

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115823.D
 Acq On : 27 Jul 2019 11:49
 Operator : HP/JU
 Sample : K4000-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 00:59:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

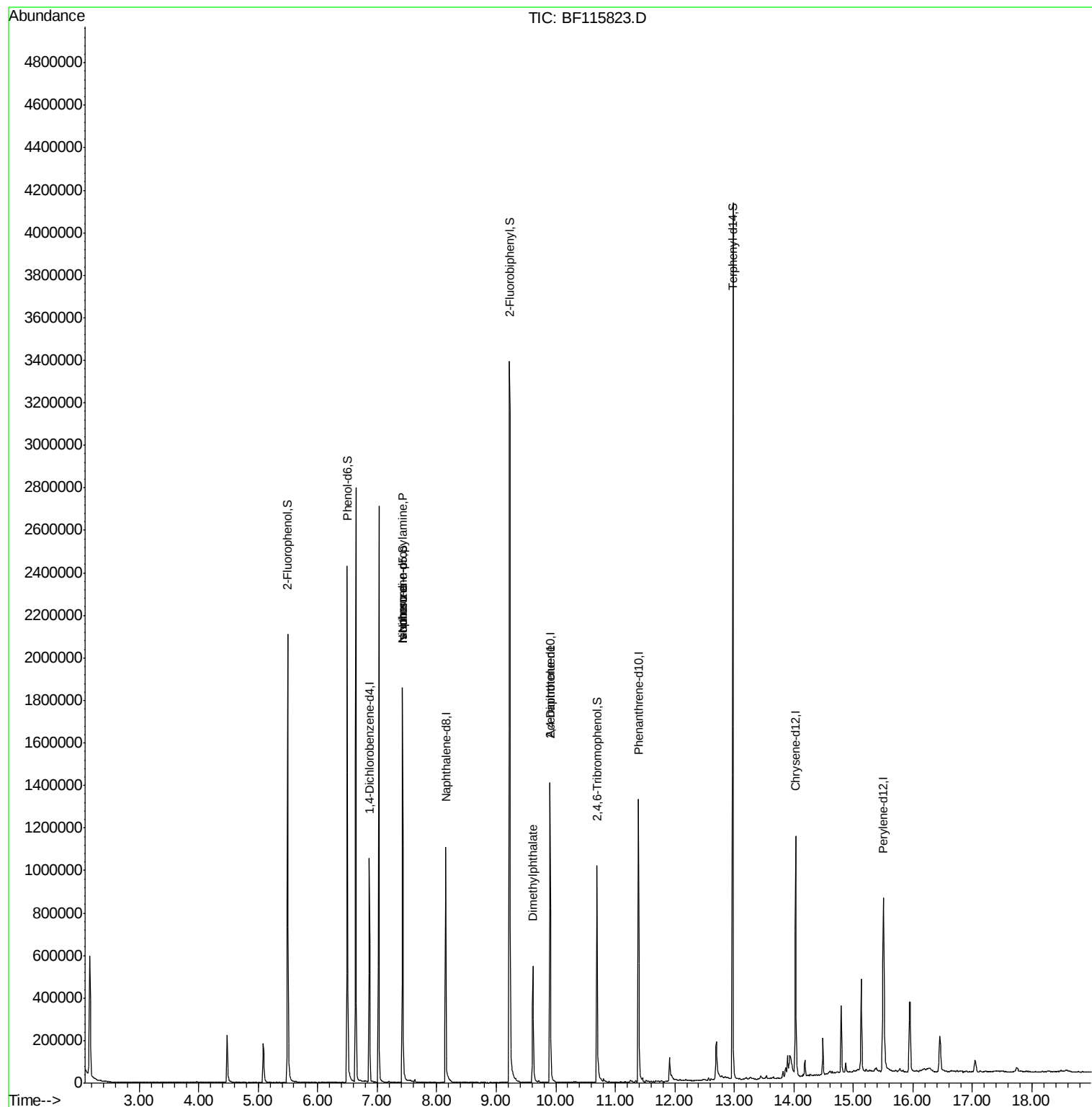
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	143864	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	559566	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	303976	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	557193	20.00	ng	0.00
76) Chrysene-d12	14.03	240	405506	20.00	ng	0.00
87) Perylene-d12	15.50	264	395781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	648368	73.72	ng	0.00
7) Phenol-d6	6.50	99	987785	88.51	ng	0.00
23) Nitrobenzene-d5	7.43	82	651096	67.66	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	146403	41.26	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1277986	73.59	ng	-0.01
79) Terphenyl-d14	12.97	244	1419613	64.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	85949	11.809	ng	# 80
25) Isophorone	7.43	82	651092	33.812	ng	# 65
50) Dimethylphthalate	9.62	163	270685	11.836	ng	99
57) 2,4-Dinitrotoluene	9.90	165	38752	5.755	ng	# 24

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

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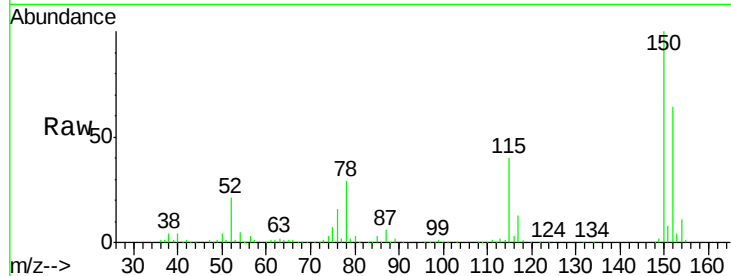


