

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
 Data File : BF116190.D
 Acq On : 12 Aug 2019 14:28
 Operator : HP/JU
 Sample : K3613-04RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-080719-B

Quant Time: Aug 12 15:04:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

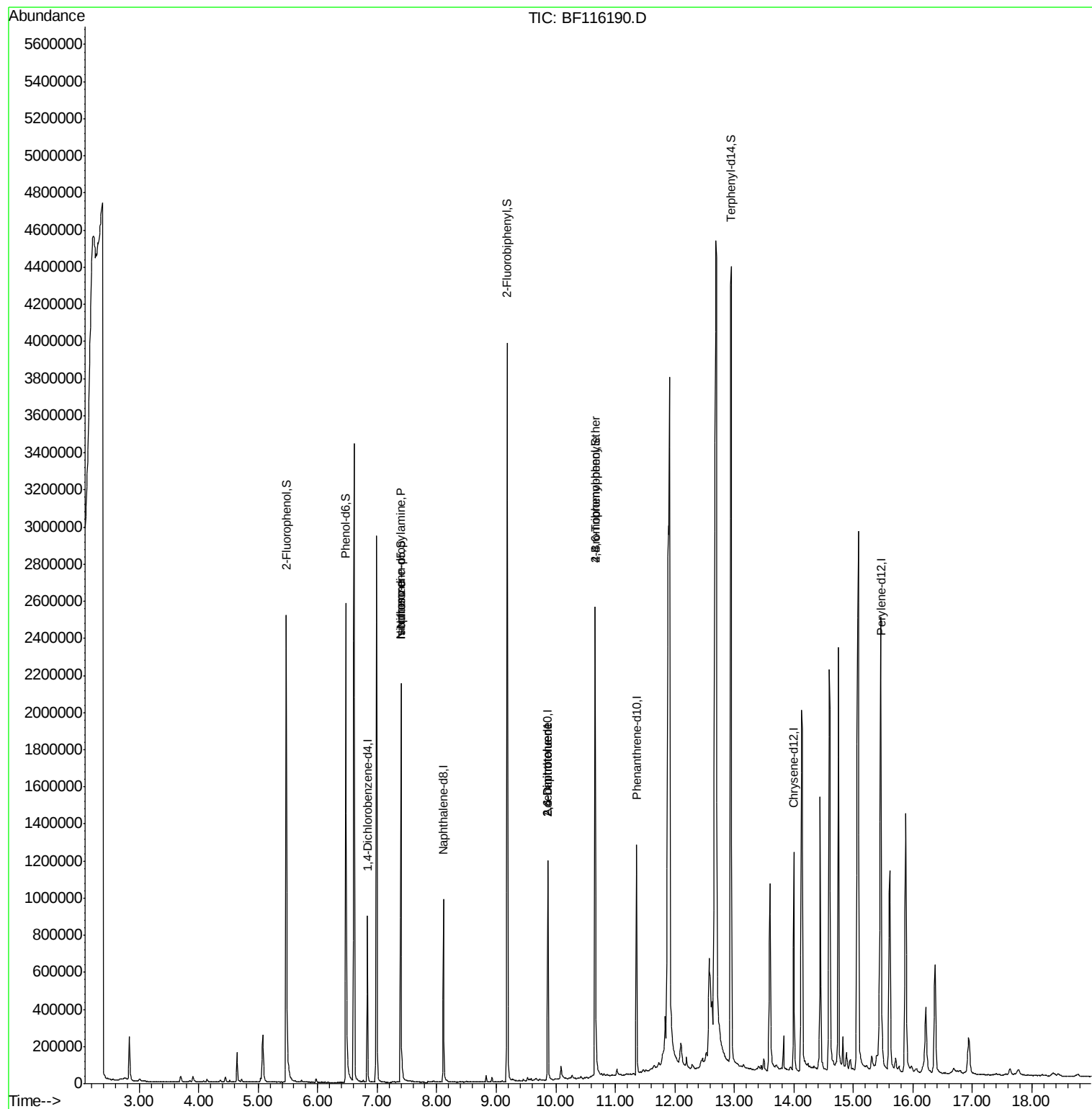
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	123066	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	470655	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	254743	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	474652	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	410028	20.00	ng	-0.01
87) Perylene-d12	15.47	264	378232	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	875622	119.11	ng	0.00
7) Phenol-d6	6.47	99	1017061	109.66	ng	-0.01
23) Nitrobenzene-d5	7.40	82	787656	96.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	371964	150.60	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1367535	100.55	ng	-0.02
79) Terphenyl-d14	12.94	244	1671730	85.91	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	104528	18.187	ng	# 78
25) Isophorone	7.40	82	787647	50.519	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	33214	8.811	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	33214	6.618	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	22415	4.411	ng	# 1

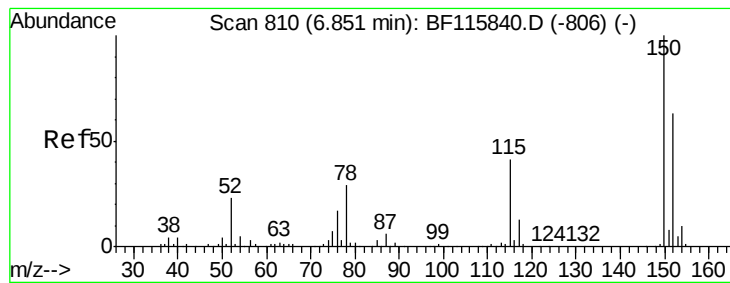
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
Data File : BF116190.D
Acq On : 12 Aug 2019 14:28
Operator : HP/JU
Sample : K3613-04RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-080719-B

Quant Time: Aug 12 15:04:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration



