

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116410.D
 Acq On : 20 Aug 2019 1:32
 Operator : HP/JU
 Sample : K4223-29
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-15

Quant Time: Aug 20 03:44:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

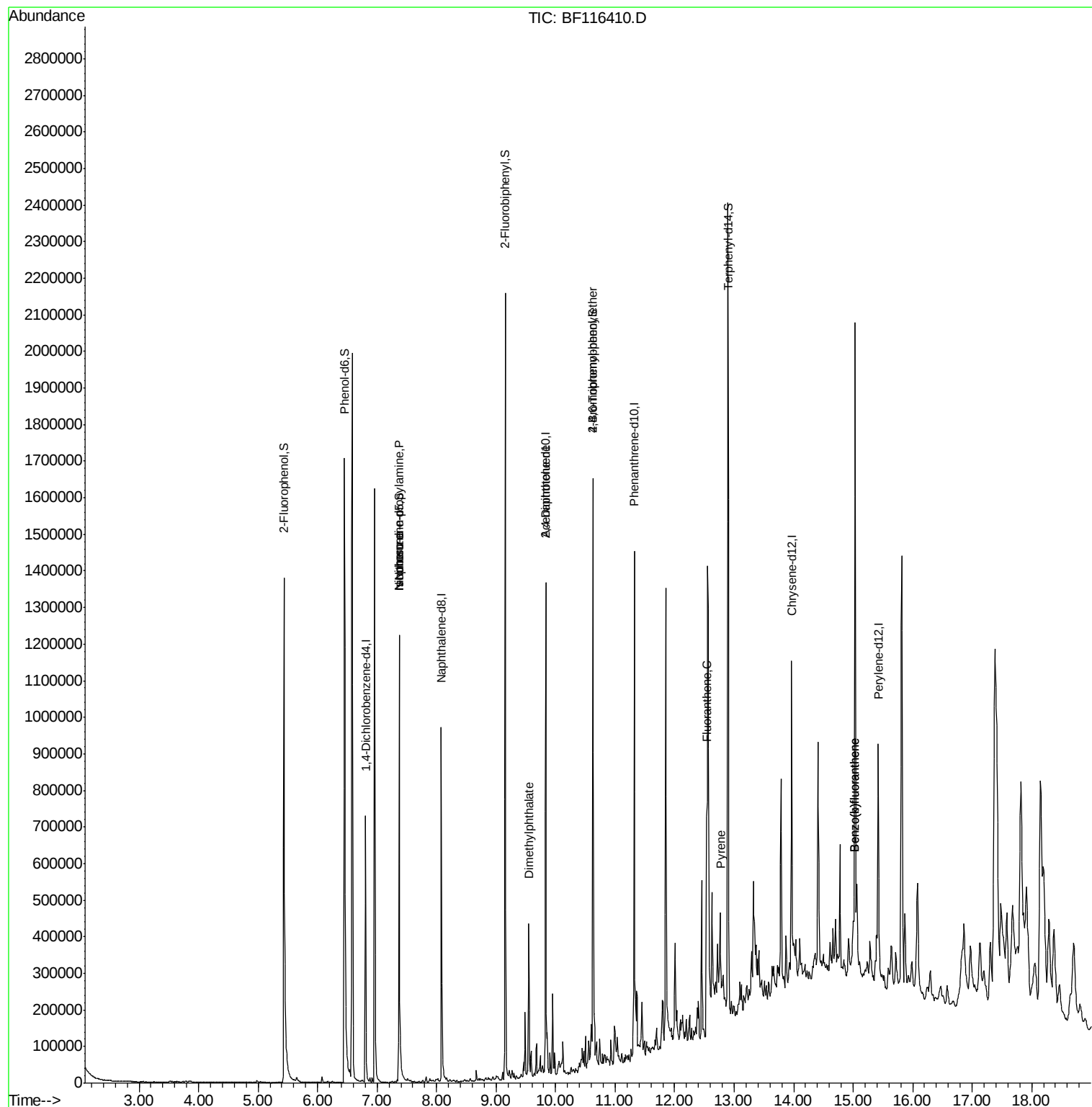
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	110794	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	444253	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	243711	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	445825	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	274709	20.00	ng	-0.02
87) Perylene-d12	15.42	264	318505	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	528929	79.92	ng	0.00
7) Phenol-d6	6.45	99	717764	85.96	ng	-0.01
23) Nitrobenzene-d5	7.37	82	433148	56.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	201365	85.22	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	683322	52.52	ng	-0.01
79) Terphenyl-d14	12.90	244	716532	54.96	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	57787	11.168	ng	# 79
25) Isophorone	7.37	82	433148	29.433	ng	# 65
50) Dimethylphthalate	9.55	163	155039	9.343	ng	98
57) 2,4-Dinitrotoluene	9.83	165	30984	6.453	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	12236	2.564	ng	# 1
75) Fluoranthene	12.54	202	68562	2.873	ng	98
78) Pyrene	12.77	202	57535	2.778	ng	98
88) Benzo(b)fluoranthene	15.01	252	52768	2.865	ng	# 86
89) Benzo(k)fluoranthene	15.01	252	52768	2.942	ng	# 85

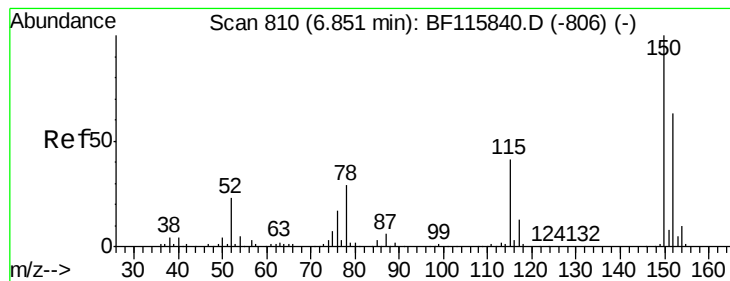
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
Data File : BF116410.D
Acq On : 20 Aug 2019 1:32
Operator : HP/JU
Sample : K4223-29
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-15

Quant Time: Aug 20 03:44:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
Response via : Initial Calibration



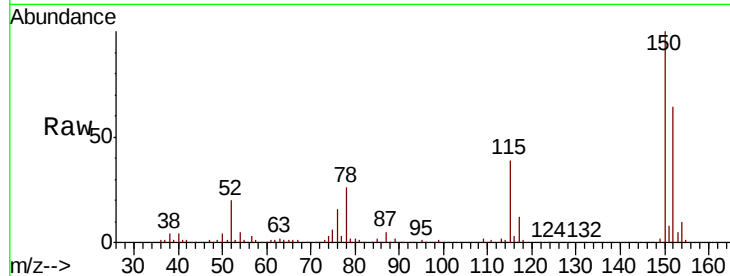


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116410.D
Acq: 20 Aug 2019 1:32