#1

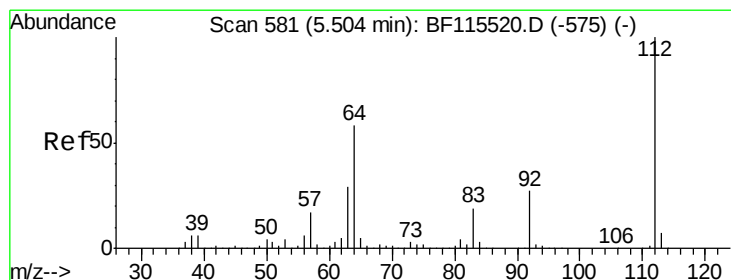
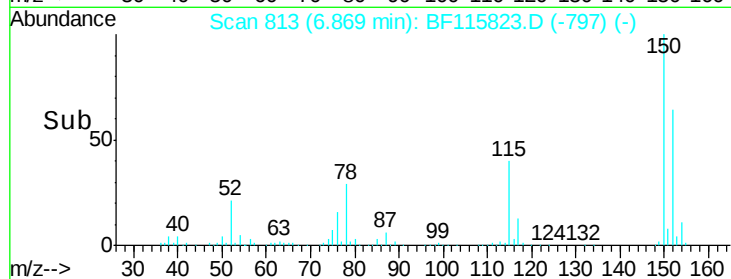
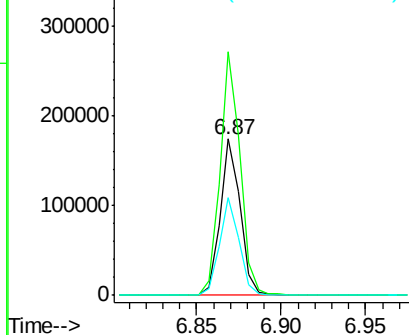
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115823.D
Acq: 27 Jul 2019 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143864
Ion Ratio Lower Upper
152 100
150 156.1 126.6 189.8
115 63.0 47.8 71.6



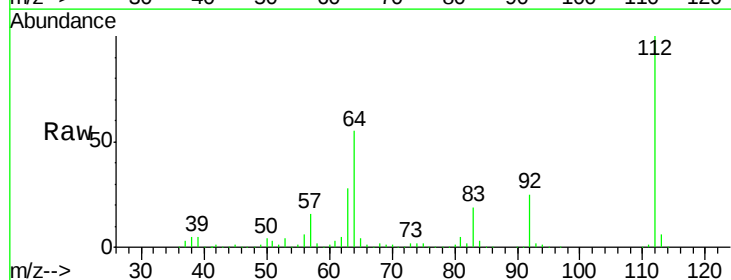
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



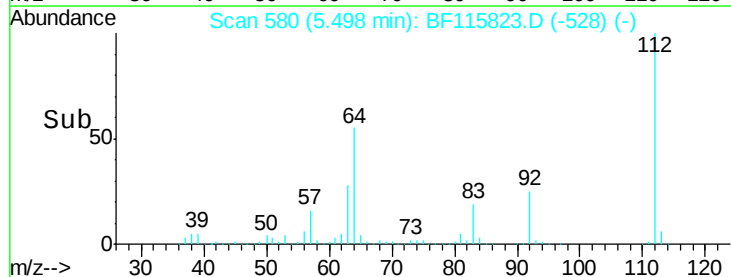
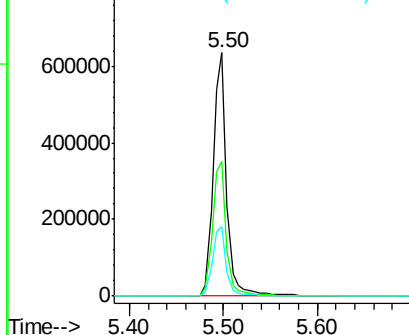
#5

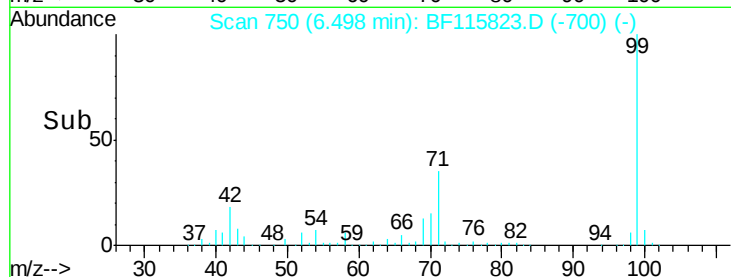
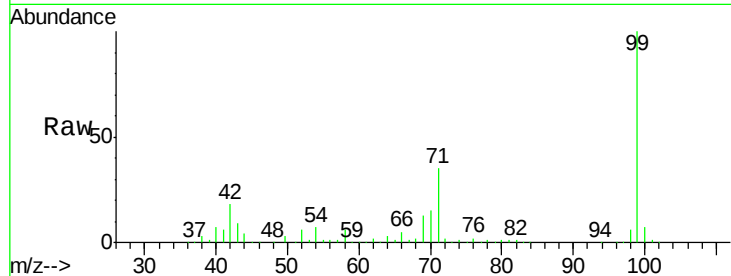
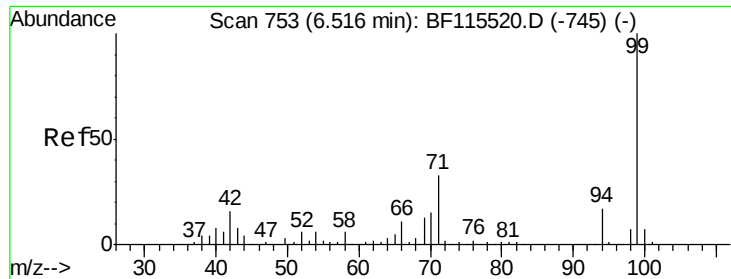
2-Fluorophenol
Concen: 73.718 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF115823.D
Acq: 27 Jul 2019 11:49

