

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116120.D
 Acq On : 9 Aug 2019 18:51
 Operator : HP/JU
 Sample : K4219-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 04:34:58 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

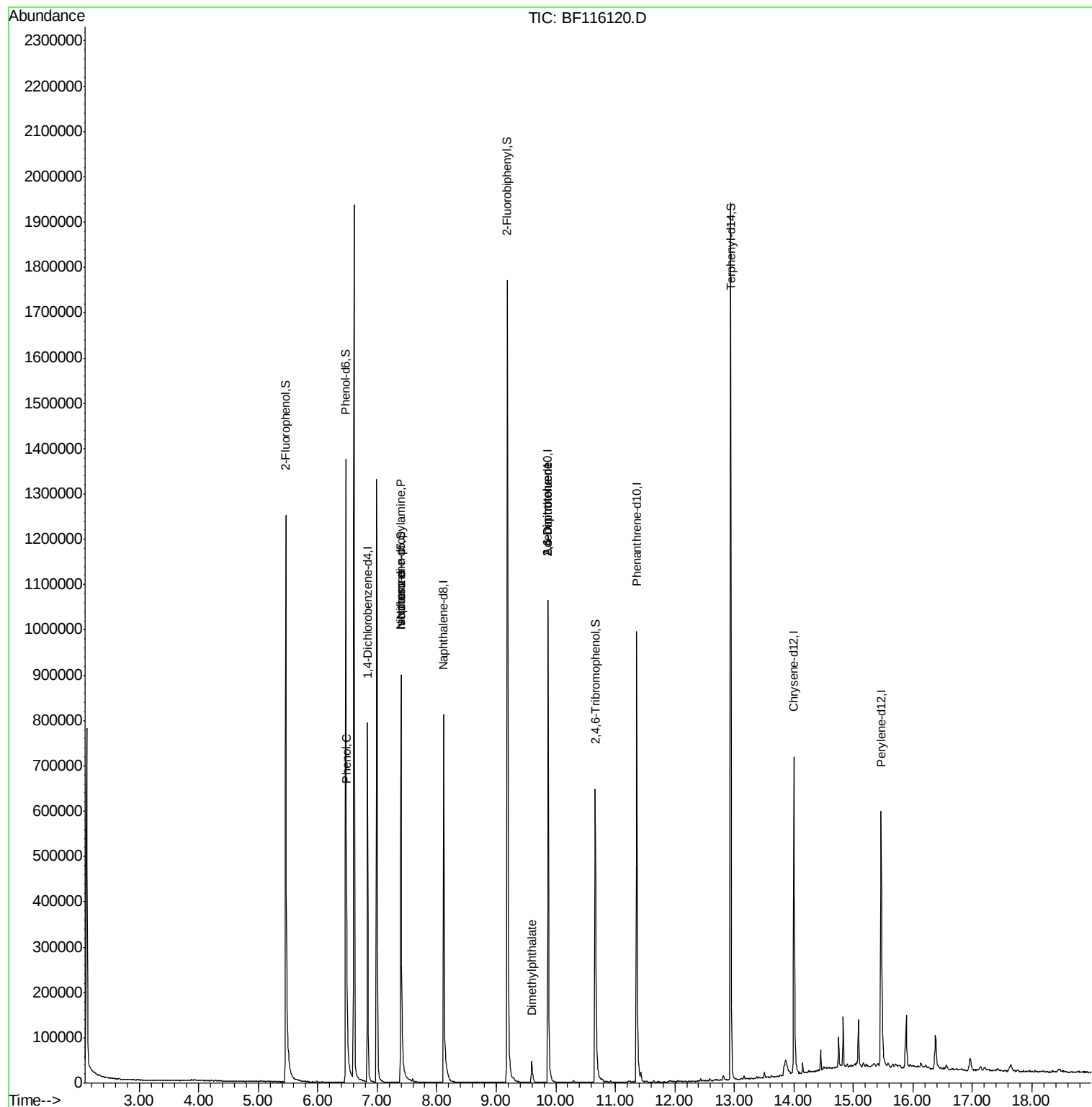
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	126757	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	504159	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	263609	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	452166	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	298321	20.00	ng	0.00
87) Perylene-d12	15.47	264	301488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	457608	60.44	ng	0.00
7) Phenol-d6	6.47	99	628995	65.84	ng	-0.02
23) Nitrobenzene-d5	7.40	82	385357	44.12	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	118390	46.32	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	699691	49.72	ng	-0.01
79) Terphenyl-d14	12.94	244	724819	51.20	ng	-0.01
Target Compounds						
10) Phenol	6.49	94	45318	4.028	ng	90
19) n-Nitroso-di-n-propylamine	7.40	70	50477	8.527	ng	# 81
25) Isophorone	7.40	82	385355	23.074	ng	# 65
50) Dimethylphthalate	9.60	163	40586	2.261	ng	99
51) 2,6-Dinitrotoluene	9.87	165	33134	8.495	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	33247	6.402	ng	# 20

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

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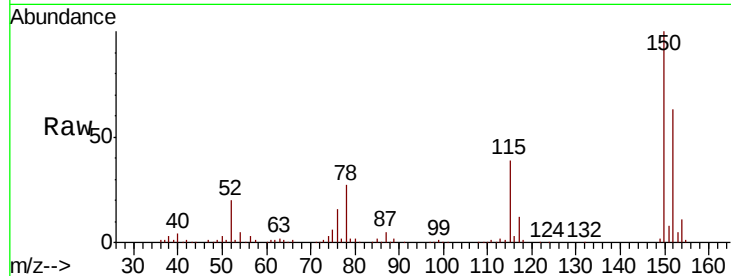


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116120.D
 Acq: 9 Aug 2019 18:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	61.4	49.9	74.9

