

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116823.D
 Acq On : 4 Sep 2019 18:42
 Operator : HP/JU
 Sample : K4546-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 02:08:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

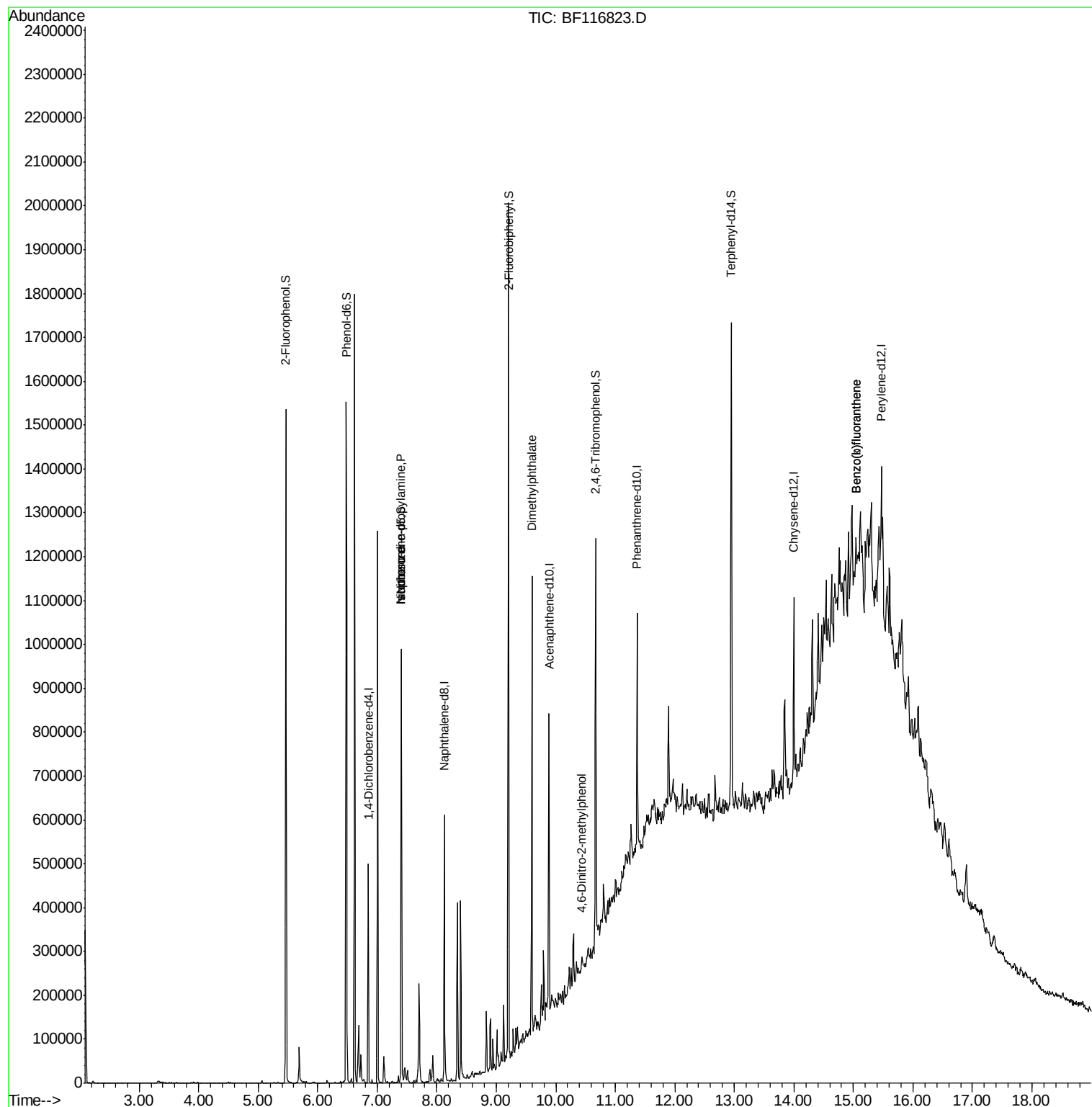
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	70378	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	273003	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	134328	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	176895	20.00	ng	0.00
76) Chrysene-d12	14.00	240	136155	20.00	ng	0.00
87) Perylene-d12	15.47	264	111897	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	410341	94.46	ng	0.00
7) Phenol-d6	6.48	99	558795	97.96	ng	0.00
23) Nitrobenzene-d5	7.40	82	344426	72.02	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	92540	103.05	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	522638	65.63	ng	0.00
79) Terphenyl-d14	12.94	244	373885	50.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	45438	12.098	ng	# 73
25) Isophorone	7.40	82	344418	35.542	ng	# 66
50) Dimethylphthalate	9.60	163	360294	38.850	ng	# 97
65) 4,6-Dinitro-2-methylphenol	10.43	198	106	7.589	ng	# 1
88) Benzo(b)fluoranthene	15.04	252	17278	2.554	ng	# 18
89) Benzo(k)fluoranthene	15.04	252	17278	2.801	ng	# 17

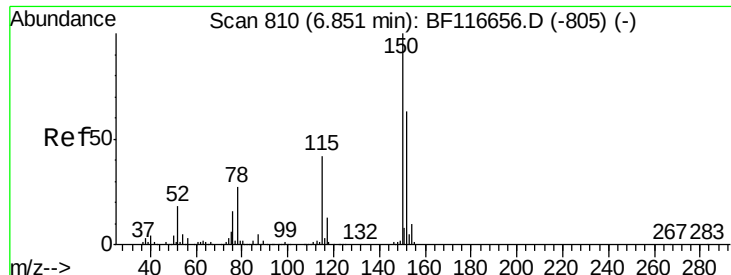
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 20 Sample Multiplier: 1

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Response via : Initial Calibration



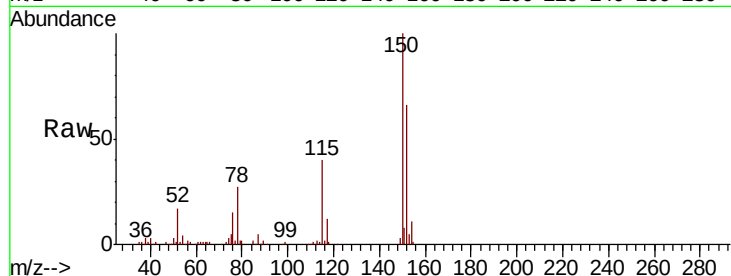


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116823.D
Acq: 4 Sep 2019 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.7	124.4	186.6
115	60.4	49.9	74.9