Tgt Ion:112 Resp: 648368
Ion Ratio Lower Upper
112 100
64 55.1 45.8 68.8
63 28.4 23.6 35.4



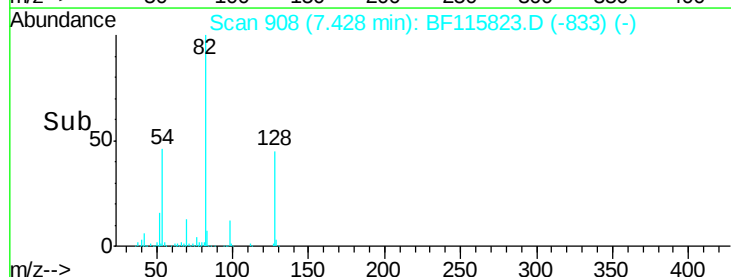
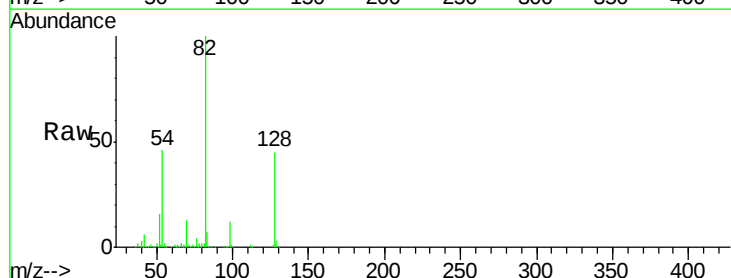
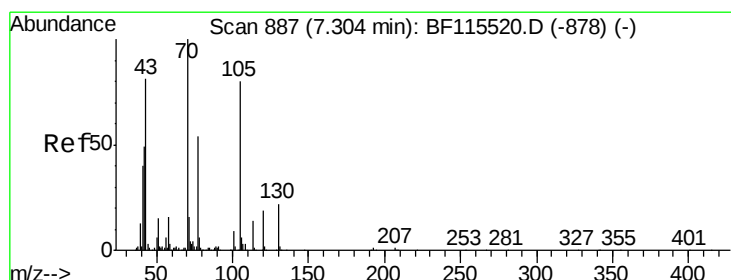
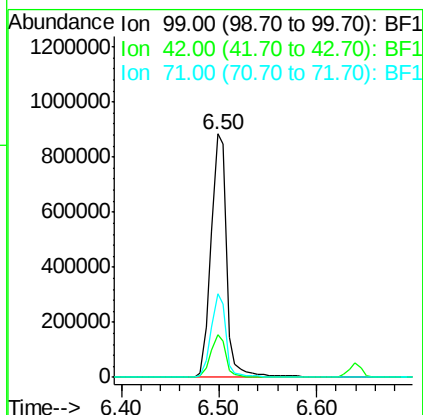
Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





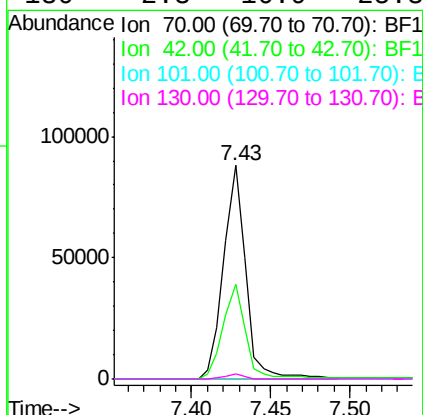
#7
Phenol-d6
Concen: 88.510 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BF115823.D
Acq: 27 Jul 2019 11:49

Tot Ion: 99 Resp: 987785
Ion Ratio Lower Upper
99 100
42 17.6 13.4 20.2
71 34.6 26.7 40.1



#19
n-Nitroso-di-n-propylamine
Concen: 11.809 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF115823.D
Acq: 27 Jul 2019 11:49

Tgt Ion: 70 Resp: 85949
Ion Ratio Lower Upper
70 100
42 44.2 41.8 62.8
101 0.0 7.6 11.4#
130 2.3 16.9 25.3#

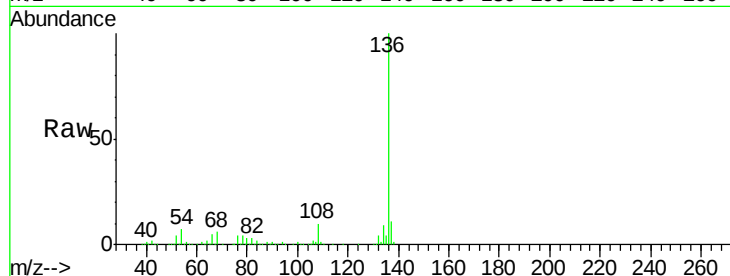




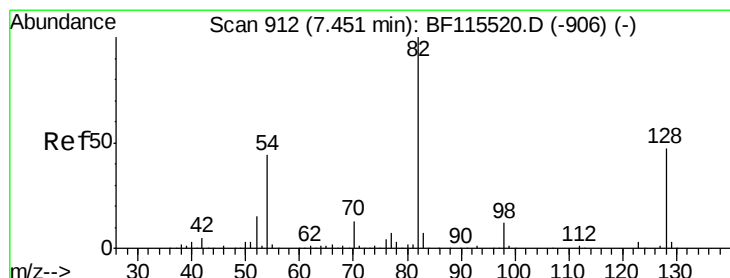
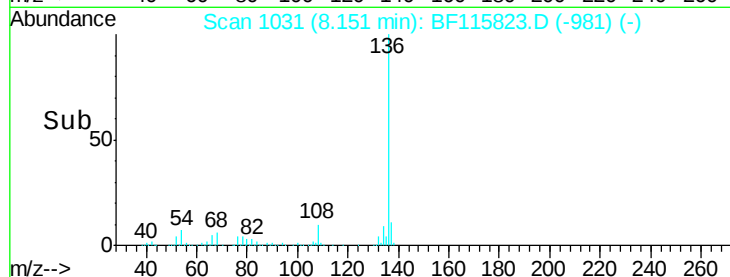
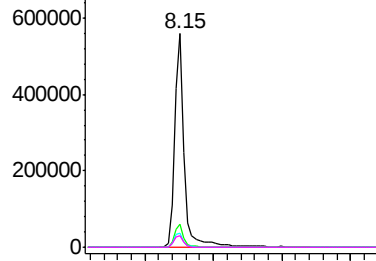
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115823.D
Acq: 27 Jul 2019 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	559566
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.7 13.1
54	6.7	5.0 7.6
68	5.7	4.7 7.1

