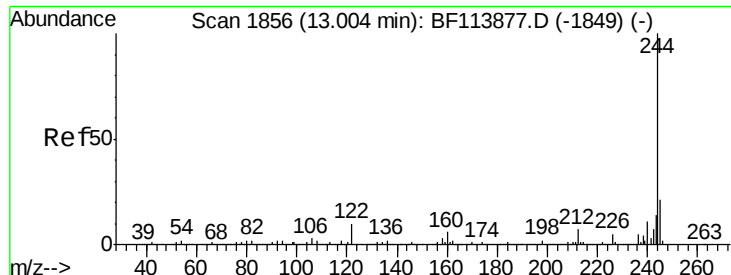
Acq: 29 Apr 2019 16:51

Tgt Ion:	202	Resp:	951988
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.7	26.5
203	18.2	15.0	22.6



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





#79

Terphenyl-d14

Concen: 79.778 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF114026.D

Acq: 29 Apr 2019 16:51

Instrument :

BNA_F

ClientSampleId :

RT3860

Tgt Ion:244 Resp: 1381924

Ion Ratio Lower Upper

244 100

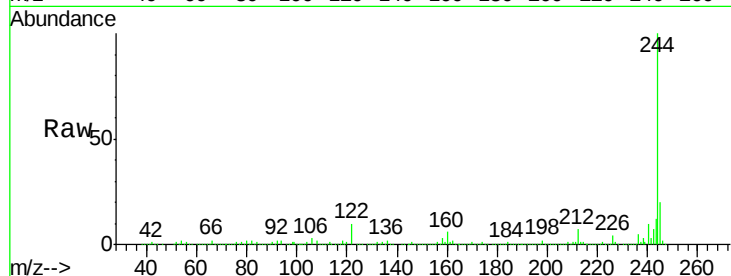
212 6.9 5.4 8.2

122 10.3 7.6 11.4

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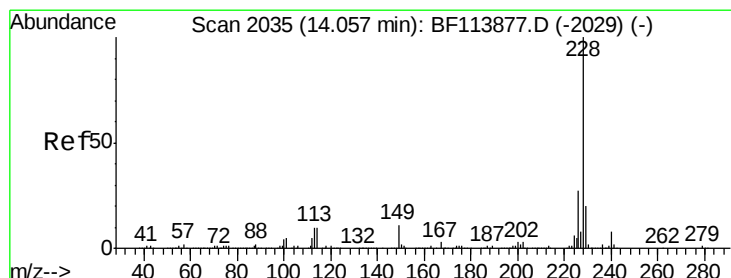
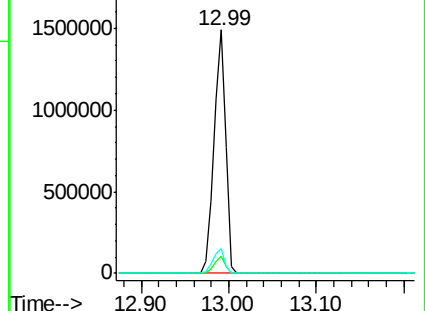
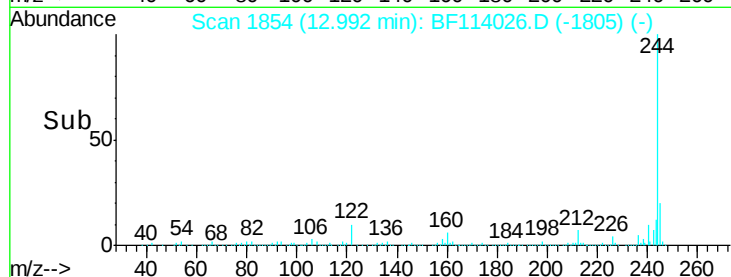
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 11.924 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF114026.D

