

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116810.D
 Acq On : 4 Sep 2019 12:50
 Operator : HP/JU
 Sample : K4601-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 02:05:14 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	75228	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	300459	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	157660	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	251610	20.00	ng	0.00
76) Chrysene-d12	14.00	240	180544	20.00	ng	0.00
87) Perylene-d12	15.45	264	176844	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	450115	96.93	ng	0.00
7) Phenol-d6	6.47	99	620104	101.70	ng	0.00
23) Nitrobenzene-d5	7.40	82	375374	71.32	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	129311	122.69	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	649081	69.45	ng	0.00
79) Terphenyl-d14	12.95	244	619017	63.43	ng	0.00

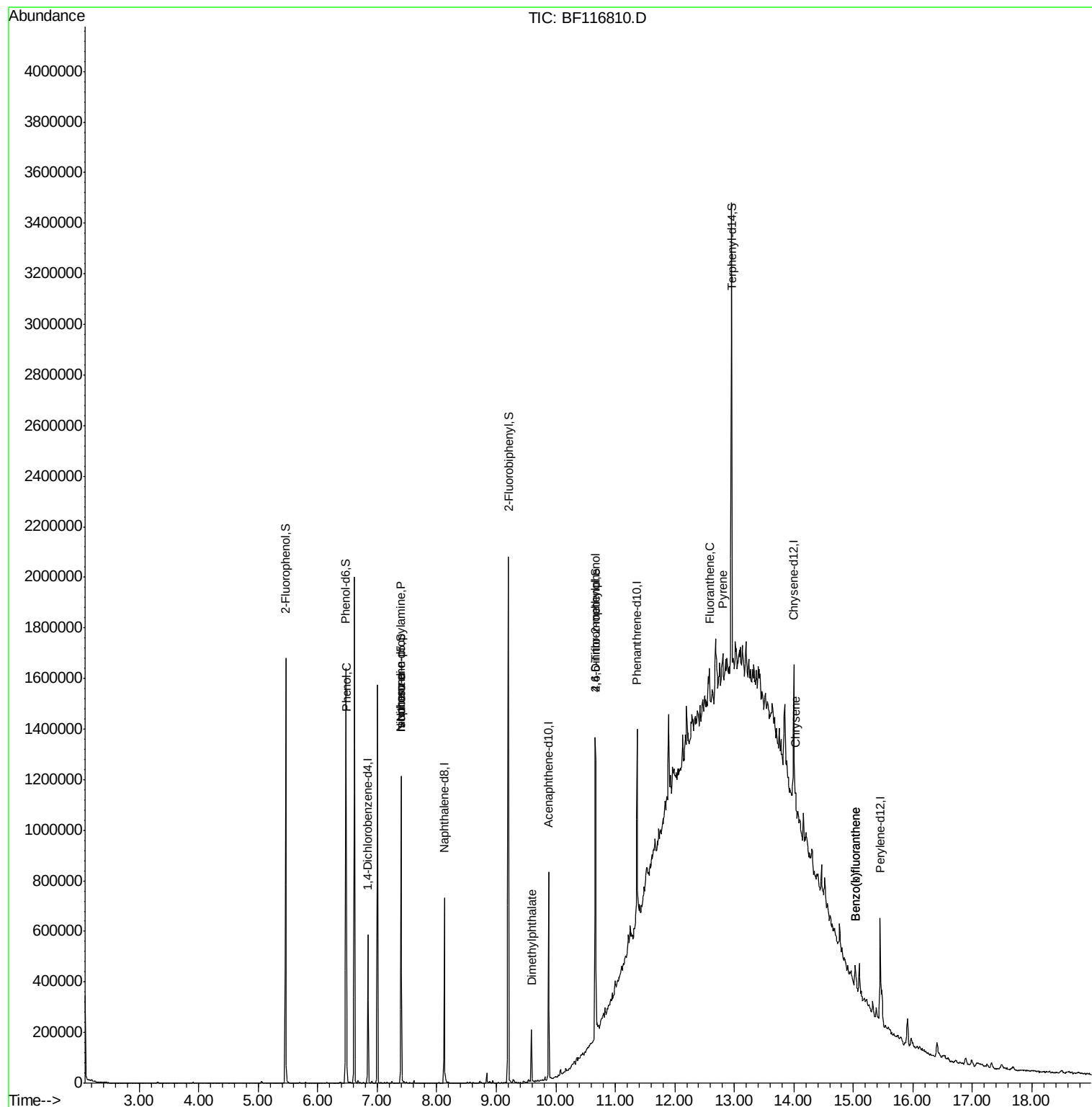
Target Compounds				Qvalue		
10) Phenol	6.49	94	34419	5.098	ng	96
19) n-Nitroso-di-n-propylamine	7.40	70	49763	12.395	ng	# 72
25) Isophorone	7.40	82	375368	35.196	ng	# 66
50) Dimethylphthalate	9.59	163	84310	7.746	ng	98
65) 4,6-Dinitro-2-methylphenol	10.66	198	157	7.594	ng	# 1
75) Fluoranthene	12.58	202	52543	3.817	ng	81
78) Pyrene	12.80	202	45902	2.860	ng	# 85
83) Chrysene	14.03	228	26906	2.286	ng	# 85
88) Benzo(b)fluoranthene	15.03	252	43914	4.107	ng	# 86
89) Benzo(k)fluoranthene	15.03	252	43914	4.505	ng	# 87

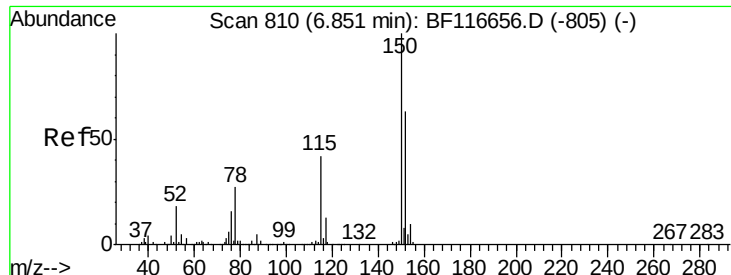
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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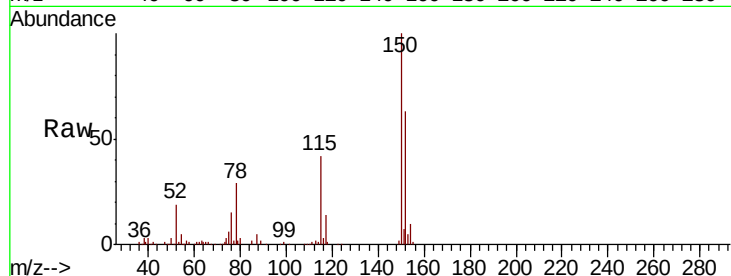


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.4	186.6
115	66.2	49.9	74.9

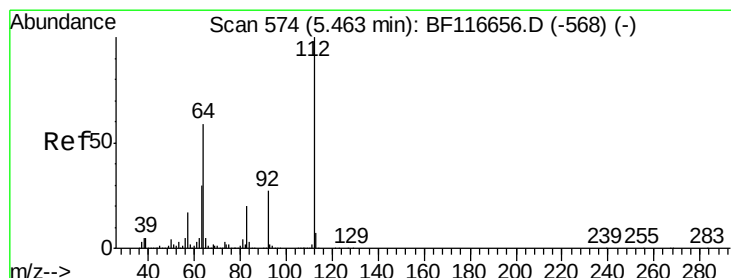
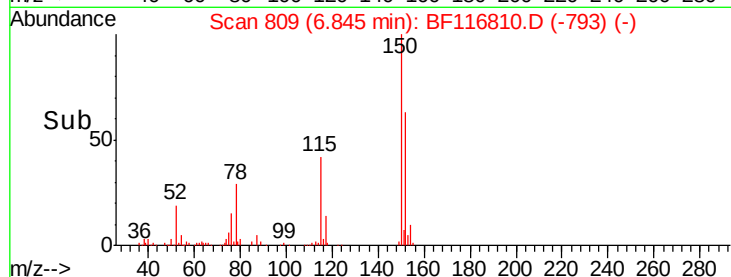
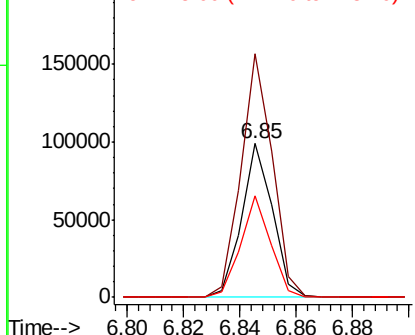