Instrument :
BNA_F
ClientSampled :
SP-15

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	61.6	49.9	74.9

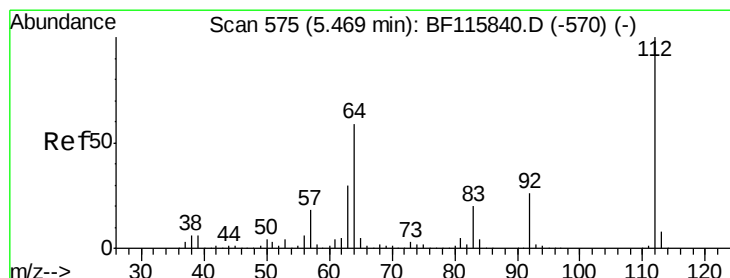
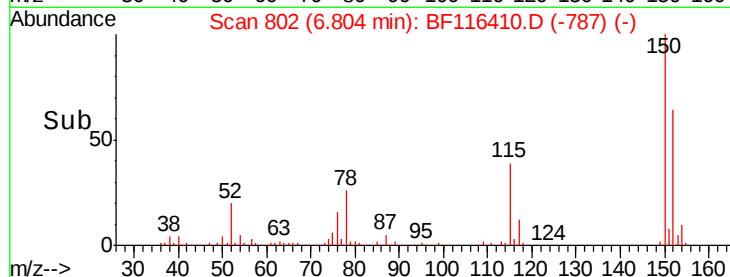
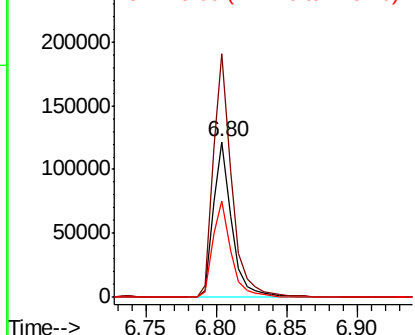


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

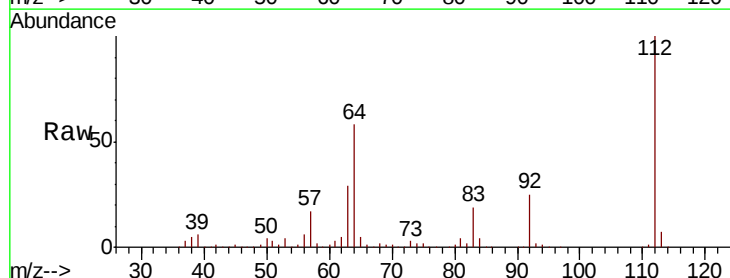
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.919 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF116410.D
Acq: 20 Aug 2019 1:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.4	68.2
63	29.4	23.7	35.5

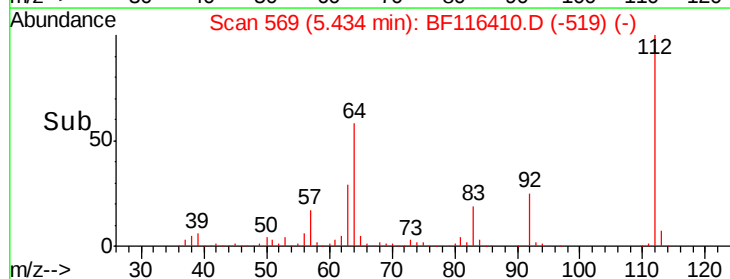
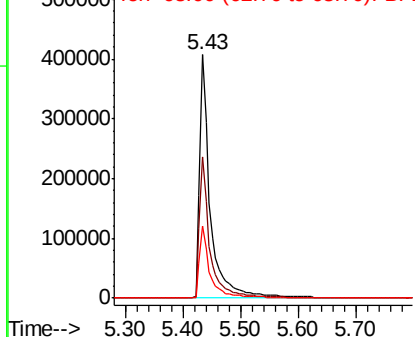


Abundance

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: 85.959 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116410.D

Acq: 20 Aug 2019 1:32

Instrument :

BNA_F

ClientSampleId :

SP-15

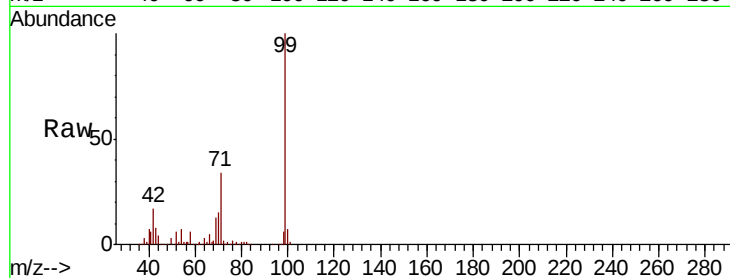
Tgt Ion: 99 Resp: 717764

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.8

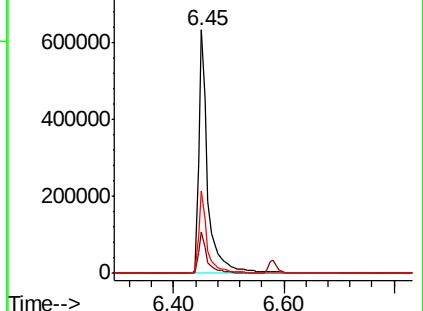
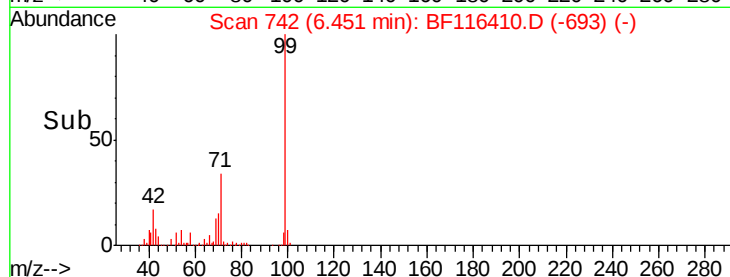
71 33.7 27.3 40.9



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: 11.168 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF116410.D

Acq: 20 Aug 2019 1:32

Tgt Ion: 70 Resp: 57787

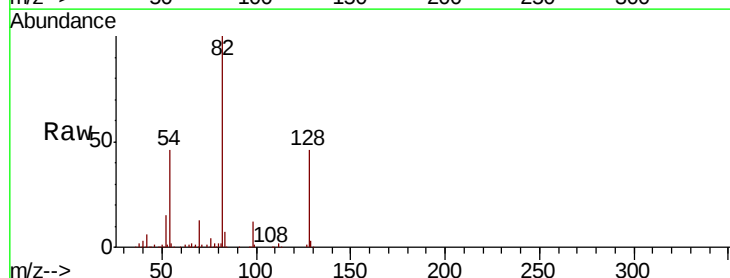
Ion Ratio Lower Upper

70 100

42 43.1 40.9 61.3

101 0.0 7.9 11.9#

130 2.3 16.9 25.3#

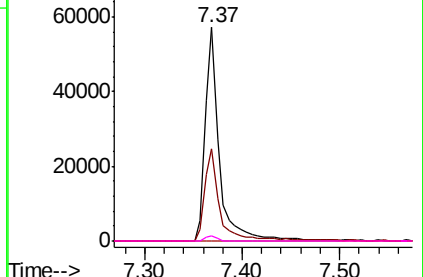
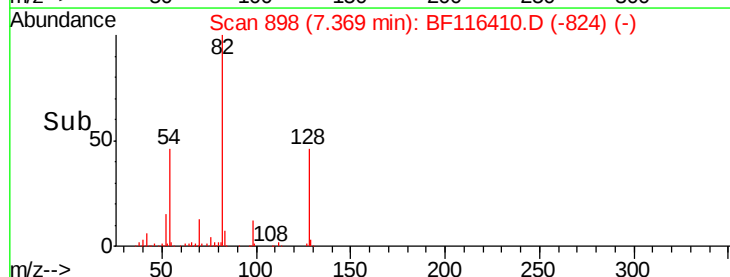