Acq: 29 Apr 2019 16:51

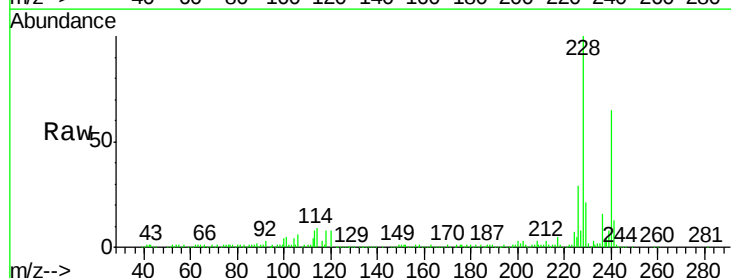
Tgt Ion:228 Resp: 249485

Ion Ratio Lower Upper

228 100

226 29.0 22.2 33.2

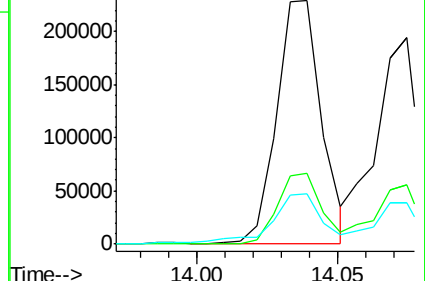
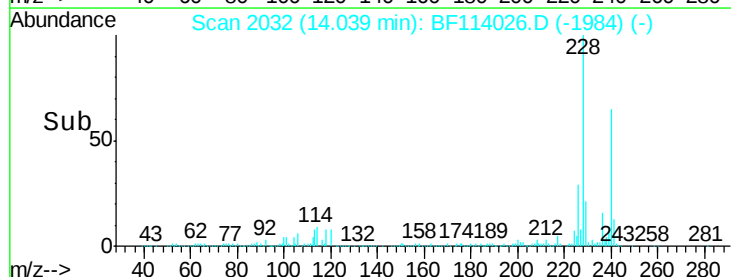
229 20.8 16.0 24.0

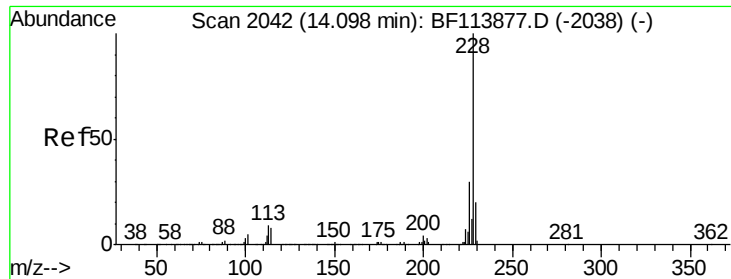


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





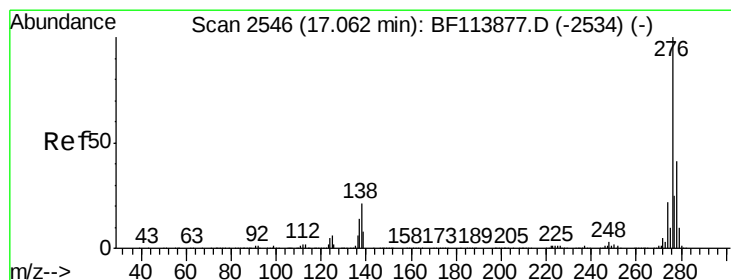
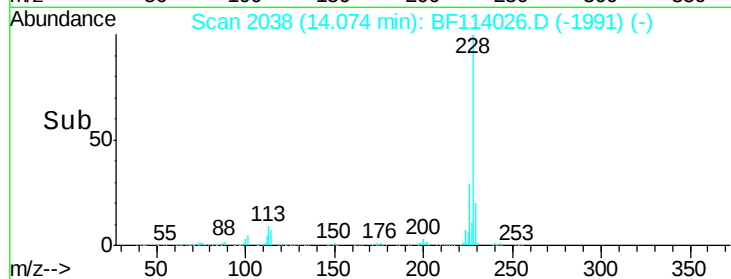
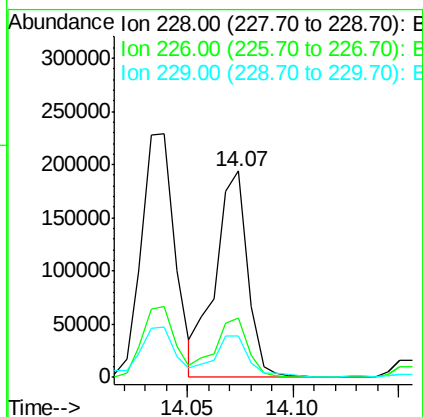
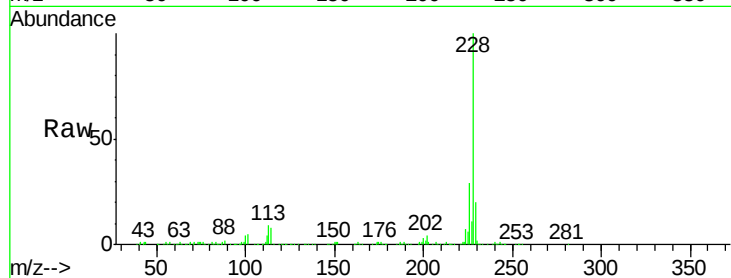
#83
Chrysene
Concen: 10.037 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BF114026.D
Acq: 29 Apr 2019 16:51

