

Data File : BF116320.D
Acq On : 16 Aug 2019 14:14
Operator : HP/JU
Sample : K4356-01RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: Aug 17 03:07:53 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

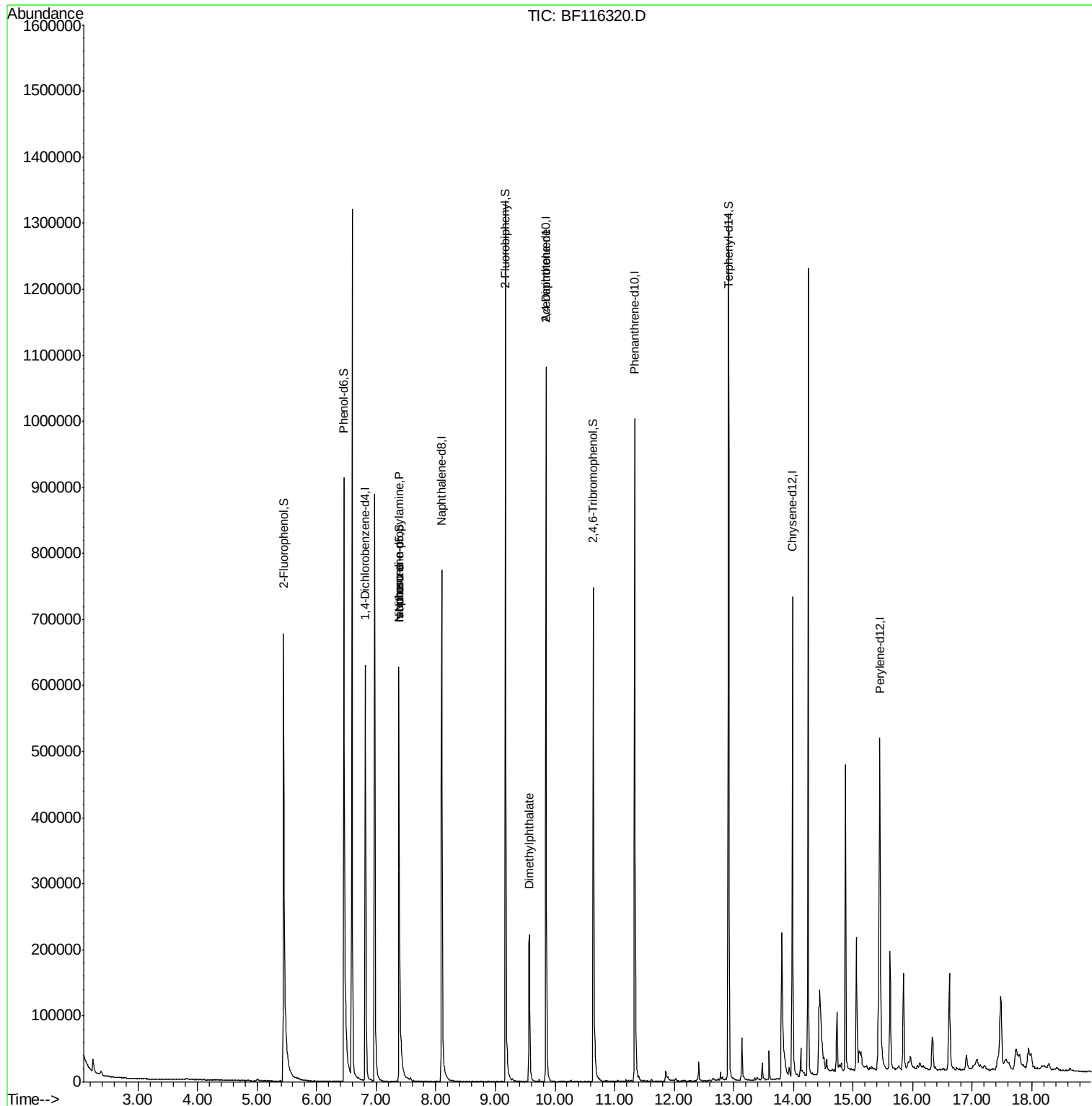
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	104337	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	421509	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	231443	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	421817	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	289745	20.00	ng	-0.03
87) Perylene-d12	15.44	264	284912	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	349707	56.11	ng	-0.02
7) Phenol-d6	6.46	99	485050	61.68	ng	-0.03
23) Nitrobenzene-d5	7.38	82	295841	40.51	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	111941	49.89	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	461554	37.35	ng	-0.04
79) Terphenyl-d14	12.91	244	433678	31.54	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	37363	7.668	ng	# 79
25) Isophorone	7.38	82	295839	21.187	ng	# 65
50) Dimethylphthalate	9.57	163	123884	7.861	ng	100
57) 2,4-Dinitrotoluene	9.85	165	29210	6.406	ng	# 19

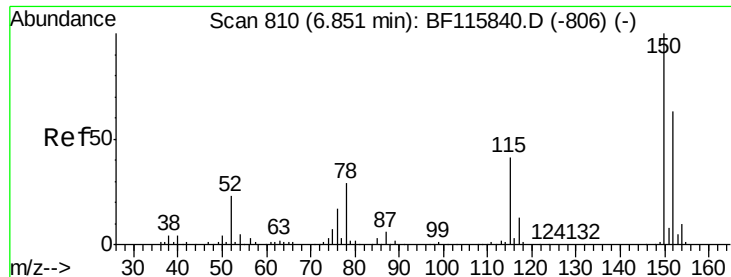
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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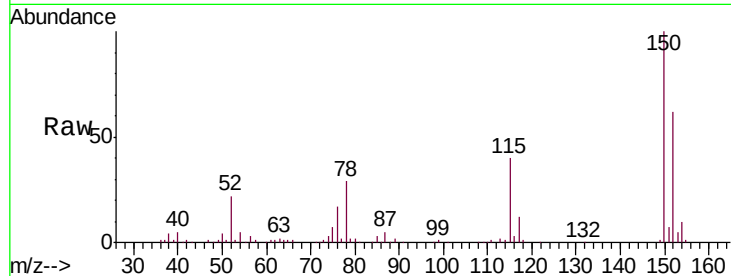