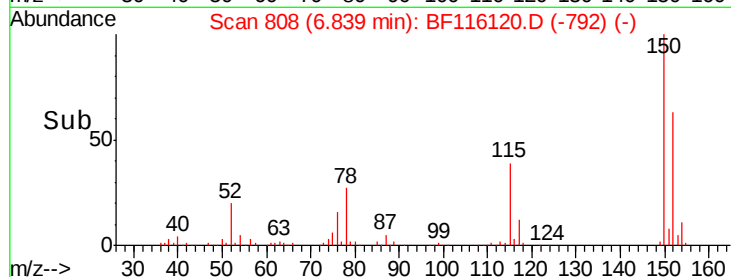
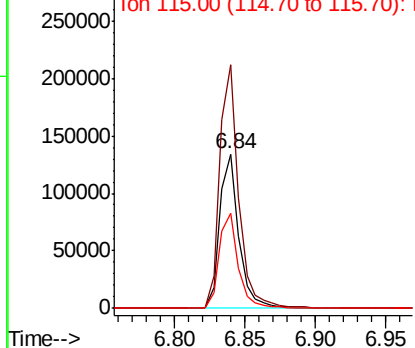


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

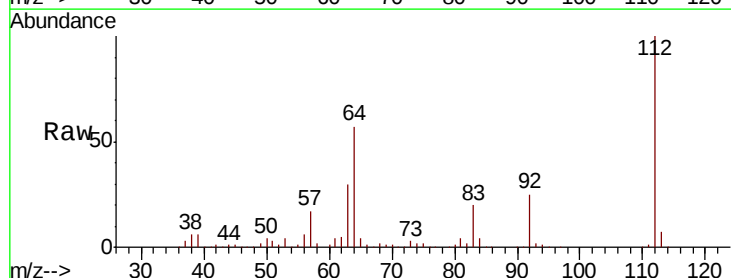
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 60.436 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF116120.D
 Acq: 9 Aug 2019 18:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.4	68.2
63	29.8	23.7	35.5

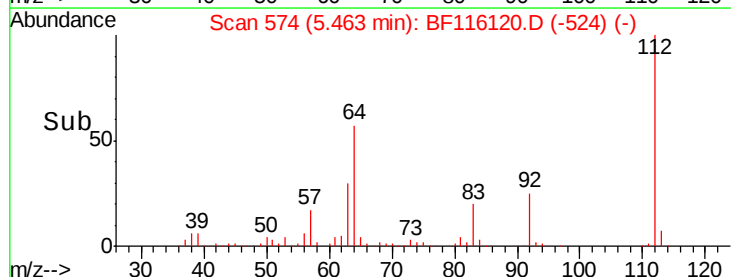
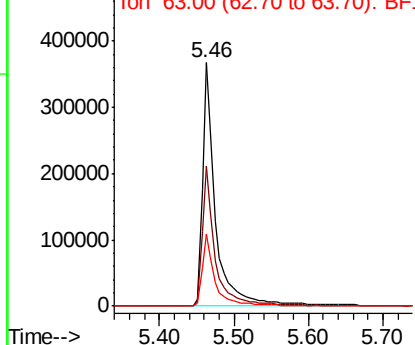


Abundance

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: 65.841 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116120.D

Acq: 9 Aug 2019 18:51

Instrument :

BNA_F

ClientSampleId :

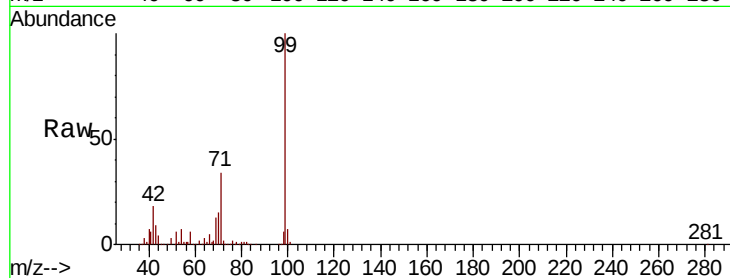
Tot Ion: 99 Resp: 628995

Ion Ratio Lower Upper

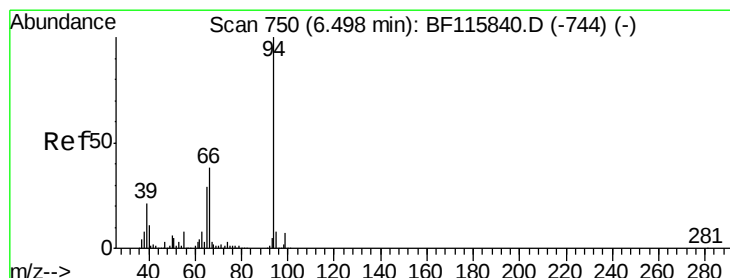
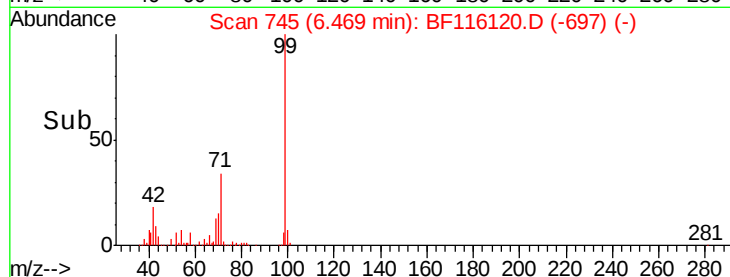
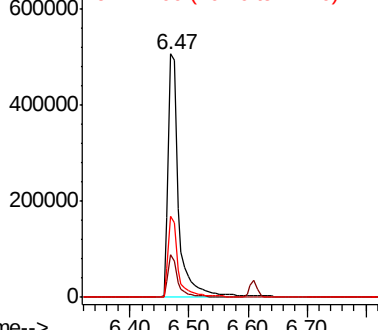
99 100