Instrument :
BNA_F
ClientSampleId :
RT3860

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.2	37.8
229	20.1	16.7	25.1

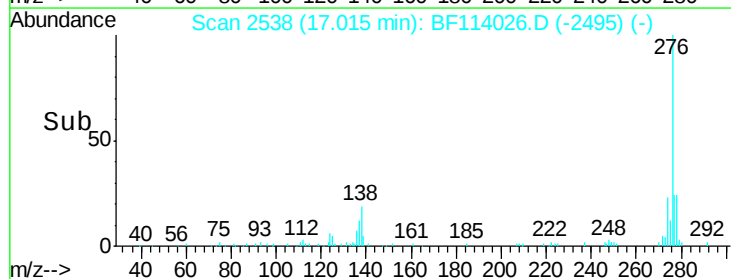
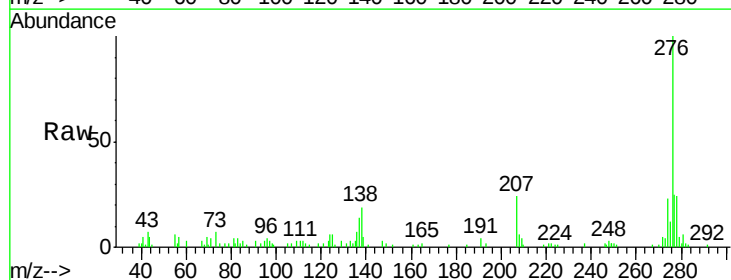
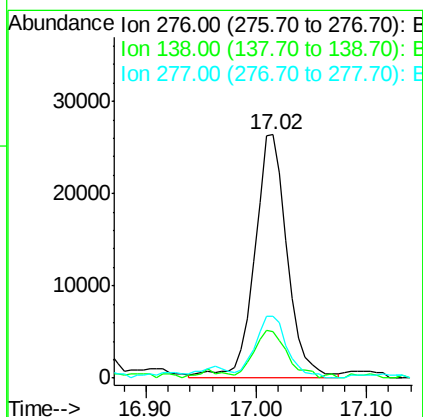
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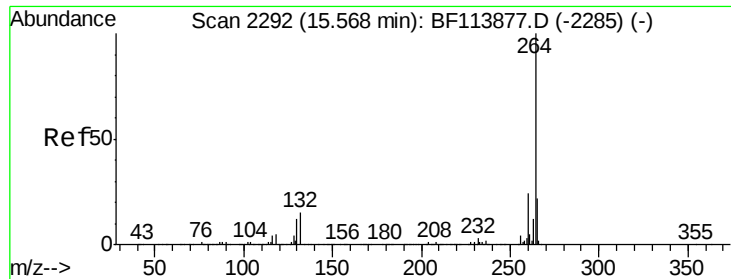
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.837 ng
RT: 17.02 min Scan# 2538
Delta R.T. -0.05 min
Lab File: BF114026.D
Acq: 29 Apr 2019 16:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	19.6	29.4
277	25.0	20.2	30.4