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

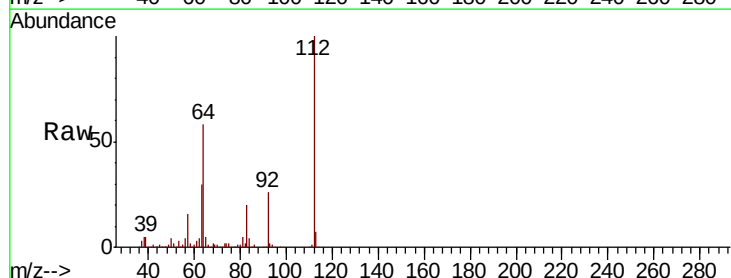
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.934 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.1	70.7
63	29.5	24.9	37.3

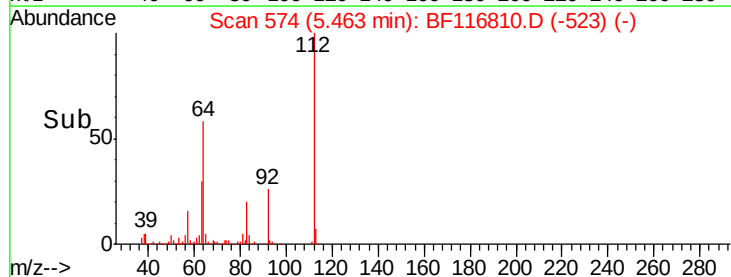
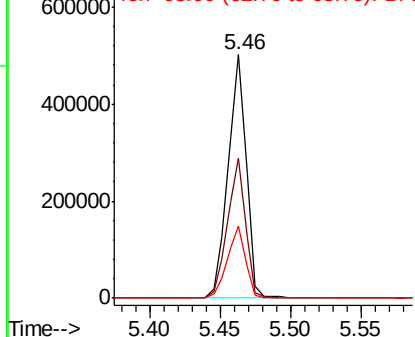


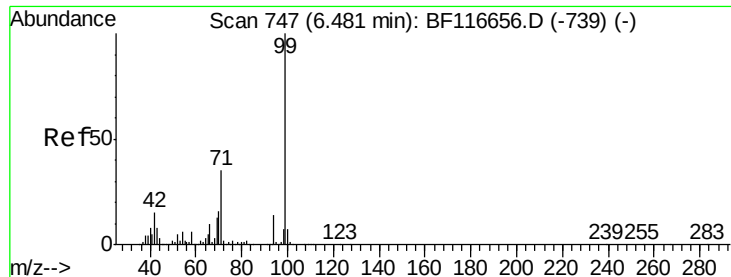
Abundance

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: 101.698 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116810.D

Acq: 4 Sep 2019 12:50

Instrument :

BNA_F

ClientSampleId :

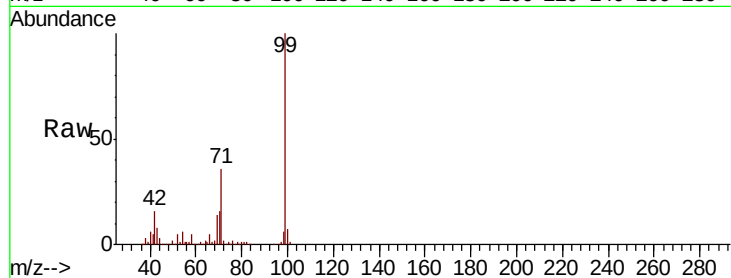
Tot Ion: 99 Resp: 620104

Ion Ratio Lower Upper

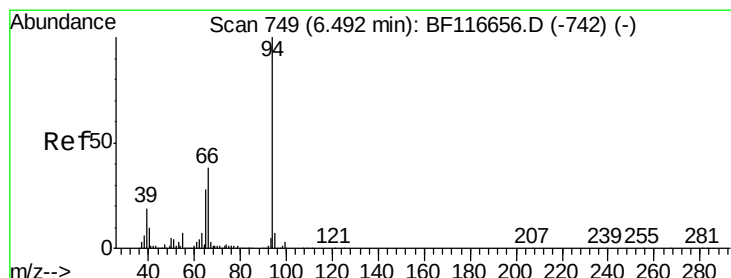
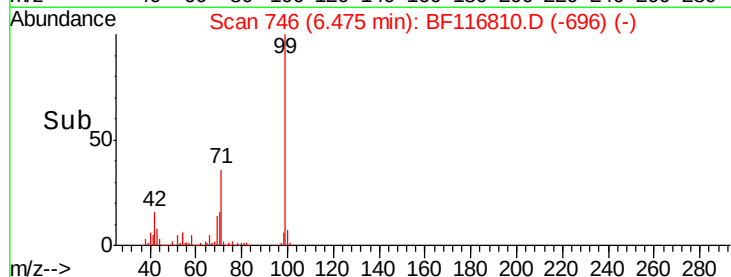
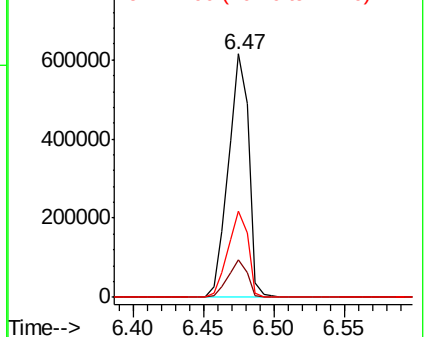
99 100

42 15.5 13.7 20.5

71 35.5 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



#10

Phenol

Concen: 5.098 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116810.D

Acq: 4 Sep 2019 12:50

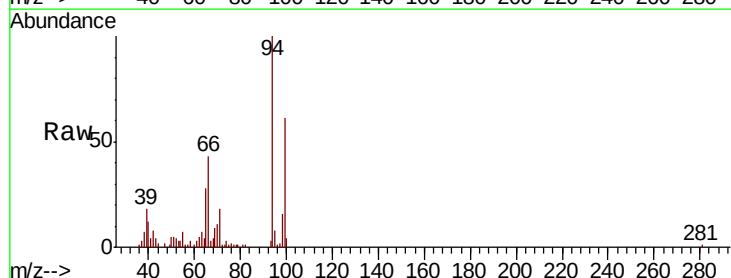
Tgt Ion: 94 Resp: 34419

Ion Ratio Lower Upper

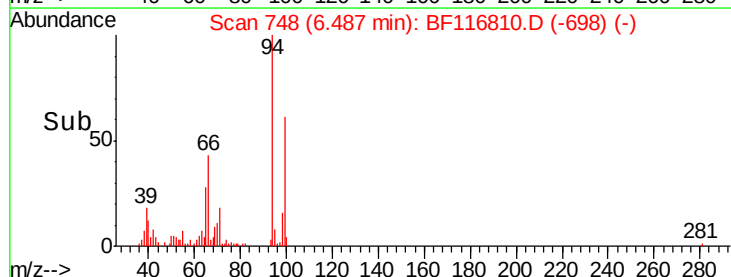
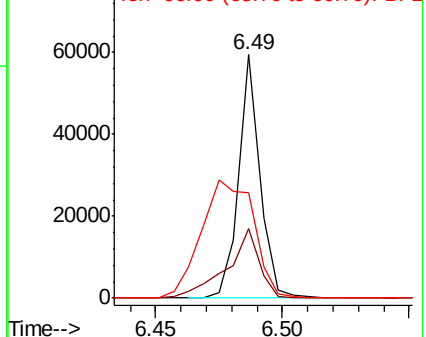
94 100