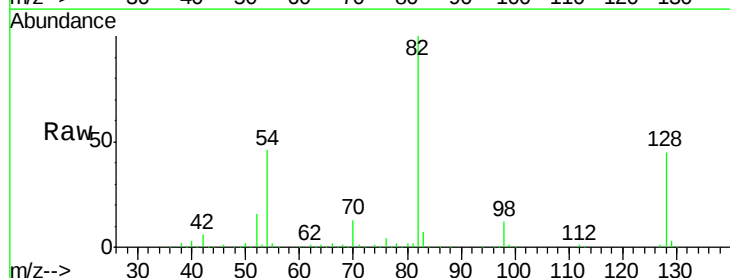


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

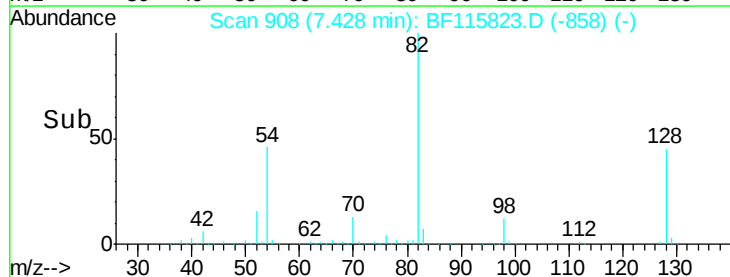
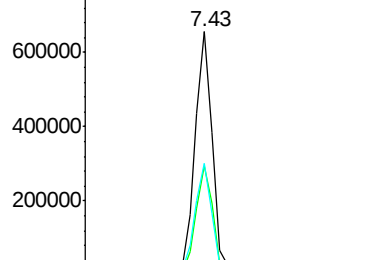


#23
Nitrobenzene-d5
Concen: 67.658 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115823.D
Acq: 27 Jul 2019 11:49

Tgt Ion: 82	Resp:	651096
Ion	Ratio	Lower Upper
82	100	
128	44.9	36.6 55.0
54	45.7	36.6 54.8



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: 33.812 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF115823.D

Acq: 27 Jul 2019 11:49

Instrument :

BNA_F

ClientSampleId :

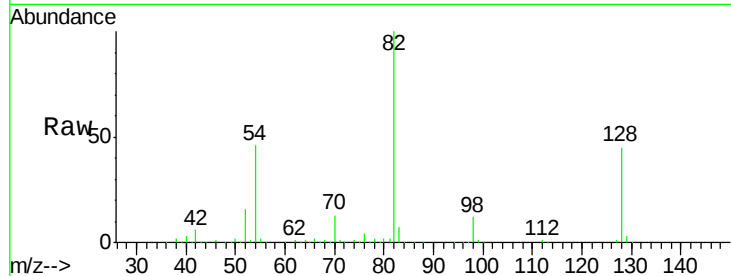
Tot Ion: 82 Resp: 651092

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.2 21.4#

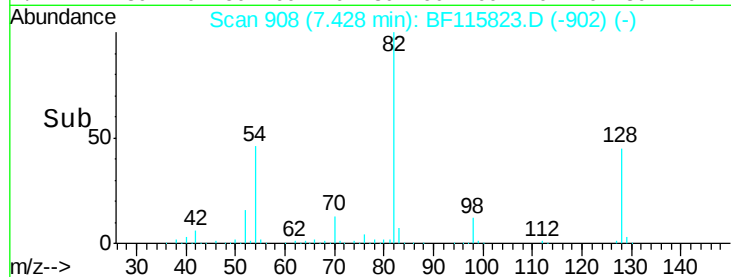


Abundance Ion 82.00 (81.70 to 82.70): BF115520.D (-948) (-)

Ion 95.00 (94.70 to 95.70): BF115520.D (-948) (-)

Ion 138.00 (137.70 to 138.70): BF115520.D (-948) (-)

Time-->

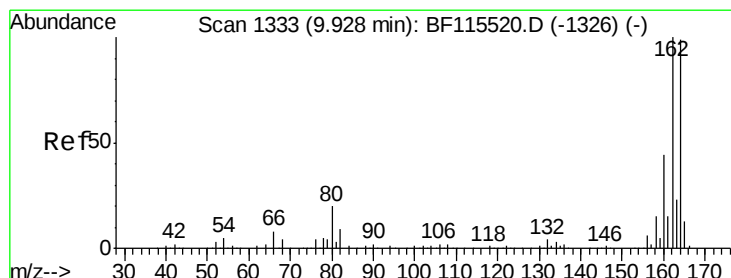


Abundance Ion 82.00 (81.70 to 82.70): BF115823.D (-902) (-)

Ion 95.00 (94.70 to 95.70): BF115823.D (-902) (-)

Ion 138.00 (137.70 to 138.70): BF115823.D (-902) (-)