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.03 min

Lab File: BF114026.D

Acq: 29 Apr 2019 16:51

Instrument :

BNA_F

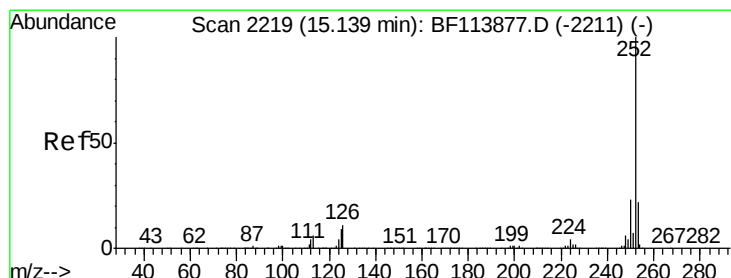
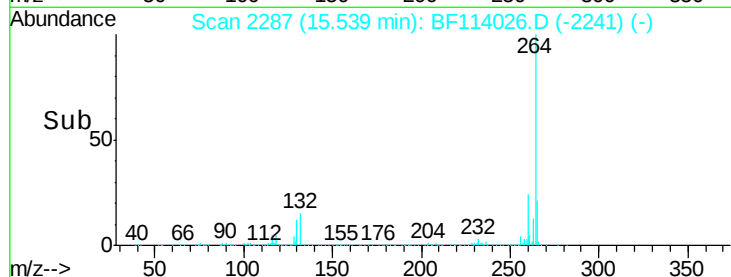
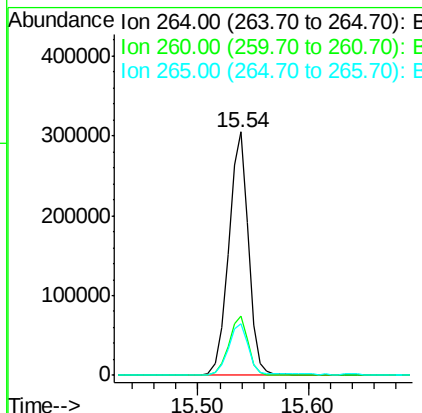
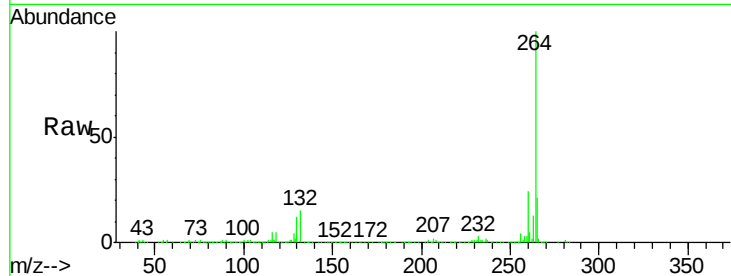
ClientSampleId :

RT3860

Tgt Ion:	264	Resp:	382042
Ion Ratio		Lower	Upper
264	100		
260	24.4	18.9	28.3
265	21.2	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 6.967 ng m

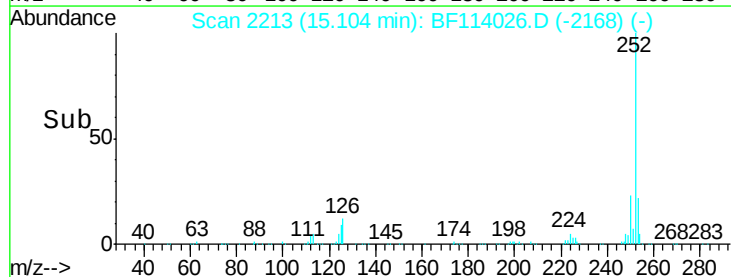
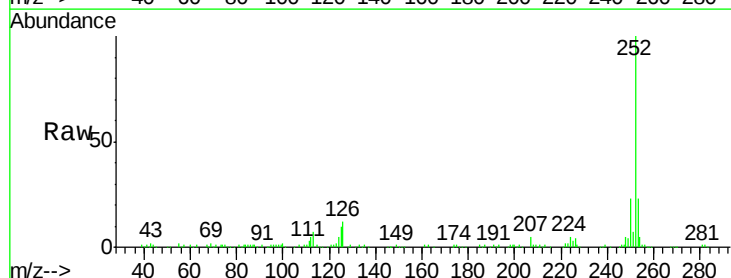
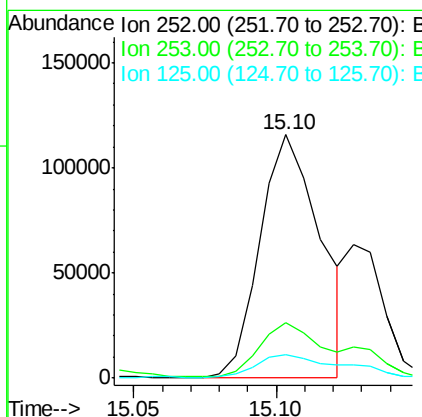
RT: 15.10 min Scan# 2213