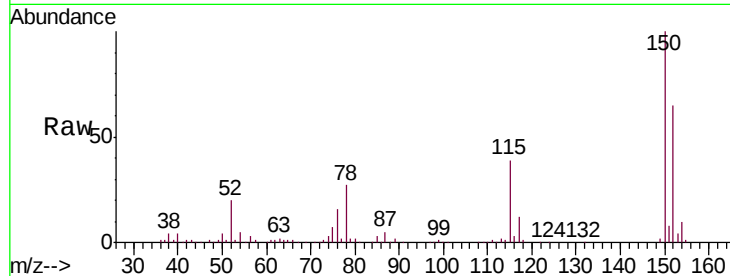


#1

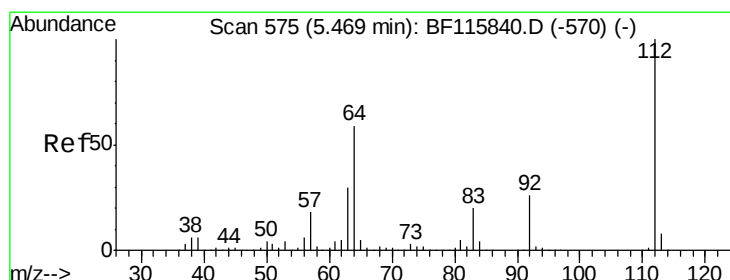
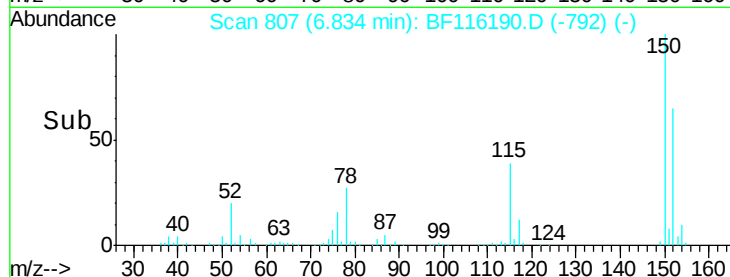
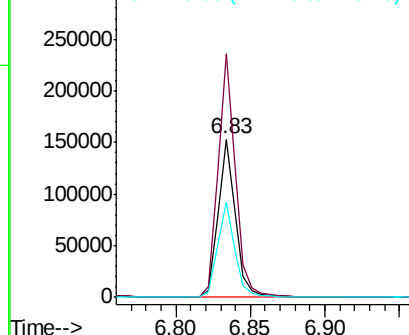
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116190.D
Acq: 12 Aug 2019 14:28

Instrument :
BNA_F
ClientSampleId :
AU-05-080719-B

Tgt Ion:152 Resp: 123066
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 60.4 49.9 74.9



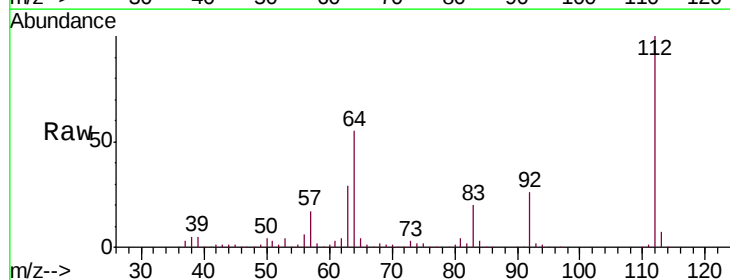
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



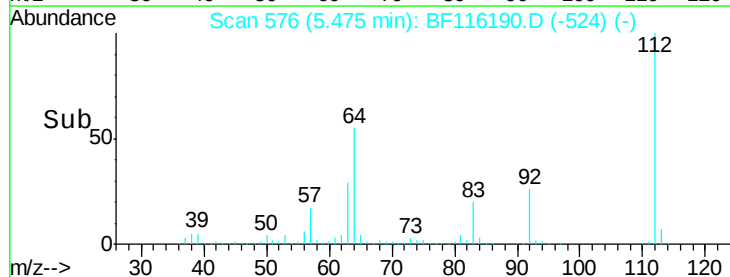
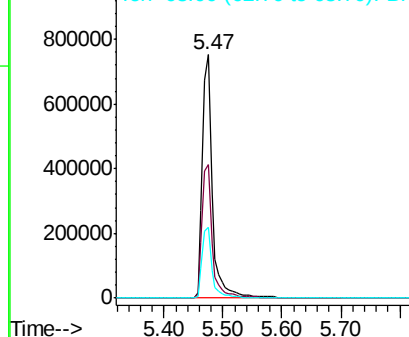
#5

2-Fluorophenol
Concen: 119.110 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116190.D
Acq: 12 Aug 2019 14:28

Tgt Ion:112 Resp: 875622
Ion Ratio Lower Upper
112 100
64 55.1 45.4 68.2
63 28.9 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: 109.656 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116190.D

Acq: 12 Aug 2019 14:28

Instrument :

BNA_F

ClientSampleId :

AU-05-080719-B

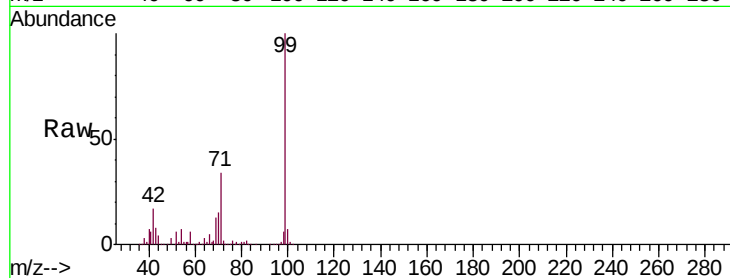
Tgt Ion: 99 Resp: 1017061

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.8

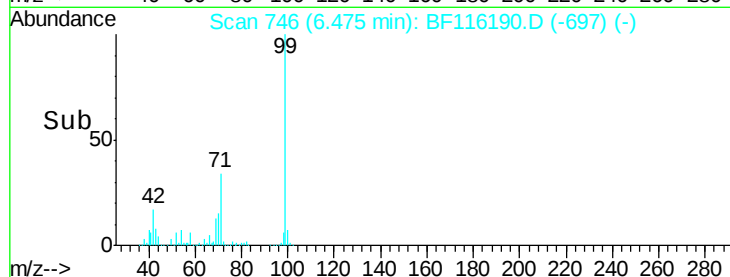
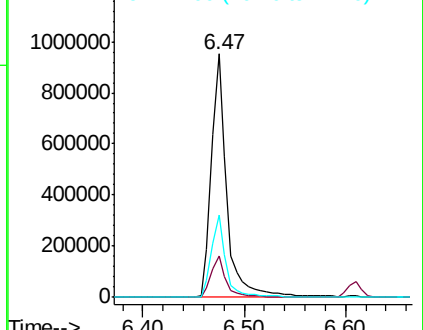
71 33.8 27.3 40.9