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF115823.D

Acq: 27 Jul 2019 11:49

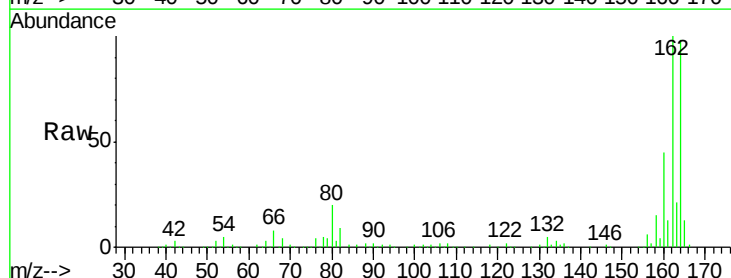
Tgt Ion: 164 Resp: 303976

Ion Ratio Lower Upper

164 100

162 101.8 81.8 122.6

160 46.0 37.5 56.3

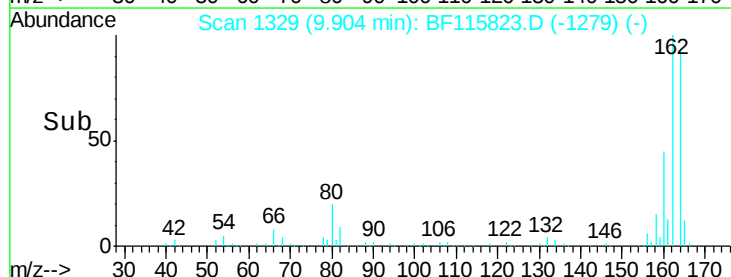


Abundance Ion 164.00 (163.70 to 164.70): BF115520.D (-1326) (-)

Ion 162.00 (161.70 to 162.70): BF115520.D (-1326) (-)

Ion 160.00 (159.70 to 160.70): BF115520.D (-1326) (-)

Time-->



Abundance Ion 164.00 (163.70 to 164.70): BF115823.D (-1279) (-)

Ion 162.00 (161.70 to 162.70): BF115823.D (-1279) (-)

Ion 160.00 (159.70 to 160.70): BF115823.D (-1279) (-)

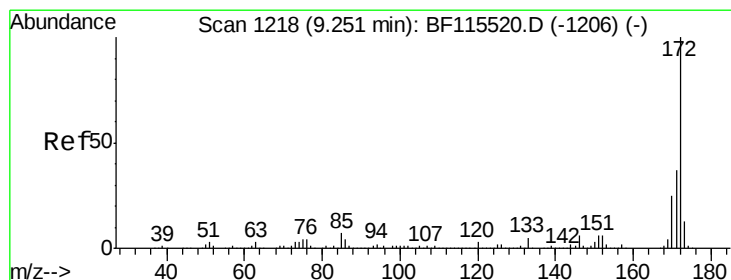
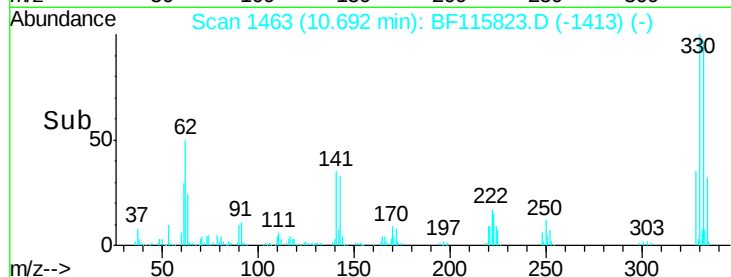
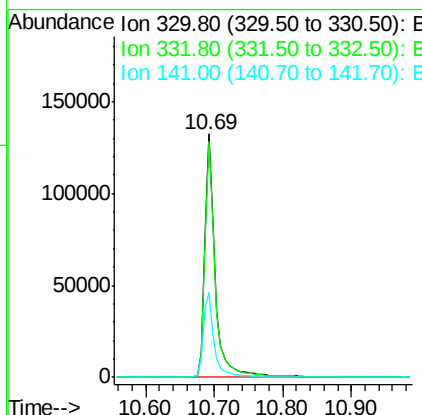
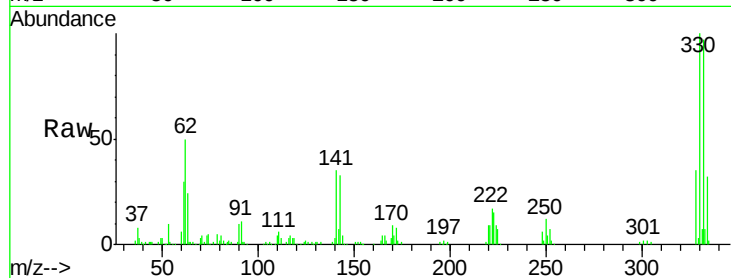
Time-->



#42
 2,4,6-Tribromophenol
 Concen: 41.262 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF115823.D
 Acq: 27 Jul 2019 11:49