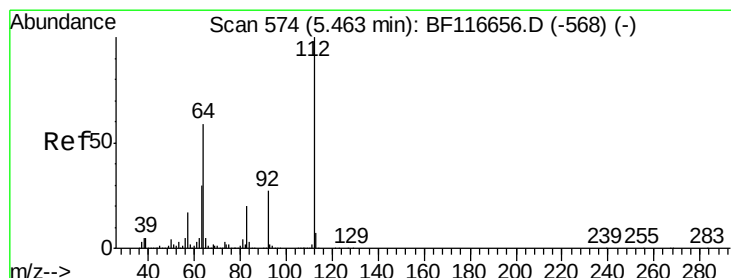
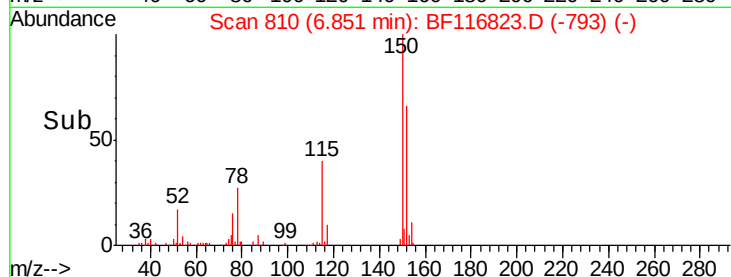
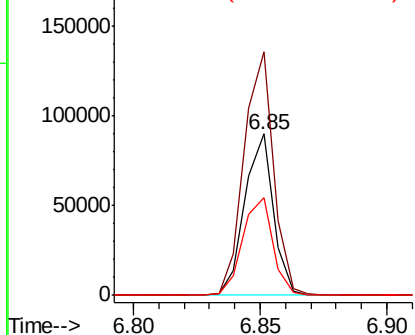


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

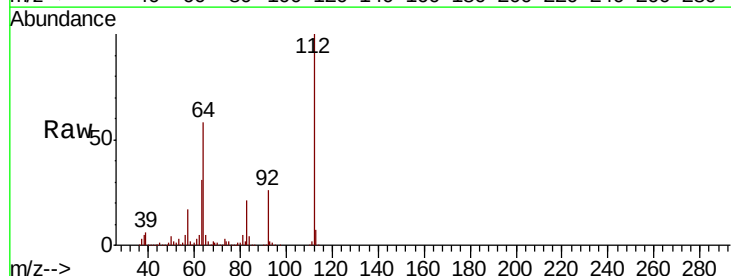
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.458 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF116823.D
Acq: 4 Sep 2019 18:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.1	70.7
63	31.2	24.9	37.3

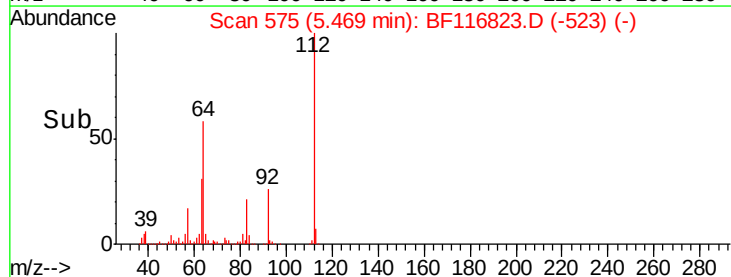
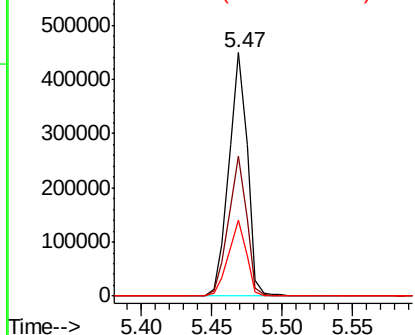


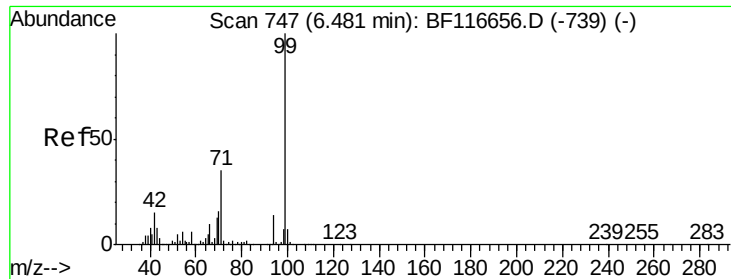
Abundance

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: 97.959 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116823.D

Acq: 4 Sep 2019 18:42

Instrument :

BNA_F

ClientSampleId :

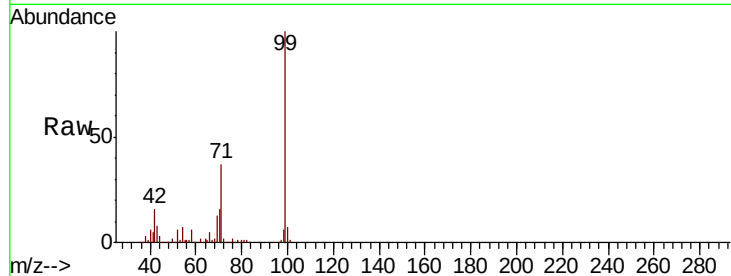
Tot Ion: 99 Resp: 558795

Ion Ratio Lower Upper

99 100

42 15.7 13.7 20.5

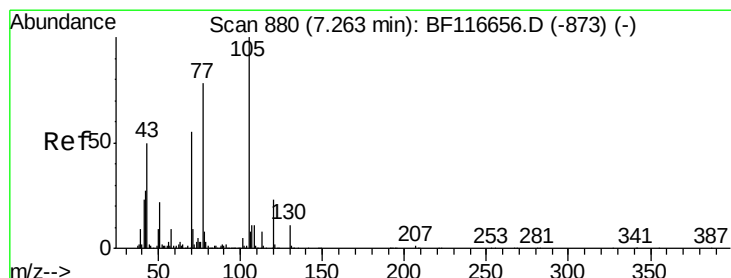
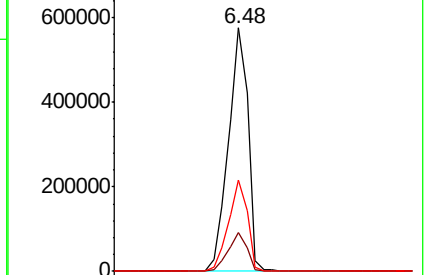
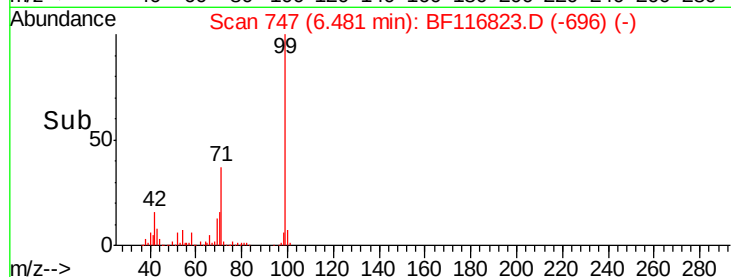
71 37.3 30.8 46.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.098 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116823.D