42 17.5 13.8 20.8

71 33.5 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



#10

Phenol

Concen: 4.028 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF116120.D

Acq: 9 Aug 2019 18:51

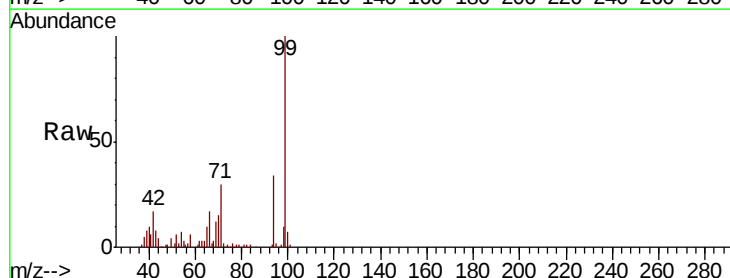
Tgt Ion: 94 Resp: 45318

Ion Ratio Lower Upper

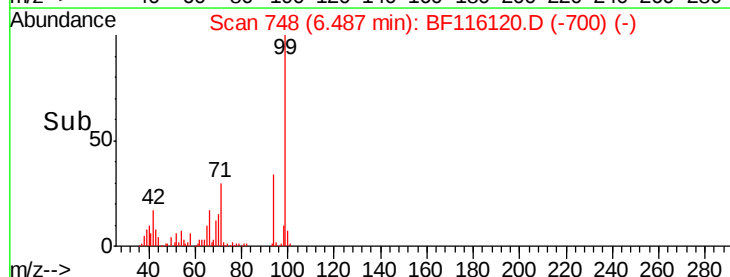
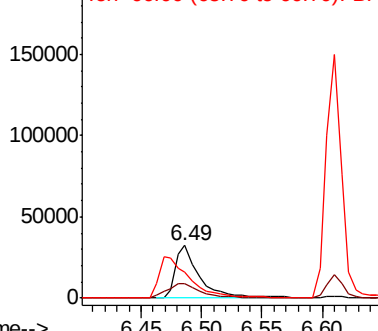
94 100

65 28.5 16.8 56.8

66 48.7 34.2 74.2



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

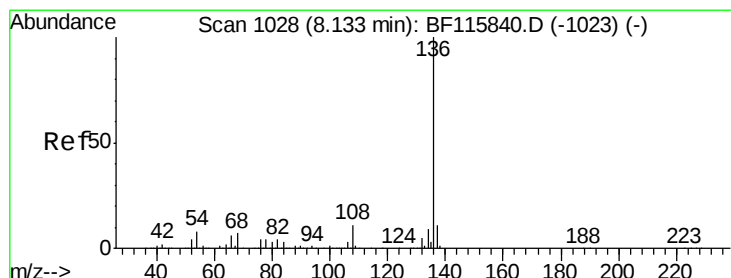
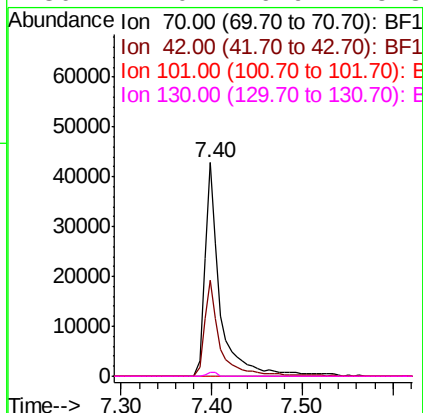
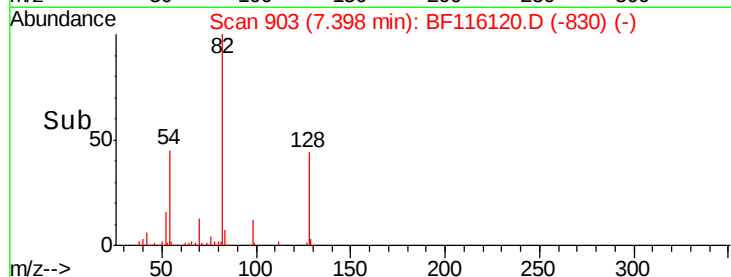
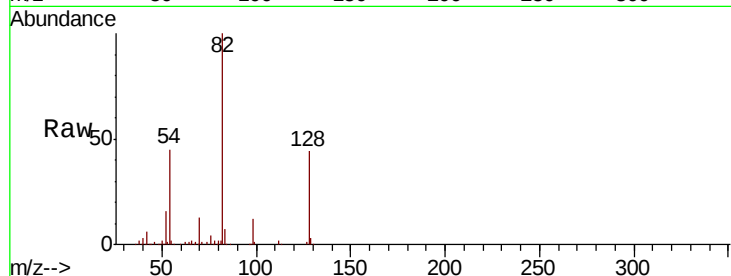




#19
n-Nitroso-di-n-propylamine
Concen: 8.527 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF116120.D
Acq: 9 Aug 2019 18:51

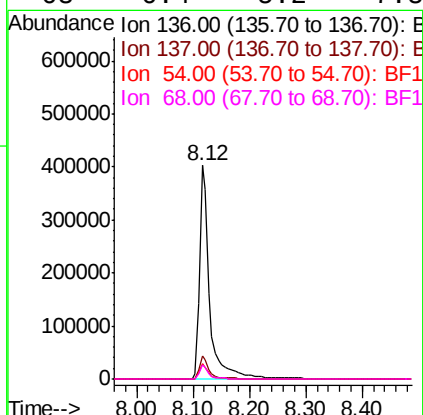
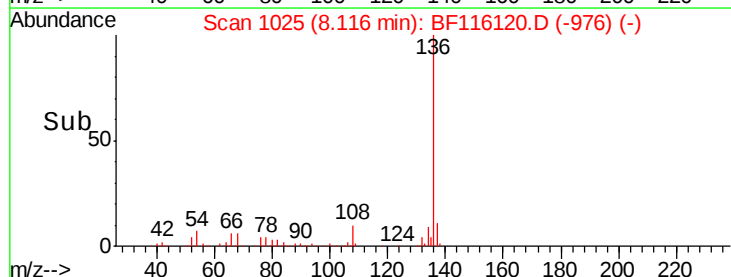
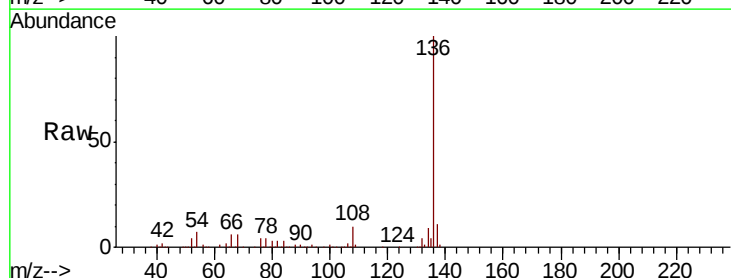
Instrument :
BNA_F
ClientSampleId :

