

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081419\
 Data File : BF116263.D
 Acq On : 14 Aug 2019 15:31
 Operator : HP/JU
 Sample : K4228-27
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-F1-F4-COMP-(1)

Quant Time: Aug 14 16:32:15 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

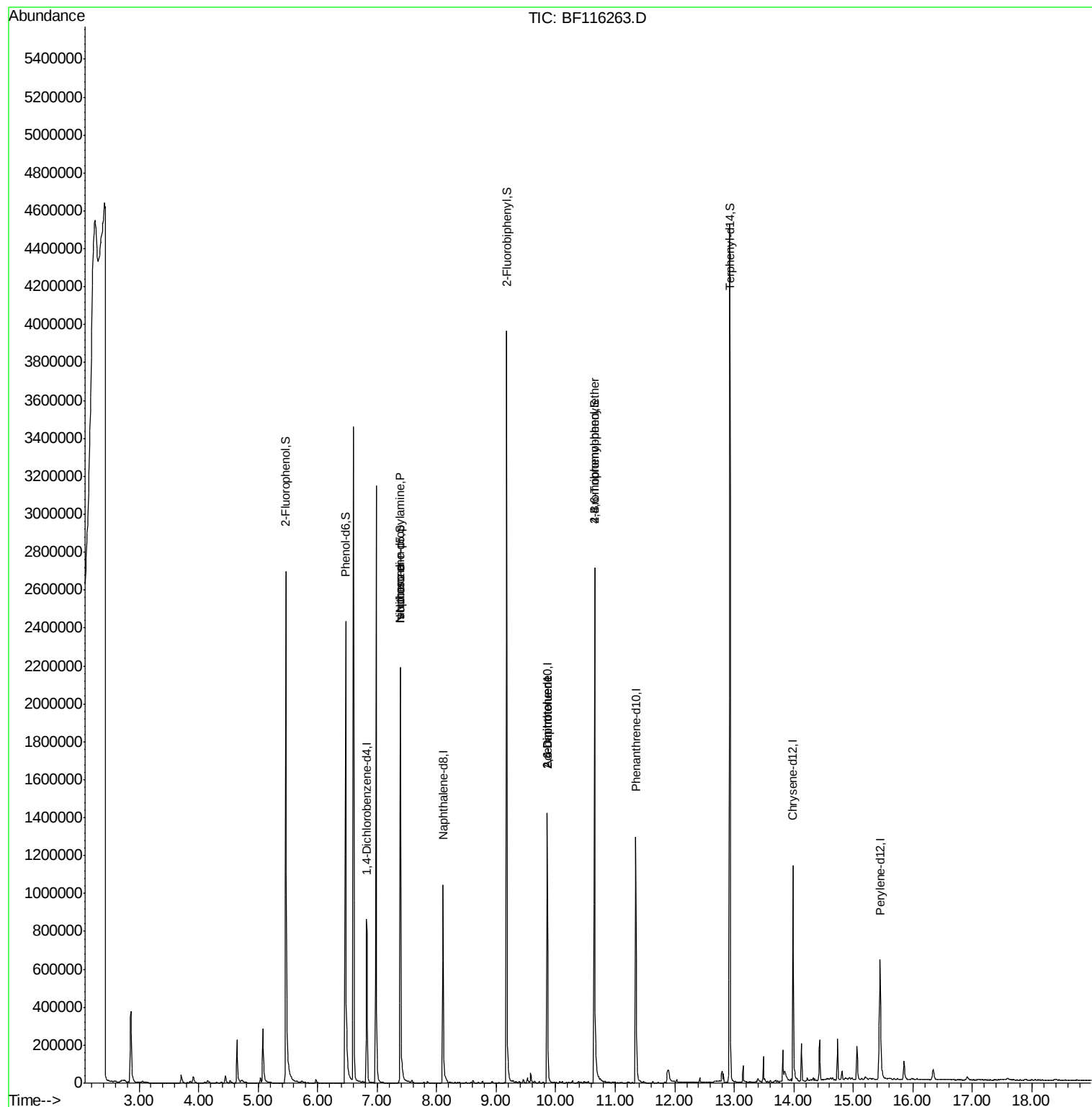
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	142807	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	553568	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	296646	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	552099	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	414756	20.00	ng	-0.02
87) Perylene-d12	15.44	264	373720	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	966442	113.29	ng	0.00
7) Phenol-d6	6.47	99	1121616	104.21	ng	-0.02
23) Nitrobenzene-d5	7.39	82	923512	96.30	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	409702	142.45	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1503821	94.95	ng	-0.02
79) Terphenyl-d14	12.93	244	1818197	92.37	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	121622	18.236	ng	# 79
25) Isophorone	7.39	82	923507	50.361	ng	# 65
51) 2,6-Dinitrotoluene	9.86	165	38575	8.788	ng	# 29
57) 2,4-Dinitrotoluene	9.86	165	38575	6.601	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	24300	4.112	ng	# 1