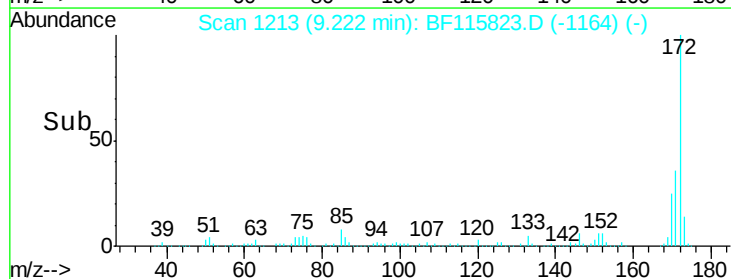
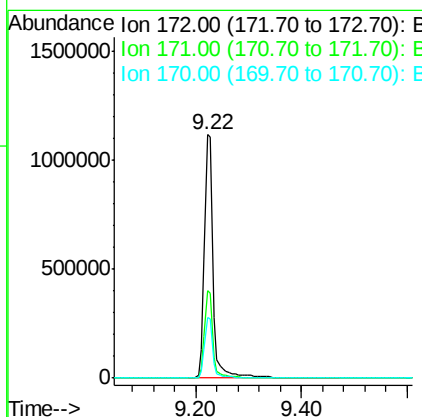
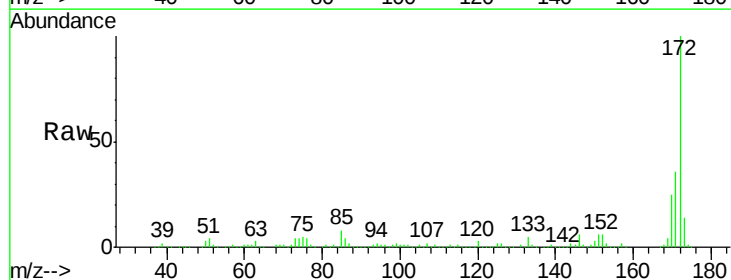
Instrument :
 BNA_F
 ClientSampleId :

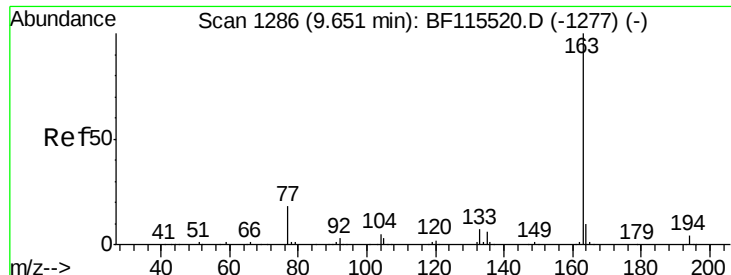
Tot Ion:330 Resp: 146403
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.1 114.1
 141 35.6 25.9 38.9



#45
 2-Fluorobiphenyl
 Concen: 73.586 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF115823.D
 Acq: 27 Jul 2019 11:49

Tgt Ion:172 Resp: 1277986
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.4
 170 24.9 20.1 30.1

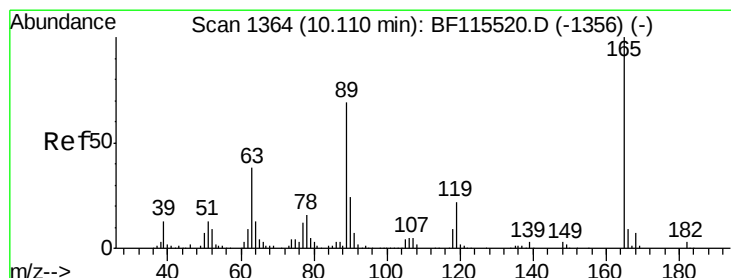
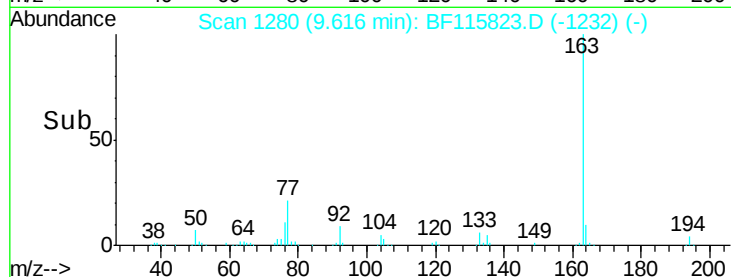
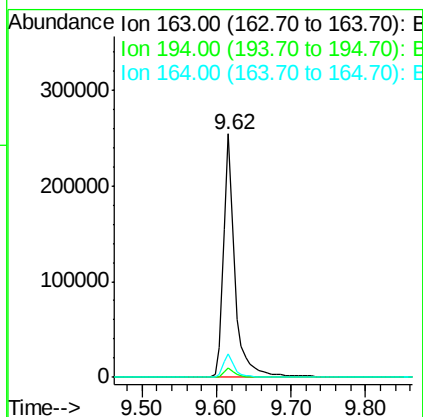
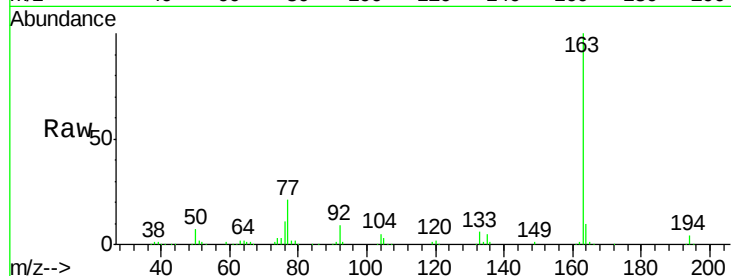




#50
Dimethylphthalate
Concen: 11.836 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF115823.D
Acq: 27 Jul 2019 11:49

