

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116126.D
 Acq On : 9 Aug 2019 21:33
 Operator : HP/JU
 Sample : K3613-03 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 04:36:35 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

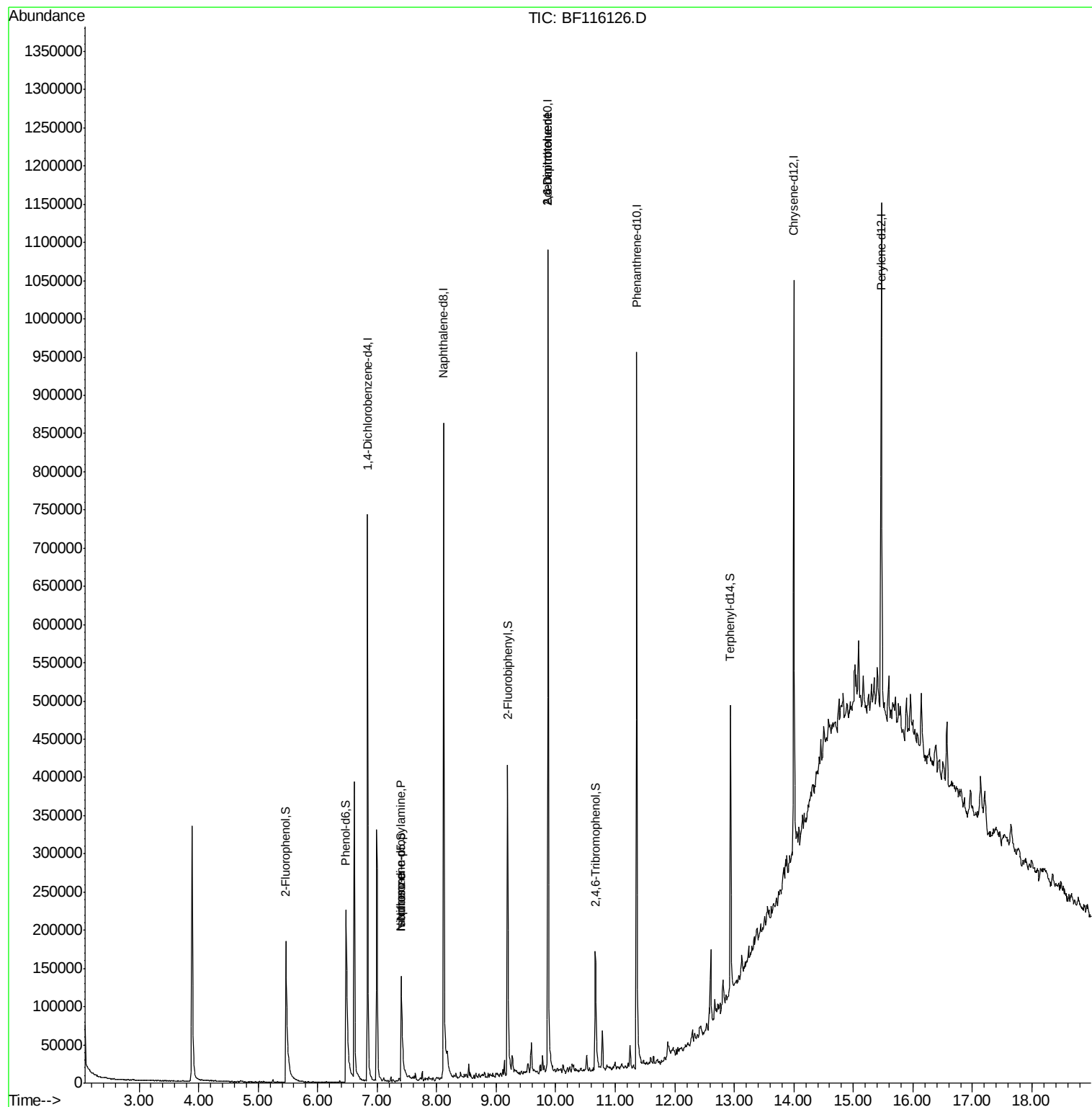
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	118073	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	469631	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	230881	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	365466	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	263342	20.00	ng	-0.01
87) Perylene-d12	15.47	264	321319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	109579	15.54	ng	0.00
7) Phenol-d6	6.47	99	156710	17.61	ng	-0.01
23) Nitrobenzene-d5	7.40	82	97384	11.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	29173	13.03	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	170247	13.81	ng	-0.01
79) Terphenyl-d14	12.94	244	140736	11.26	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	12731	2.309	ng	# 80
25) Isophorone	7.40	82	97384	6.260	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	30009	8.784	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	30164	6.632	ng	# 20

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

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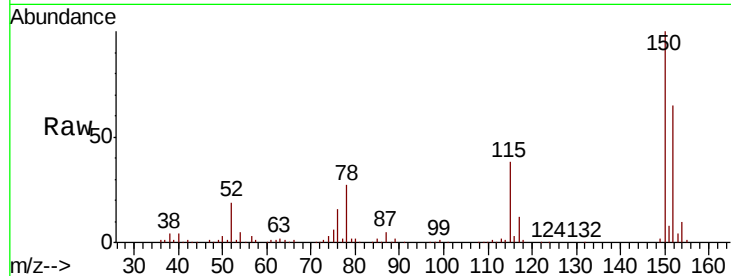