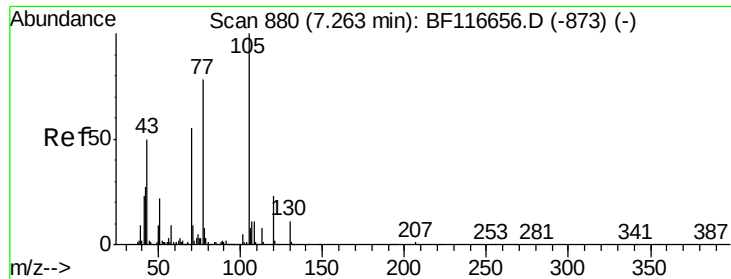
65 28.4 10.8 50.8

66 43.3 21.1 61.1



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

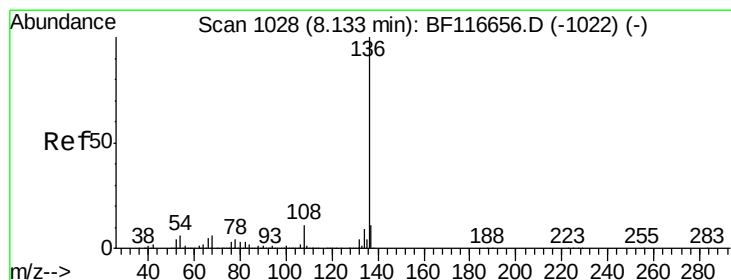
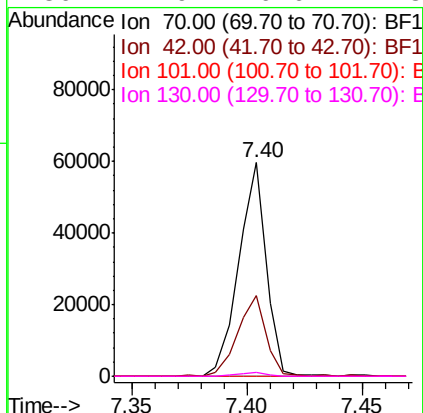
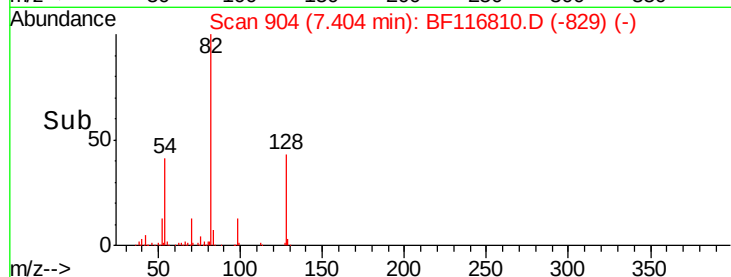
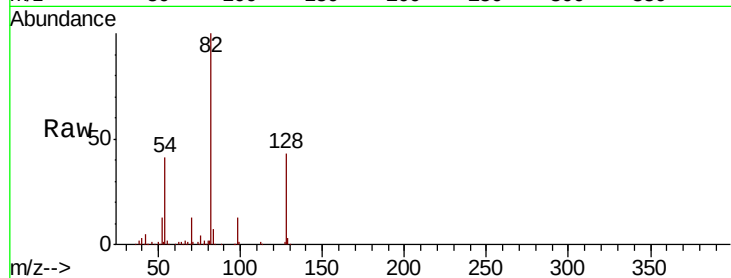




#19
n-Nitroso-di-n-propylamine
Concen: 12.395 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

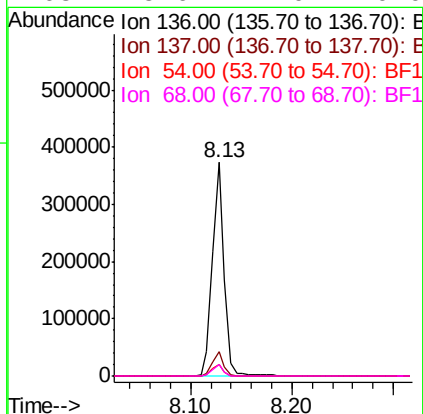
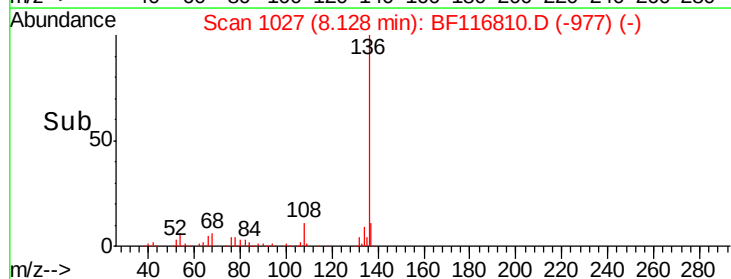
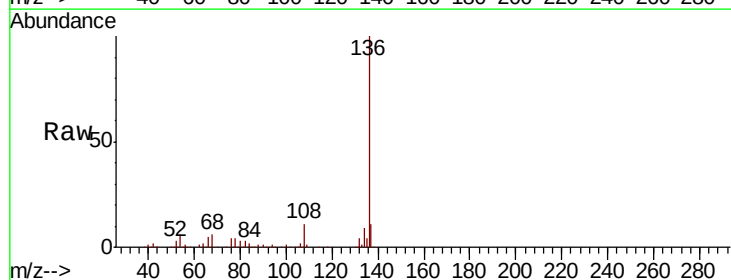
Instrument :
BNA_F
ClientSampleId :

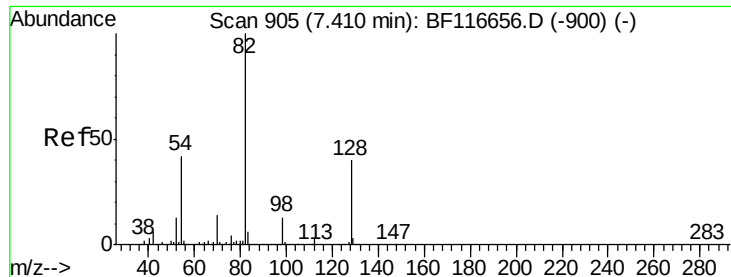
Tot Ion	Ratio	Lower	Upper
70	100		
42	37.6	43.5	65.3#
101	0.0	7.8	11.6#
130	1.9	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.5	4.8	7.2
68	5.6	4.0	6.0

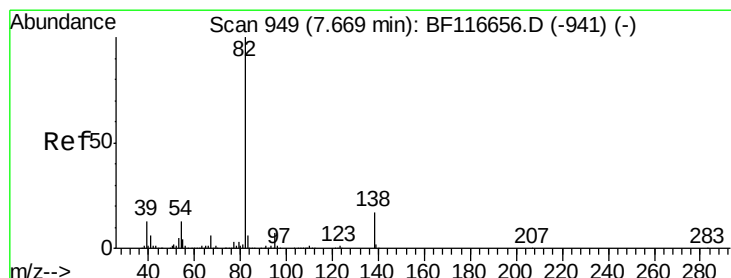
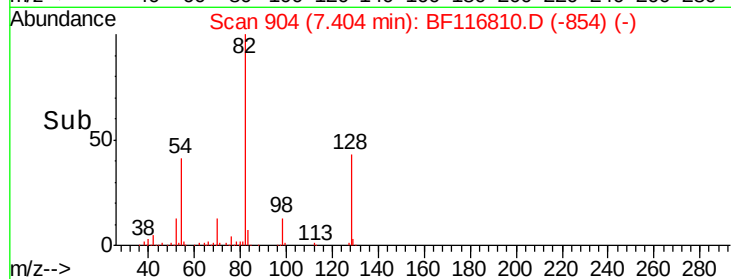
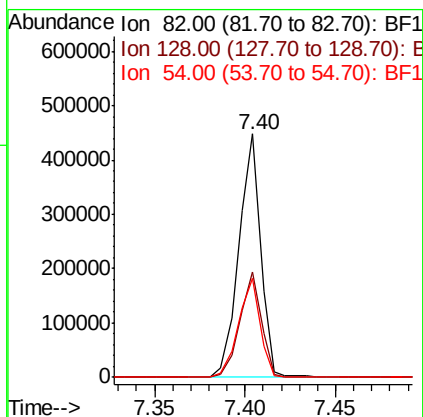
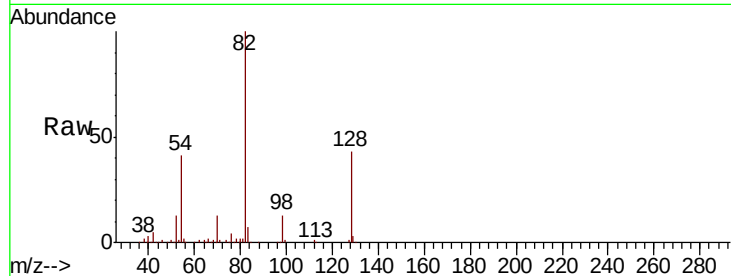