#1

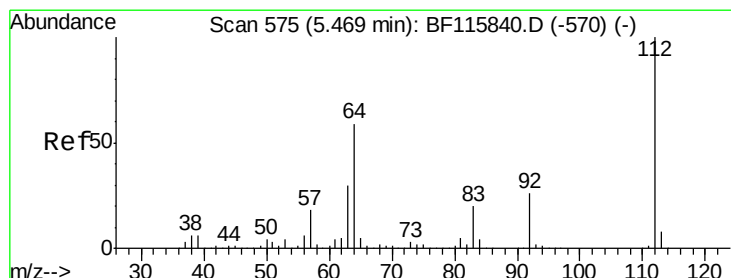
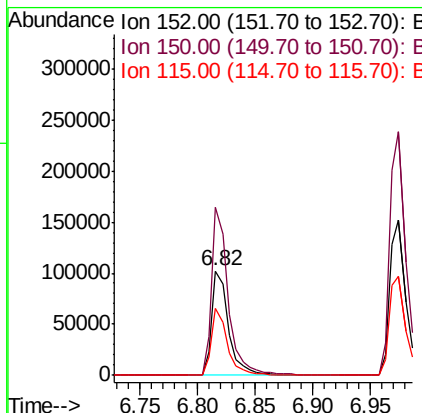
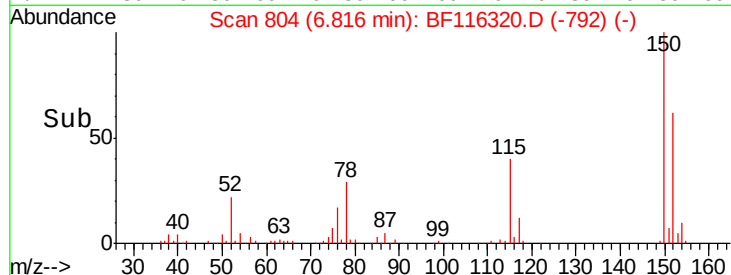
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116320.D
 Acq: 16 Aug 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.2	189.2
115	64.8	49.9	74.9



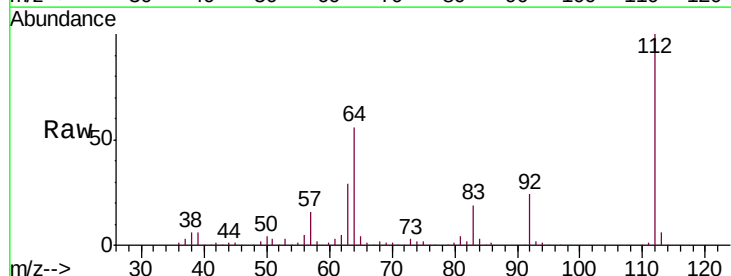
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



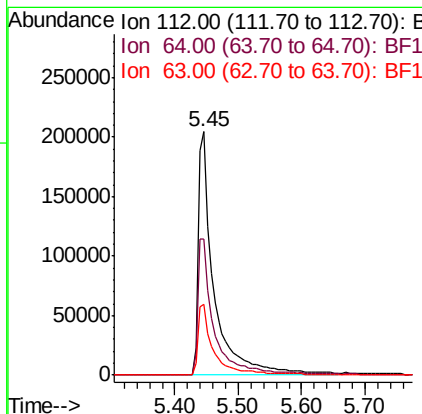
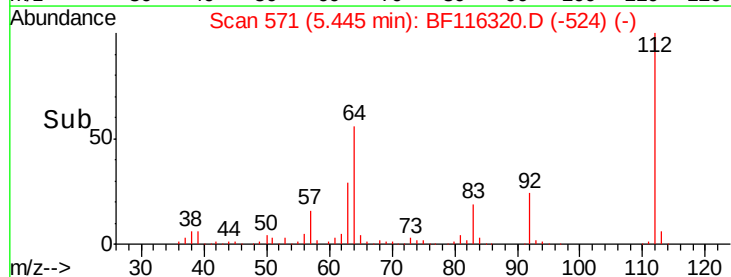
#5

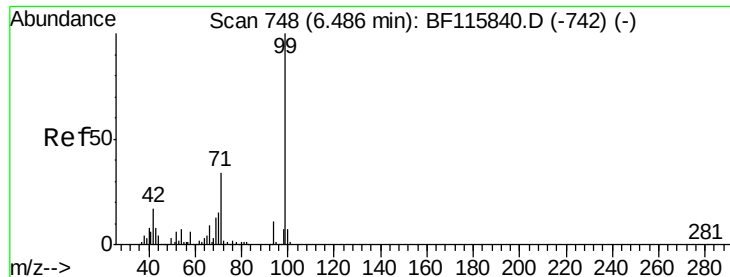
2-Fluorophenol
 Concen: 56.110 ng
 RT: 5.45 min Scan# 571
 Delta R.T. -0.02 min
 Lab File: BF116320.D
 Acq: 16 Aug 2019 14:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	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: 61.684 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116320.D

Acq: 16 Aug 2019 14:14

Instrument :

BNA_F

ClientSampleId :