#1

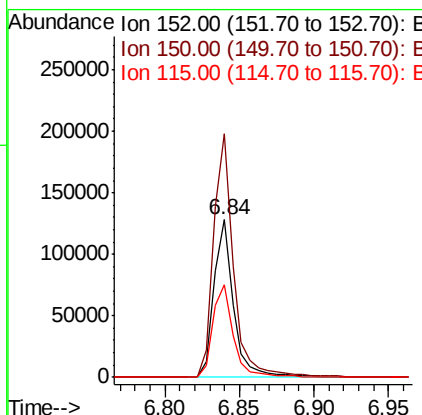
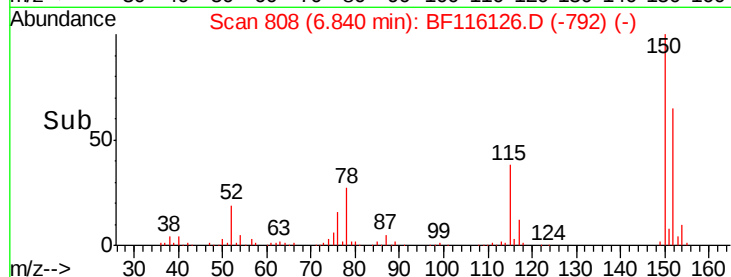
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116126.D
Acq: 9 Aug 2019 21:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118073
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 59.0 49.9 74.9



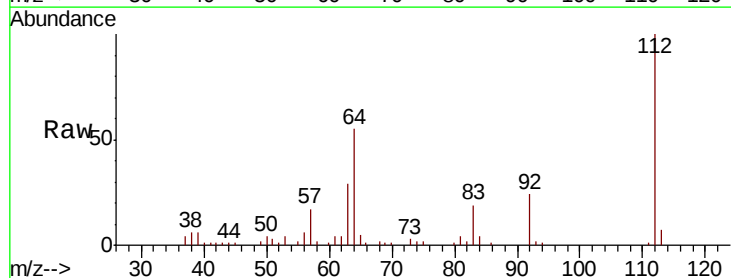
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



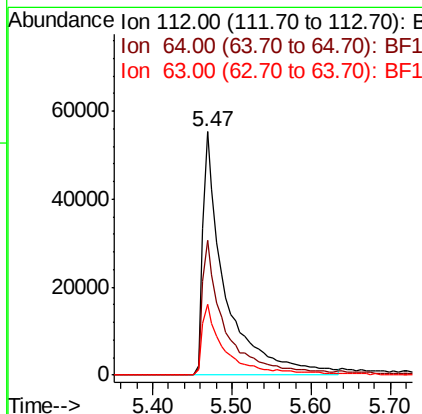
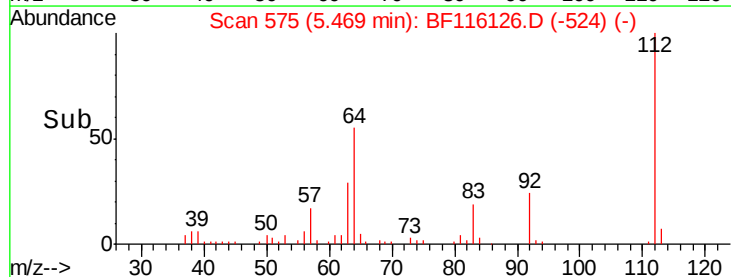
#5

2-Fluorophenol
Concen: 15.536 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF116126.D
Acq: 9 Aug 2019 21:33

Tgt Ion:112 Resp: 109579
Ion Ratio Lower Upper
112 100
64 55.4 45.4 68.2
63 29.0 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: 17.610 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116126.D

Acq: 9 Aug 2019 21:33

Instrument :

BNA_F

ClientSampled :

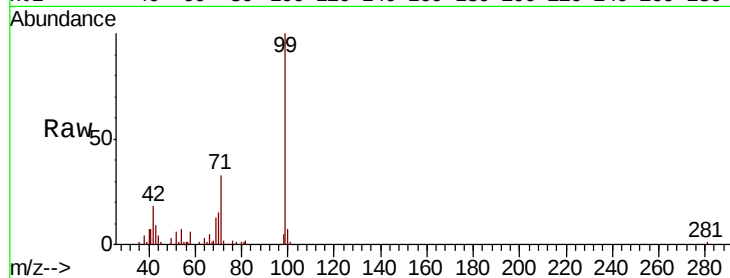
Tot Ion: 99 Resp: 156710

Ion Ratio Lower Upper

99 100

42 17.7 13.8 20.8

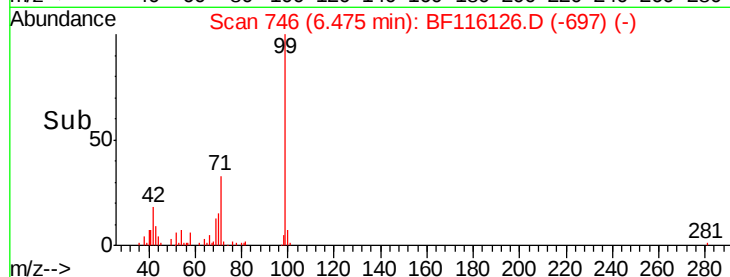
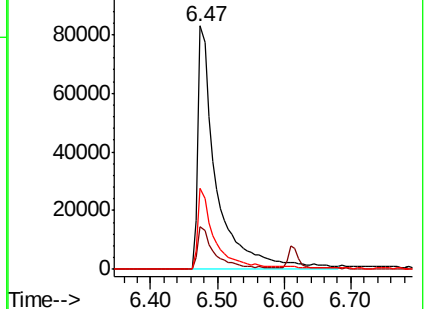
71 33.1 27.3 40.9