#23
Nitrobenzene-d5
Concen: 71.321 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

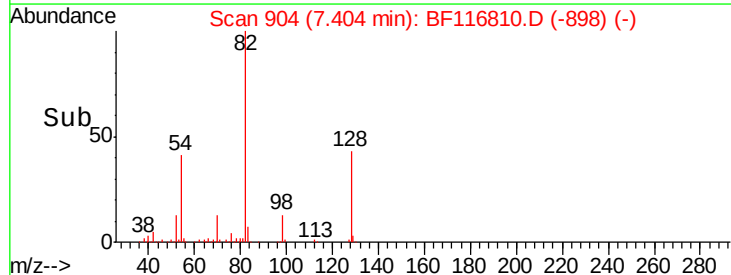
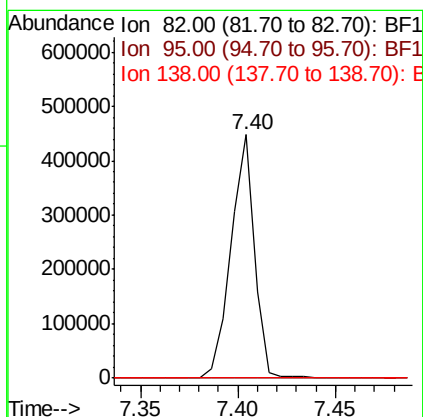
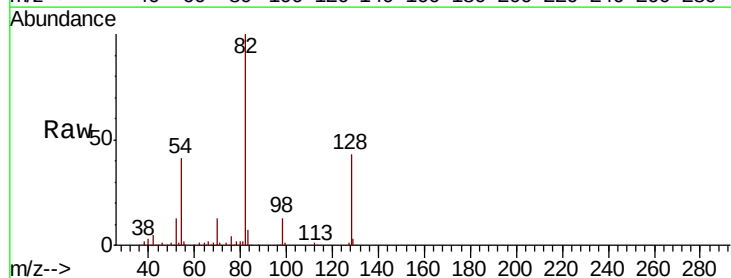
Instrument :
BNA_F
ClientSampled :

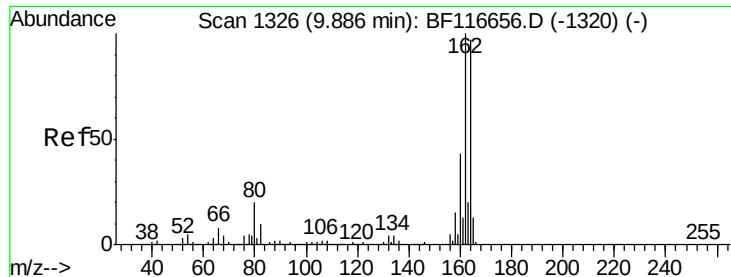
Tot Ion	82	Resp	375374
Ion Ratio	Lower	Upper	
82	100		
128	43.1	32.8	49.2
54	40.5	36.9	55.3



#25
Isophorone
Concen: 35.196 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.26 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Tgt Ion	82	Resp	375368
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

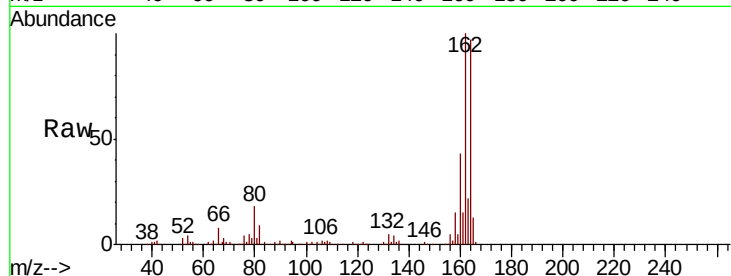




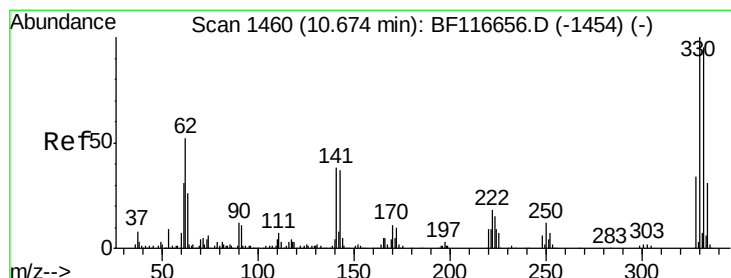
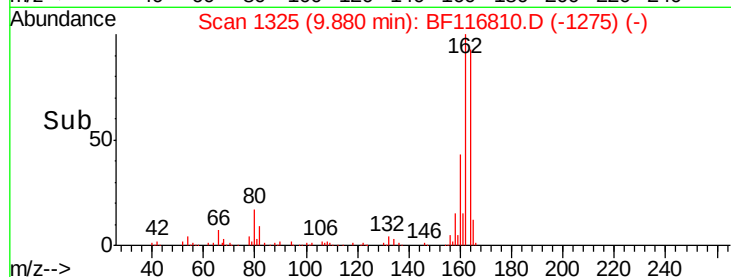
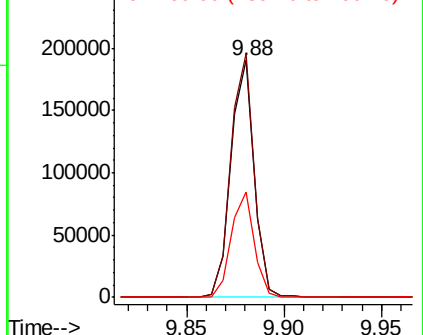
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 157660
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 44.4 35.4 53.2

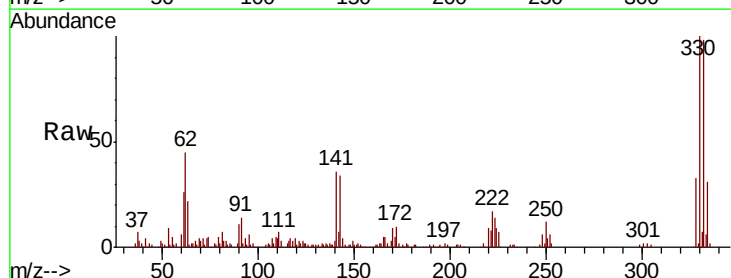


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

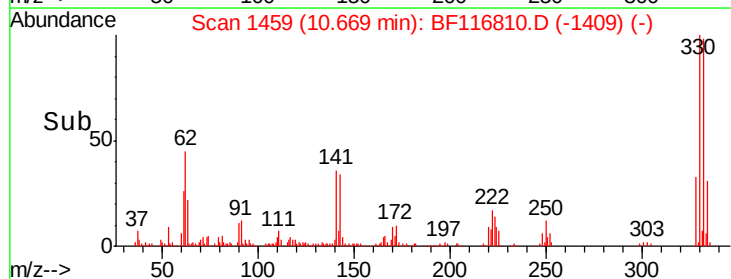
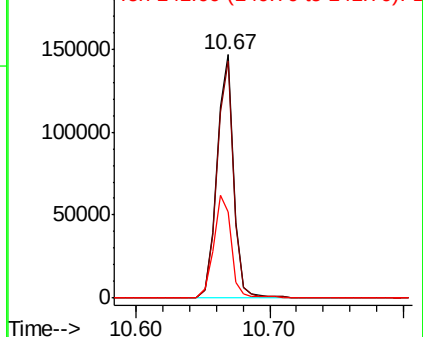