TP-1

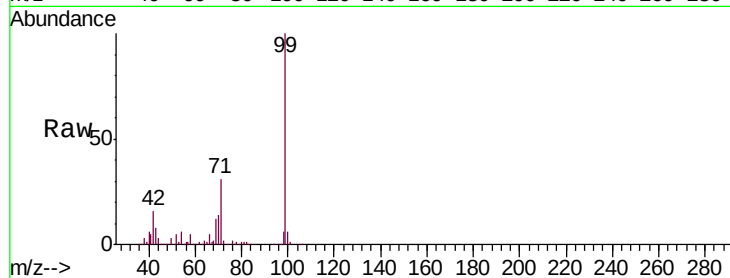
Tgt Ion: 99 Resp: 485050

Ion Ratio Lower Upper

99 100

42 16.0 13.8 20.8

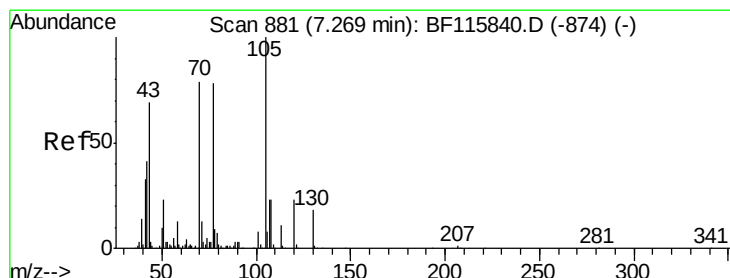
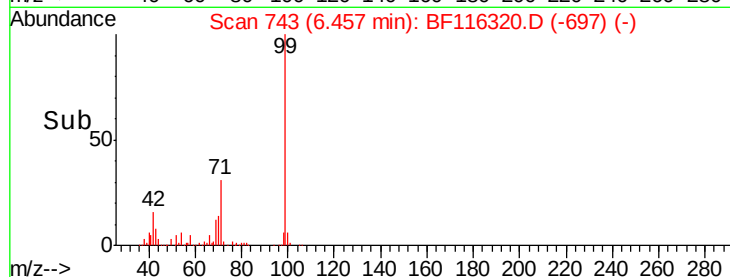
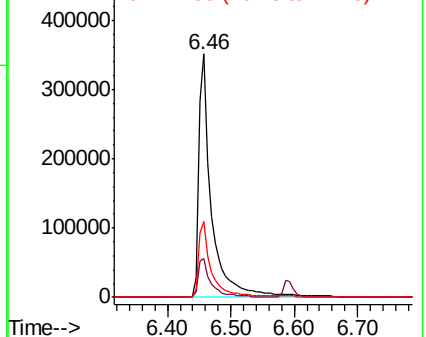
71 31.0 27.3 40.9



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: 7.668 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116320.D

Acq: 16 Aug 2019 14:14

Tgt Ion: 70 Resp: 37363

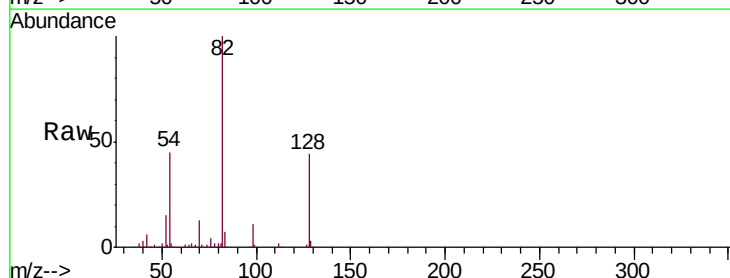
Ion Ratio Lower Upper

70 100

42 42.9 40.9 61.3

101 0.0 7.9 11.9#

130 2.2 16.9 25.3#

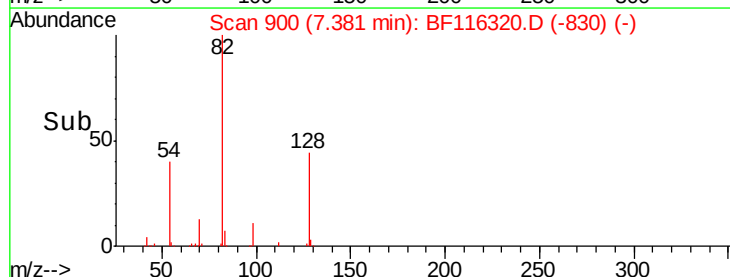
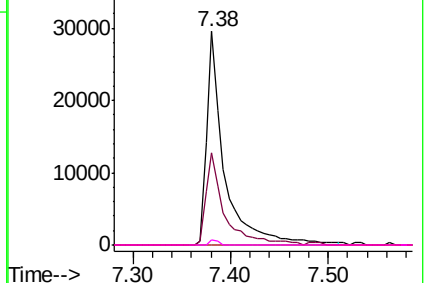


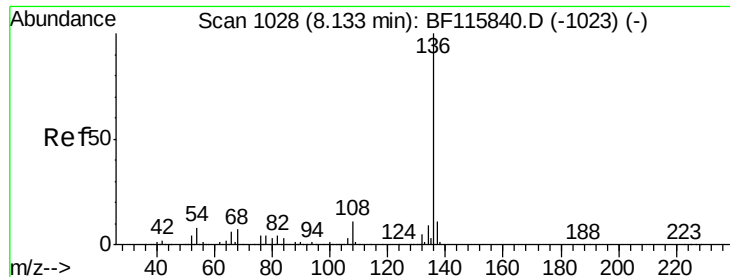
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