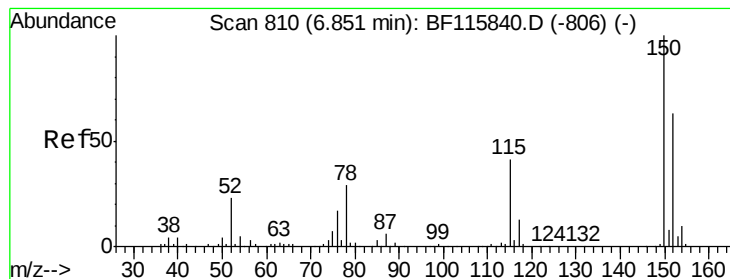
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF116263.D

Acq: 14 Aug 2019 15:31

Instrument :

BNA_F

ClientSampleId :

2S-F1-F4-COMP-(1)

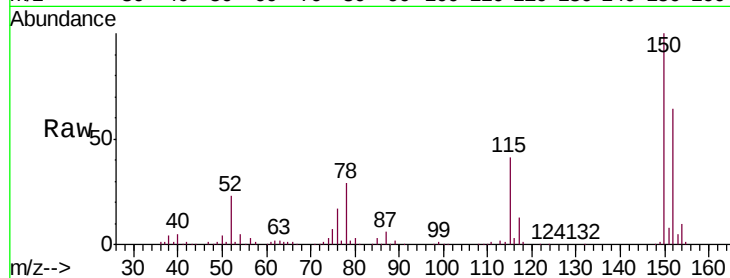
Tgt Ion:152 Resp: 142807

Ion Ratio Lower Upper

152 100

150 156.8 126.2 189.2

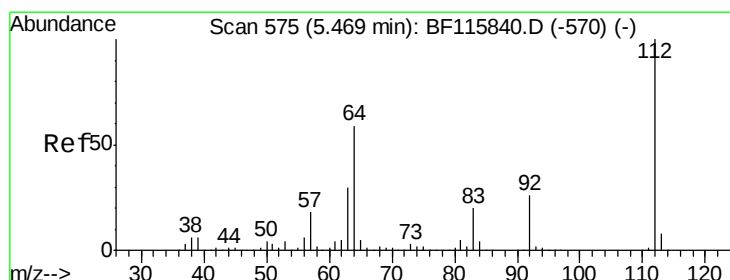
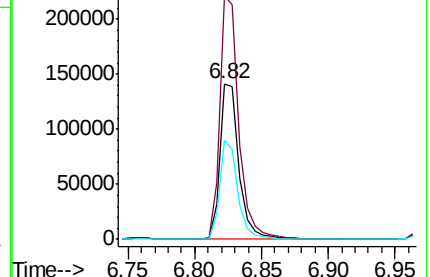
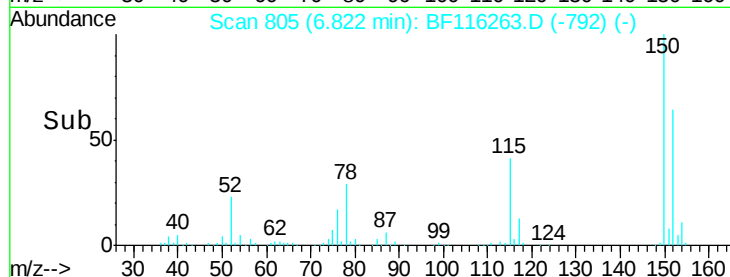
115 63.8 49.9 74.9