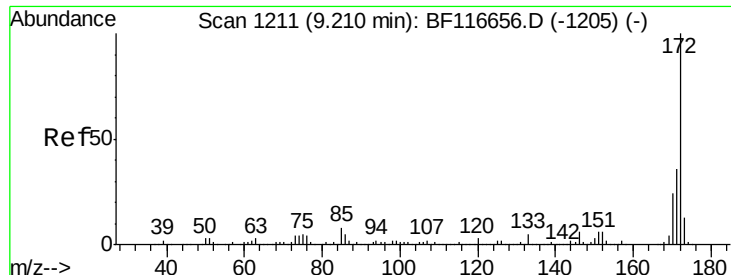
#42
2,4,6-Tribromophenol
Concen: 122.687 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Tgt Ion:330 Resp: 129311
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 45.1 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

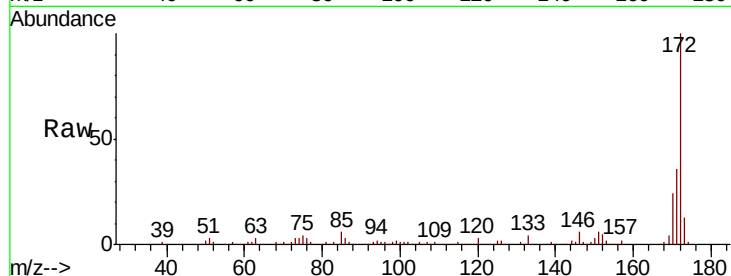




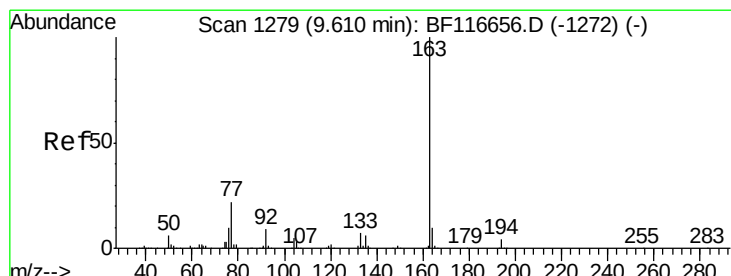
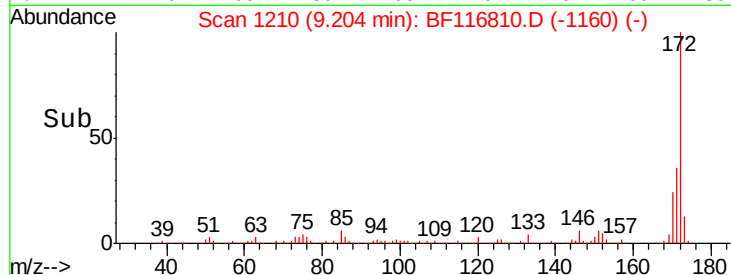
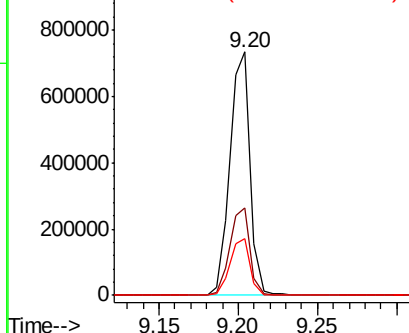
#45
 2-Fluorobiphenyl
 Concen: 69.449 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116810.D
 Acq: 4 Sep 2019 12:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 649081
 Ion Ratio Lower Upper
 172 100
 171 35.9 27.8 41.6
 170 23.6 18.9 28.3

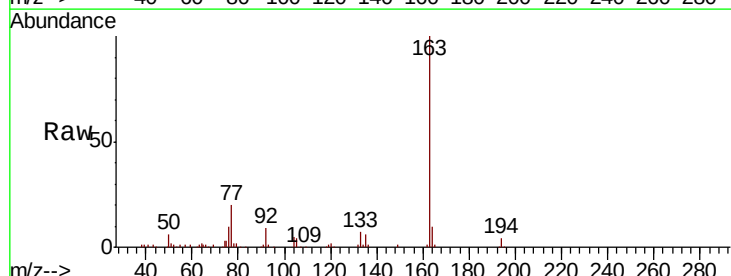


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

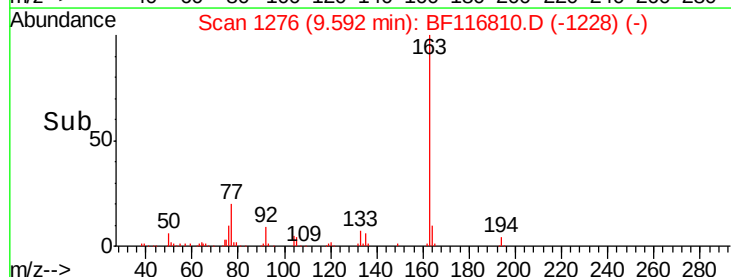
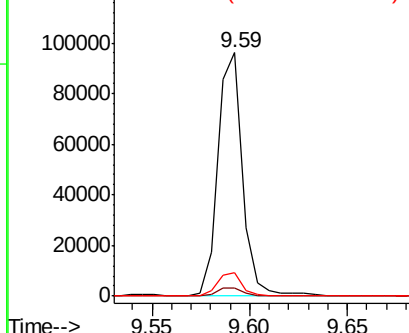


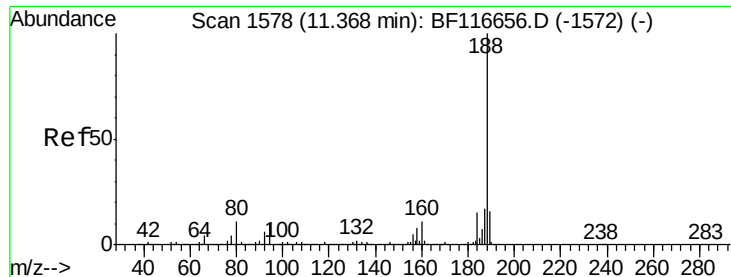
#50
 Dimethylphthalate
 Concen: 7.746 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF116810.D
 Acq: 4 Sep 2019 12:50

Tgt Ion:163 Resp: 84310
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.8 4.2
 164 9.8 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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116810.D

Acq: 4 Sep 2019 12:50

Instrument :

BNA_F

ClientSampleId :