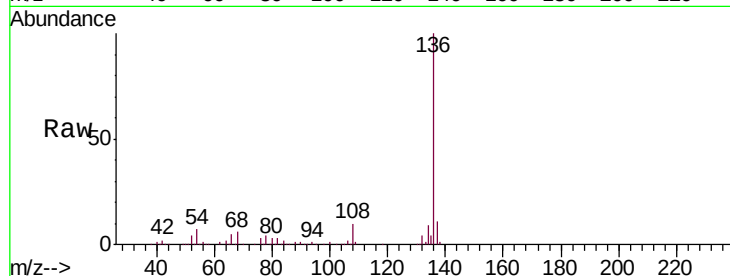




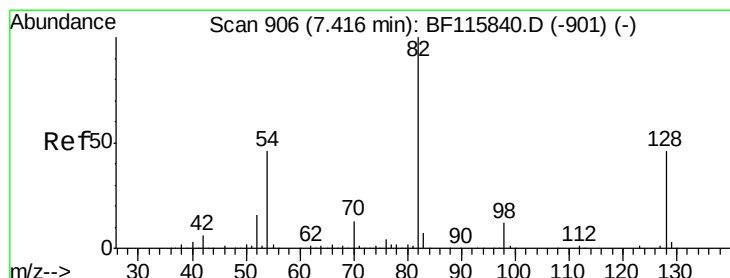
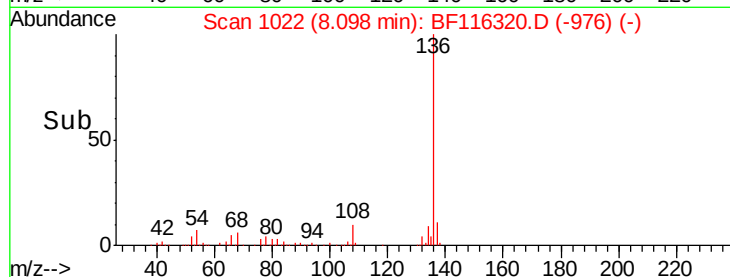
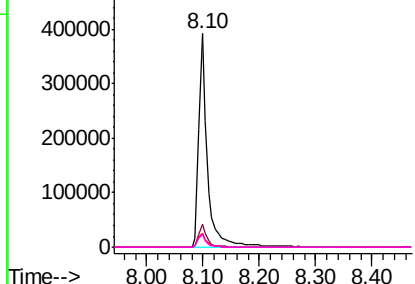
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116320.D
Acq: 16 Aug 2019 14:14

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:	136	Resp:	421509
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.8	5.8	8.6
68	5.9	5.2	7.8

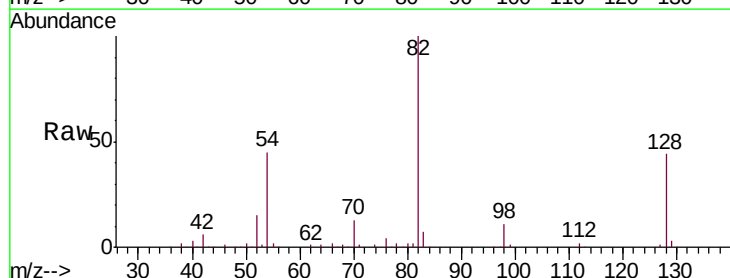


Abundance Ion 136.00 (135.70 to 136.70): E
600000
Ion 137.00 (136.70 to 137.70): E
500000
Ion 54.00 (53.70 to 54.70): BF1
400000
Ion 68.00 (67.70 to 68.70): BF1
300000
200000
100000
0

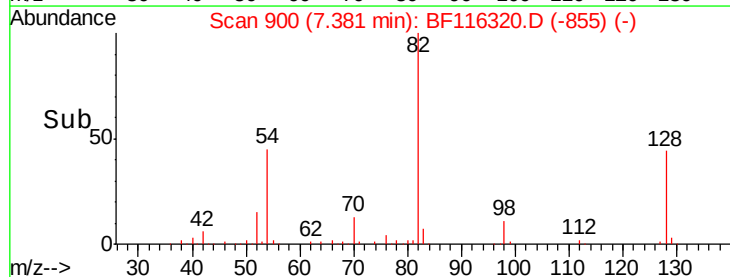
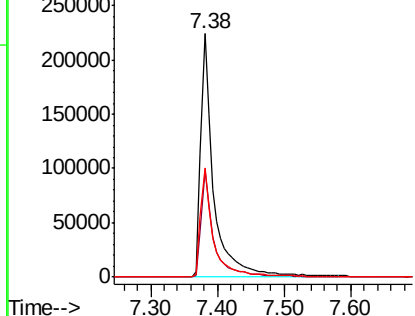


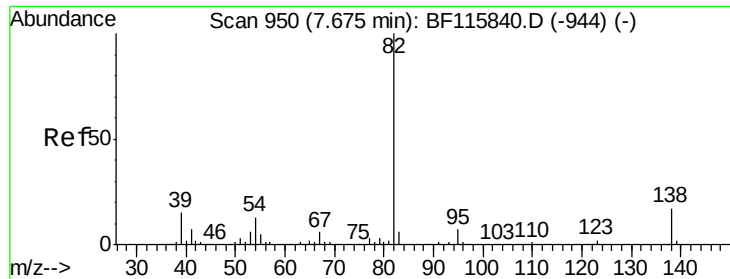
#23
Nitrobenzene-d5
Concen: 40.514 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116320.D
Acq: 16 Aug 2019 14:14

Tgt Ion:	82	Resp:	295841
Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.5	54.7
54	44.9	36.0	54.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
300000
Ion 128.00 (127.70 to 128.70): E
250000
Ion 54.00 (53.70 to 54.70): BF1
200000
150000
100000
50000
0





#25

Isophorone

Concen: 21.187 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116320.D

Acq: 16 Aug 2019 14:14

Instrument :

BNA_F

ClientSampled :