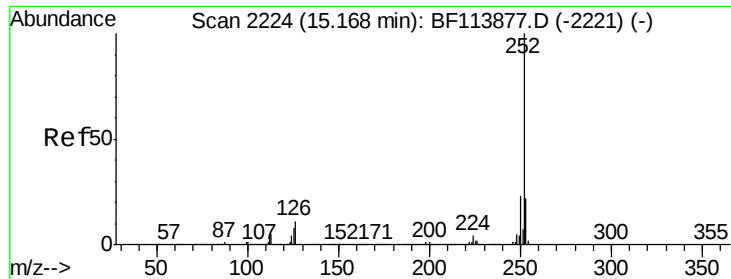
Delta R.T. -0.04 min

Lab File: BF114026.D

Acq: 29 Apr 2019 16:51

Tgt Ion:	252	Resp:	168412
Ion Ratio		Lower	Upper
252	100		
253	22.7	17.8	26.6
125	9.5	7.0	10.6





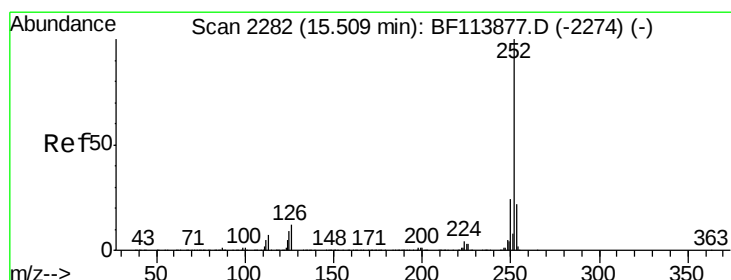
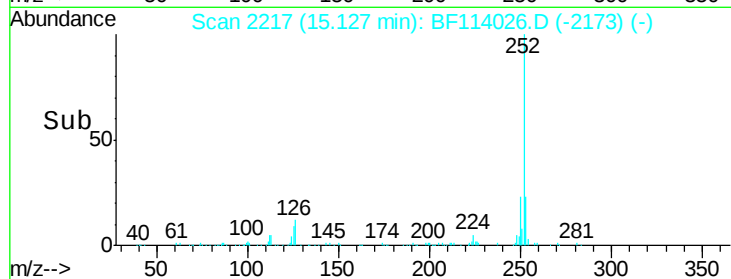
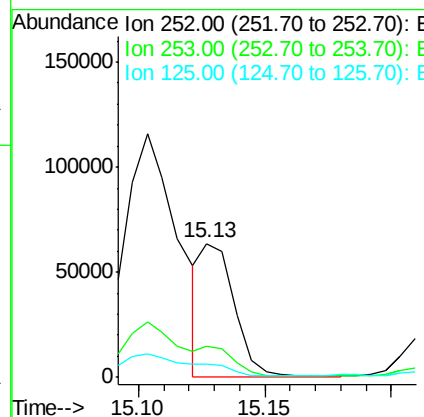
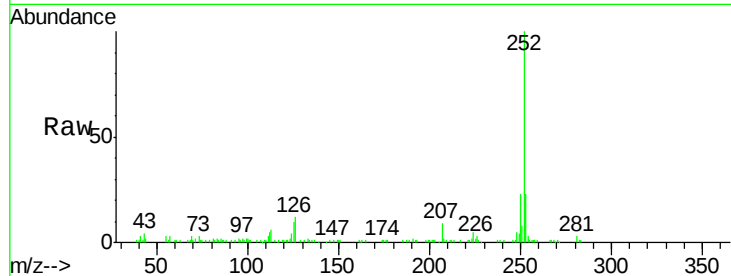
#89
Benzo(k)fluoranthene
Concen: 2.822 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.04 min
Lab File: BF114026.D
Acq: 29 Apr 2019 16:51