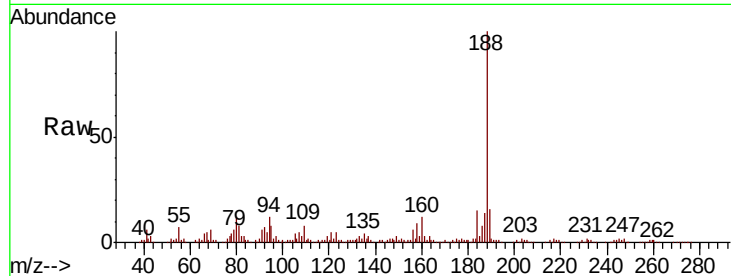
Tot Ion:188 Resp: 251610

Ion Ratio Lower Upper

188 100

94 11.8 7.3 10.9#

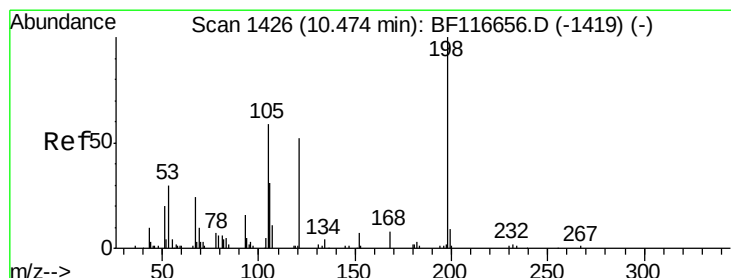
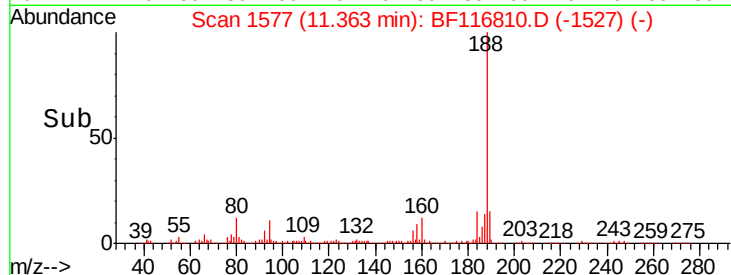
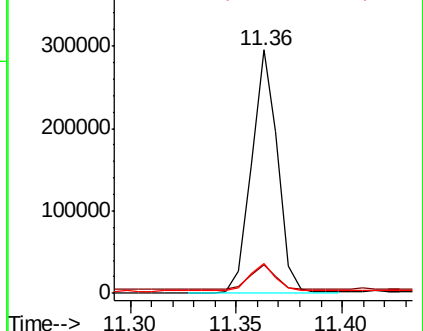
80 12.3 8.4 12.6



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: 7.594 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.19 min

Lab File: BF116810.D

Acq: 4 Sep 2019 12:50

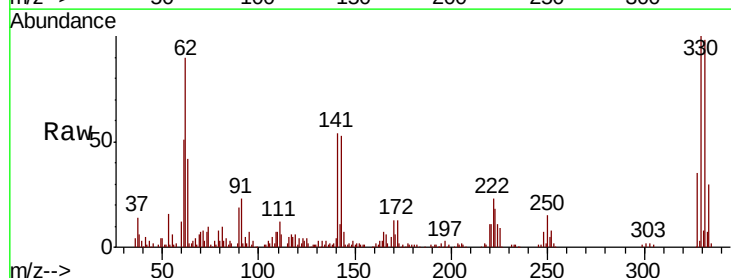
Tgt Ion:198 Resp: 157

Ion Ratio Lower Upper

198 100

51 235.9 18.4 58.4#

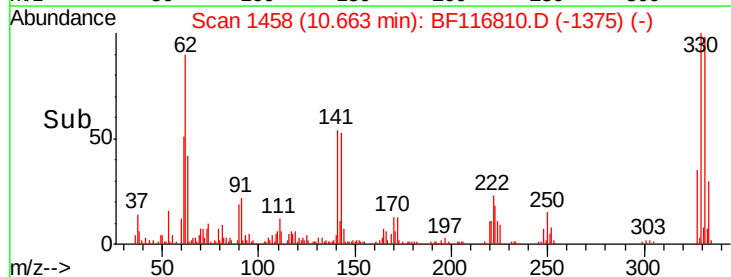
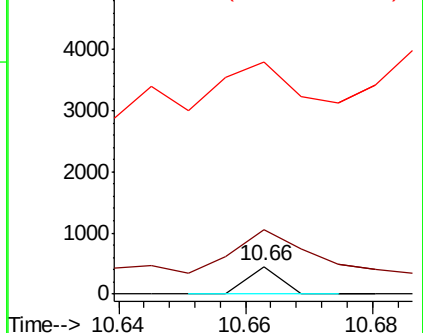
105 850.2 22.9 62.9#

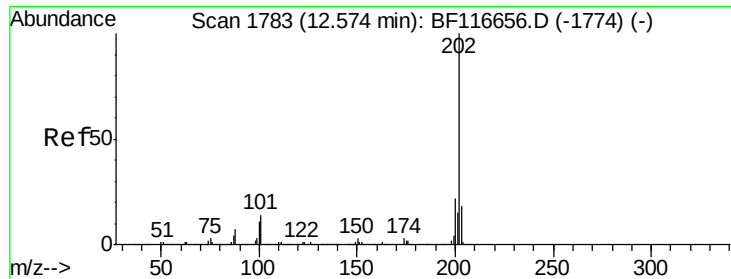


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#75

Fluoranthene

Concen: 3.817 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF116810.D

Acq: 4 Sep 2019 12:50

Instrument :

BNA_F

ClientSampleId :

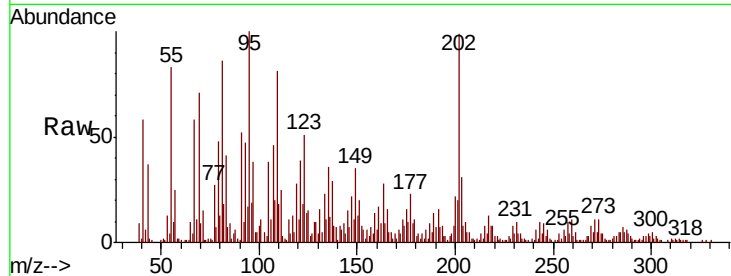
Tot Ion:202 Resp: 52543

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.3

203 31.0 0.0 37.6

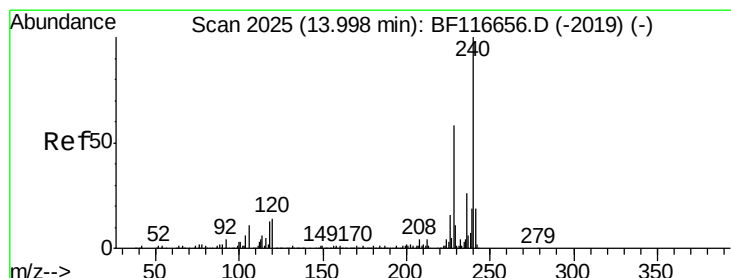
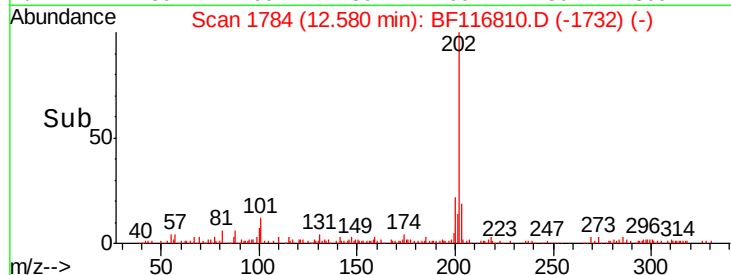
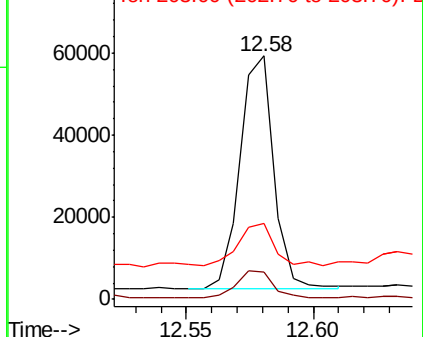


Abundance

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: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF116810.D