TP-1

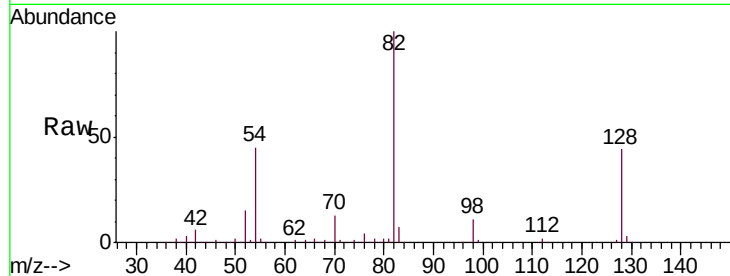
Tgt Ion: 82 Resp: 295839

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

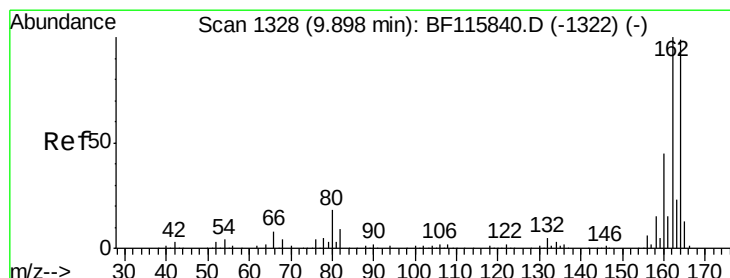
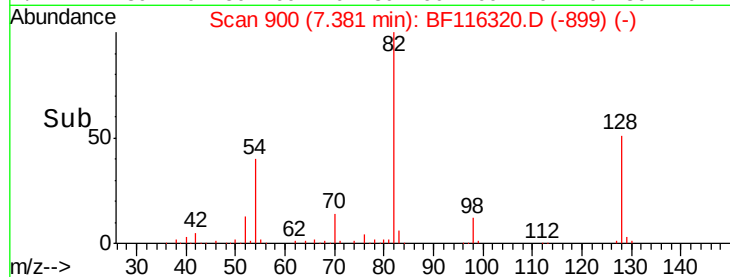
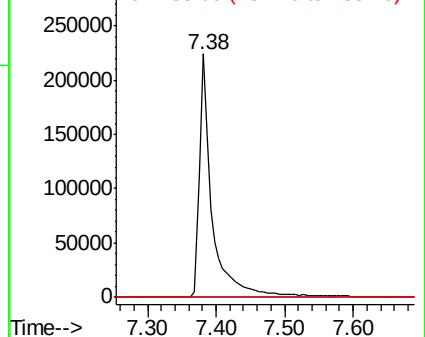
138 0.0 14.5 21.7#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.04 min

Lab File: BF116320.D

Acq: 16 Aug 2019 14:14

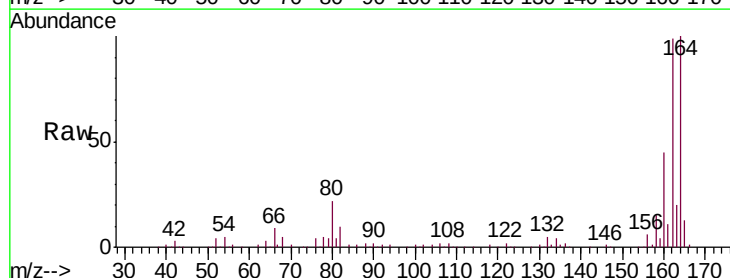
Tgt Ion: 164 Resp: 231443

Ion Ratio Lower Upper

164 100

162 99.1 82.6 124.0

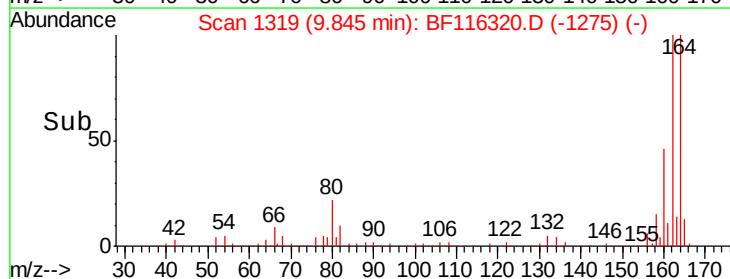
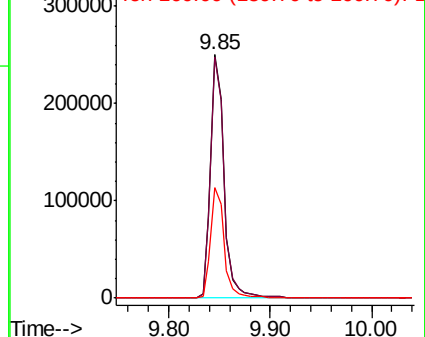
160 45.4 37.6 56.4

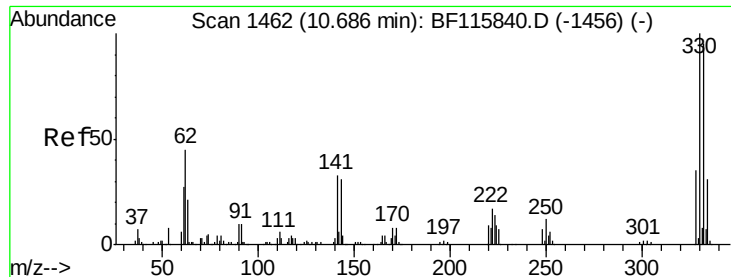


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 49.887 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.04 min

Lab File: BF116320.D

Acq: 16 Aug 2019 14:14

Instrument :

BNA_F

ClientSampleId :