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

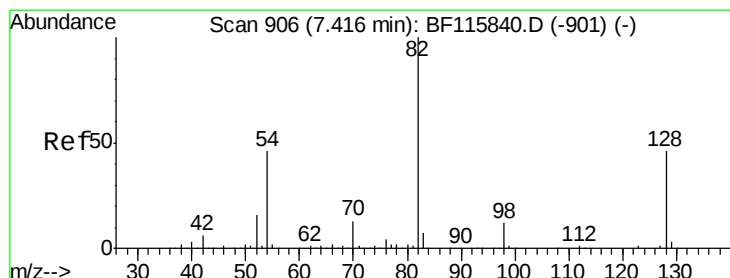
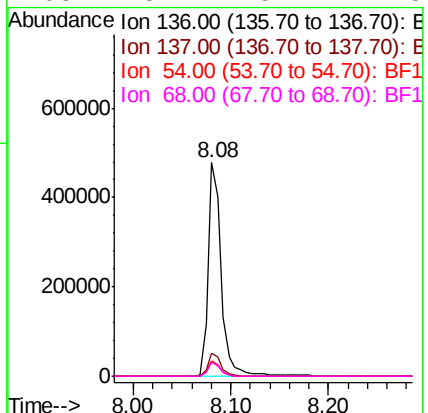
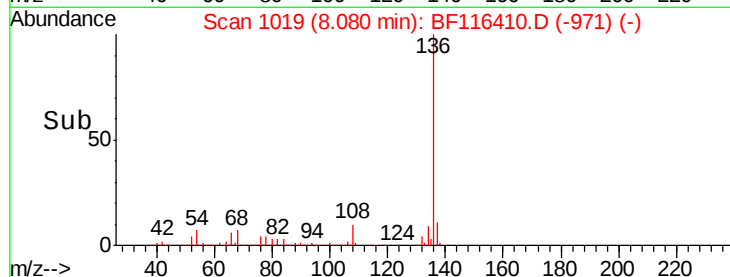
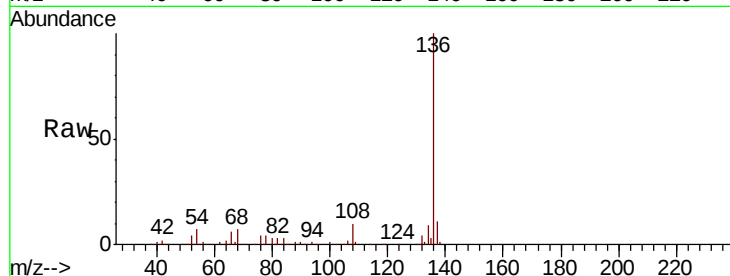




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF116410.D
Acq: 20 Aug 2019 1:32

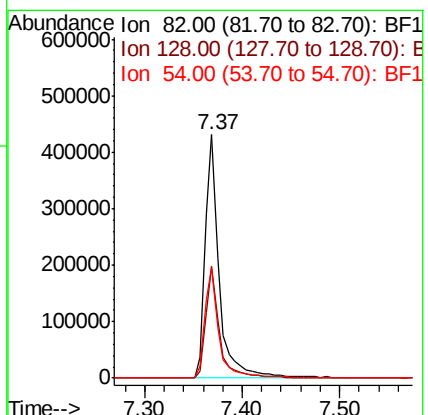
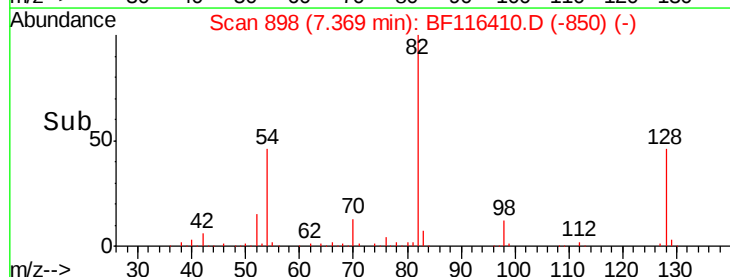
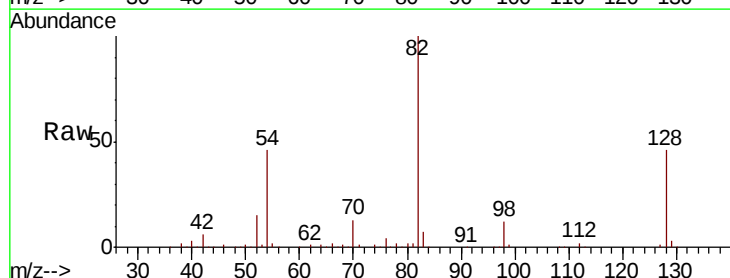
Instrument :
BNA_F
ClientSampleId :
SP-15

Tgt Ion:	136	Resp:	444253
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.3	5.8	8.6
68	6.7	5.2	7.8



#23
Nitrobenzene-d5
Concen: 56.280 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116410.D
Acq: 20 Aug 2019 1:32

Tgt Ion:	82	Resp:	433148
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.5	54.7
54	45.5	36.0	54.0

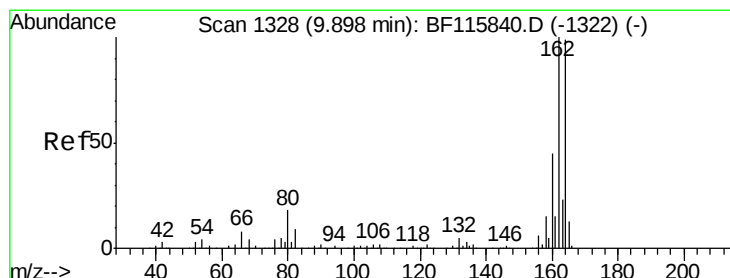
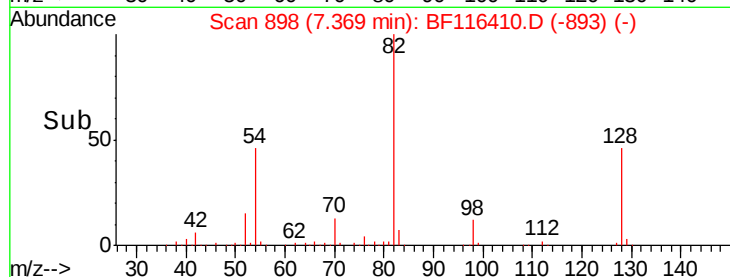
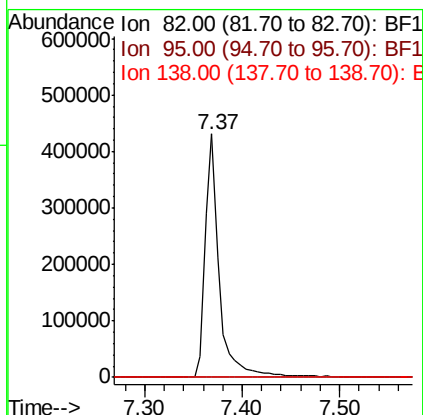
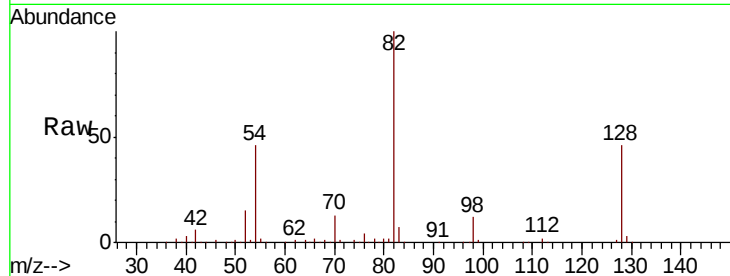