Acq: 4 Sep 2019 12:50

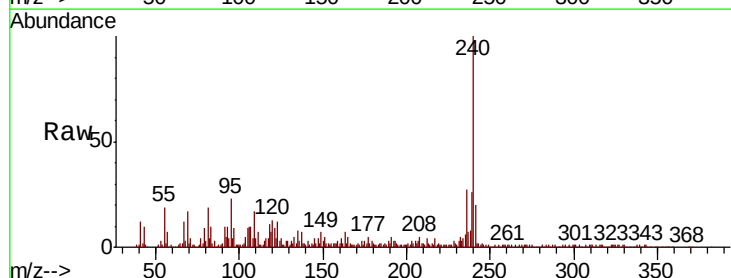
Tgt Ion:240 Resp: 180544

Ion Ratio Lower Upper

240 100

120 12.6 9.1 13.7

236 26.6 21.1 31.7

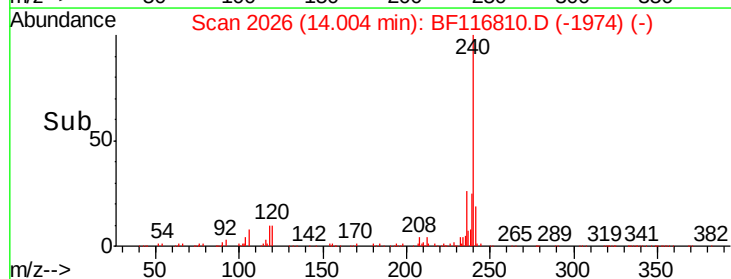
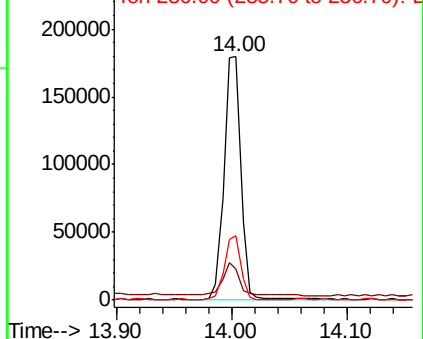


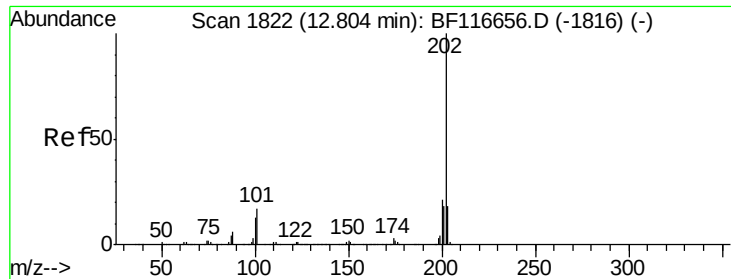
Abundance

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

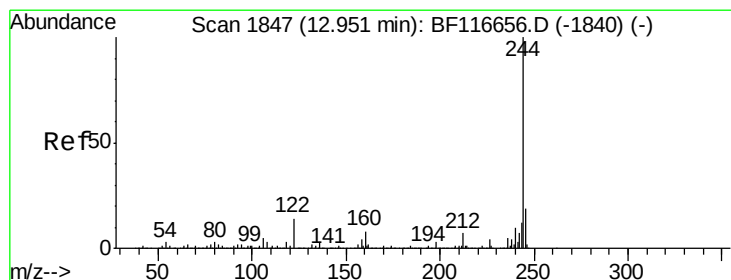
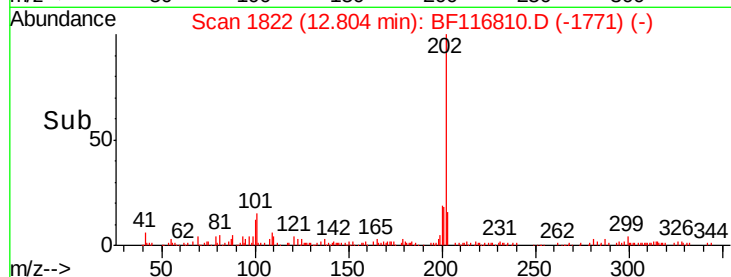
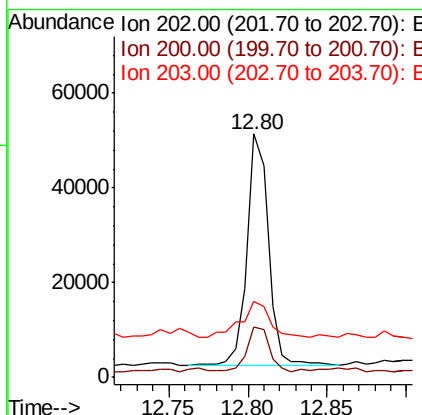
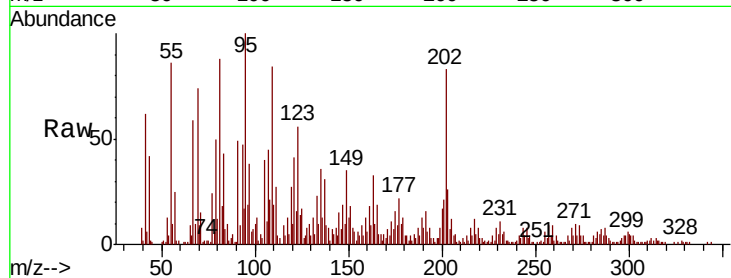




#78
Pvrene
Concen: 2.860 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

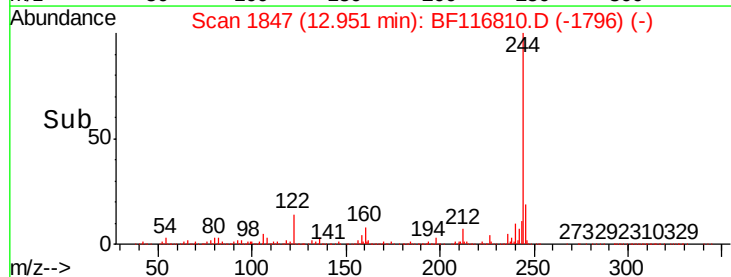
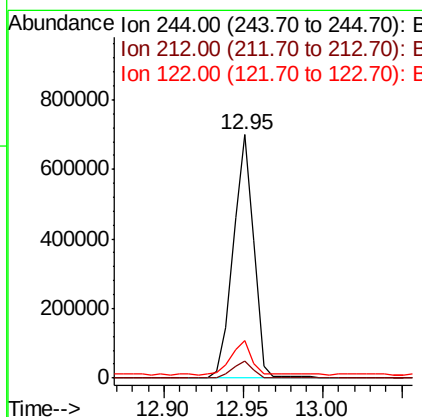
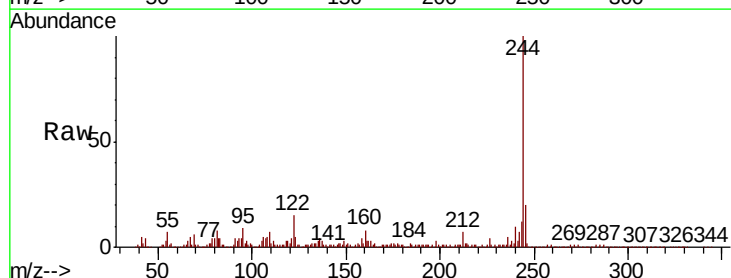
Instrument :
BNA_F
ClientSampleId :

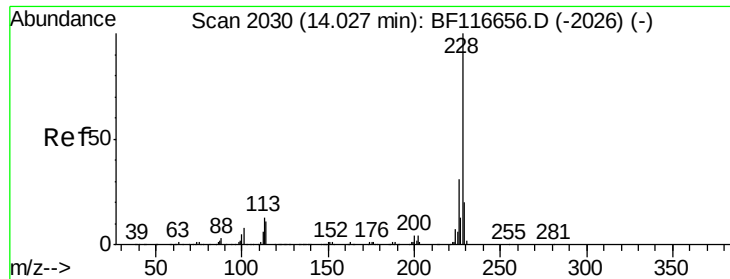
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	31.0	13.7	20.5



#79
Terphenyl-d14
Concen: 63.428 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.1	9.1
122	15.3	10.2	15.4