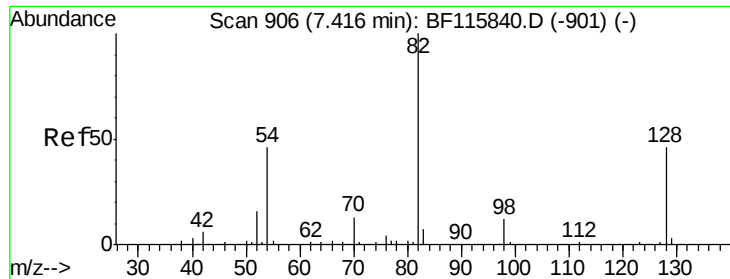
Tot Ion: 70 Resp: 50477
Ion Ratio Lower Upper
70 100
42 45.0 40.9 61.3
101 0.0 7.9 11.9#
130 2.0 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116120.D
Acq: 9 Aug 2019 18:51

Tgt Ion: 136 Resp: 504159
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.3 5.8 8.6
68 6.4 5.2 7.8

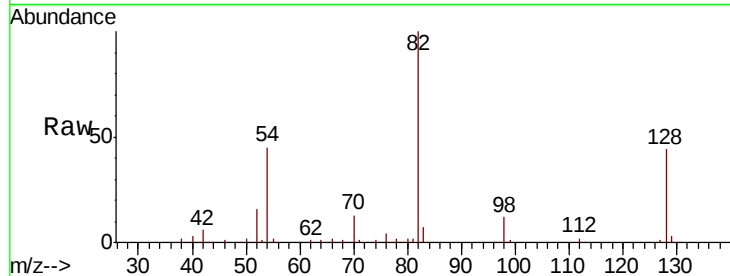




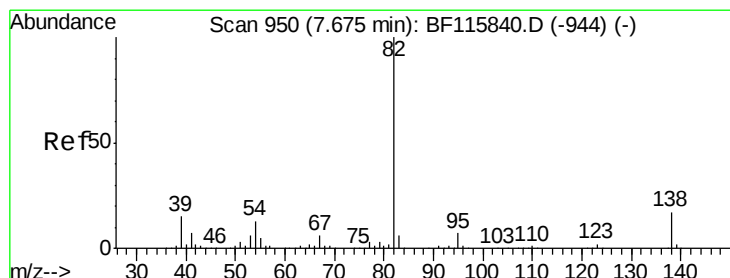
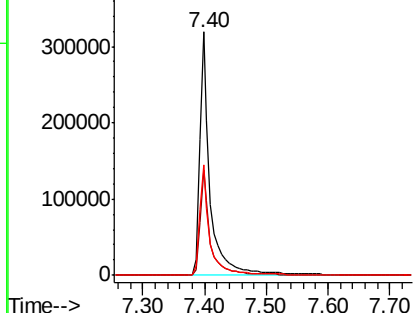
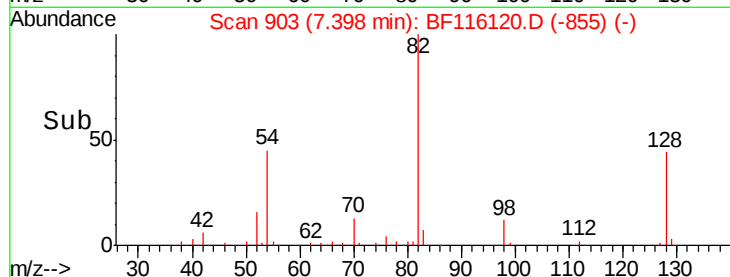
#23
Nitrobenzene-d5
Concen: 44.121 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116120.D
Acq: 9 Aug 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	385357
Ion Ratio	100	Lower	Upper
128	43.5	36.5	54.7
54	45.3	36.0	54.0

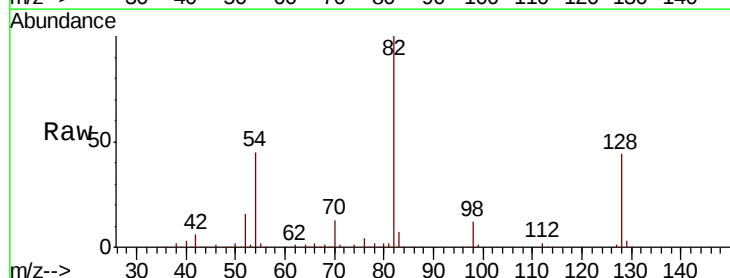


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

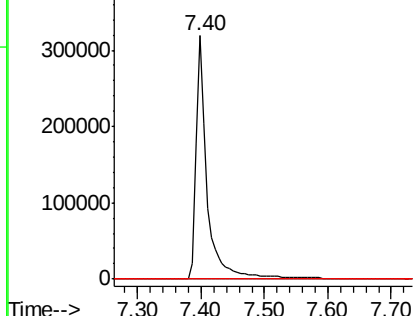
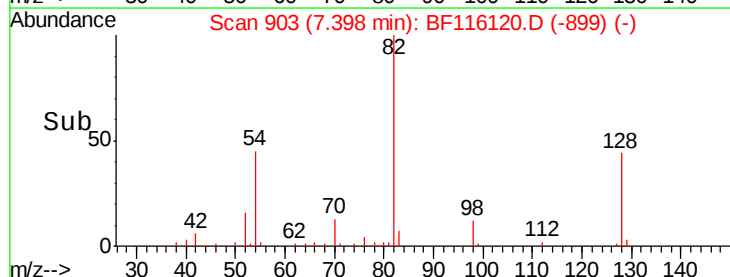


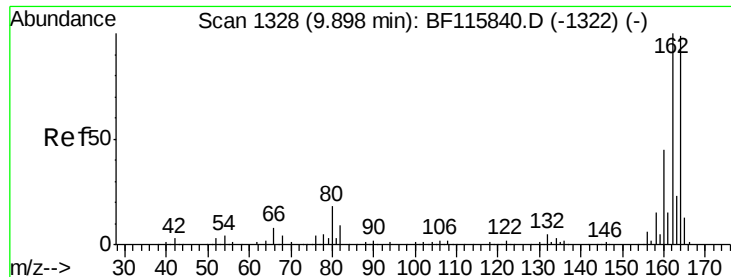
#25
Isophorone
Concen: 23.074 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF116120.D
Acq: 9 Aug 2019 18:51

Tgt Ion	82	Resp	385355
Ion Ratio	100	Lower	Upper
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