#25
Isophorone
Concen: 29.433 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF116410.D
Acq: 20 Aug 2019 1:32

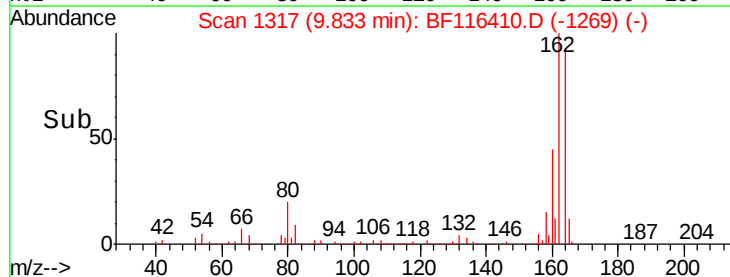
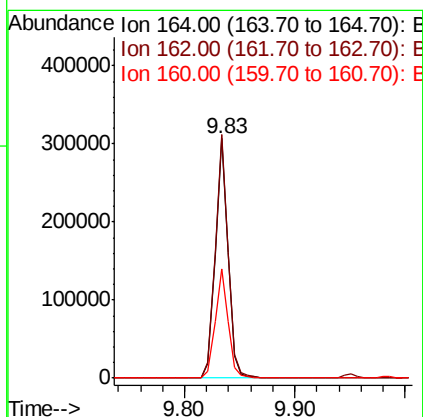
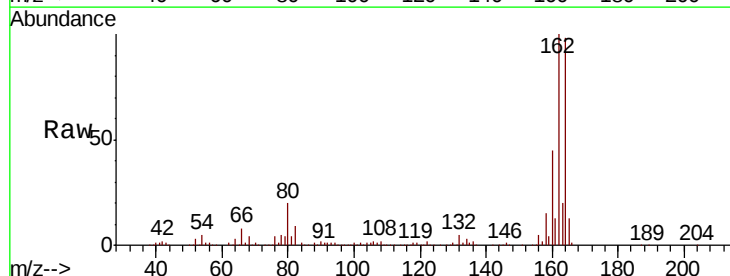
Instrument :
BNA_F
ClientSampleId :
SP-15

Tgt Ion: 82 Resp: 433148
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF116410.D
Acq: 20 Aug 2019 1:32

Tgt Ion: 164 Resp: 243711
Ion Ratio Lower Upper
164 100
162 101.6 82.6 124.0
160 45.5 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 85.221 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF116410.D

Acq: 20 Aug 2019 1:32

Instrument :

BNA_F

ClientSampleId :

SP-15

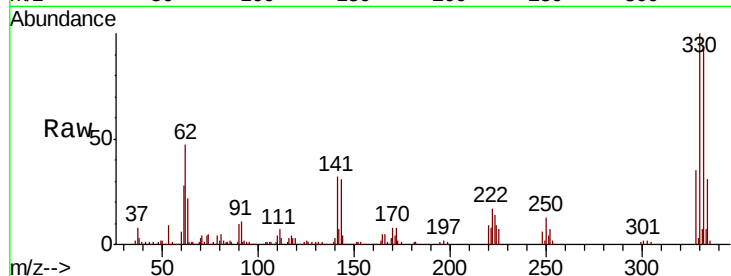
Tgt Ion:330 Resp: 201365

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

141 34.4 26.3 39.5

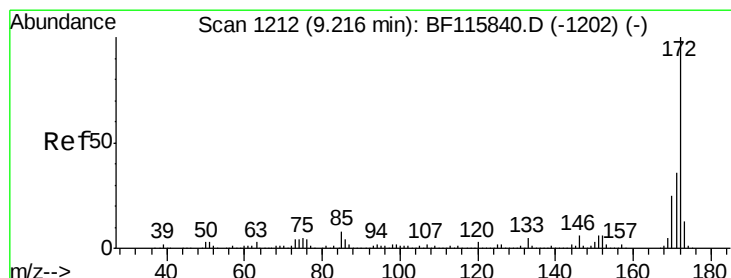
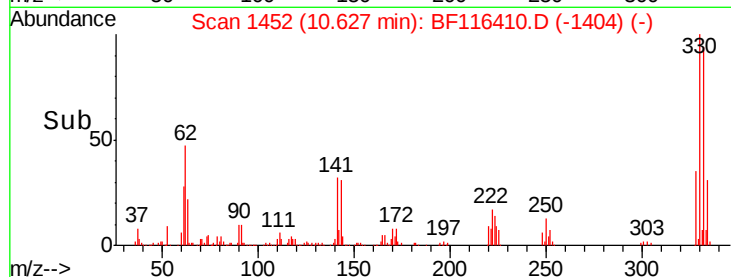
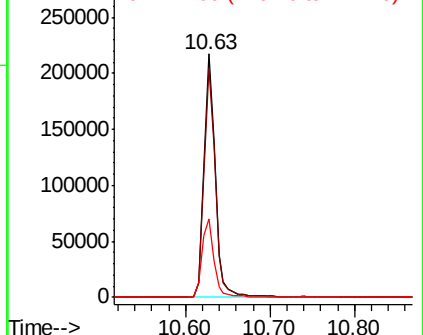


Abundance

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: 52.518 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF116410.D

Acq: 20 Aug 2019 1:32

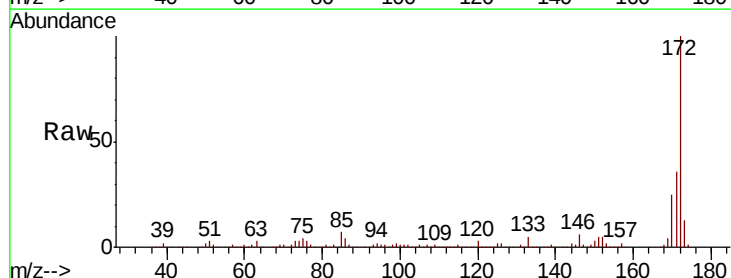
Tgt Ion:172 Resp: 683322

Ion Ratio Lower Upper

172 100

171 35.6 29.6 44.4

170 24.7 20.1 30.1

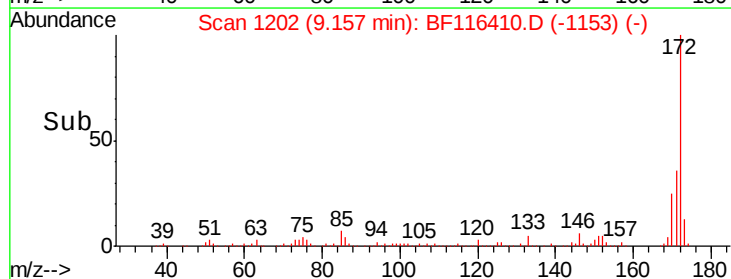
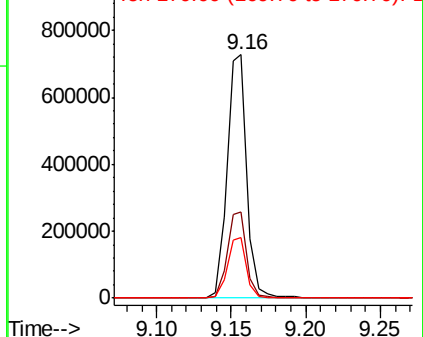