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: 113.292 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF116263.D

Acq: 14 Aug 2019 15:31

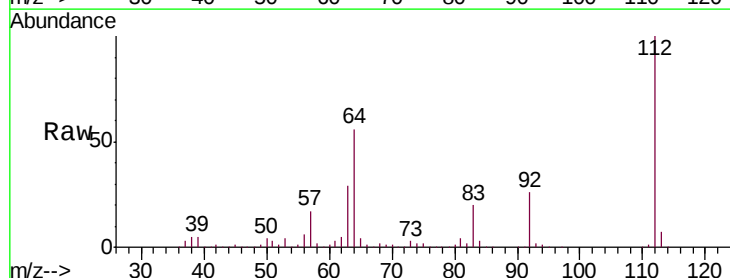
Tgt Ion:112 Resp: 966442

Ion Ratio Lower Upper

112 100

64 55.5 45.4 68.2

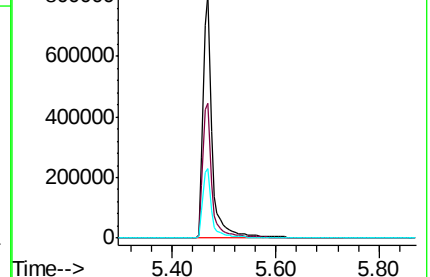
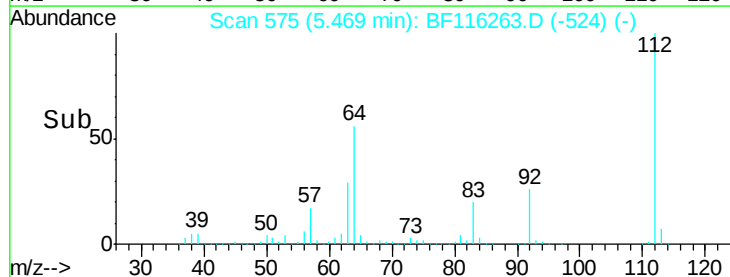
63 28.7 23.7 35.5



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: 104.212 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116263.D

Acq: 14 Aug 2019 15:31

Instrument :

BNA_F

ClientSampleId :

2S-F1-F4-COMP-(1)

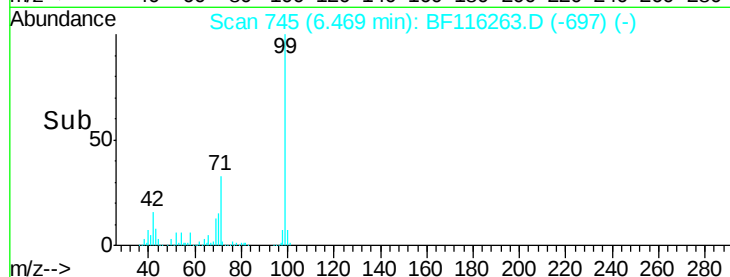
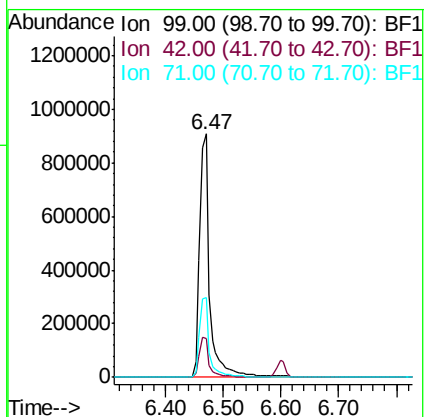
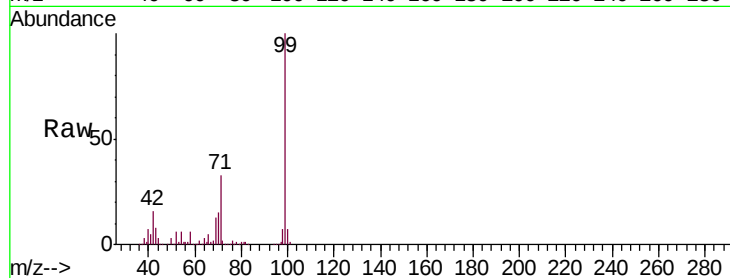
Tgt Ion: 99 Resp: 1121616