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: 2.309 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116126.D

Acq: 9 Aug 2019 21:33

Tgt Ion: 70 Resp: 12731

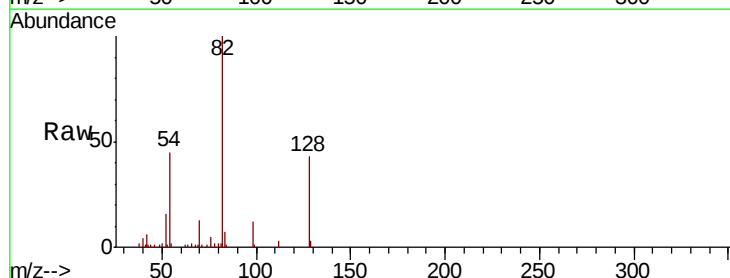
Ion Ratio Lower Upper

70 100

42 44.8 40.9 61.3

101 0.0 7.9 11.9#

130 0.0 16.9 25.3#

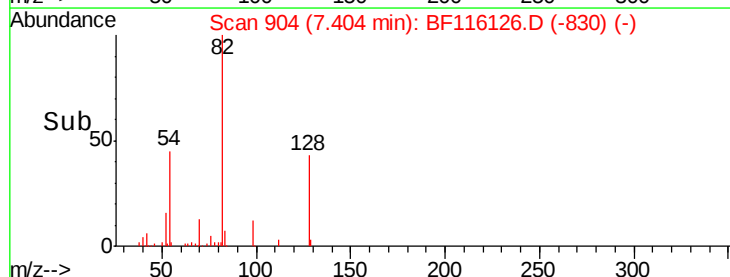
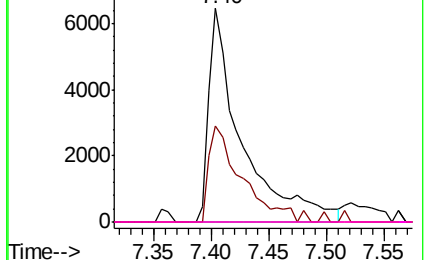


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

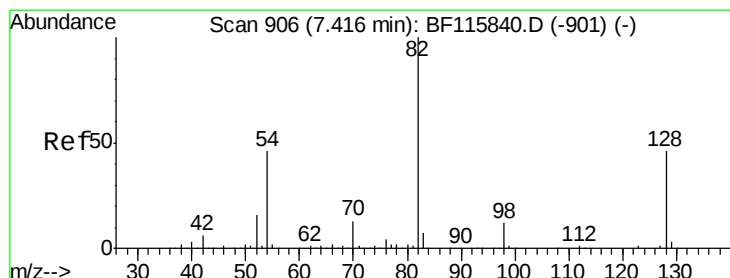
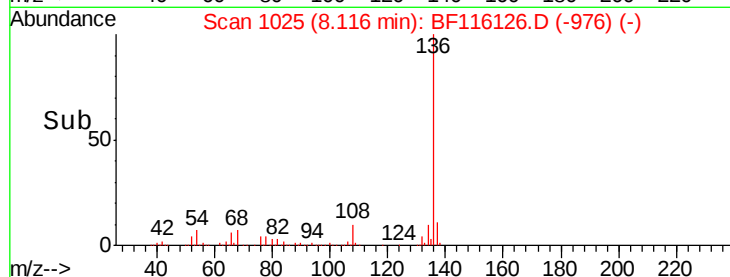
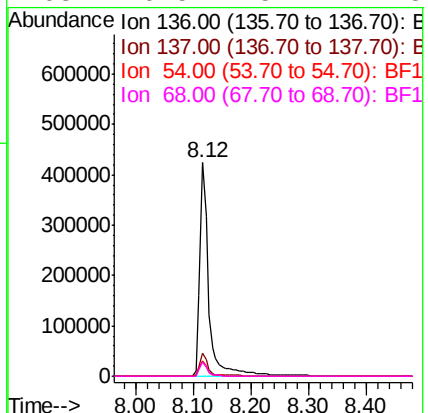
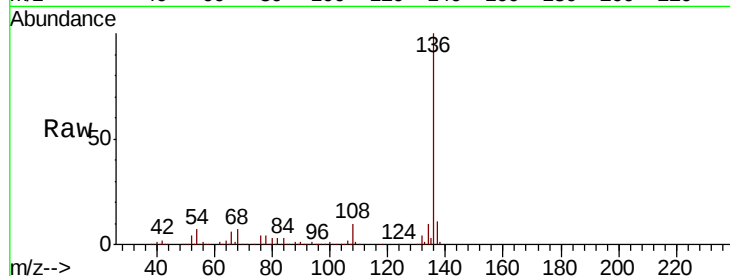




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116126.D
Acq: 9 Aug 2019 21:33