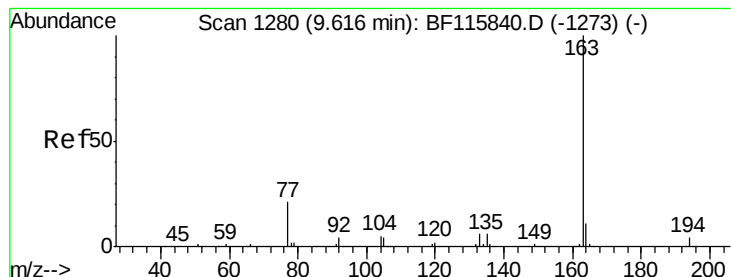
Abundance

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: 9.343 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF116410.D

Acq: 20 Aug 2019 1:32

Instrument :

BNA_F

ClientSampleId :

SP-15

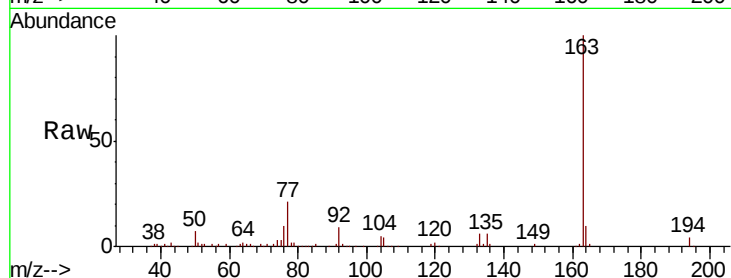
Tgt Ion:163 Resp: 155039

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

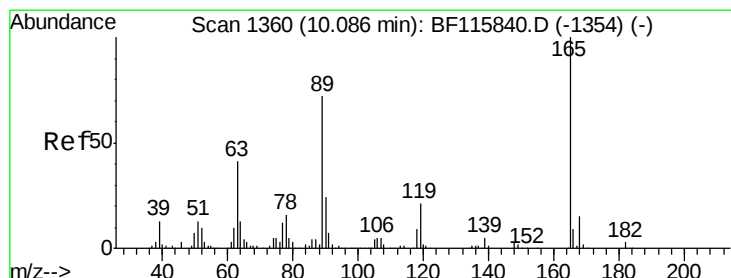
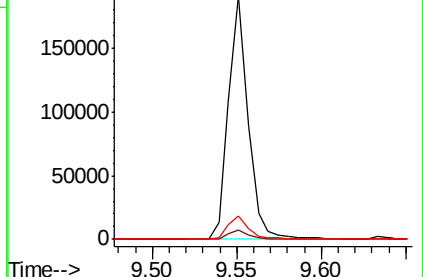
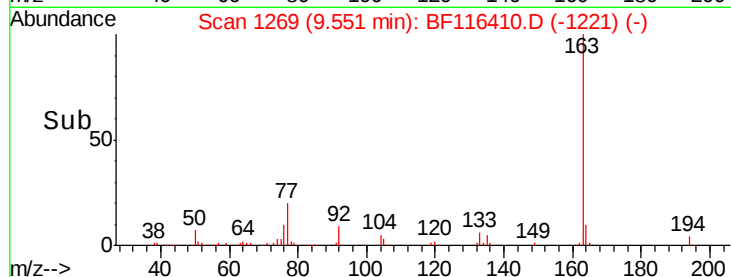
164 9.8 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 6.453 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.22 min

Lab File: BF116410.D

Acq: 20 Aug 2019 1:32

Tgt Ion:165 Resp: 30984

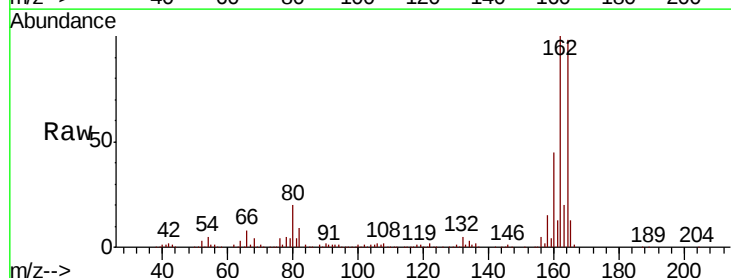
Ion Ratio Lower Upper

165 100

63 1.1 39.6 59.4#

89 1.7 62.2 93.2#

182 0.0 2.1 3.1#

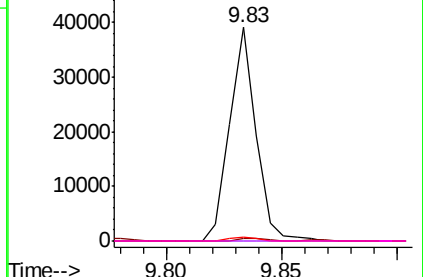
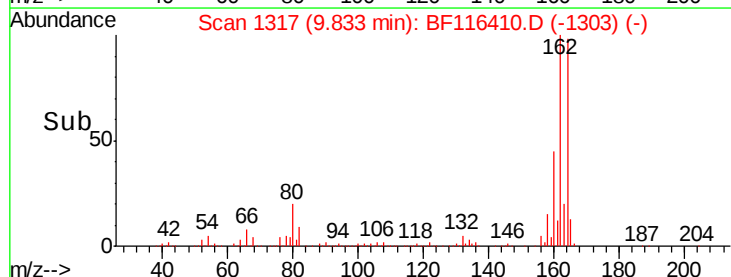


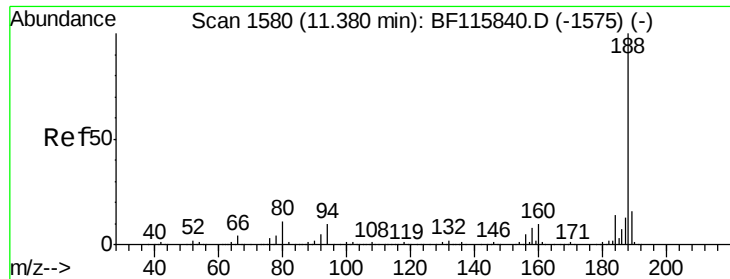
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