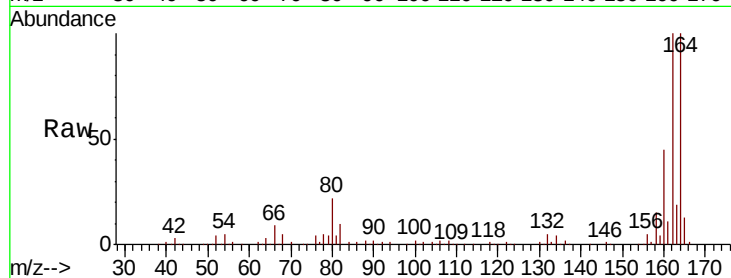




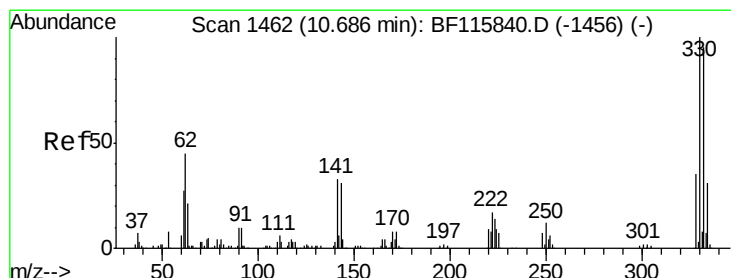
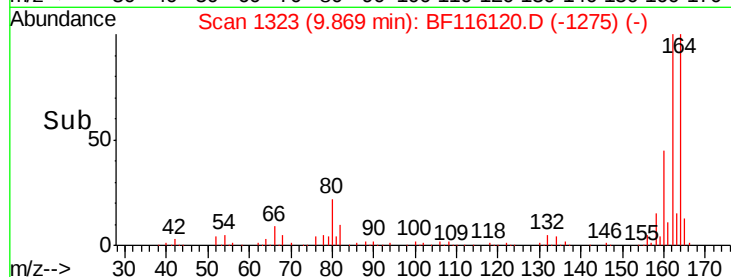
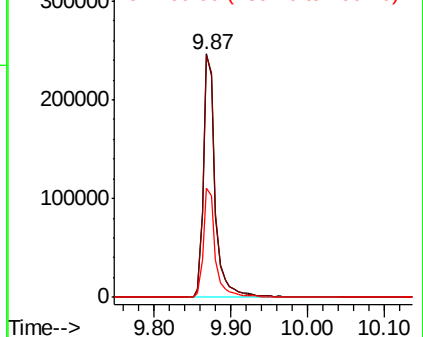
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116120.D
Acq: 9 Aug 2019 18:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 263609
Ion Ratio Lower Upper
164 100
162 99.6 82.6 124.0
160 44.8 37.6 56.4

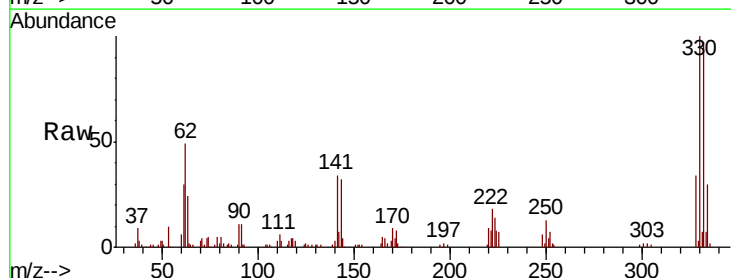


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

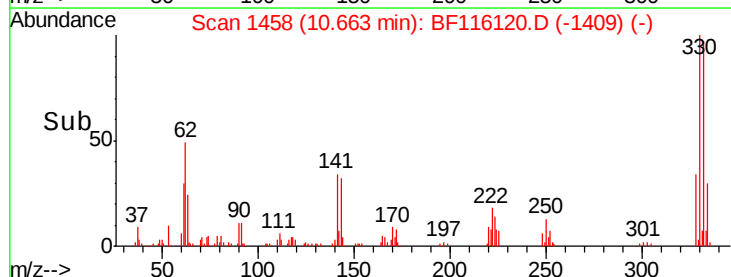
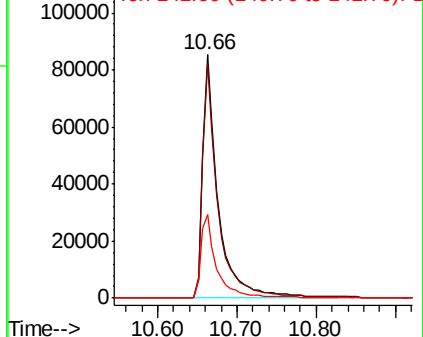


#42
2,4,6-Tribromophenol
Concen: 46.323 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116120.D
Acq: 9 Aug 2019 18:51

Tgt Ion:330 Resp: 118390
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 35.0 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

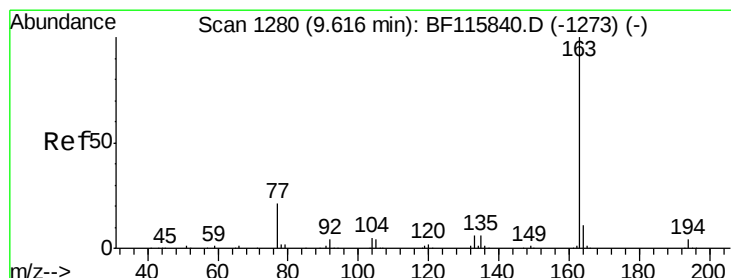
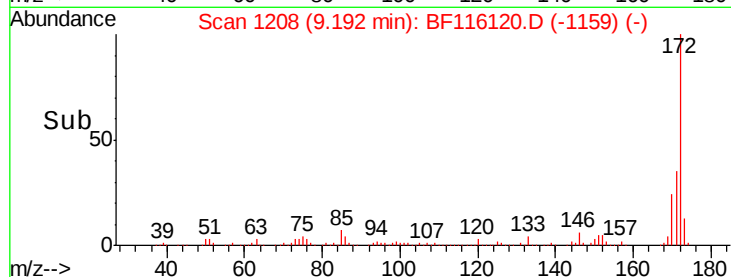
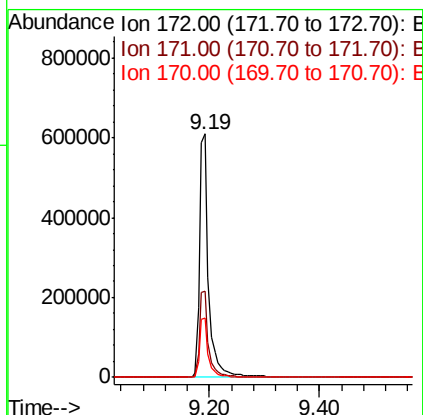
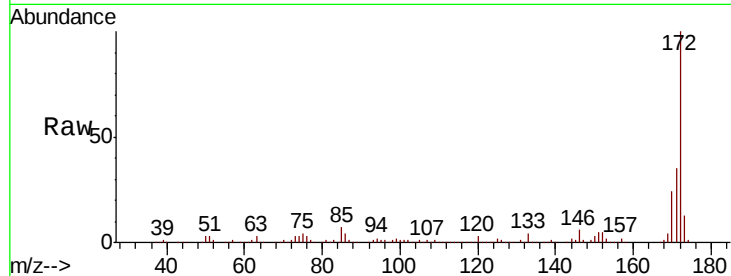