Ion Ratio Lower Upper

99 100

42 16.2 13.8 20.8

71 32.6 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 18.236 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.12 min

Lab File: BF116263.D

Acq: 14 Aug 2019 15:31

Tgt Ion: 70 Resp: 121622

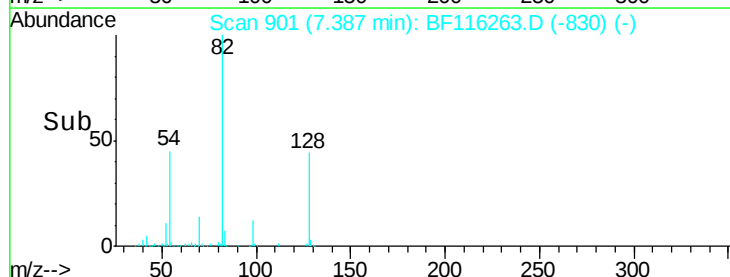
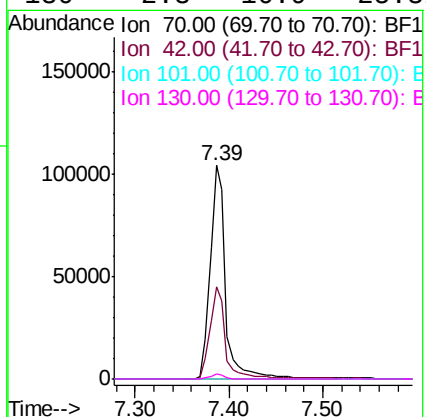
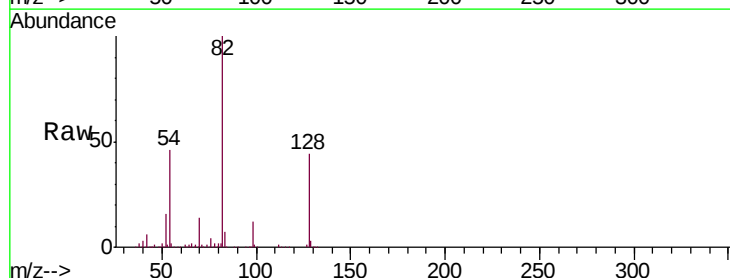
Ion Ratio Lower Upper

70 100

42 43.1 40.9 61.3

101 0.0 7.9 11.9#

130 2.3 16.9 25.3#

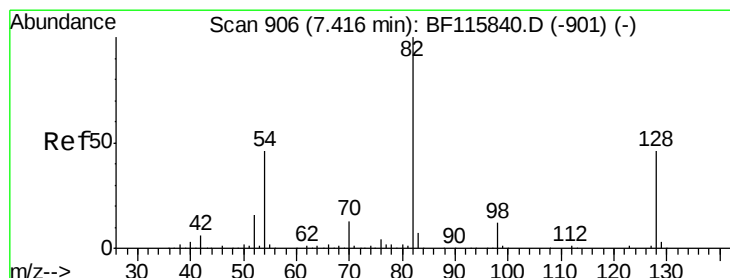
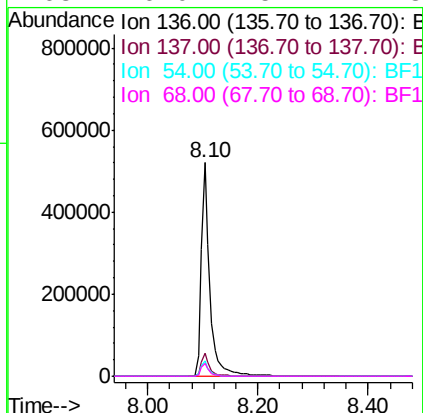
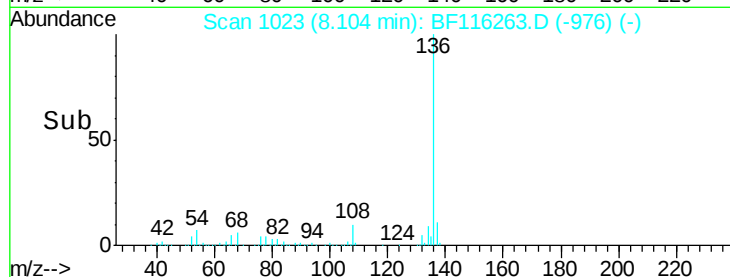
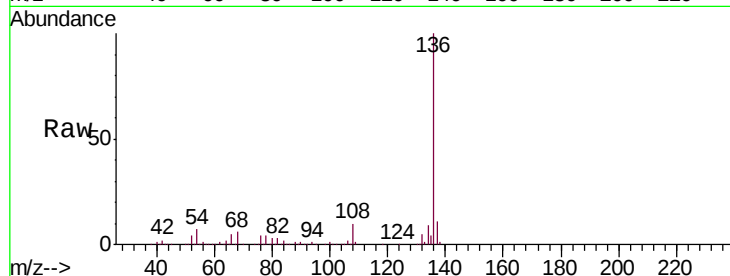