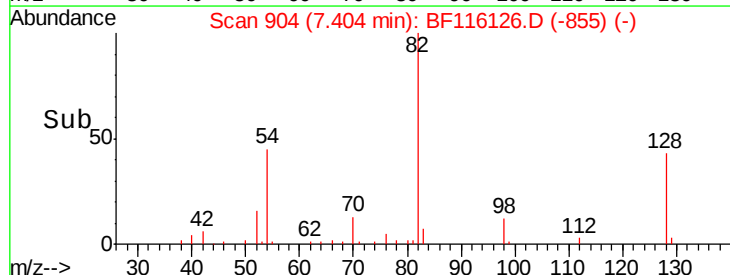
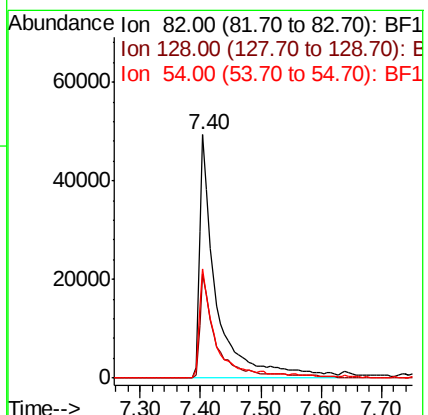
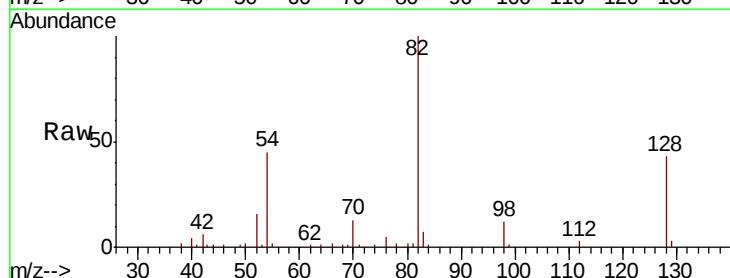
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	469631
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.0 13.4
54	7.2	5.8 8.6
68	6.5	5.2 7.8



#23
Nitrobenzene-d5
Concen: 11.970 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116126.D
Acq: 9 Aug 2019 21:33

Tgt Ion: 82	Resp:	97384
Ion	Ratio	Lower Upper
82	100	
128	42.9	36.5 54.7
54	44.8	36.0 54.0





#25

Isophorone

Concen: 6.260 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF116126.D

Acq: 9 Aug 2019 21:33

Instrument :

BNA_F

ClientSampleId :

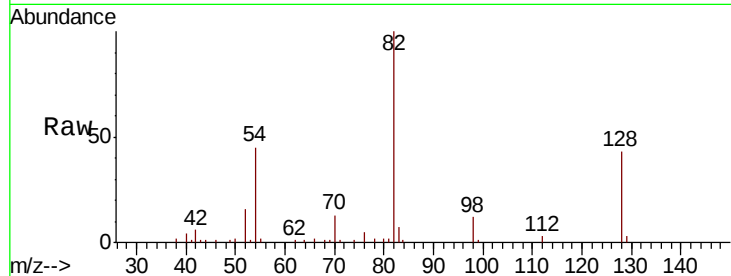
Tot Ion: 82 Resp: 97384

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

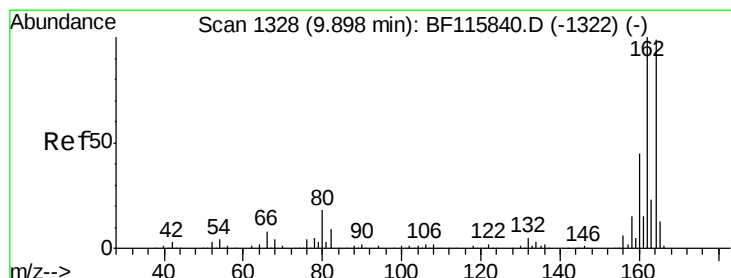
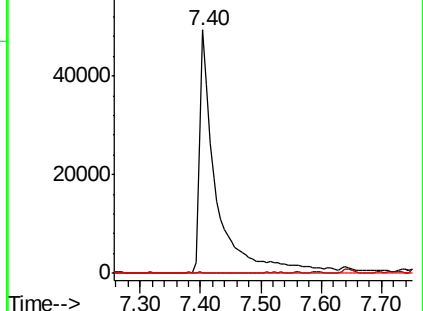
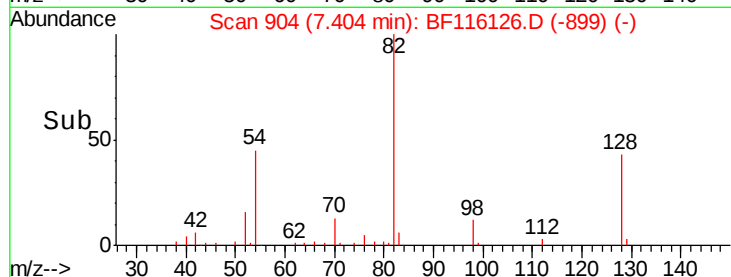
138 0.0 14.5 21.7#