Acq: 4 Sep 2019 18:42

Tgt Ion: 70 Resp: 45438

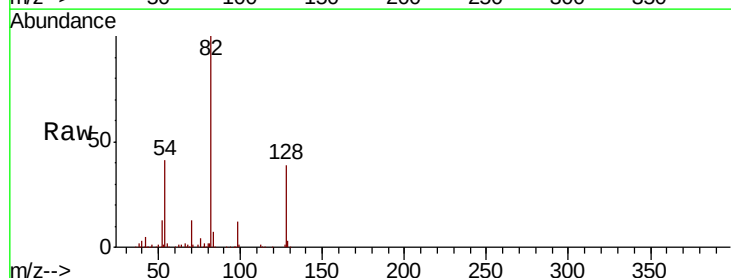
Ion Ratio Lower Upper

70 100

42 37.8 43.5 65.3#

101 0.0 7.8 11.6#

130 2.4 16.6 24.8#

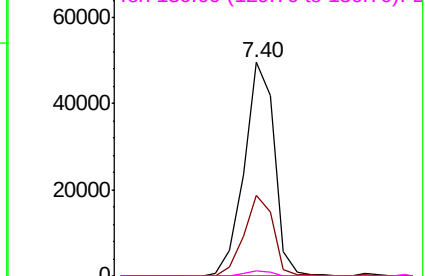
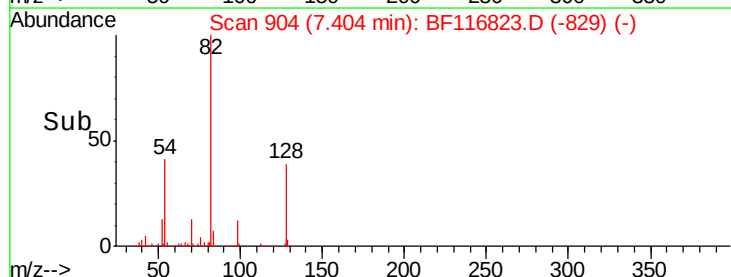


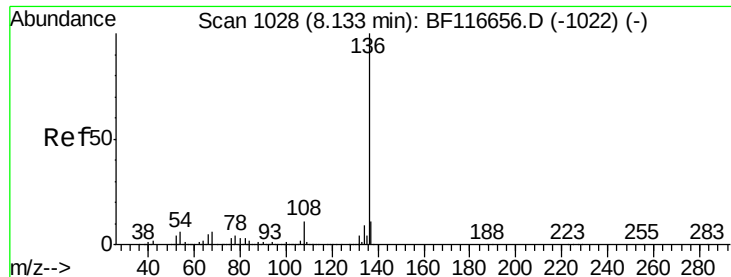
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

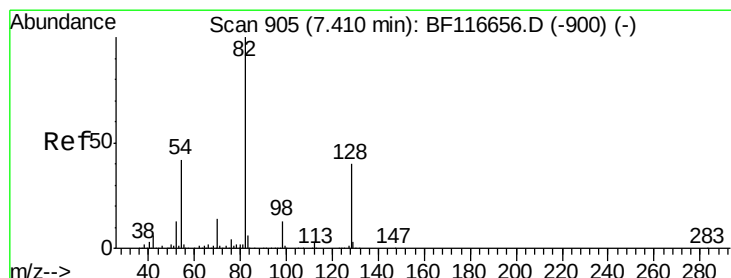
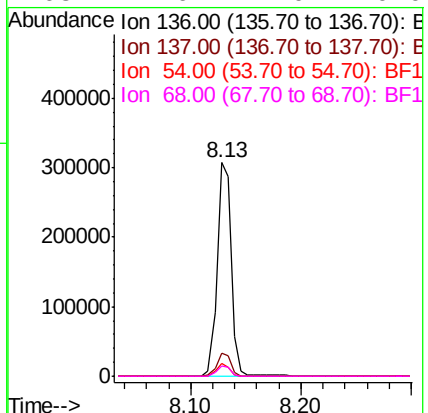
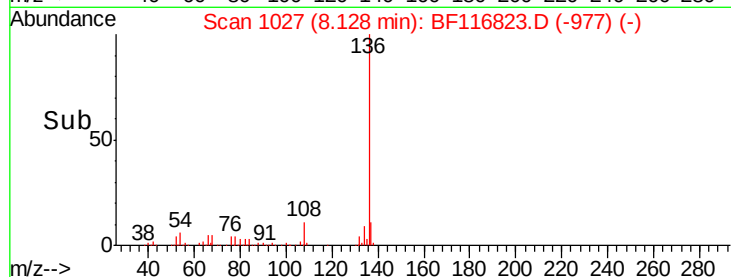
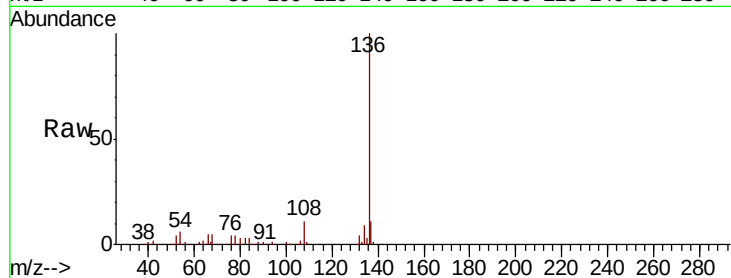




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116823.D
Acq: 4 Sep 2019 18:42