TP-1

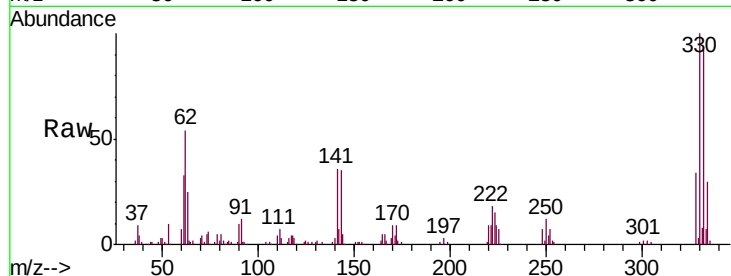
Tgt Ion:330 Resp: 111941

Ion Ratio Lower Upper

330 100

332 94.6 76.8 115.2

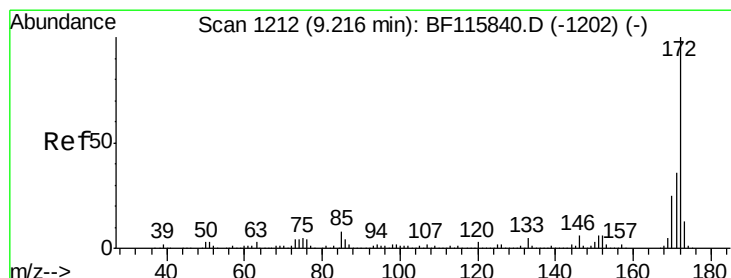
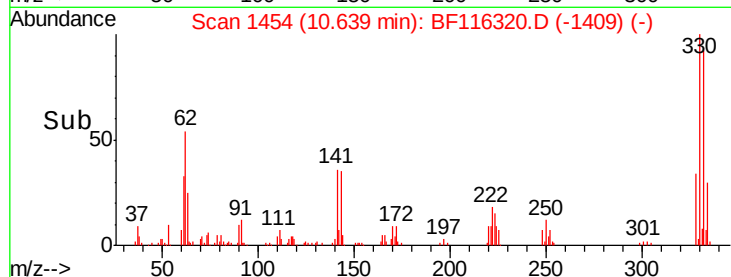
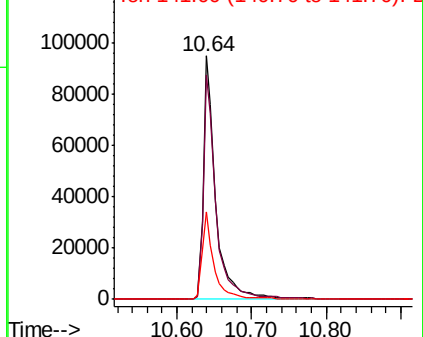
141 34.7 26.3 39.5



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: 37.354 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF116320.D

Acq: 16 Aug 2019 14:14

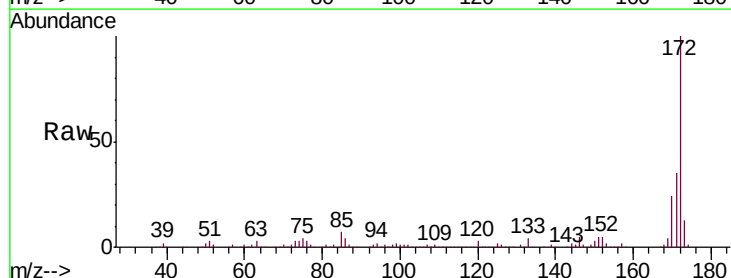
Tgt Ion:172 Resp: 461554

Ion Ratio Lower Upper

172 100

171 34.9 29.6 44.4

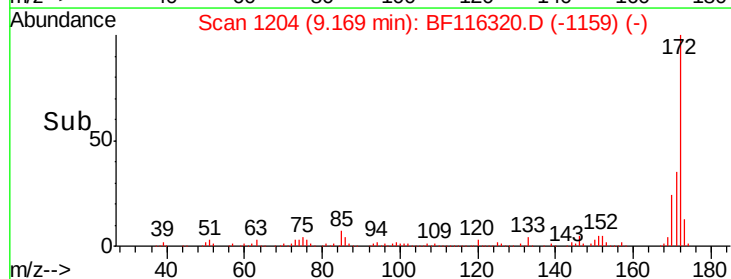
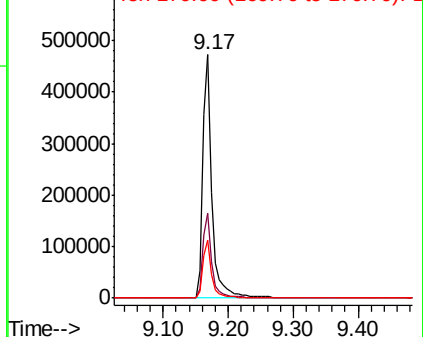
170 23.6 20.1 30.1

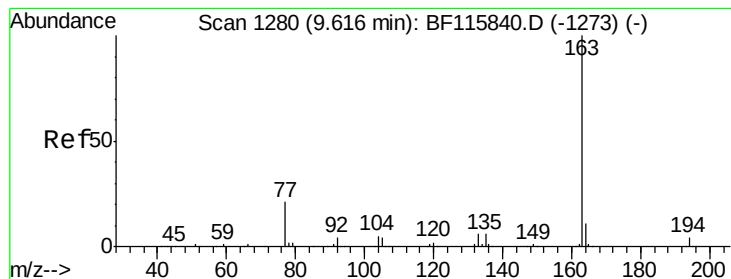


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.861 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.04 min

Lab File: BF116320.D

Acq: 16 Aug 2019 14:14

Instrument :

BNA_F

ClientSampleId :

TP-1

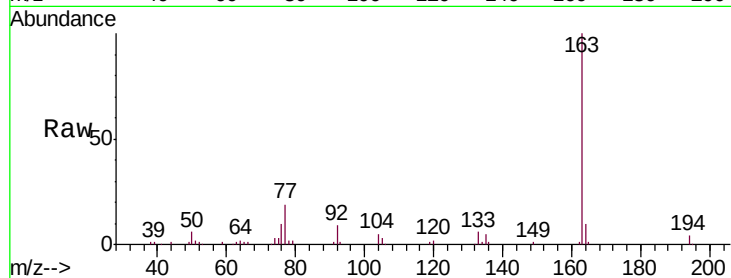
Tgt Ion:163 Resp: 123884

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

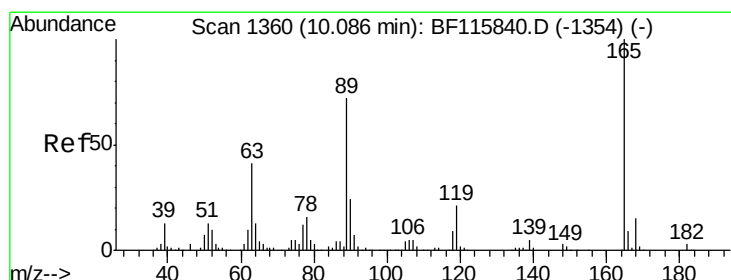
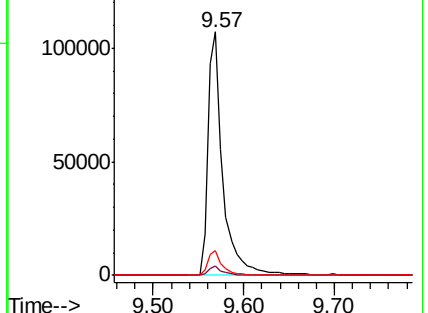
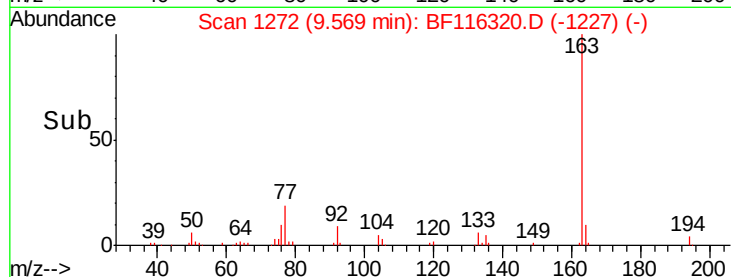
164 10.4 8.4 12.6