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: 18.187 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116190.D

Acq: 12 Aug 2019 14:28

Tgt Ion: 70 Resp: 104528

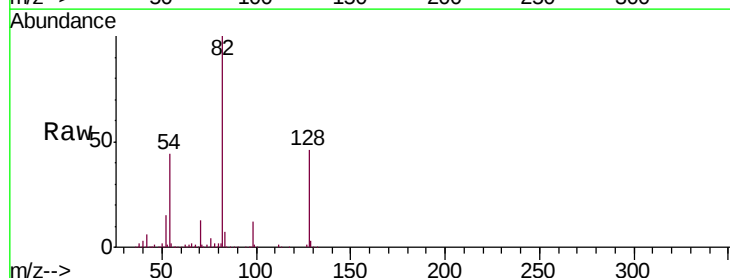
Ion Ratio Lower Upper

70 100

42 42.0 40.9 61.3

101 0.0 7.9 11.9#

130 2.2 16.9 25.3#

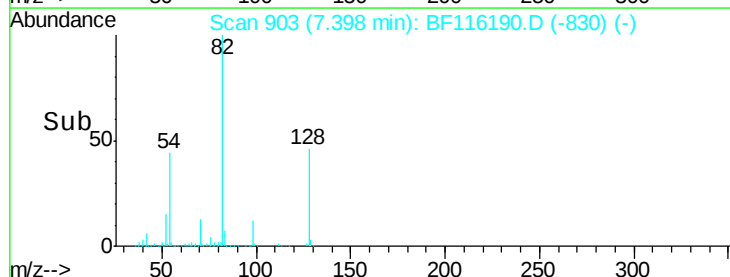
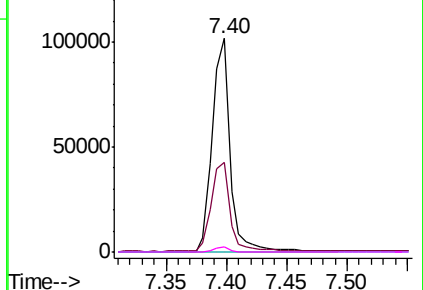


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

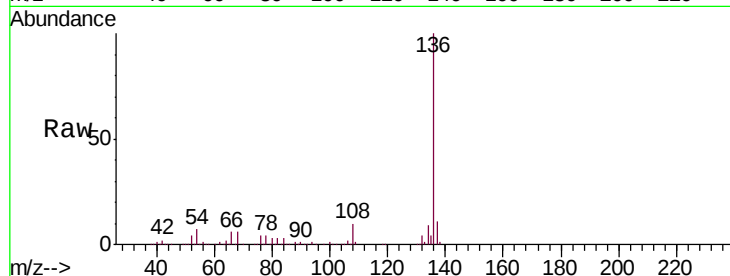




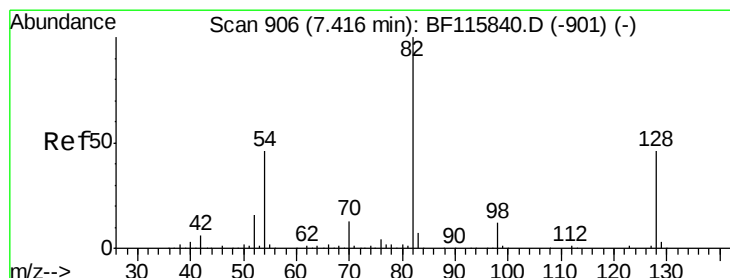
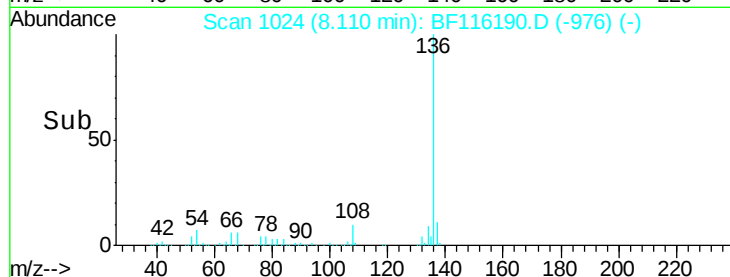
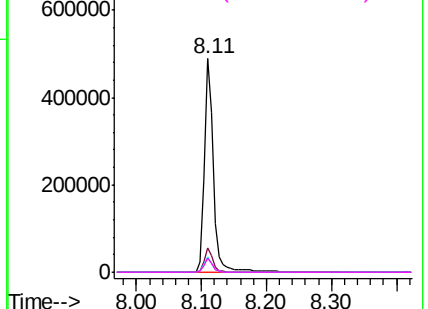
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF116190.D
Acq: 12 Aug 2019 14:28

Instrument :
BNA_F
ClientSampleId :
AU-05-080719-B

Tgt Ion:	136	Resp:	470655
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.2	5.8	8.6
68	6.4	5.2	7.8