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: BF116126.D

Acq: 9 Aug 2019 21:33

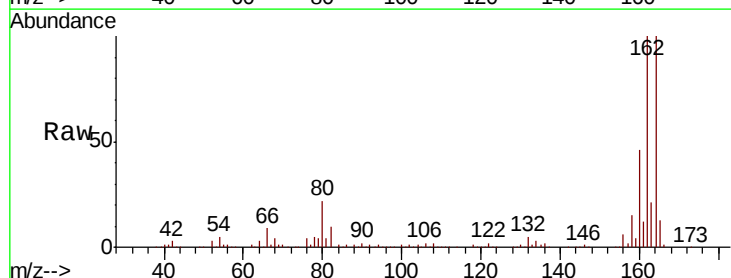
Tgt Ion:164 Resp: 230881

Ion Ratio Lower Upper

164 100

162 100.3 82.6 124.0

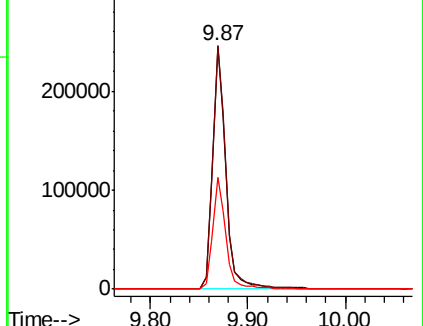
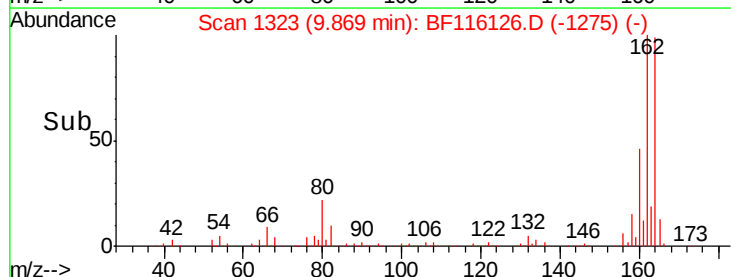
160 46.1 37.6 56.4

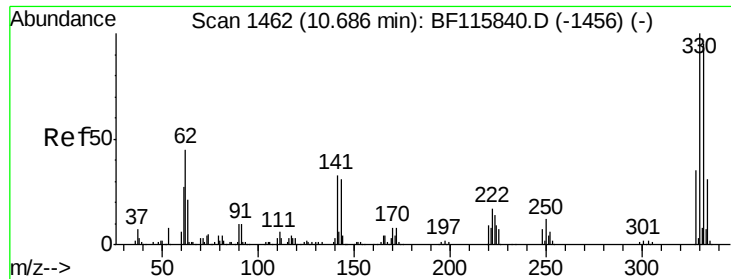


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

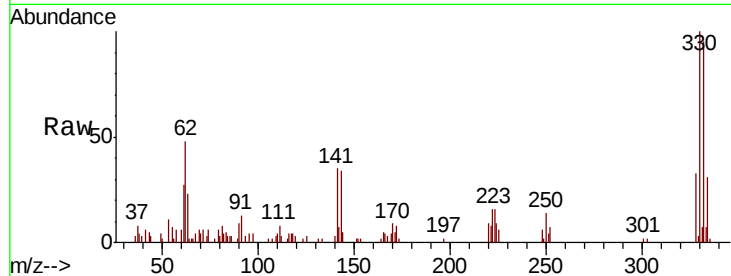




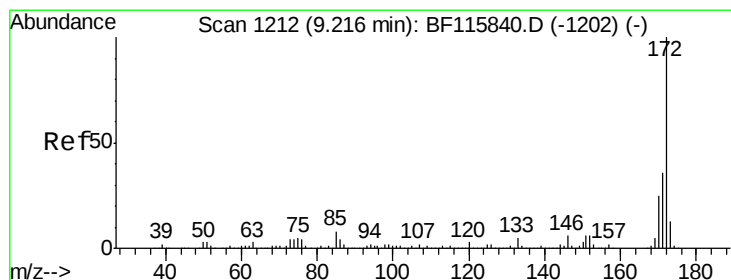
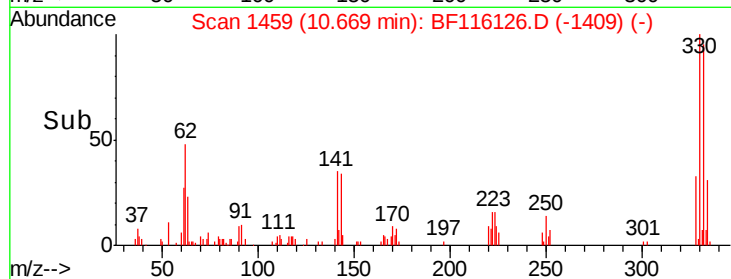
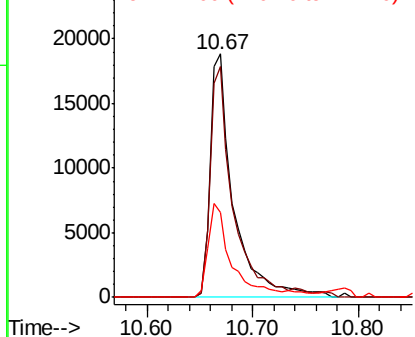
#42
 2,4,6-Tribromophenol
 Concen: 13.033 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116126.D
 Acq: 9 Aug 2019 21:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 29173
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.8 115.2
 141 40.6 26.3 39.5#

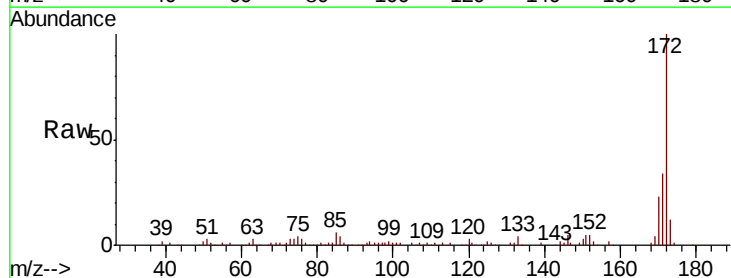


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

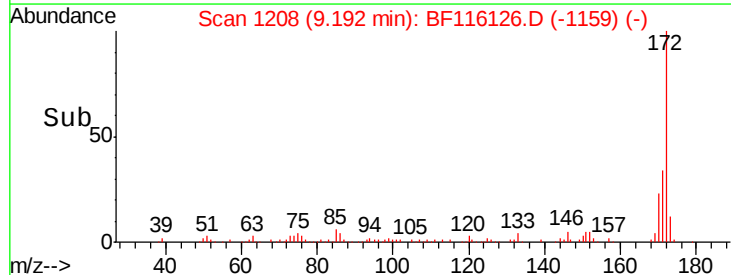
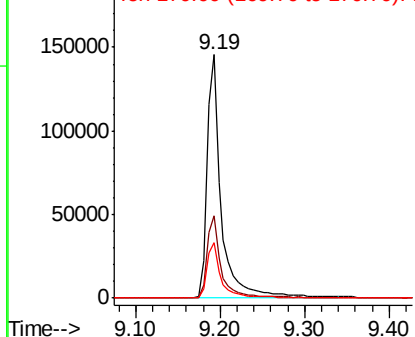