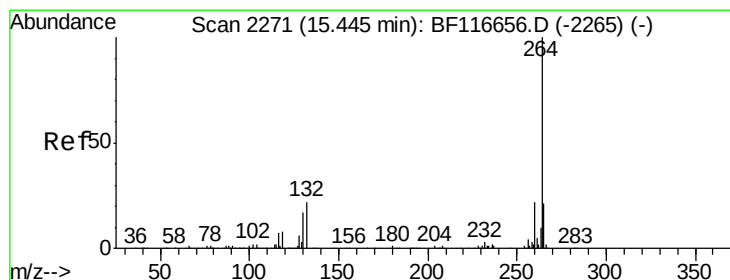
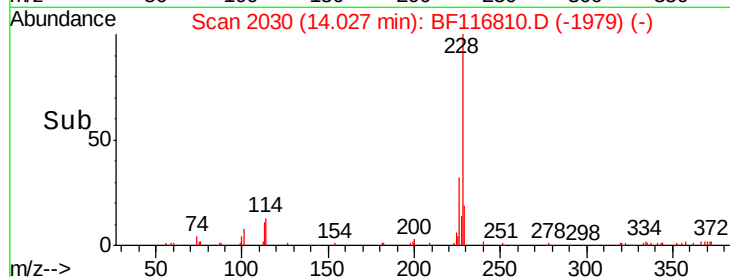
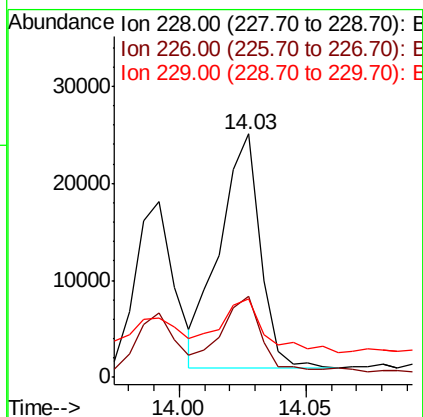
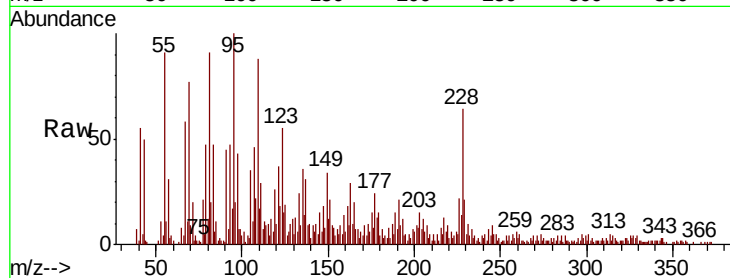




#83
Chrysene
Concen: 2.286 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

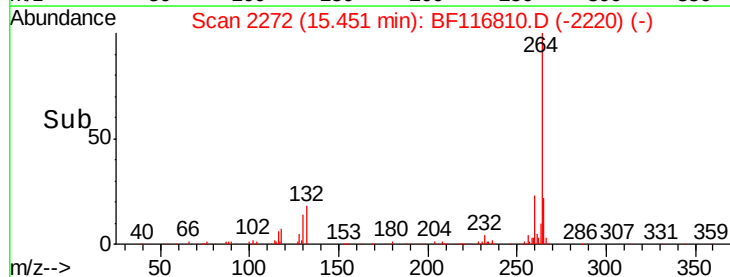
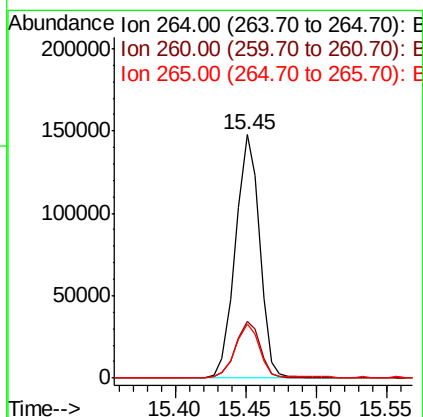
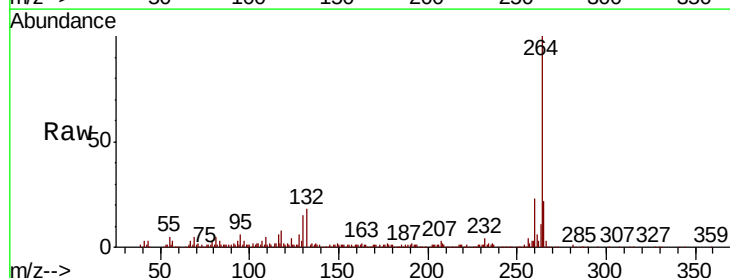
Instrument :
BNA_F
ClientSampled :

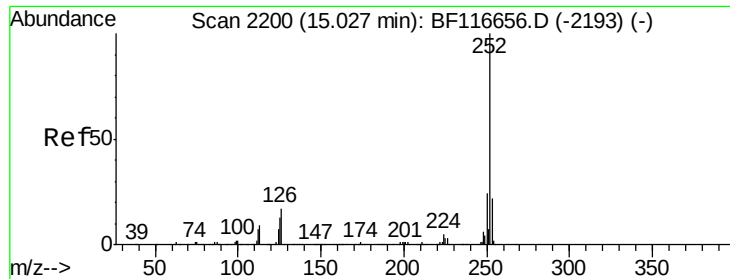
Tot Ion:228 Resp: 26906
Ion Ratio Lower Upper
228 100
226 33.5 24.0 36.0
229 32.2 15.4 23.0#



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Tgt Ion:264 Resp: 176844
Ion Ratio Lower Upper
264 100
260 23.2 18.3 27.5
265 22.4 16.5 24.7

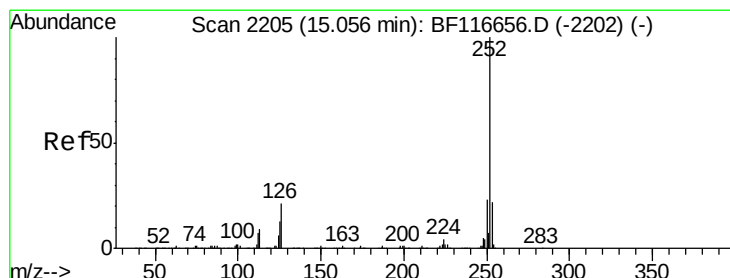
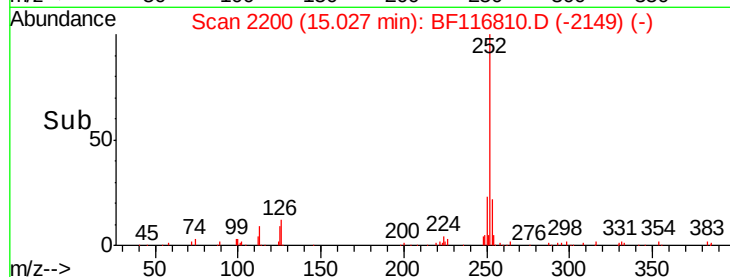
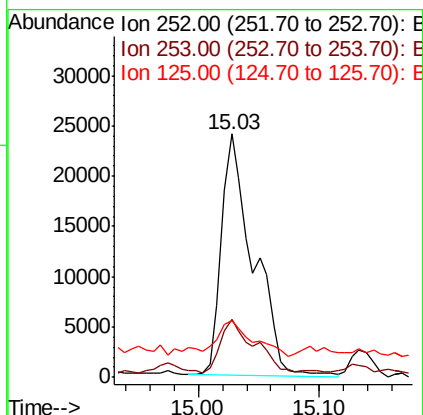
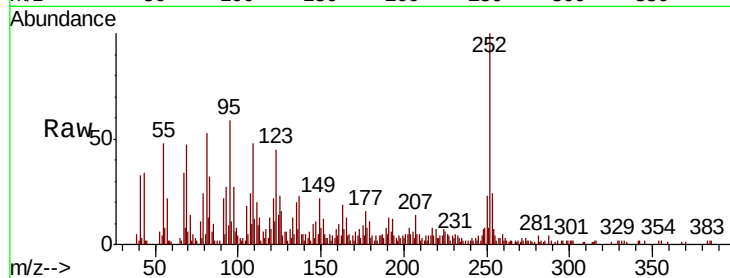




#88
Benzo(b)fluoranthene
Concen: 4.107 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 43914
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 23.4 8.2 12.2#



#89
Benzo(k)fluoranthene
Concen: 4.505 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BF116810.D
Acq: 4 Sep 2019 12:50

Tgt Ion:252 Resp: 43914
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 23.4 8.6 13.0#