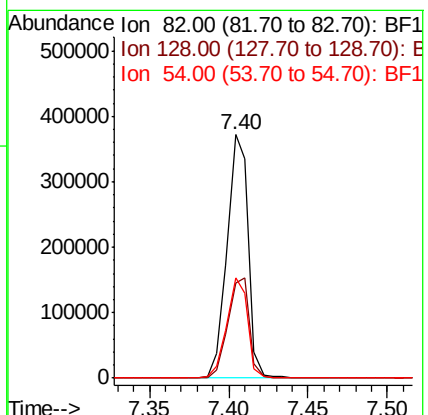
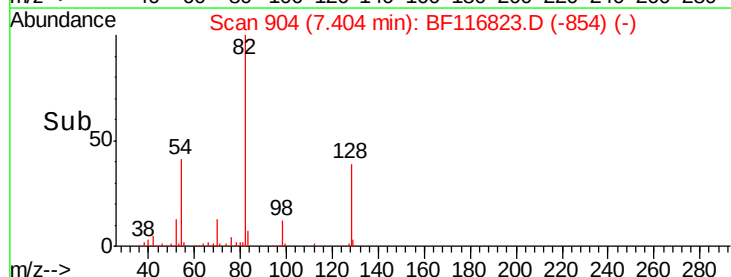
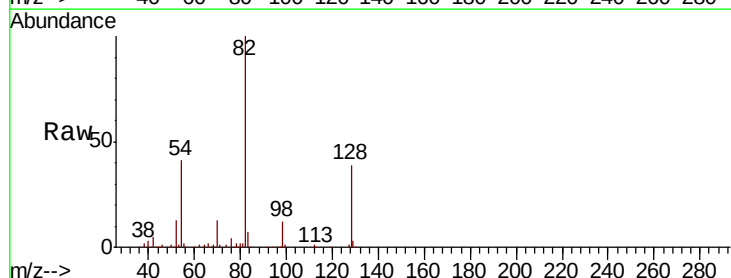
Instrument :
BNA_F
ClientSampleId :

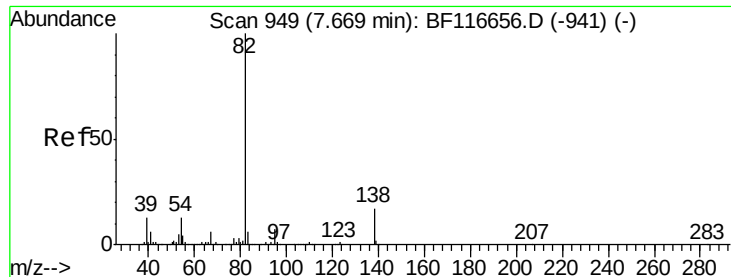
Tot Ion:136	Resp:	273003	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.9	13.3	
54 6.0	4.8	7.2	
68 4.6	4.0	6.0	



#23
Nitrobenzene-d5
Concen: 72.023 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116823.D
Acq: 4 Sep 2019 18:42

Tgt Ion: 82	Resp: 344426
Ion Ratio	Lower Upper
82 100	
128 39.1	32.8 49.2
54 41.4	36.9 55.3





#25

Isophorone

Concen: 35.542 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF116823.D

Acq: 4 Sep 2019 18:42

Instrument :

BNA_F

ClientSampled :

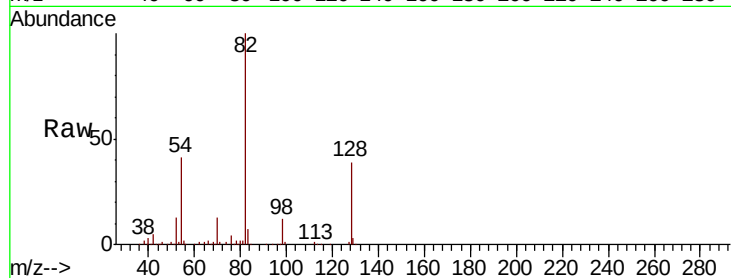
Tot Ion: 82 Resp: 344418

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

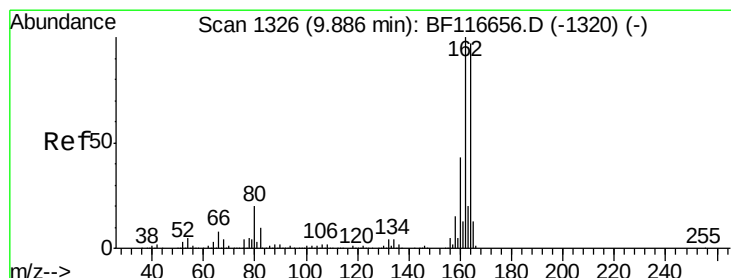
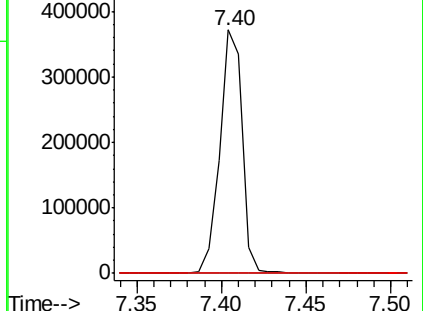
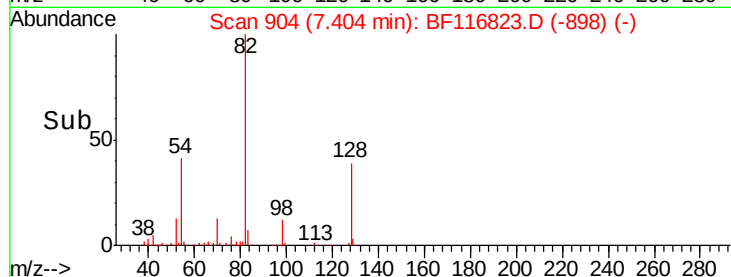
138 0.0 13.5 20.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF116823.D

Acq: 4 Sep 2019 18:42

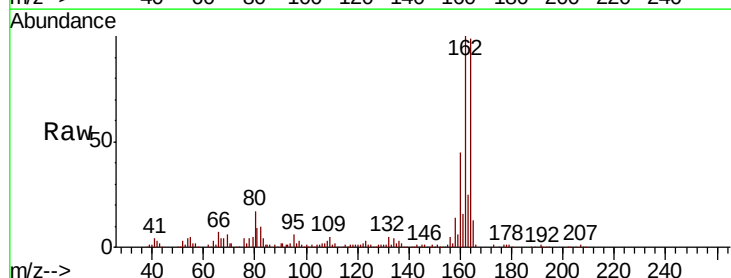
Tgt Ion: 164 Resp: 134328

Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

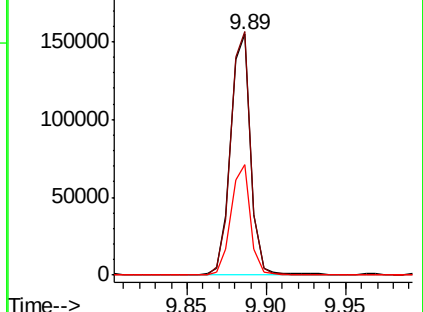
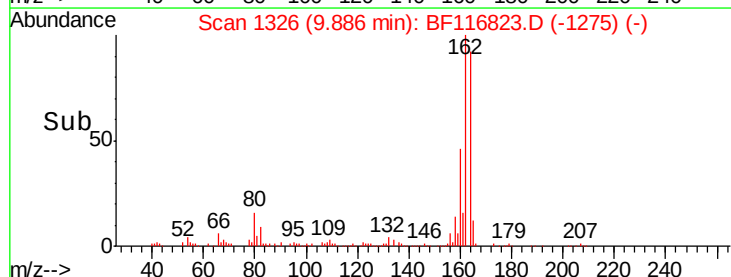
160 45.8 35.4 53.2