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116263.D
Acq: 14 Aug 2019 15:31

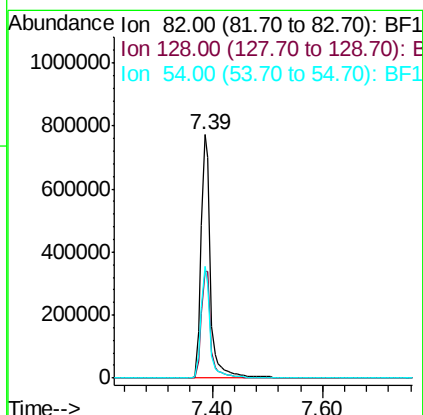
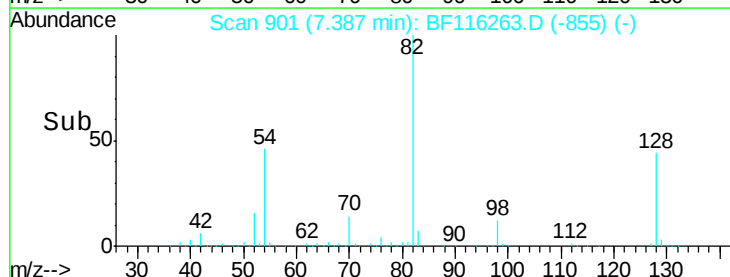
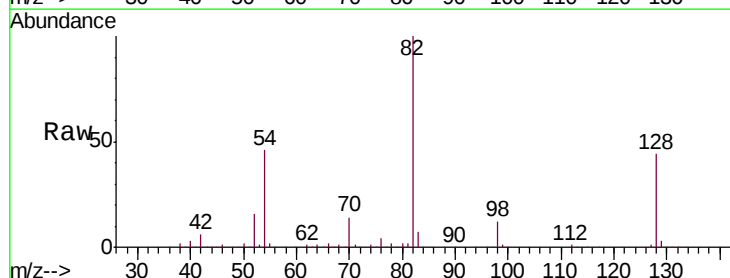
Instrument :
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Tgt Ion:	136	Resp:	553568
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.1	5.8	8.6
68	6.0	5.2	7.8



#23
Nitrobenzene-d5
Concen: 96.299 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.03 min
Lab File: BF116263.D
Acq: 14 Aug 2019 15:31

Tgt Ion:	82	Resp:	923512
Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.5	54.7
54	45.9	36.0	54.0





#25

Isophorone

Concen: 50.361 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.29 min

Lab File: BF116263.D

Acq: 14 Aug 2019 15:31

Instrument :

BNA_F

ClientSampleId :

2S-F1-F4-COMP-(1)