#45
2-Fluorobiphenyl
Concen: 49.717 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116120.D
Acq: 9 Aug 2019 18:51

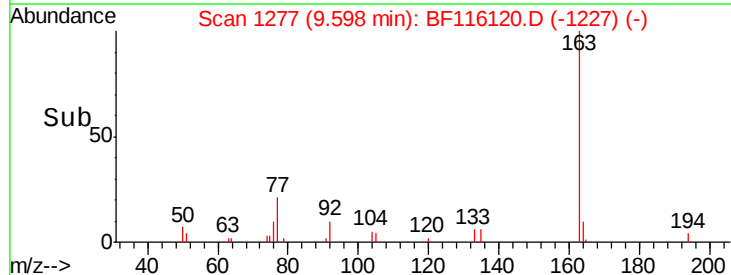
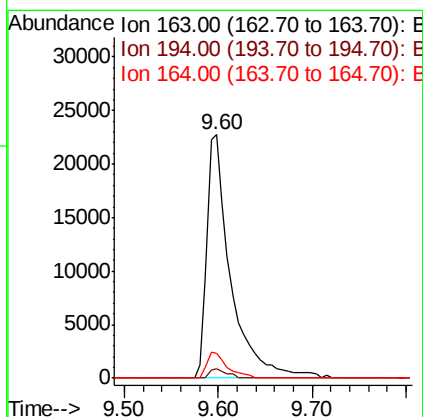
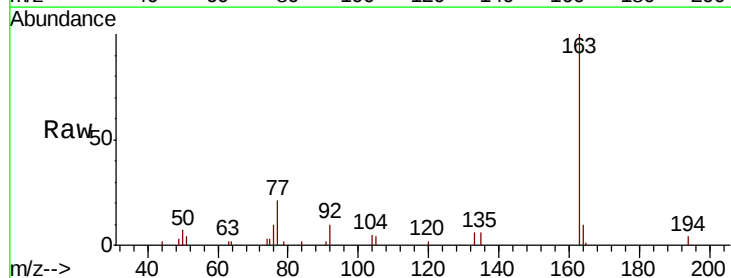
Instrument :
BNA_F
ClientSampleId :

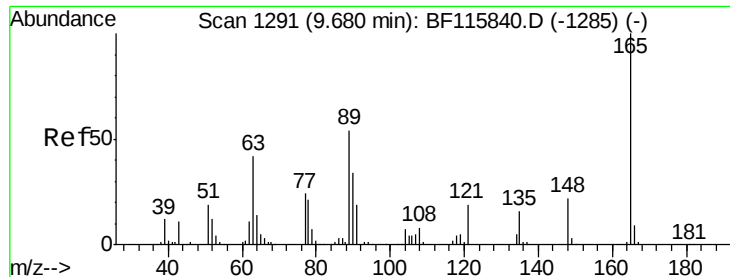
Tot Ion:172 Resp: 699691
Ion Ratio Lower Upper
172 100
171 35.3 29.6 44.4
170 24.3 20.1 30.1



#50
Dimethylphthalate
Concen: 2.261 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF116120.D
Acq: 9 Aug 2019 18:51

Tgt Ion:163 Resp: 40586
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.3 8.4 12.6

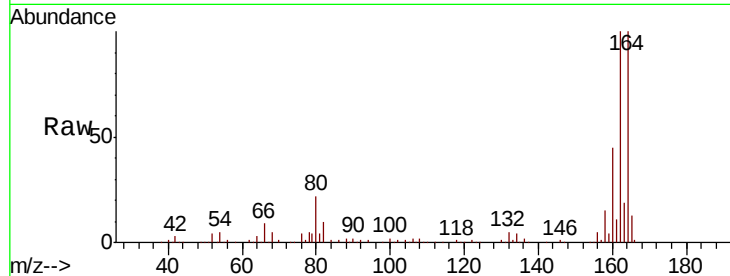




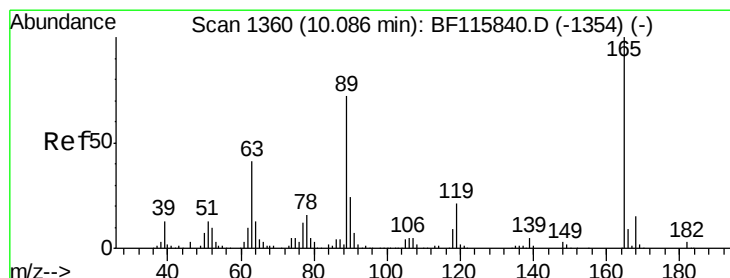
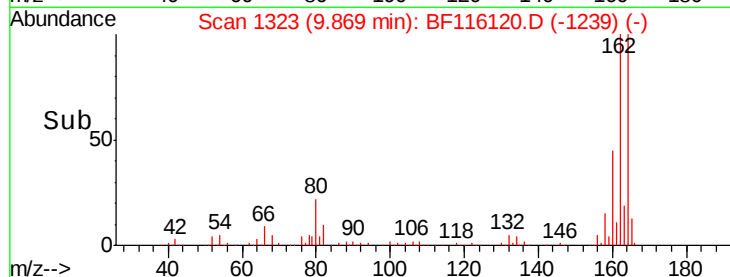
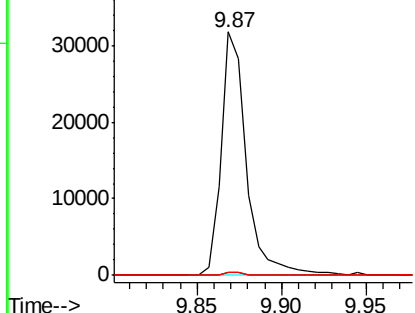
#51
 2,6-Dinitrotoluene
 Concen: 8.495 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116120.D
 Acq: 9 Aug 2019 18:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	38.2	57.2#
89	1.1	42.9	64.3#