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: 6.406 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.24 min

Lab File: BF116320.D

Acq: 16 Aug 2019 14:14

Tgt Ion:165 Resp: 29210

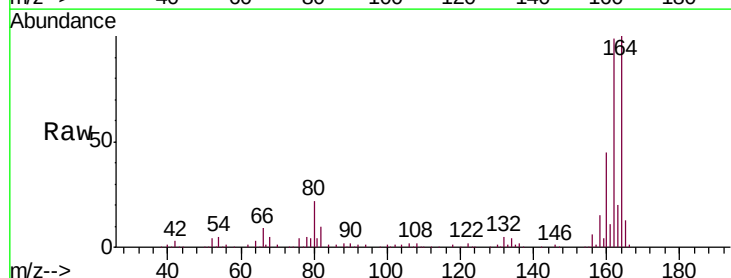
Ion Ratio Lower Upper

165 100

63 0.0 39.6 59.4#

89 1.0 62.2 93.2#

182 0.0 2.1 3.1#

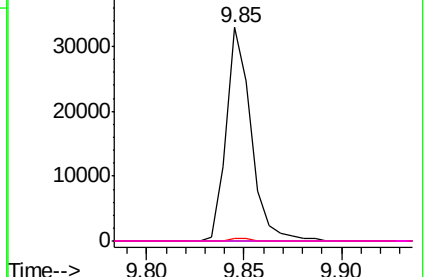
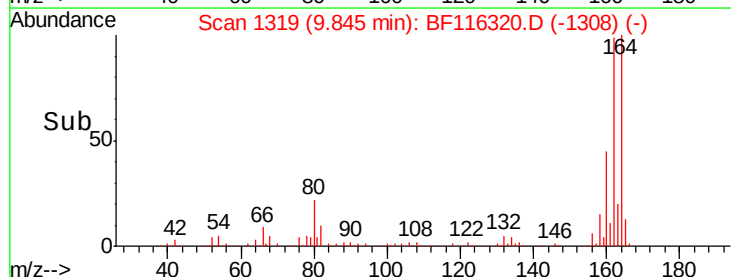


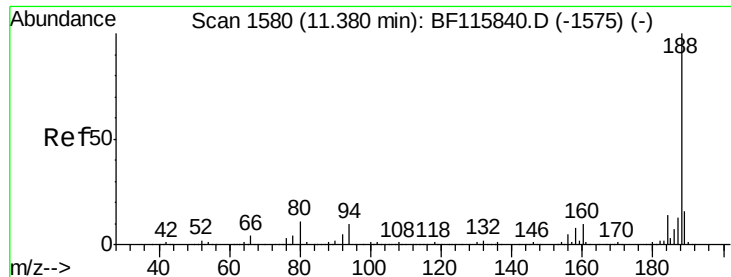
Abundance Ion 165.00 (164.70 to 165.70): E

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

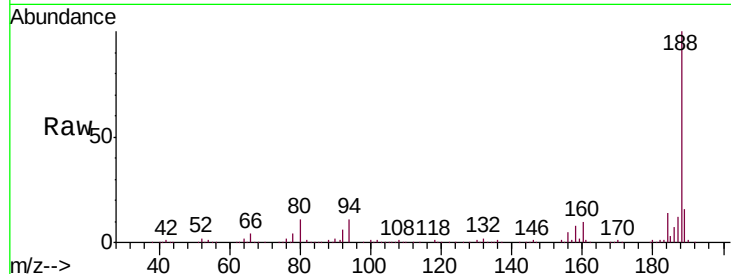




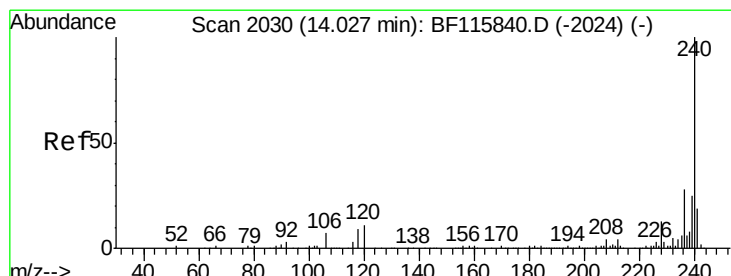
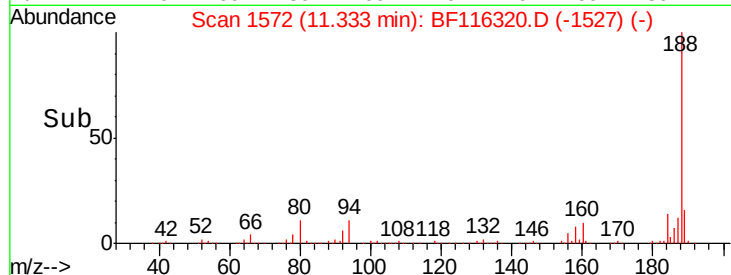
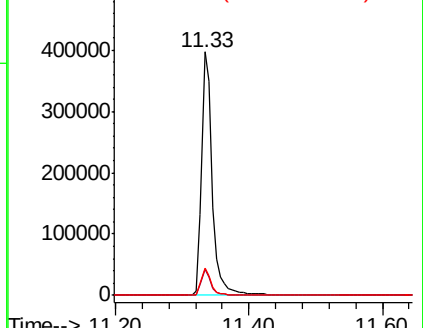
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.04 min
Lab File: BF116320.D
Acq: 16 Aug 2019 14:14