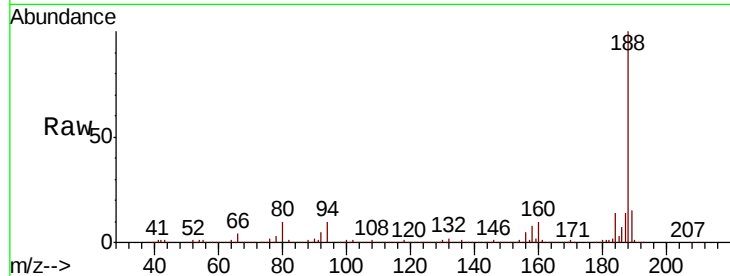




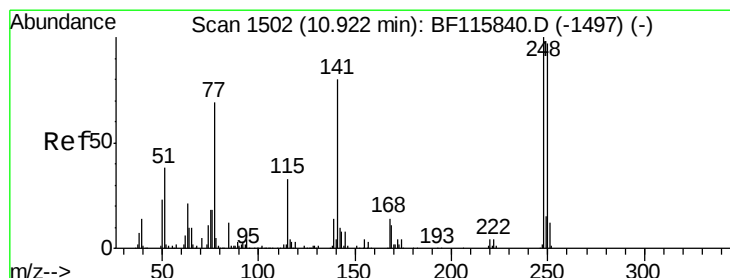
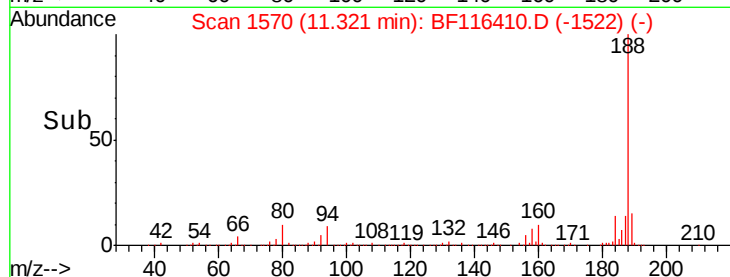
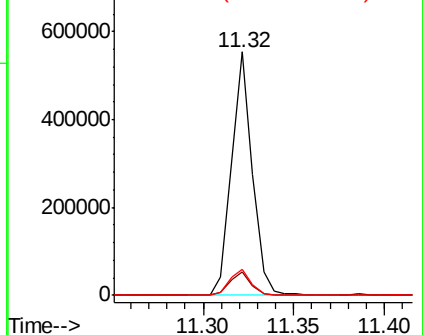
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116410.D
Acq: 20 Aug 2019 1:32

Instrument :
BNA_F
ClientSampleId :
SP-15

Tgt Ion:188 Resp: 445825
Ion Ratio Lower Upper
188 100
94 9.6 8.1 12.1
80 10.5 8.7 13.1

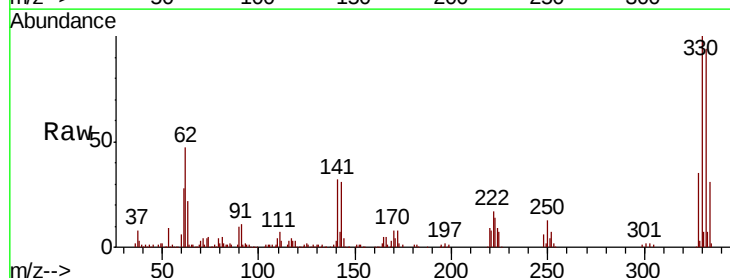


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

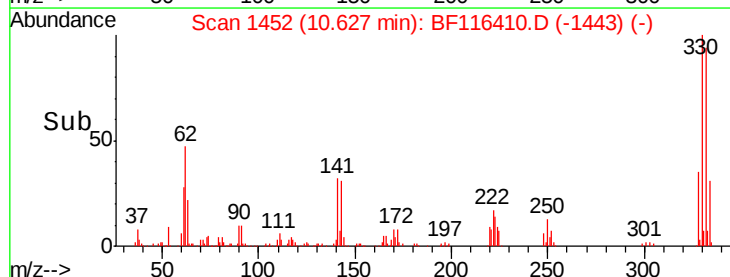
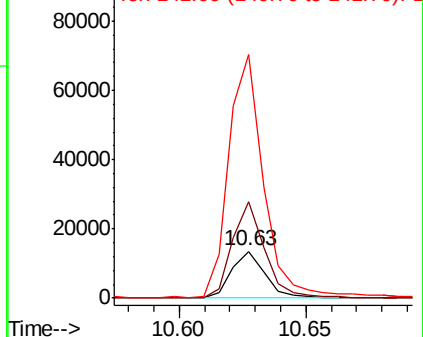


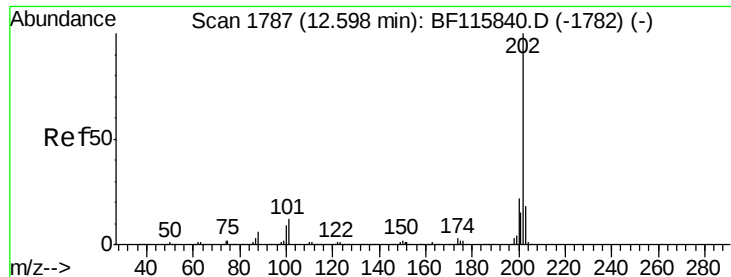
#67
4-Bromophenyl-phenylether
Concen: 2.564 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF116410.D
Acq: 20 Aug 2019 1:32

Tgt Ion:248 Resp: 12236
Ion Ratio Lower Upper
248 100
250 204.2 77.4 116.2#
141 516.9 56.8 85.2#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

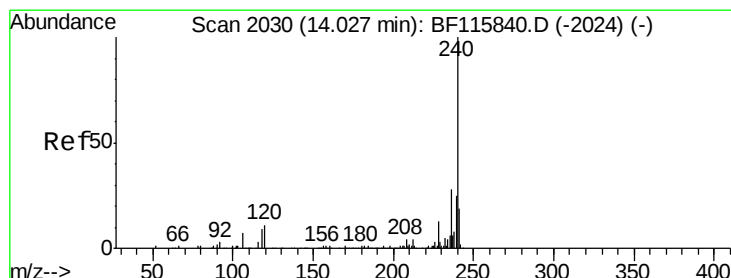
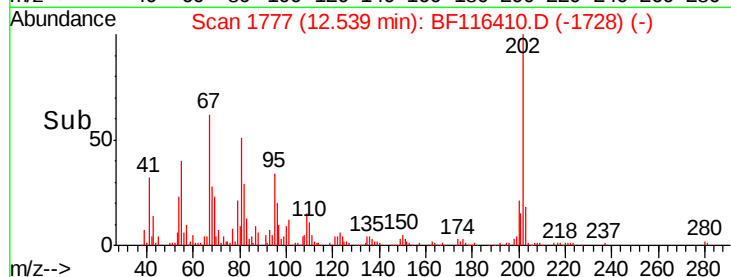
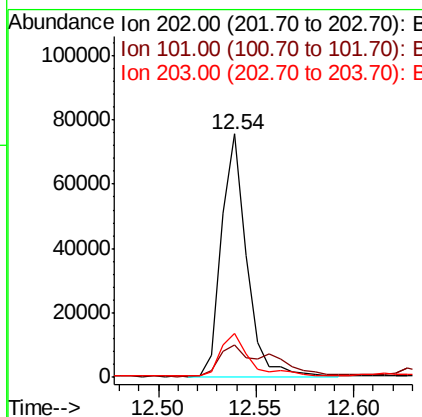
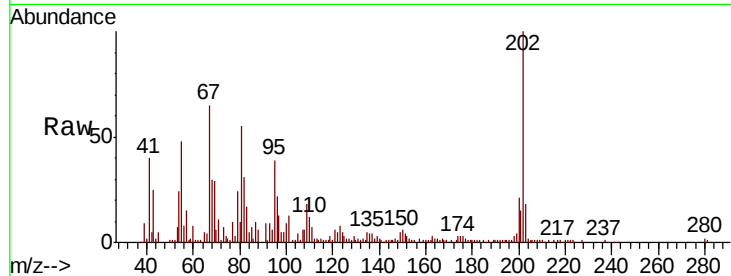




#75
Fluoranthene
Concen: 2.873 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF116410.D
Acq: 20 Aug 2019 1:32