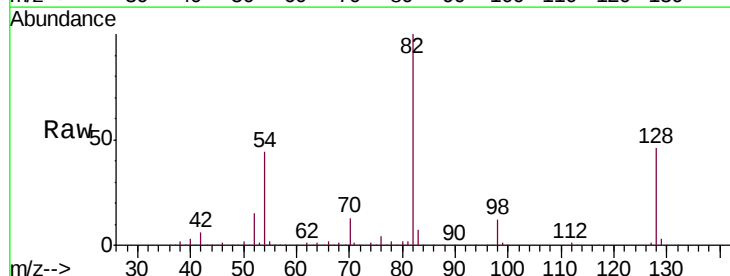


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

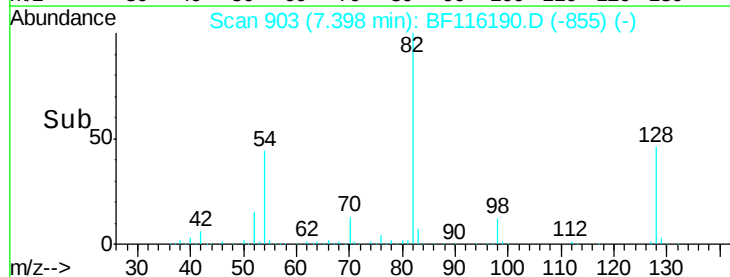
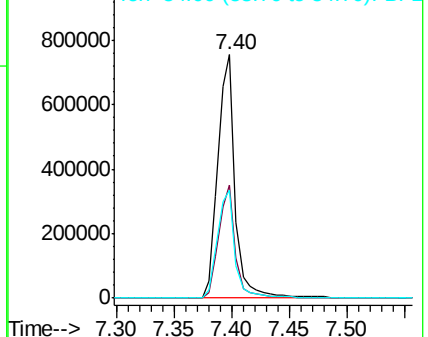


#23
Nitrobenzene-d5
Concen: 96.601 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116190.D
Acq: 12 Aug 2019 14:28

Tgt Ion:	82	Resp:	787656
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.5	54.7
54	44.4	36.0	54.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.519 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116190.D

Acq: 12 Aug 2019 14:28

Instrument :

BNA_F

ClientSampleId :

AU-05-080719-B

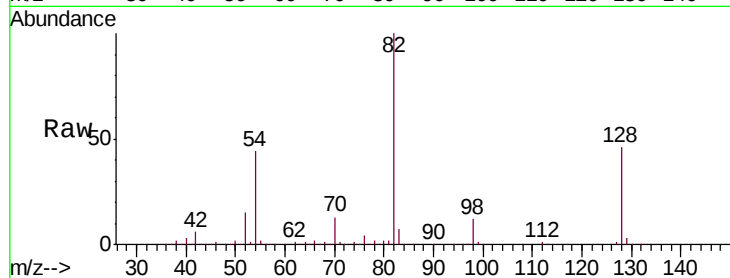
Tgt Ion: 82 Resp: 787647

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

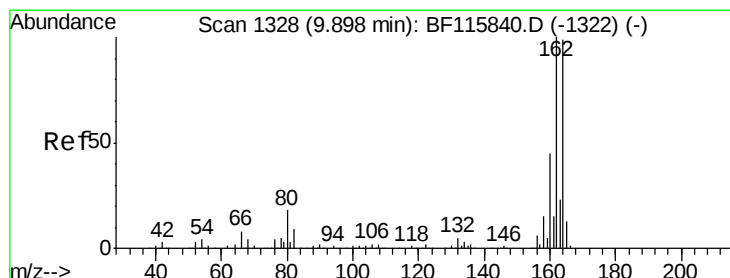
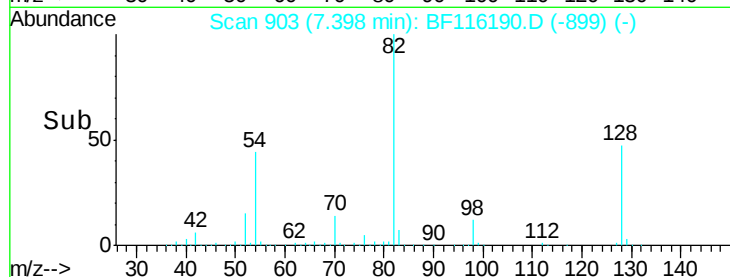
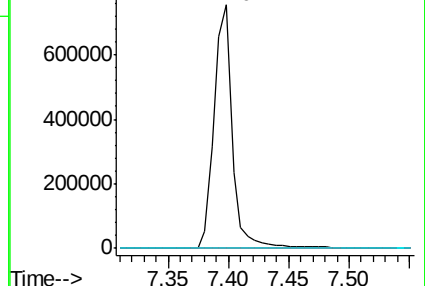
138 0.0 14.5 21.7#



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116190.D

Acq: 12 Aug 2019 14:28

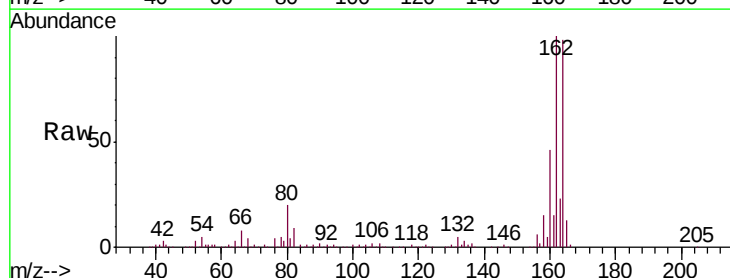
Tgt Ion: 164 Resp: 254743

Ion Ratio Lower Upper

164 100

162 102.1 82.6 124.0

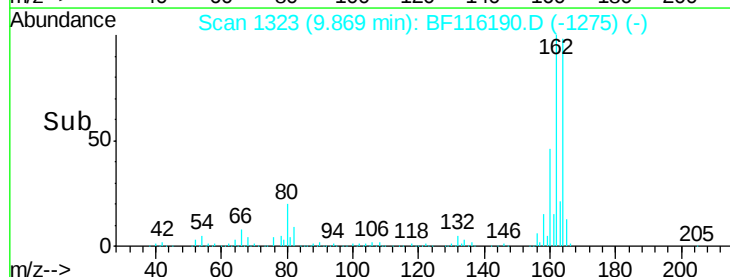
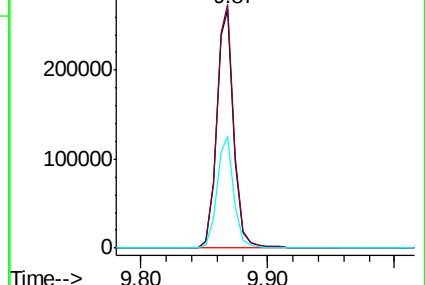
160 46.7 37.6 56.4