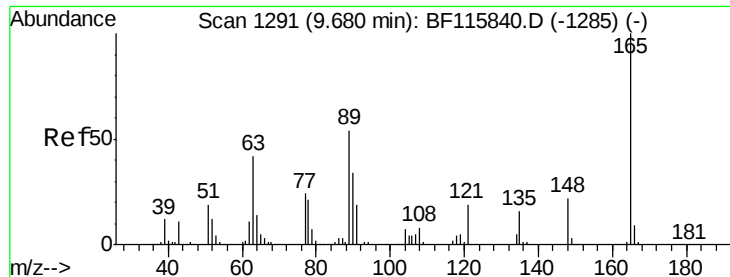
#45
 2-Fluorobiphenyl
 Concen: 13.812 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116126.D
 Acq: 9 Aug 2019 21:33

Tgt Ion:172 Resp: 170247
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.6 44.4
 170 22.8 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

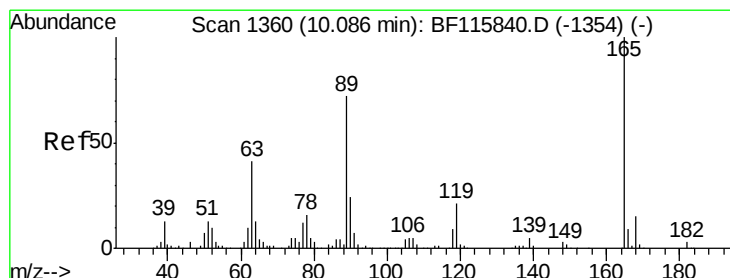
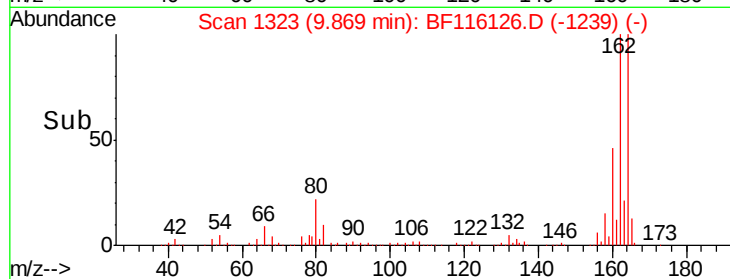
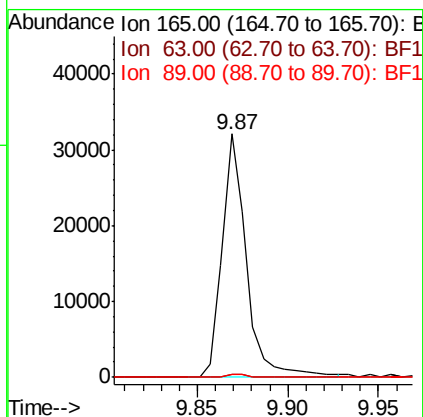
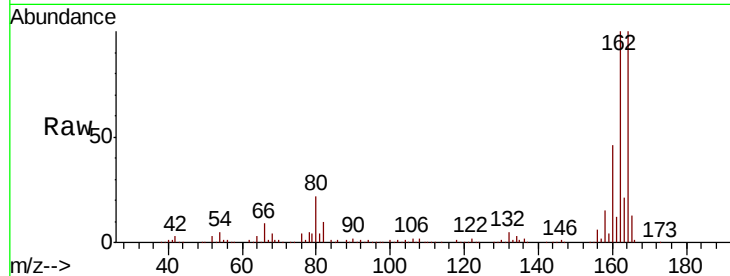




#51
 2,6-Dinitrotoluene
 Concen: 8.784 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116126.D
 Acq: 9 Aug 2019 21:33

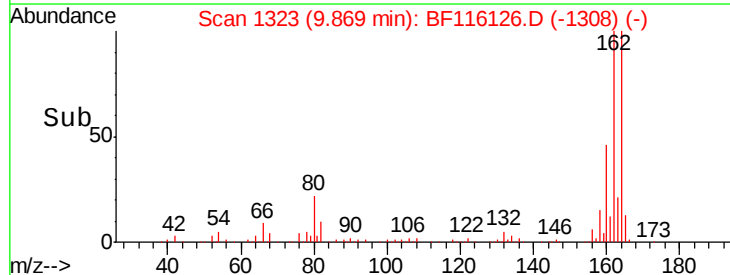
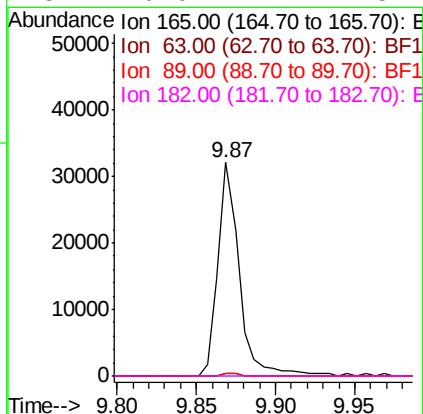
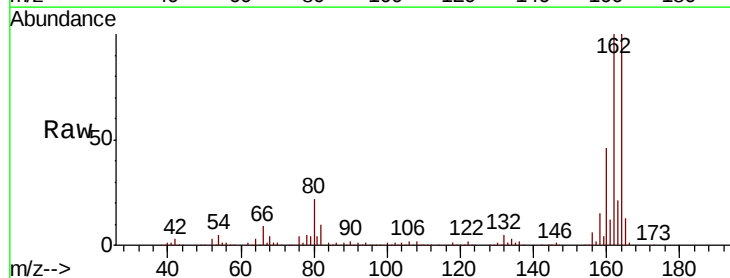
Instrument :
 BNA_F
 ClientSampleId :