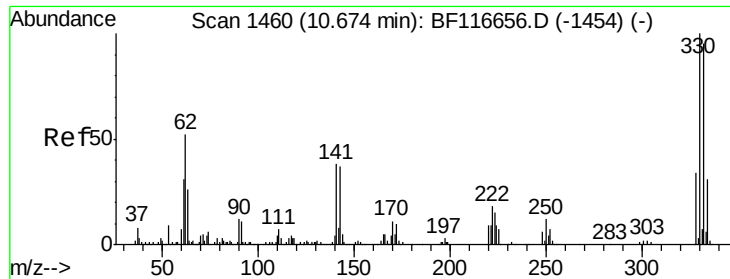


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

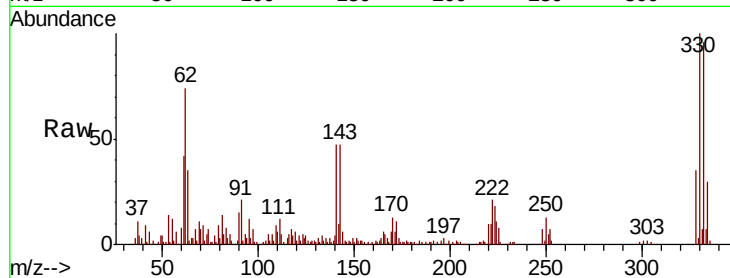




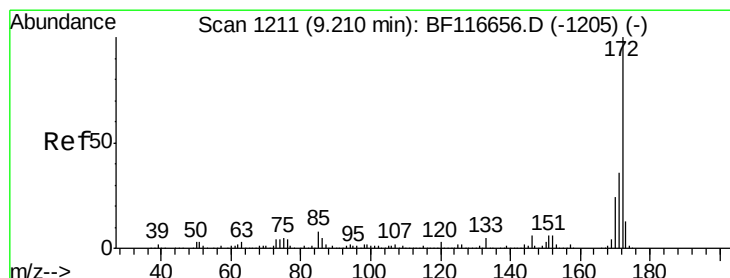
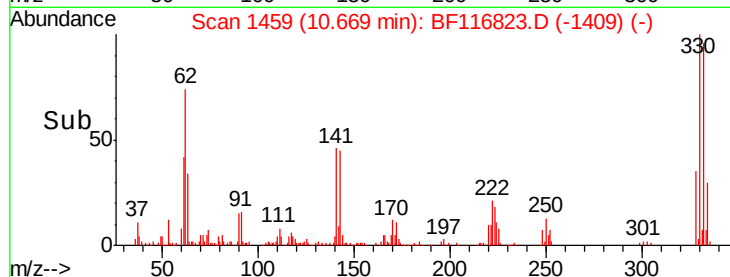
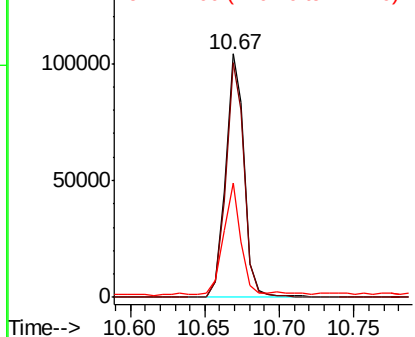
#42
 2,4,6-Tribromophenol
 Concen: 103.050 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116823.D
 Acq: 4 Sep 2019 18:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	42.2	31.4	47.2

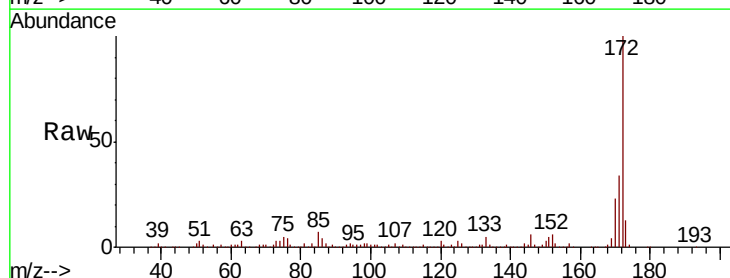


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

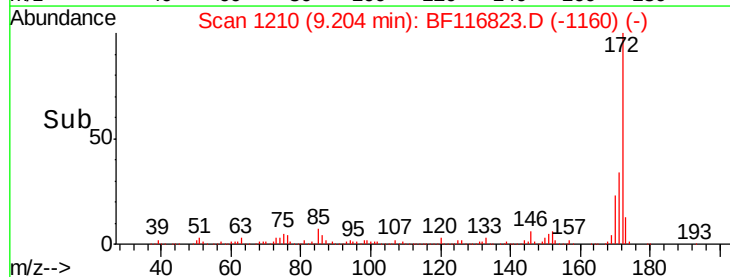
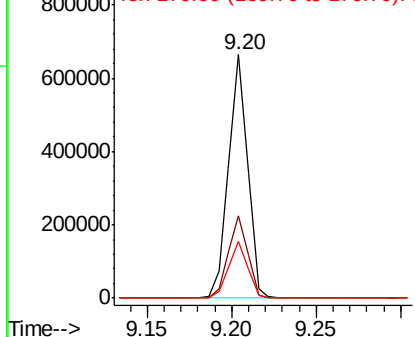


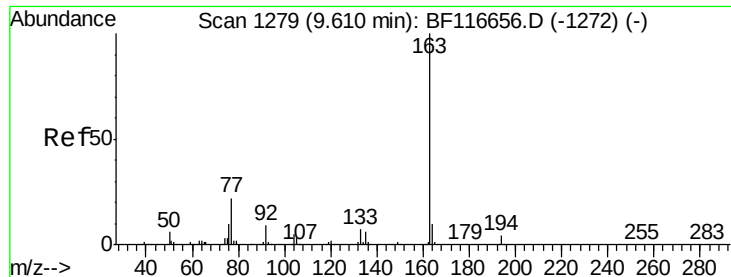
#45
 2-Fluorobiphenyl
 Concen: 65.633 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116823.D
 Acq: 4 Sep 2019 18:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.8	41.6
170	23.1	18.9	28.3