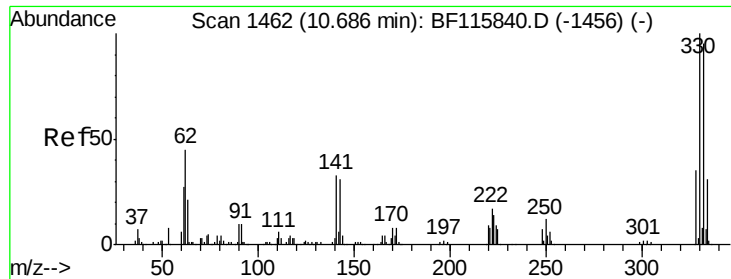


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

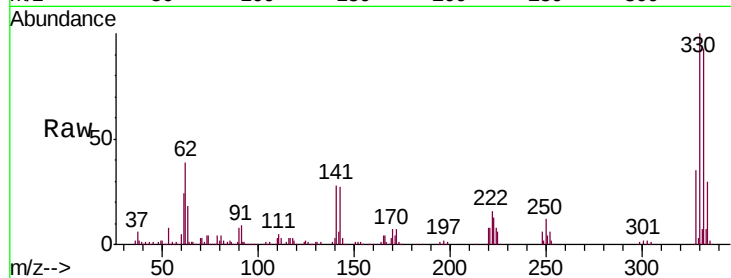




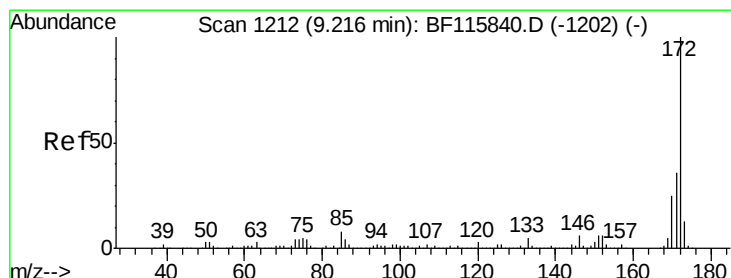
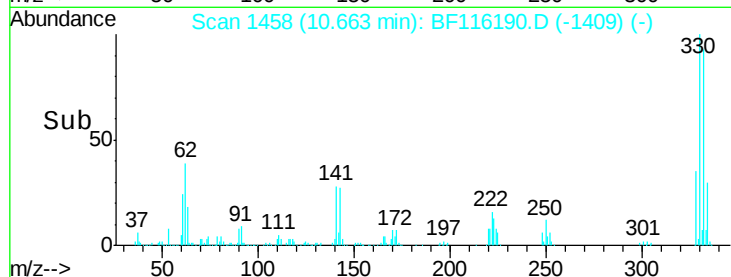
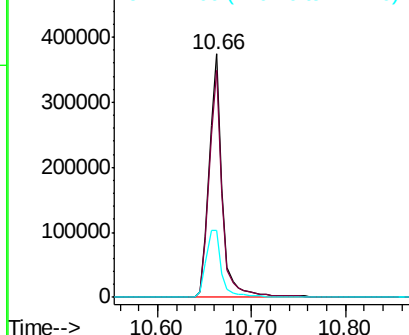
#42
 2,4,6-Tribromophenol
 Concen: 150.605 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116190.D
 Acq: 12 Aug 2019 14:28

Instrument :
 BNA_F
 ClientSampleId :
 AU-05-080719-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.8	115.2
141	32.9	26.3	39.5

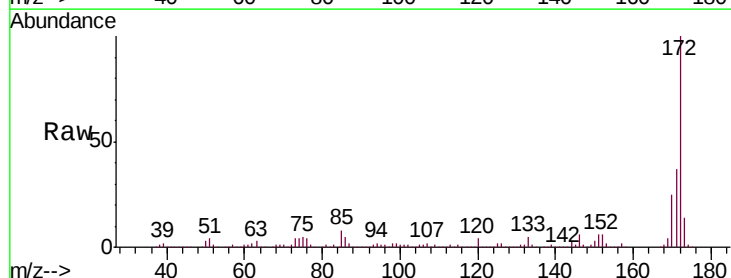


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

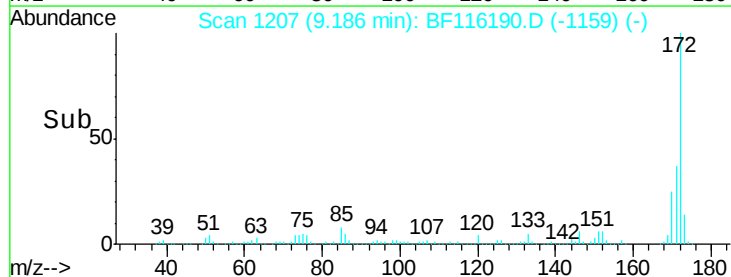
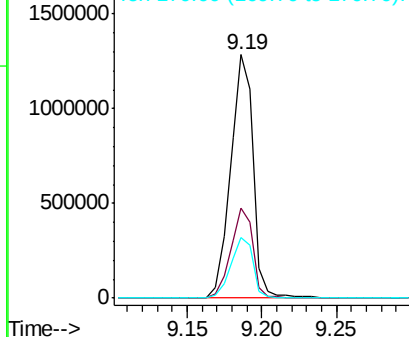