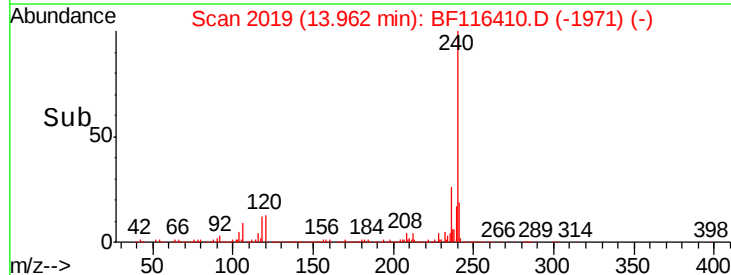
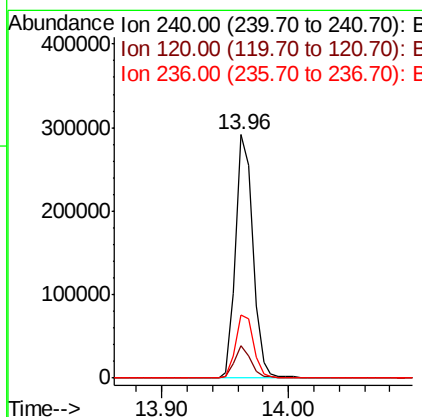
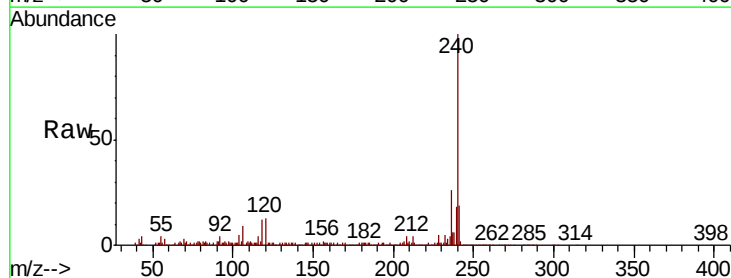
Instrument :
BNA_F
ClientSampleId :
SP-15

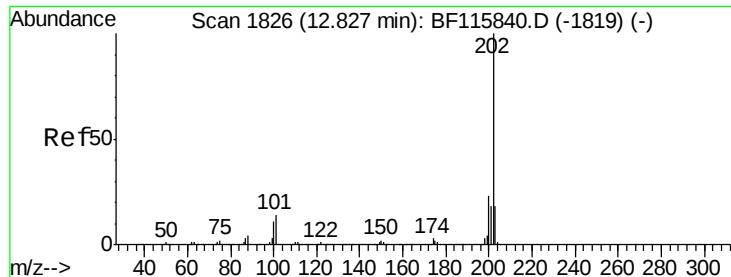
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.2
203	18.2	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116410.D
Acq: 20 Aug 2019 1:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	10.7	16.1
236	26.0	22.2	33.2

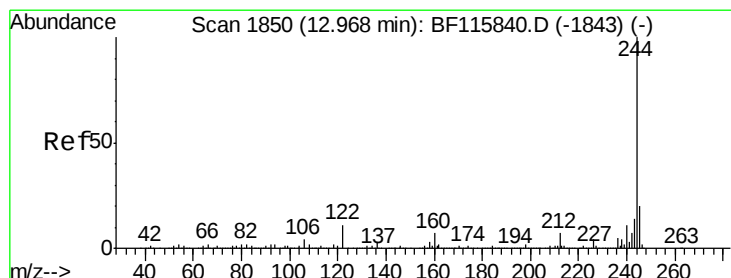
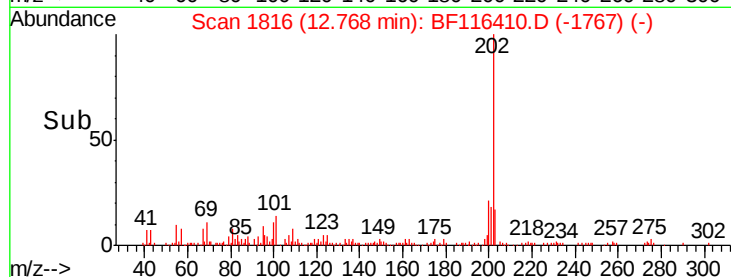
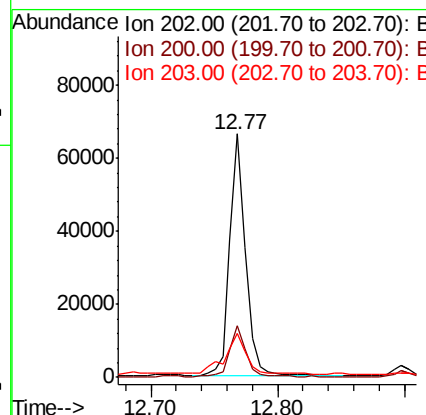
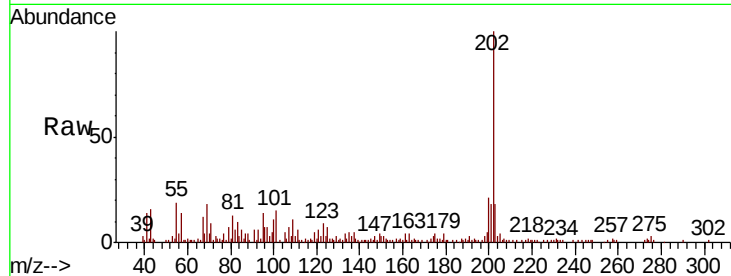




#78
 Pyrene
 Concen: 2.778 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF116410.D
 Acq: 20 Aug 2019 1:32

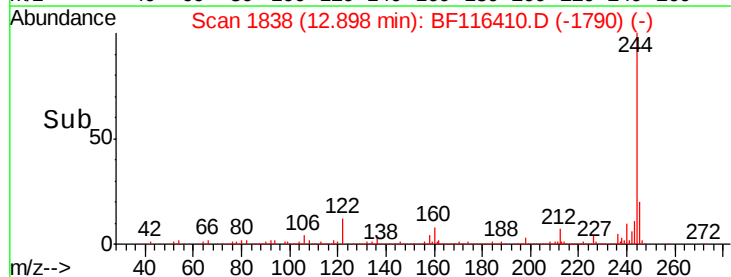
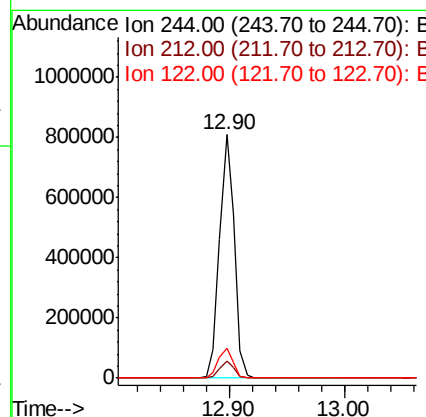
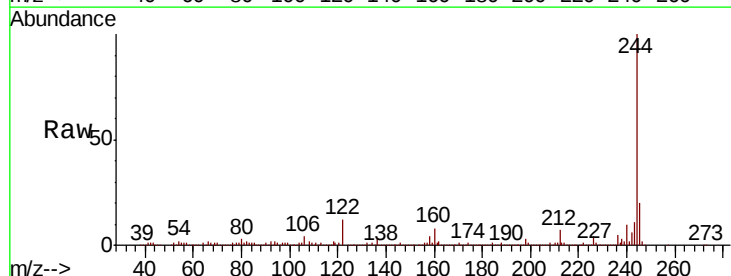
Instrument :
 BNA_F
 ClientSampleId :
 SP-15