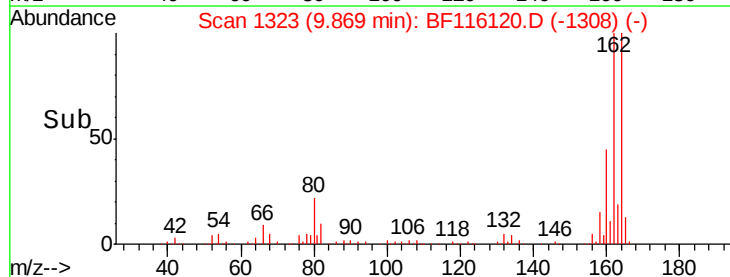
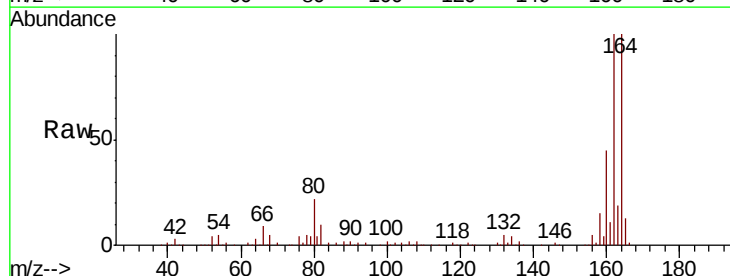
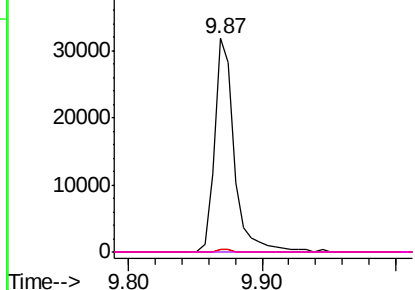
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

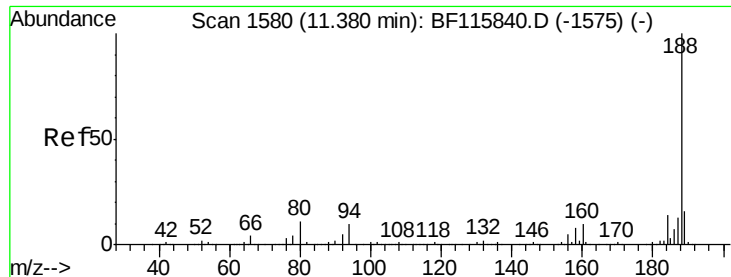


#57
 2,4-Dinitrotoluene
 Concen: 6.402 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116120.D
 Acq: 9 Aug 2019 18:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.6	59.4#
89	1.1	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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116120.D

Acq: 9 Aug 2019 18:51

Instrument :

BNA_F

ClientSampleId :

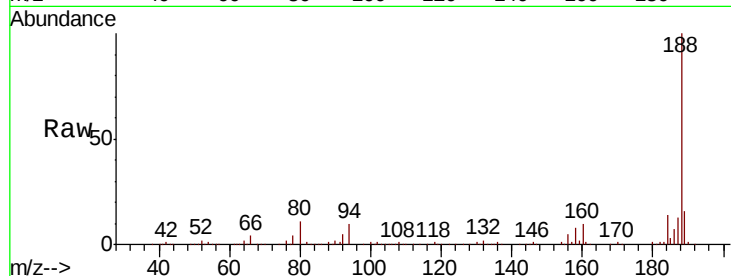
Tot Ion:188 Resp: 452166

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

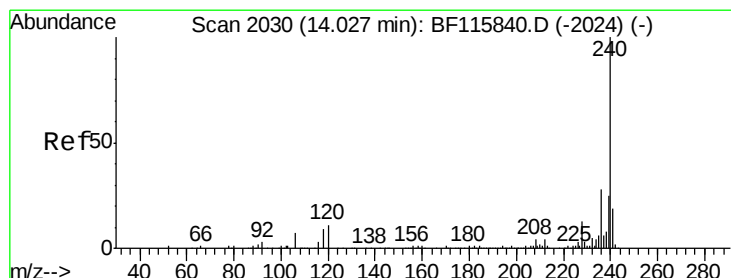
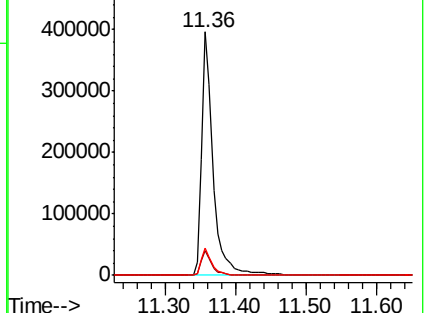
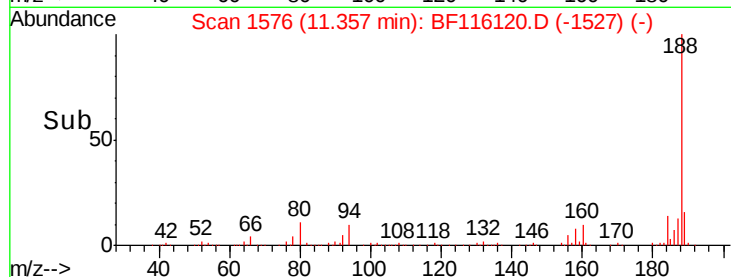
80 11.2 8.7 13.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116120.D