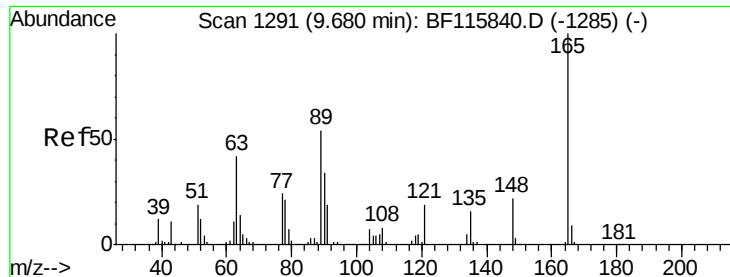
#45
 2-Fluorobiphenyl
 Concen: 100.552 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116190.D
 Acq: 12 Aug 2019 14:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	25.1	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

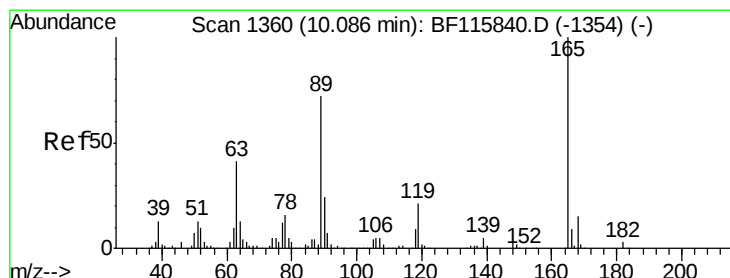
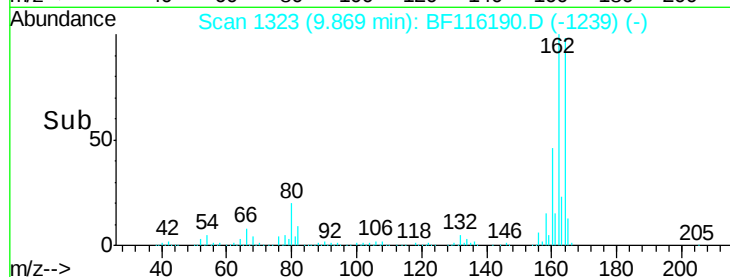
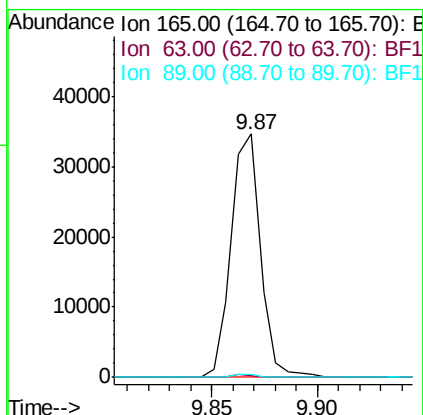
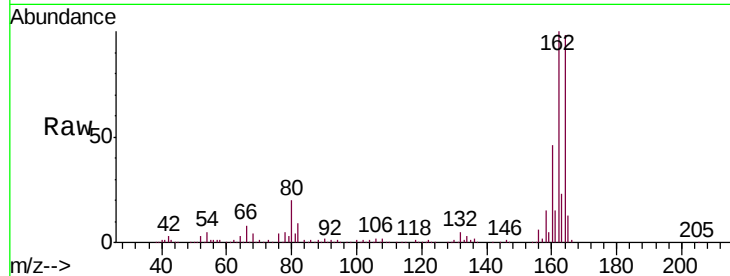




#51
 2,6-Dinitrotoluene
 Concen: 8.811 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116190.D
 Acq: 12 Aug 2019 14:28

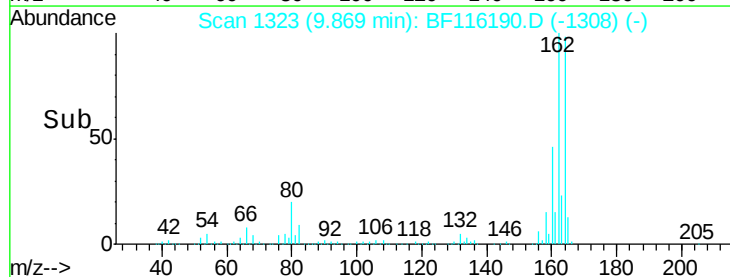
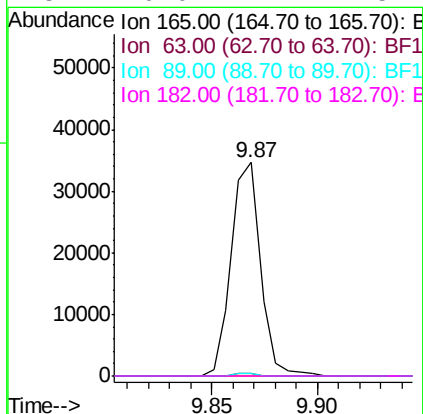
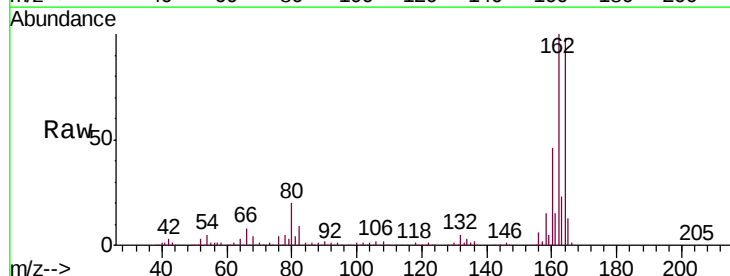
Instrument :
 BNA_F
 ClientSampleId :
 AU-05-080719-B

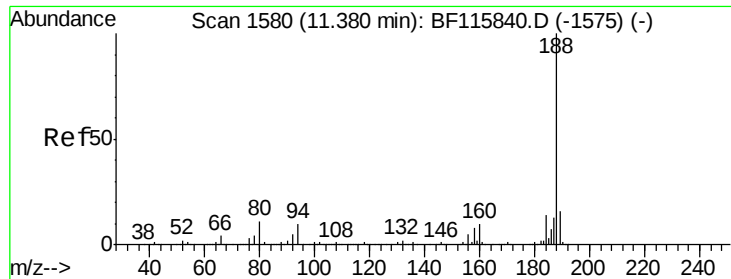
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	38.2	57.2#
89	1.1	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.618 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116190.D
 Acq: 12 Aug 2019 14:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.6	59.4#
89	1.1	62.2	93.2#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116190.D