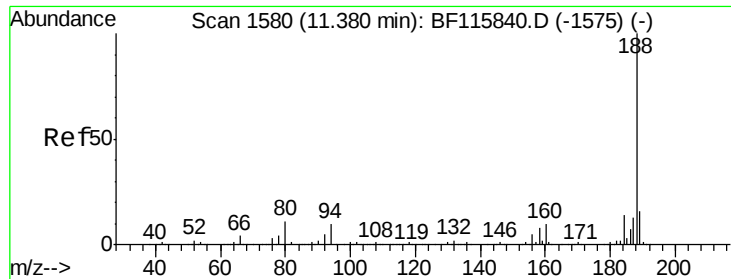
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	38.2	57.2#
89	1.3	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.632 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116126.D
 Acq: 9 Aug 2019 21:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	39.6	59.4#
89	1.3	62.2	93.2#
182	0.0	2.1	3.1#

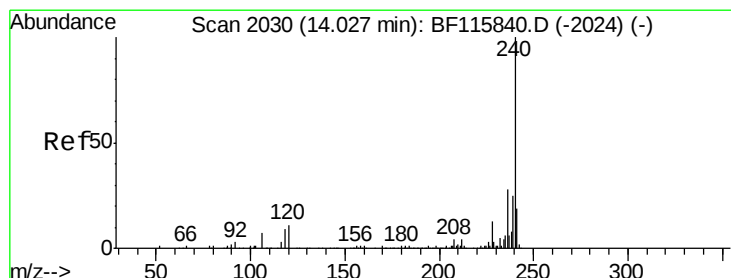
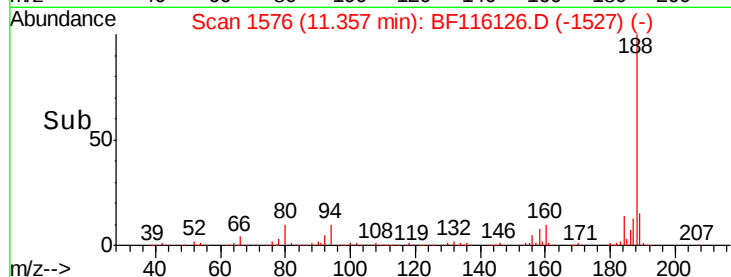
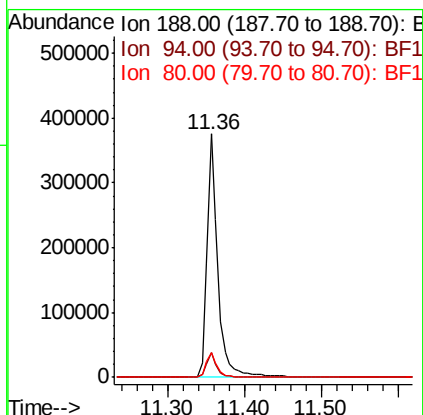
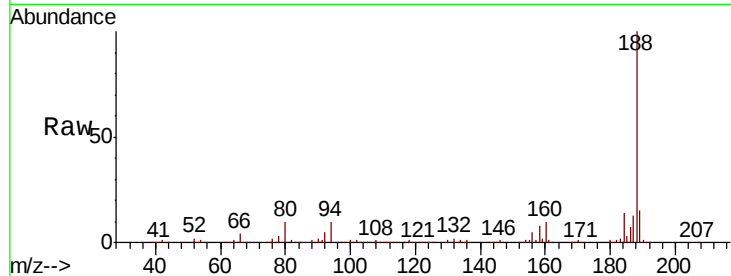




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116126.D
Acq: 9 Aug 2019 21:33

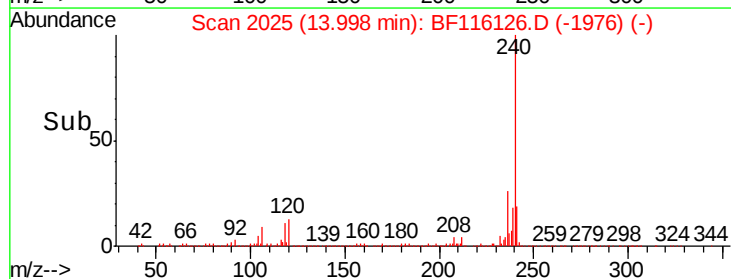
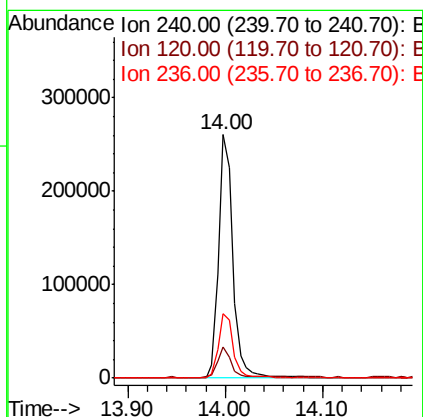
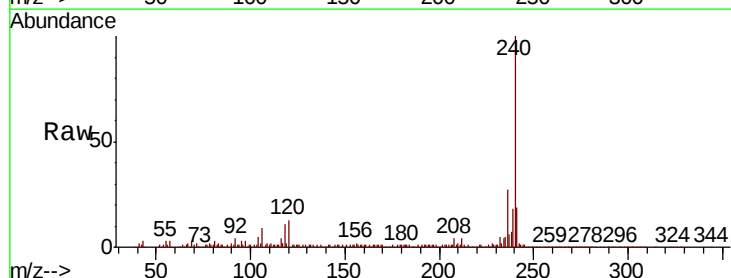
Instrument :
BNA_F
ClientSampleId :