Instrument :
BNA_F
ClientSampled :
RT3860

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	9.8	7.4	11.2

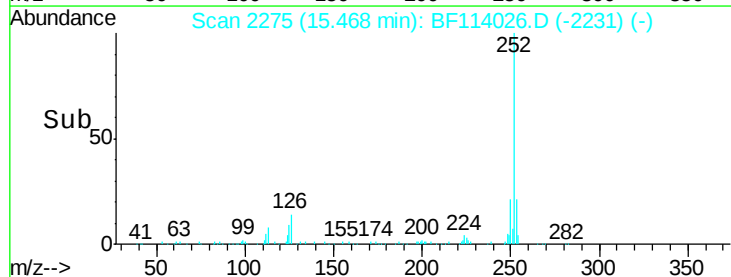
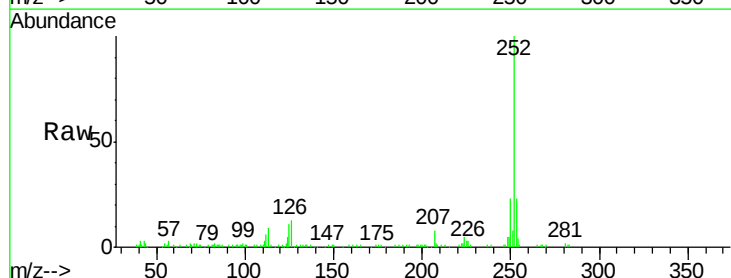
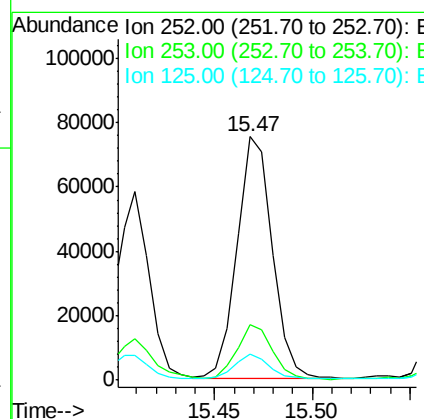
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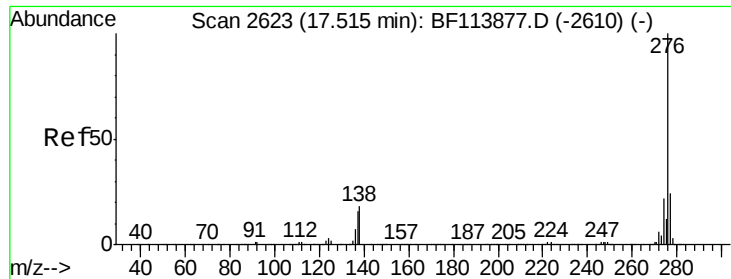
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#90
Benzo(a)pyrene
Concen: 4.539 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.04 min
Lab File: BF114026.D
Acq: 29 Apr 2019 16:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	10.8	8.5	12.7





#92
 Benzo(g,h,i)perylene
 Concen: 2.363 ng
 RT: 17.46 min Scan# 2613
 Delta R.T. -0.06 min
 Lab File: BF114026.D
 Acq: 29 Apr 2019 16:51

Instrument :
 BNA_F
 ClientSampleId :
 RT3860

Tgt Ion:	276	Resp:	46807
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.0	28.4
138	21.1	16.6	25.0

Manual Integrations
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