Acq: 12 Aug 2019 14:28

Instrument :

BNA_F

ClientSampleId :

AU-05-080719-B

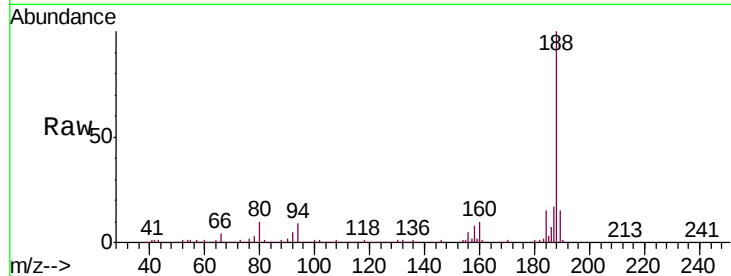
Tgt Ion:188 Resp: 474652

Ion Ratio Lower Upper

188 100

94 9.2 8.1 12.1

80 10.0 8.7 13.1

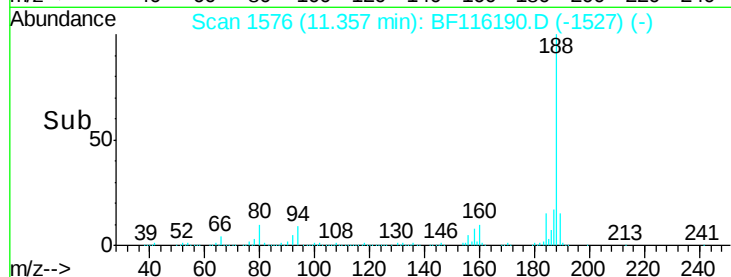


Abundance Ion 188.00 (187.70 to 188.70): E

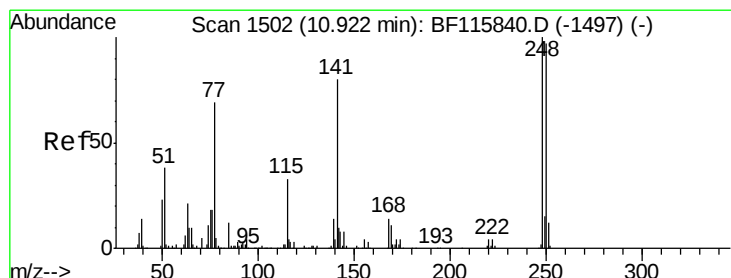
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time--> 11.30 11.35 11.40



Time--> 11.30 11.35 11.40



#67

4-Bromophenyl-phenylether

Concen: 4.411 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF116190.D

Acq: 12 Aug 2019 14:28

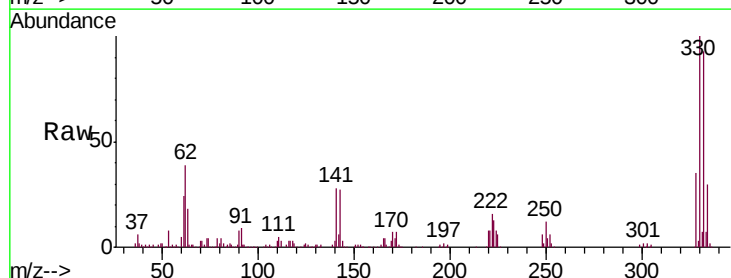
Tgt Ion:248 Resp: 22415

Ion Ratio Lower Upper

248 100

250 200.7 77.4 116.2#

141 470.5 56.8 85.2#

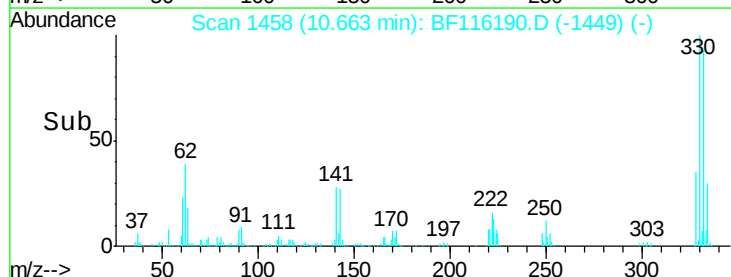


Abundance Ion 248.00 (247.70 to 248.70): E

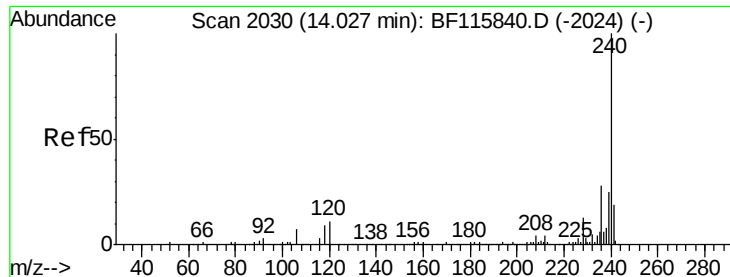
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time--> 10.60 10.65 10.70