Acq: 9 Aug 2019 18:51

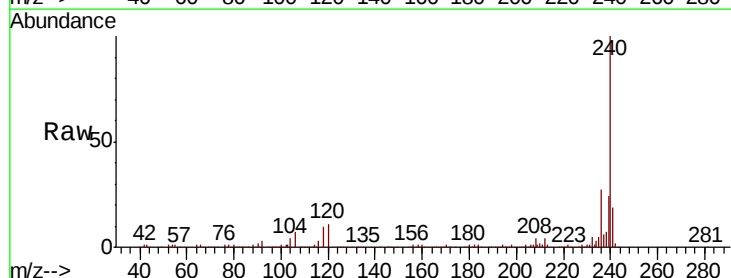
Tgt Ion:240 Resp: 298321

Ion Ratio Lower Upper

240 100

120 10.6 10.7 16.1#

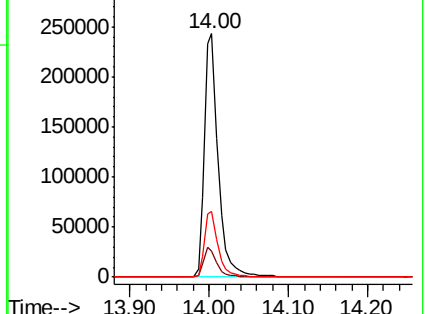
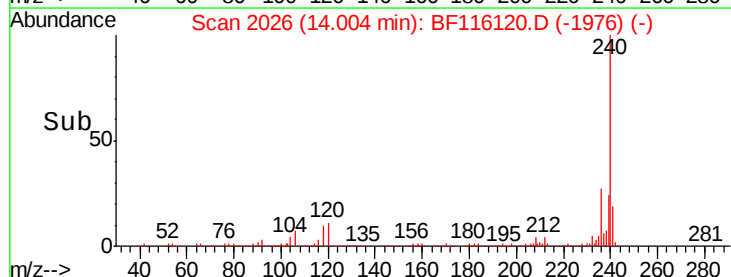
236 26.9 22.2 33.2

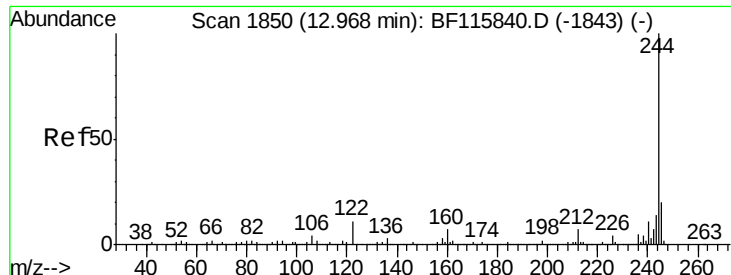


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

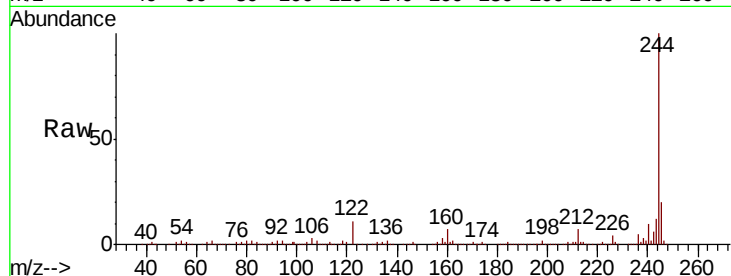




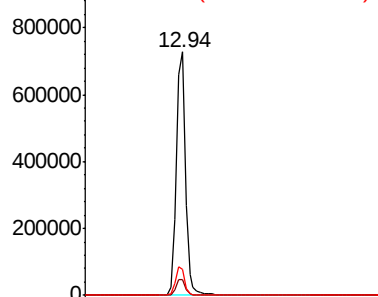
#79
 Terphenyl-d14
 Concen: 51.197 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116120.D
 Acq: 9 Aug 2019 18:51

Instrument :
 BNA_F
 ClientSampleId :

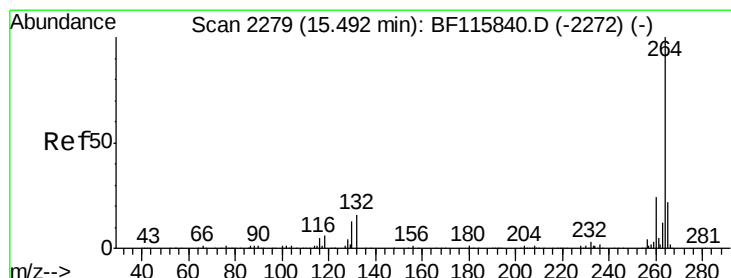
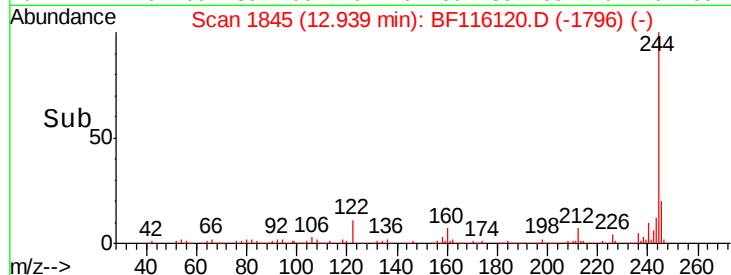
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	10.5	9.0	13.4



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

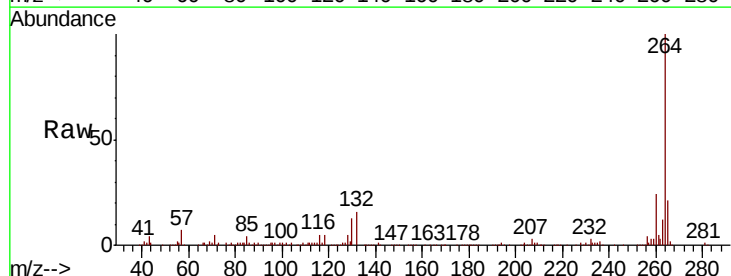


Time--> 12.80 13.00 13.20

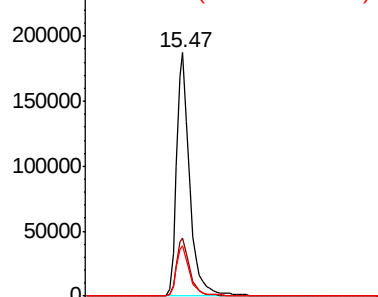


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116120.D
 Acq: 9 Aug 2019 18:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	20.7	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



Time--> 15.40 15.60