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

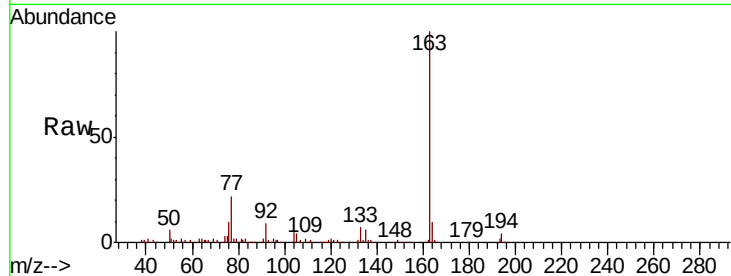




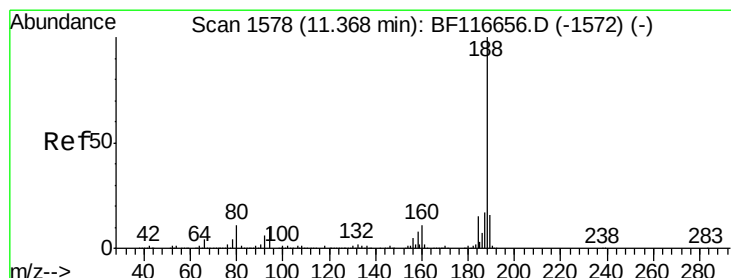
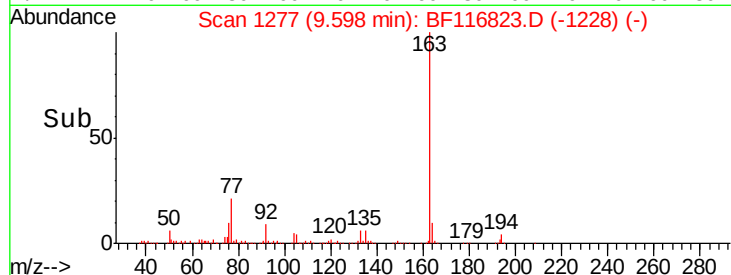
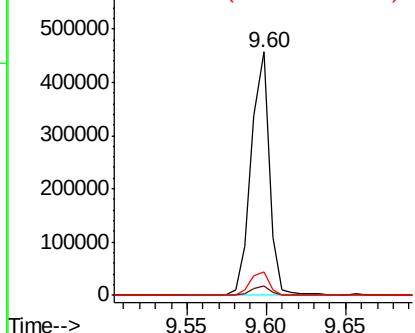
#50
Dimethylphthalate
Concen: 38.850 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF116823.D
Acq: 4 Sep 2019 18:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 360294
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 9.6 8.6 12.8

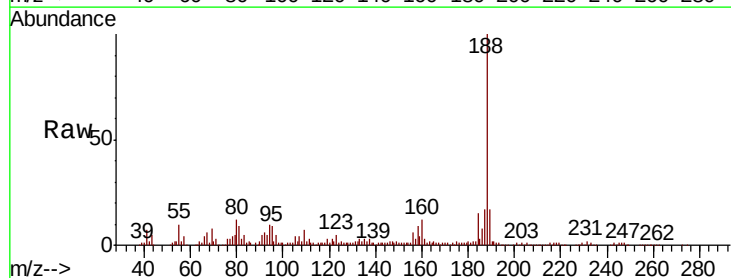


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

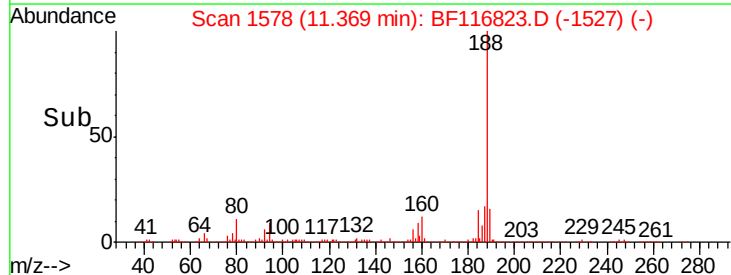
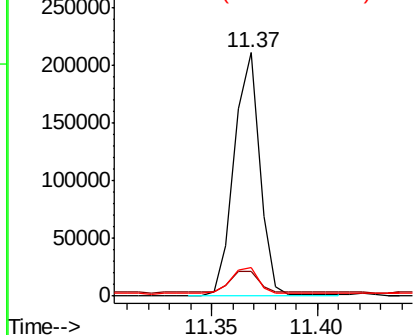


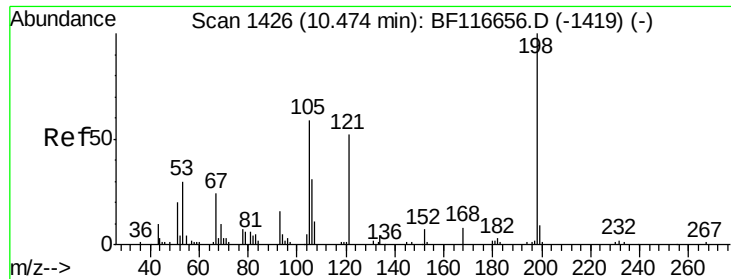
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116823.D
Acq: 4 Sep 2019 18:42

Tgt Ion:188 Resp: 176895
Ion Ratio Lower Upper
188 100
94 10.3 7.3 10.9
80 11.8 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

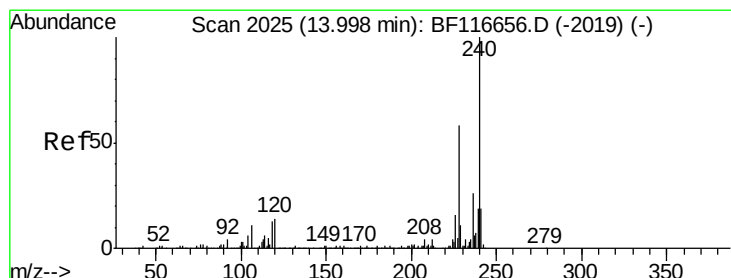
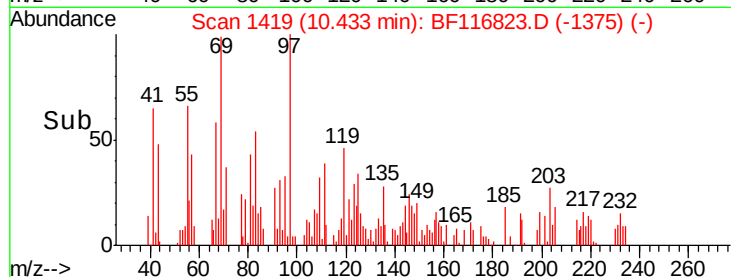
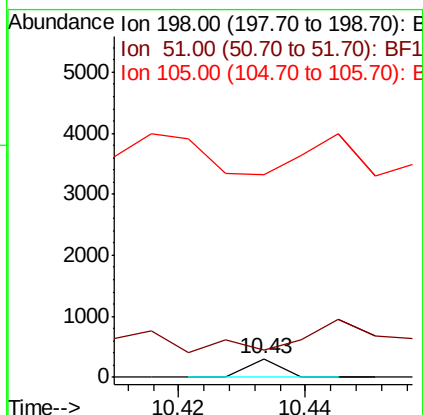
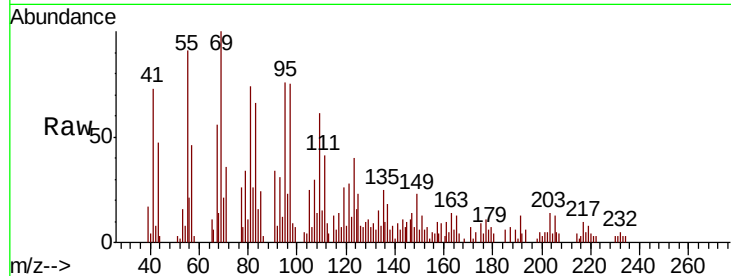