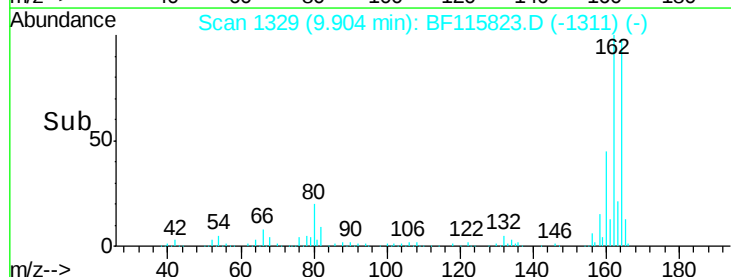
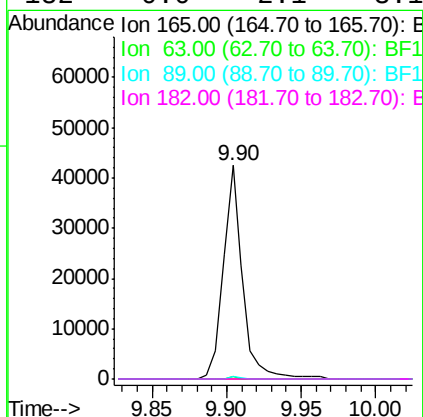
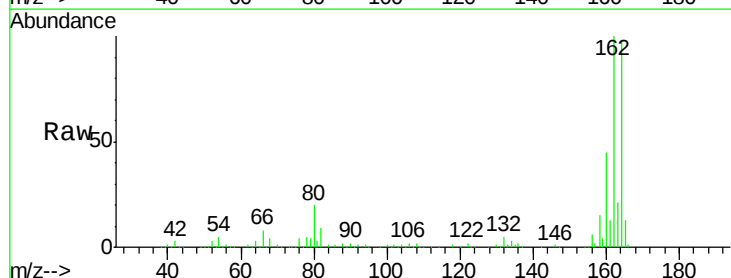
Instrument :
BNA_F
ClientSampleId :

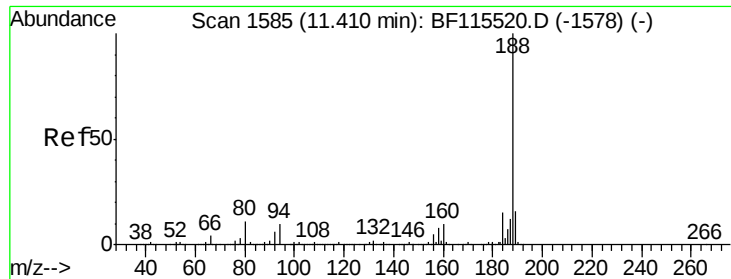
Tot Ion:163 Resp: 270685
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.8 8.3 12.5



#57
2,4-Dinitrotoluene
Concen: 5.755 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF115823.D
Acq: 27 Jul 2019 11:49

Tgt Ion:165 Resp: 38752
Ion Ratio Lower Upper
165 100
63 1.0 33.4 50.2#
89 1.4 57.3 85.9#
182 0.0 2.1 3.1#

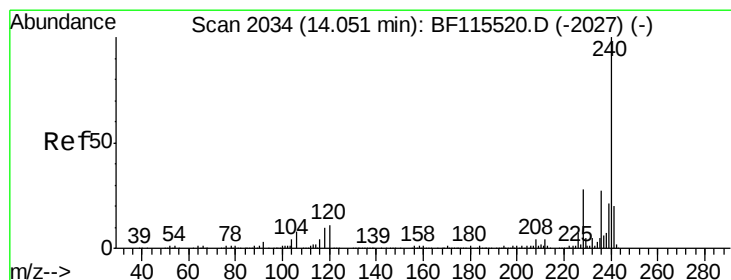
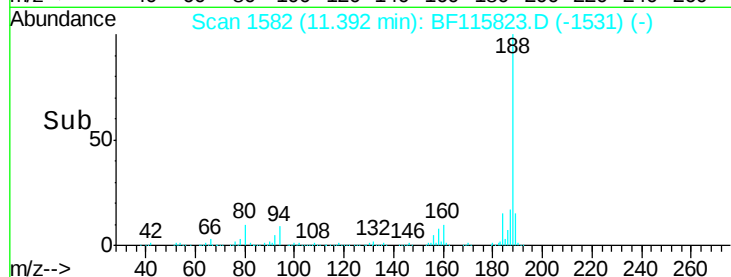
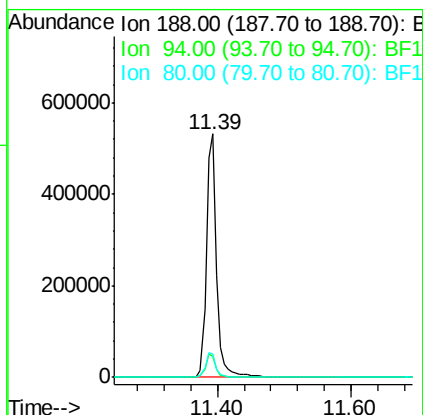
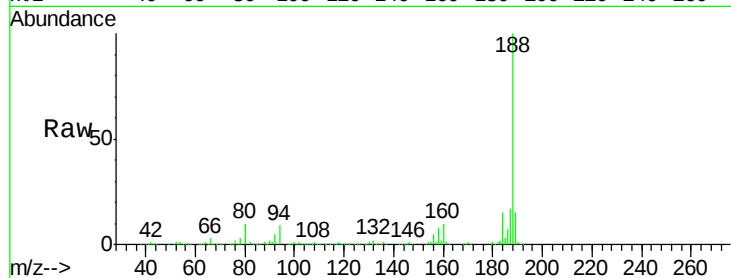




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF115823.D
Acq: 27 Jul 2019 11:49