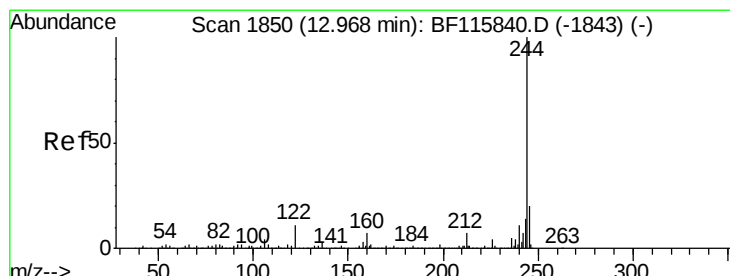
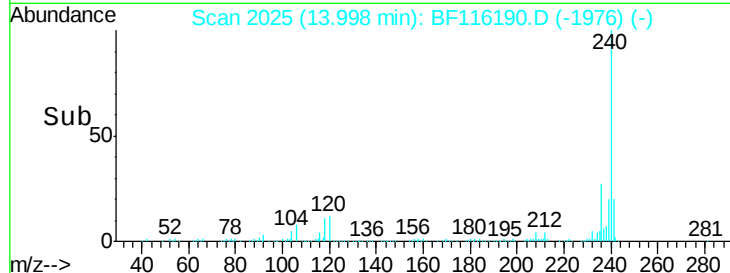
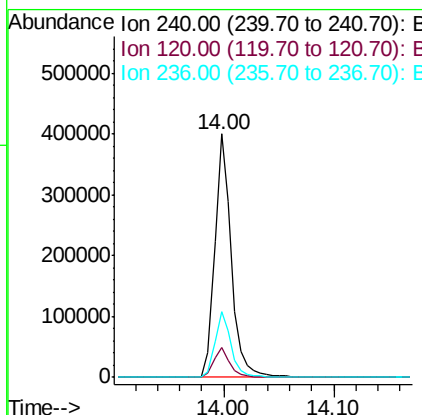
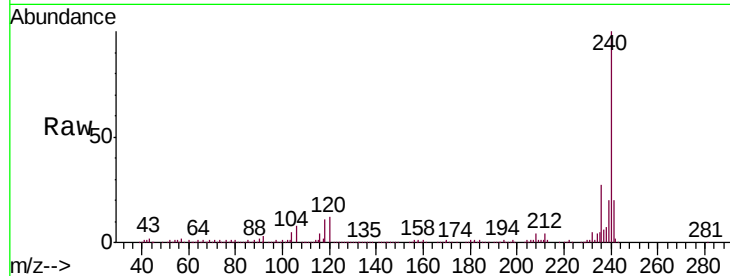
Time--> 10.60 10.65 10.70



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116190.D
Acq: 12 Aug 2019 14:28

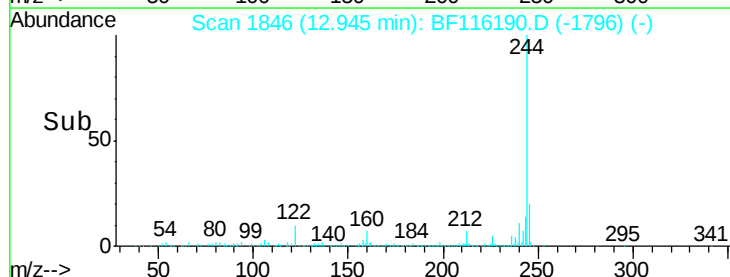
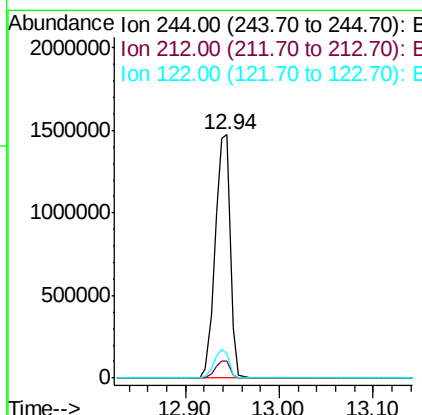
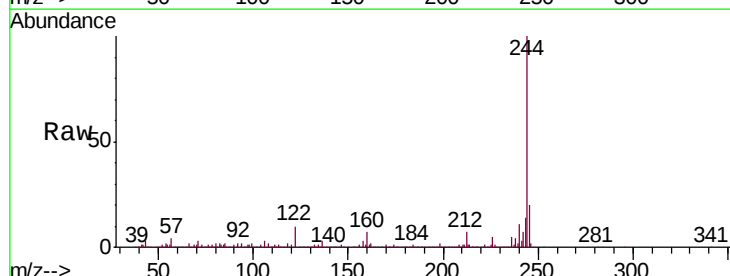
Instrument :
BNA_F
ClientSampleId :
AU-05-080719-B

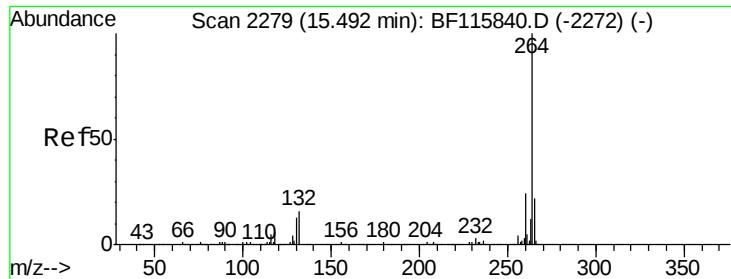
Tgt Ion:240 Resp: 410028
Ion Ratio Lower Upper
240 100
120 12.5 10.7 16.1
236 27.1 22.2 33.2



#79
Terphenyl-d14
Concen: 85.911 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116190.D
Acq: 12 Aug 2019 14:28

Tgt Ion:244 Resp: 1671730
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.4 9.0 13.4

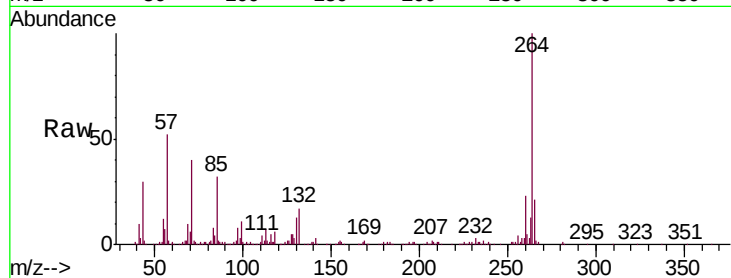




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116190.D
Acq: 12 Aug 2019 14:28

Instrument :
BNA_F
ClientSampleId :
AU-05-080719-B

Tgt Ion: 264 Resp: 378232
Ion Ratio Lower Upper
264 100
260 23.5 19.7 29.5
265 20.9 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