#65
4,6-Dinitro-2-methylphenol
Concen: 7.589 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.04 min
Lab File: BF116823.D
Acq: 4 Sep 2019 18:42

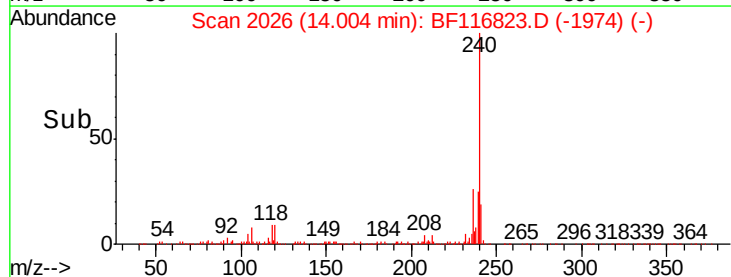
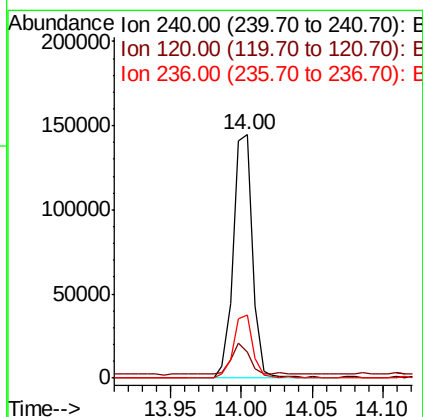
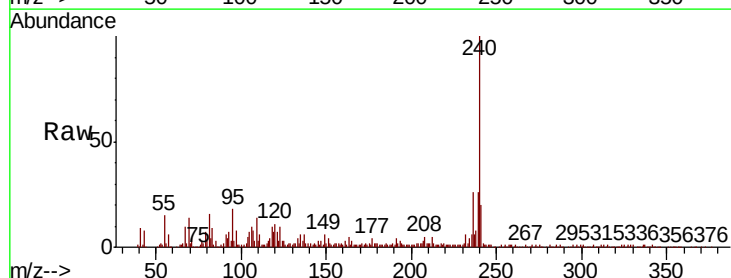
Instrument :
BNA_F
ClientSampled :

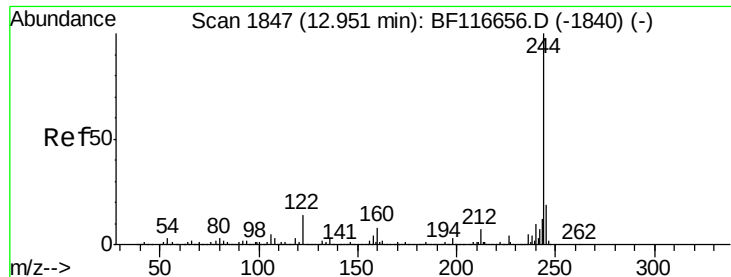
Tot Ion:198 Resp: 106
Ion Ratio Lower Upper
198 100
51 151.5 18.4 58.4#
105 1104.7 22.9 62.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF116823.D
Acq: 4 Sep 2019 18:42

Tgt Ion:240 Resp: 136155
Ion Ratio Lower Upper
240 100
120 10.9 9.1 13.7
236 26.1 21.1 31.7





#79

Terphenyl-d14

Concen: 50.800 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116823.D

Acq: 4 Sep 2019 18:42

Instrument :

BNA_F

ClientSampled :

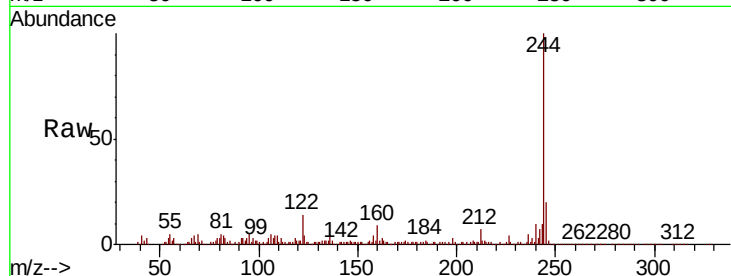
Tot Ion:244 Resp: 373885

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	14.2	10.2	15.4

244 100

212 7.5 6.1 9.1

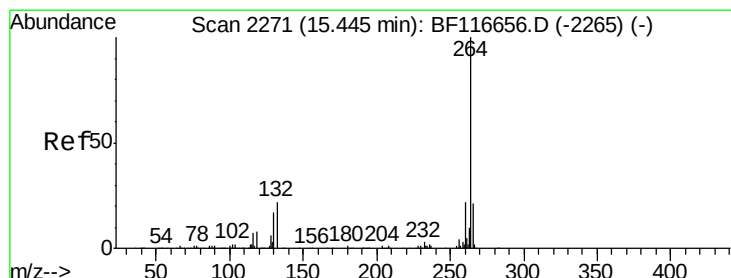
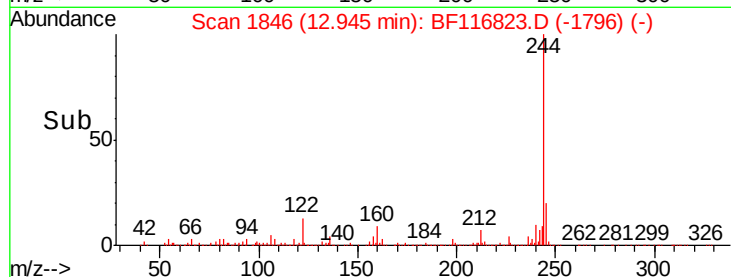
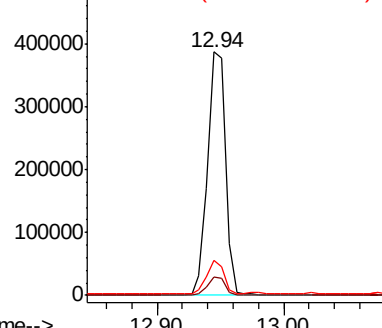
122 14.2 10.2 15.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.02 min