Instrument :
BNA_F
ClientSampled :
TP-1

Tgt Ion:188 Resp: 421817
Ion Ratio Lower Upper
188 100
94 10.7 8.1 12.1
80 11.4 8.7 13.1

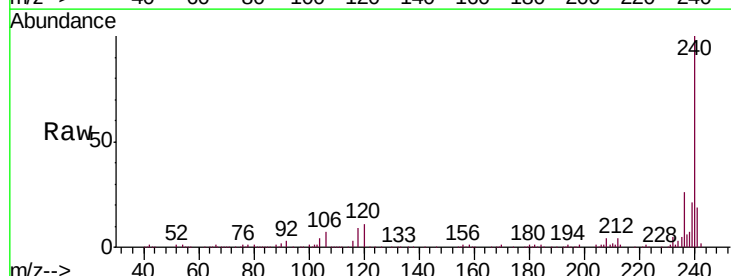


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

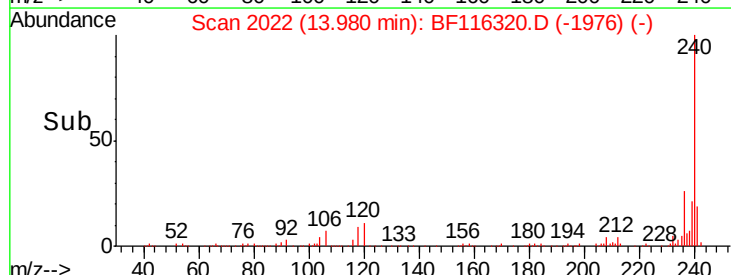
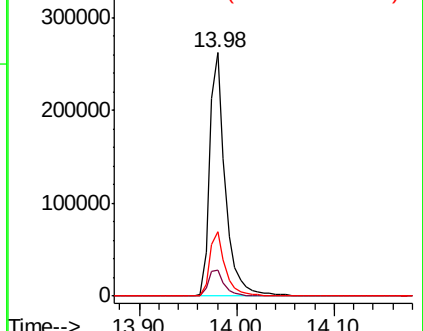


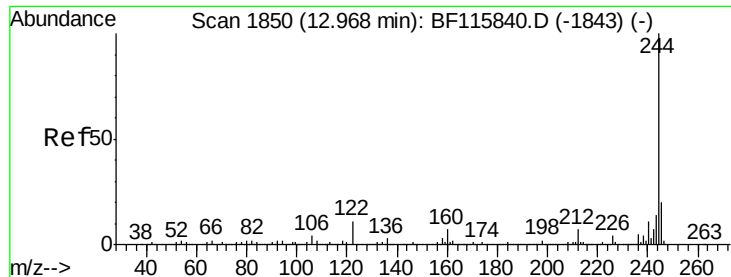
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116320.D
Acq: 16 Aug 2019 14:14

Tgt Ion:240 Resp: 289745
Ion Ratio Lower Upper
240 100
120 10.8 10.7 16.1
236 26.3 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

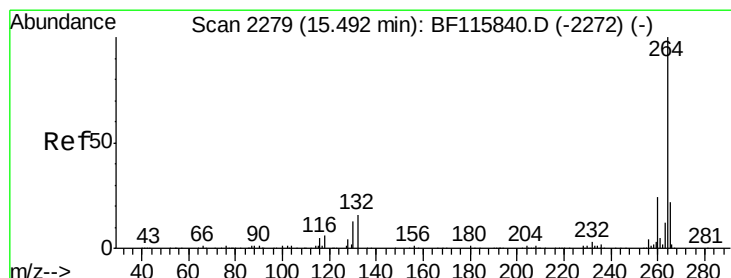
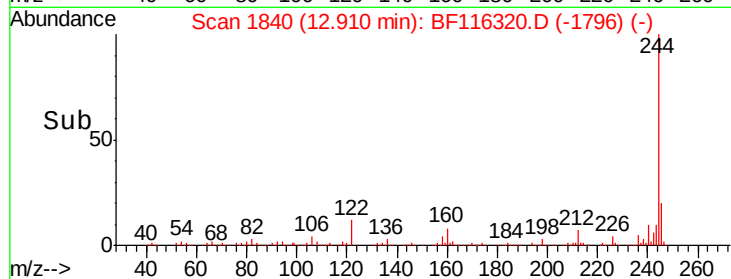
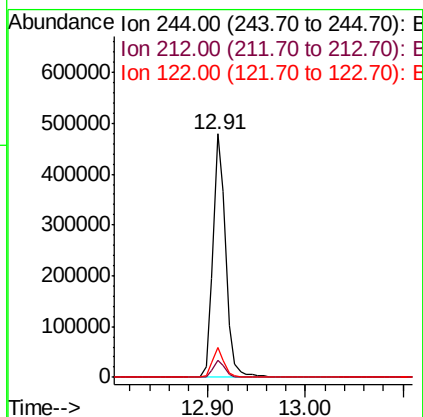
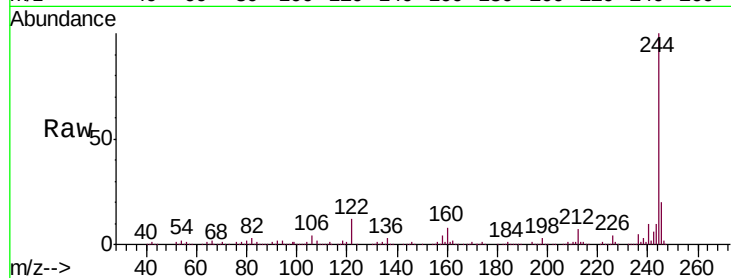




#79
 Terphenyl-d14
 Concen: 31.539 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: BF116320.D
 Acq: 16 Aug 2019 14:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion: 244 Resp: 433678
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 12.0 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.03 min
 Lab File: BF116320.D
 Acq: 16 Aug 2019 14:14

Tgt Ion: 264 Resp: 284912
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.7 29.5
 265 22.1 17.4 26.0