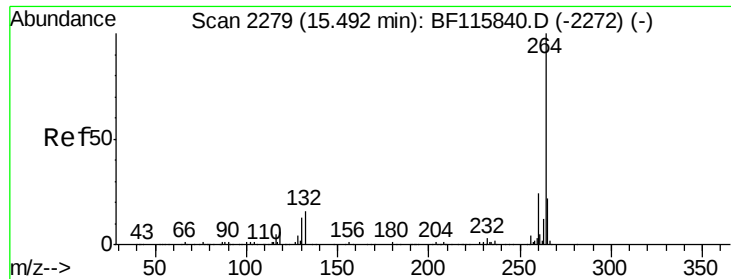
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.0	27.0
203	18.2	14.1	21.1



#79
 Terphenyl-d14
 Concen: 54.962 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BF116410.D
 Acq: 20 Aug 2019 1:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.2	9.0	13.4





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF116410.D

Acq: 20 Aug 2019 1:32

Instrument :

BNA_F

ClientSampleId :

SP-15

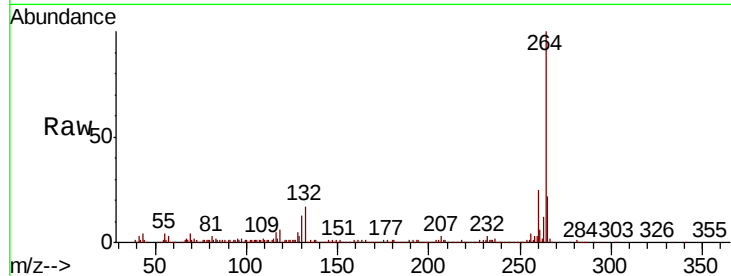
Tgt Ion:264 Resp: 318505

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

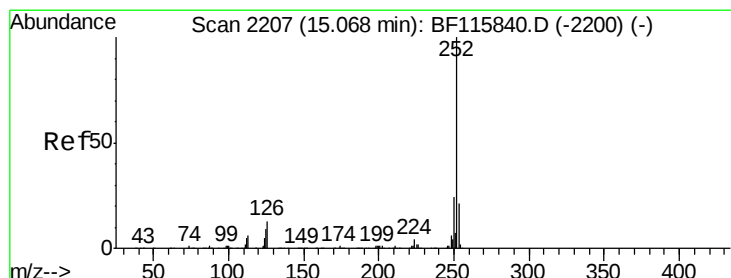
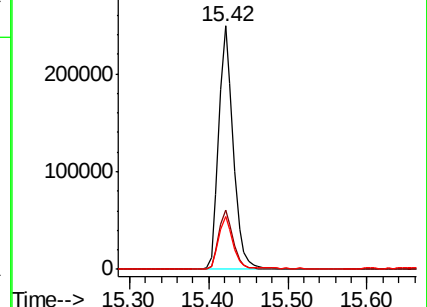
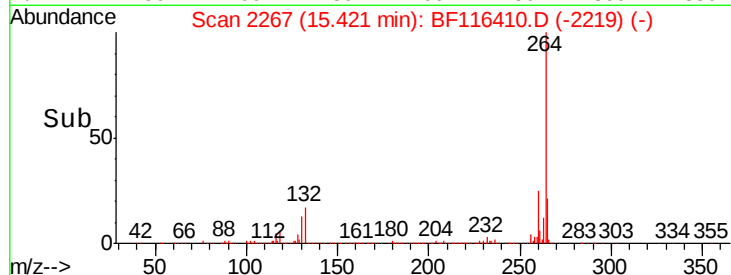
265 21.7 17.4 26.0



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: 2.865 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BF116410.D

Acq: 20 Aug 2019 1:32

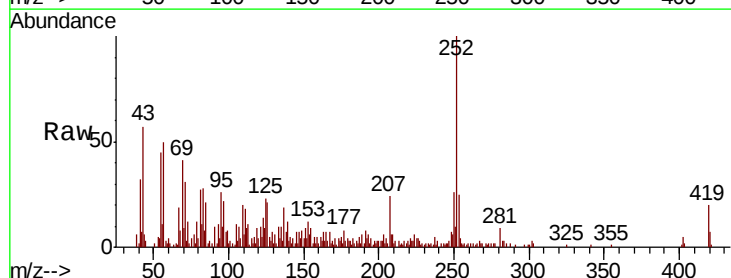
Tgt Ion:252 Resp: 52768

Ion Ratio Lower Upper

252 100

253 24.7 17.8 26.8

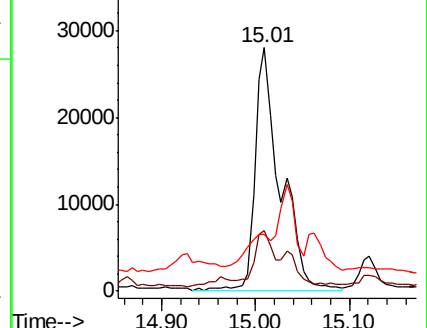
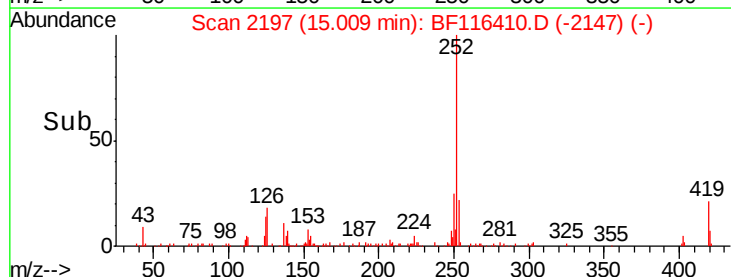
125 23.3 8.4 12.6#

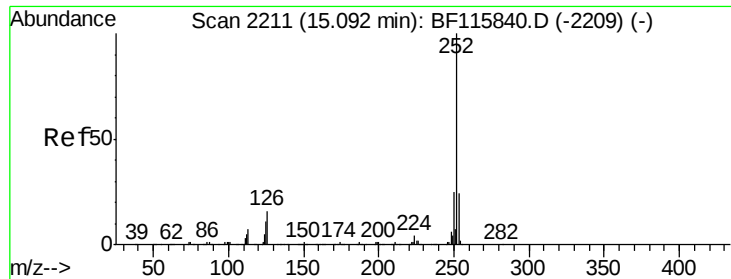


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.942 ng

RT: 15.01 min Scan# 2197

Delta R.T. -0.03 min

Lab File: BF116410.D

Acq: 20 Aug 2019 1:32

Instrument :

BNA_F

ClientSampleId :

SP-15

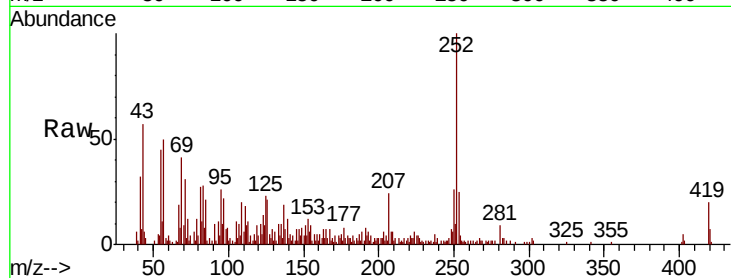
Tgt Ion: 252 Resp: 52768

Ion Ratio Lower Upper

252 100

253 24.7 17.8 26.8

125 23.3 7.7 11.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