Lab File: BF116823.D

Acq: 4 Sep 2019 18:42

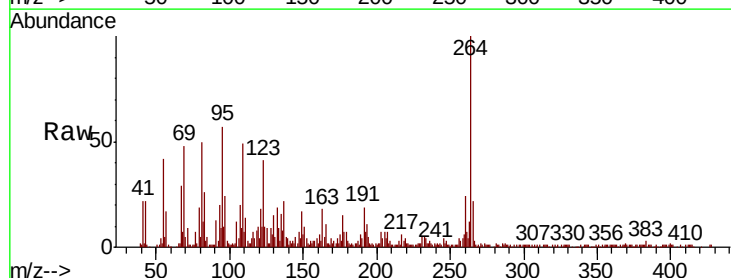
Tgt Ion:264 Resp: 111897

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.8	16.5	24.7

264 100

260 23.9 18.3 27.5

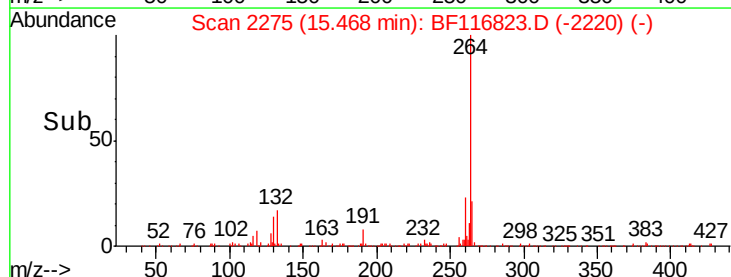
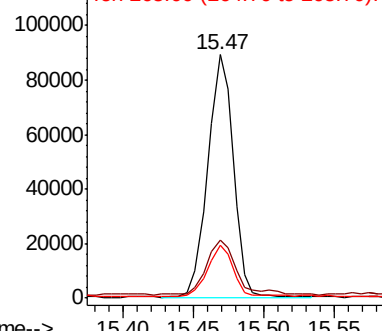
265 21.8 16.5 24.7

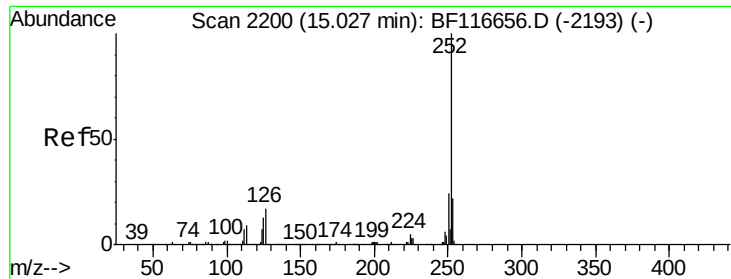


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.554 ng

RT: 15.04 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BF116823.D

Acq: 4 Sep 2019 18:42

Instrument :

BNA_F

ClientSampleId :

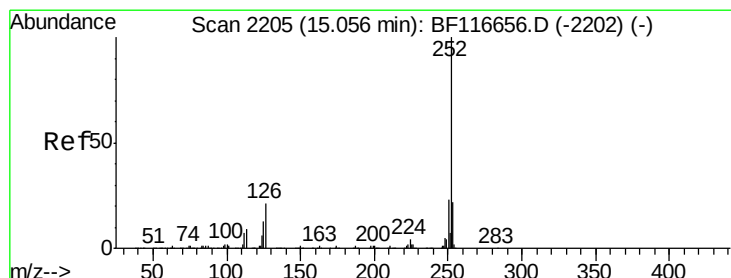
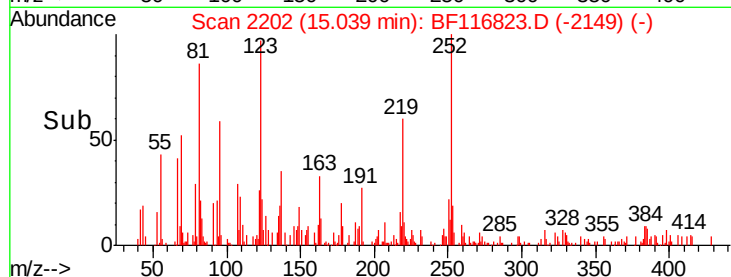
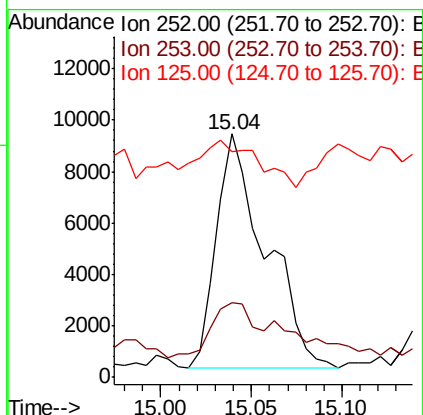
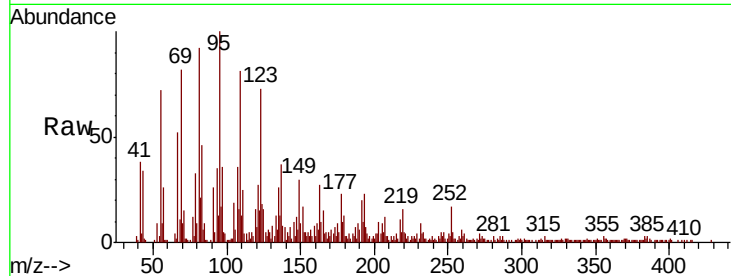
Tot Ion:252 Resp: 17278

Ion Ratio Lower Upper

252 100

253 30.6 17.7 26.5#

125 92.5 8.2 12.2#



#89

Benzo(k)fluoranthene

Concen: 2.801 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BF116823.D

Acq: 4 Sep 2019 18:42

Tgt Ion:252 Resp: 17278

Ion Ratio Lower Upper

252 100

253 30.6 17.7 26.5#

125 92.5 8.6 13.0#