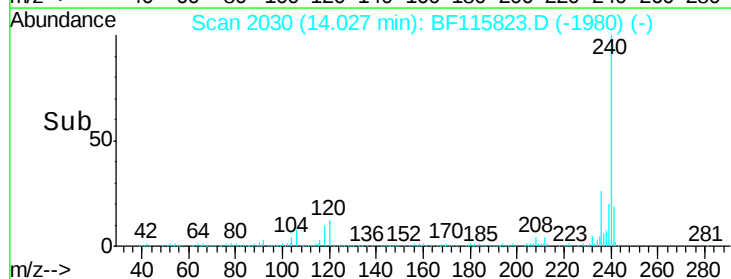
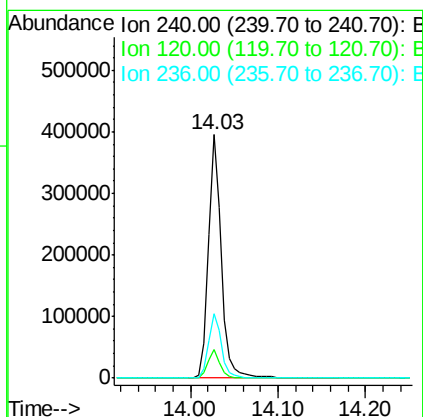
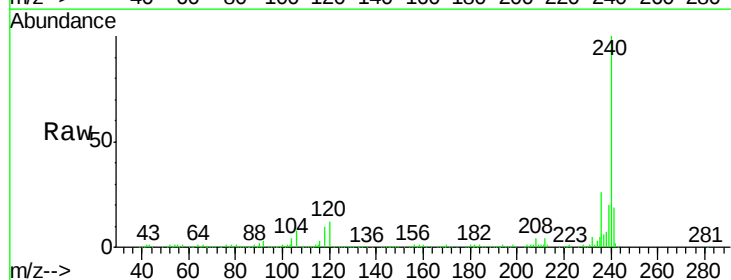
Instrument :
BNA_F
ClientSampleId :

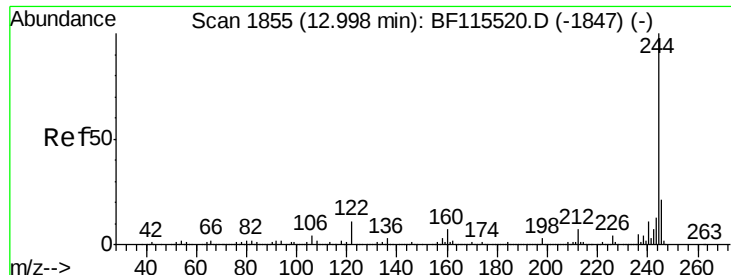
Tot Ion:188 Resp: 557193
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.2
80 9.6 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115823.D
Acq: 27 Jul 2019 11:49

Tgt Ion:240 Resp: 405506
Ion Ratio Lower Upper
240 100
120 11.6 10.0 15.0
236 26.5 21.8 32.6





#79

Terphenyl-d14

Concen: 64.596 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115823.D

Acq: 27 Jul 2019 11:49

Instrument :

BNA_F

ClientSampleId :

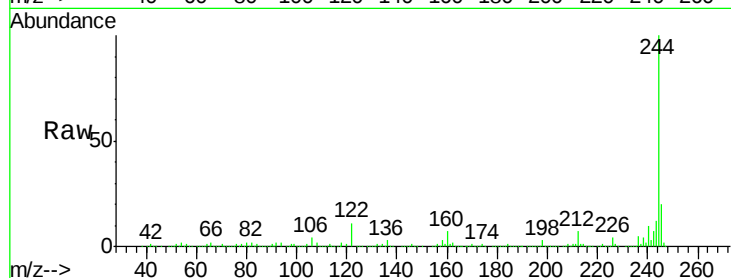
Tot Ion:244 Resp: 1419613

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

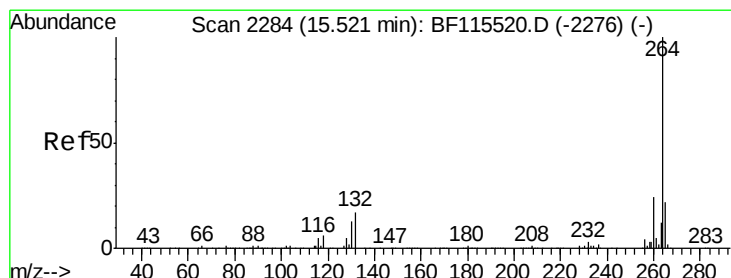
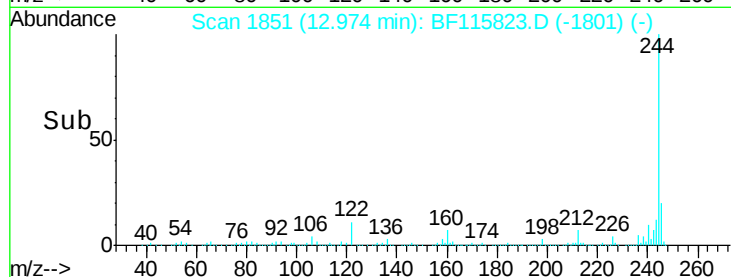
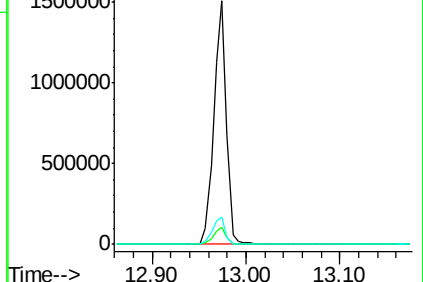
122 11.3 8.2 12.4



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: 15.50 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BF115823.D

Acq: 27 Jul 2019 11:49

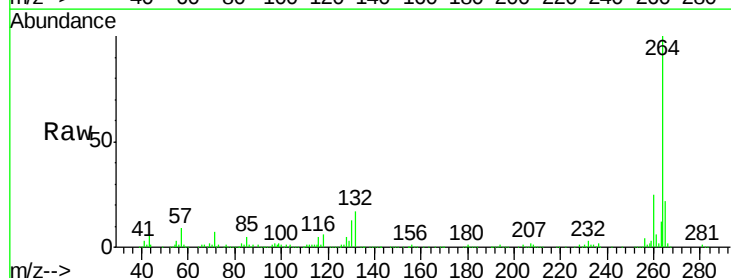
Tgt Ion:264 Resp: 395781

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

265 21.8 17.5 26.3



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