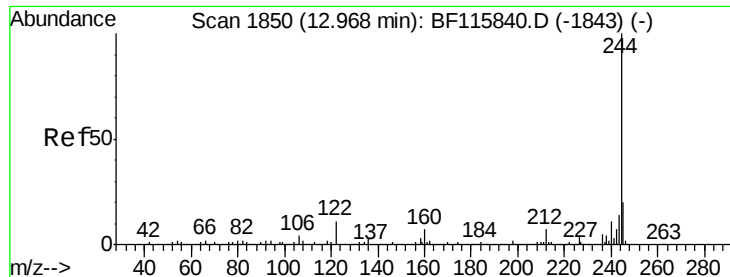
Tot Ion:188 Resp: 365466
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 10.4 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116126.D
Acq: 9 Aug 2019 21:33

Tgt Ion:240 Resp: 263342
Ion Ratio Lower Upper
240 100
120 12.9 10.7 16.1
236 26.6 22.2 33.2





#79

Terphenyl-d14

Concen: 11.261 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116126.D

Acq: 9 Aug 2019 21:33

Instrument :

BNA_F

ClientSampleId :

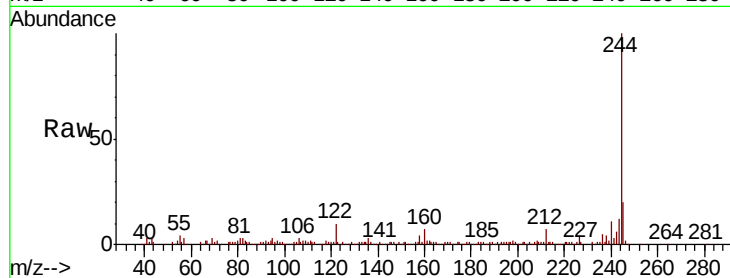
Tot Ion:244 Resp: 140736

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

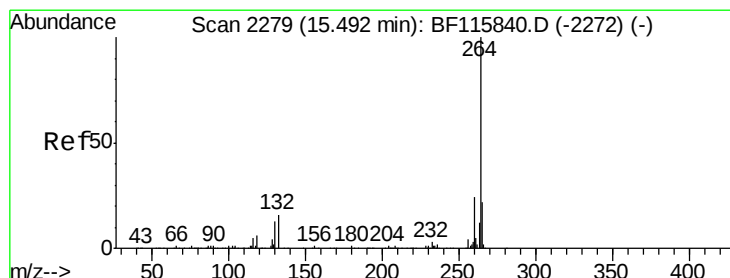
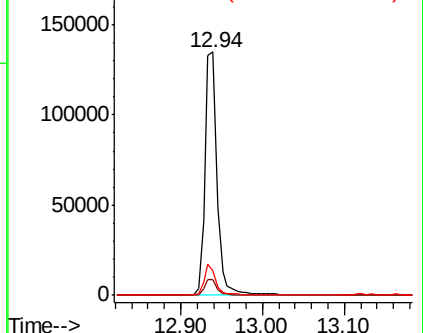
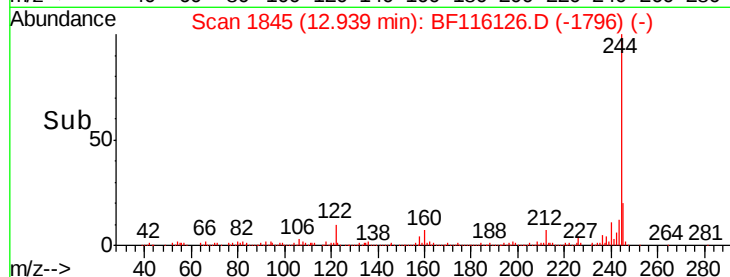
122 9.9 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116126.D

Acq: 9 Aug 2019 21:33

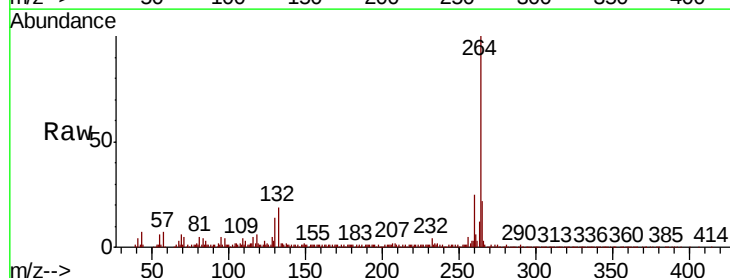
Tgt Ion:264 Resp: 321319

Ion Ratio Lower Upper

264 100

260 25.5 19.7 29.5

265 22.2 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