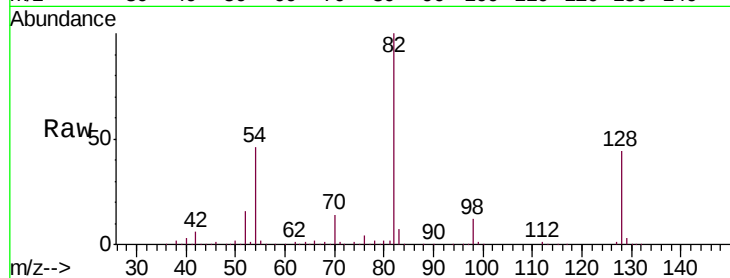
Tgt Ion: 82 Resp: 923507

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

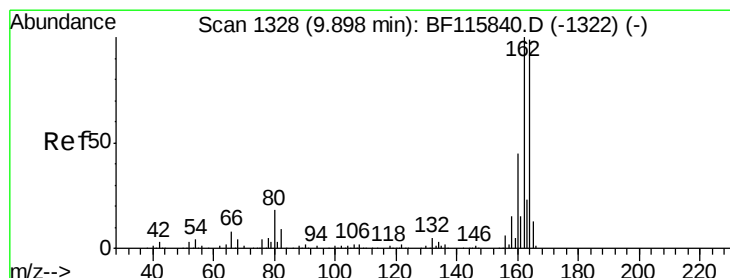
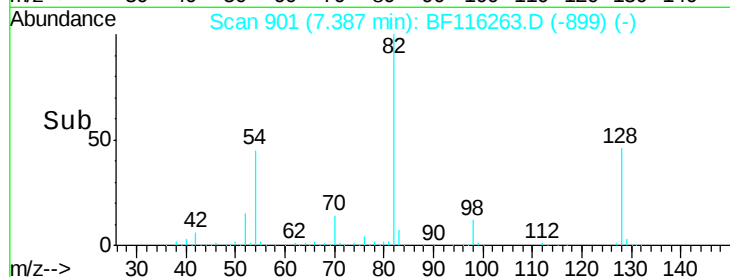
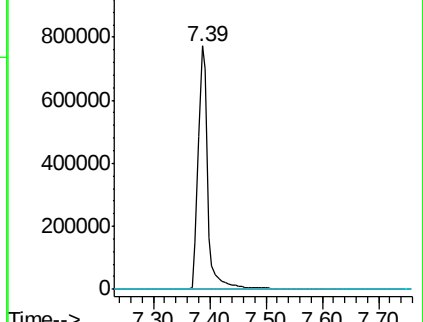
138 0.0 14.5 21.7#



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: 9.86 min Scan# 1321

Delta R.T. -0.03 min

Lab File: BF116263.D

Acq: 14 Aug 2019 15:31

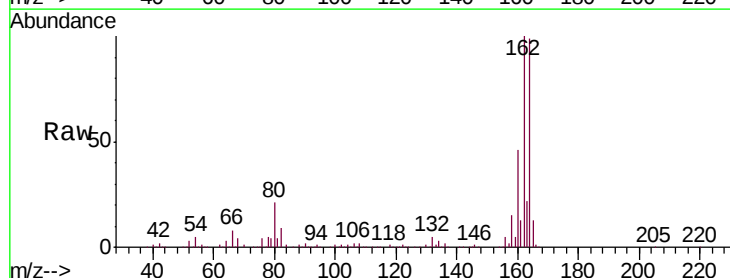
Tgt Ion: 164 Resp: 296646

Ion Ratio Lower Upper

164 100

162 101.5 82.6 124.0

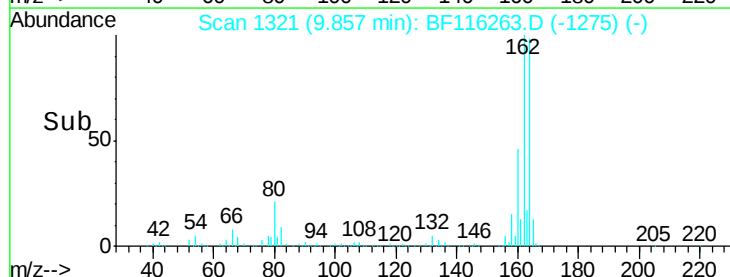
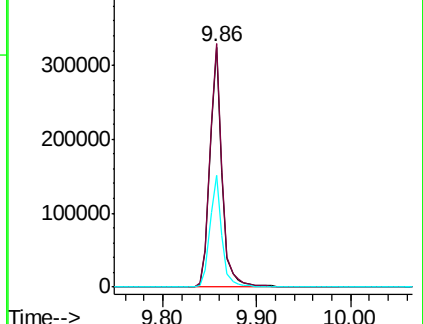
160 46.6 37.6 56.4



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

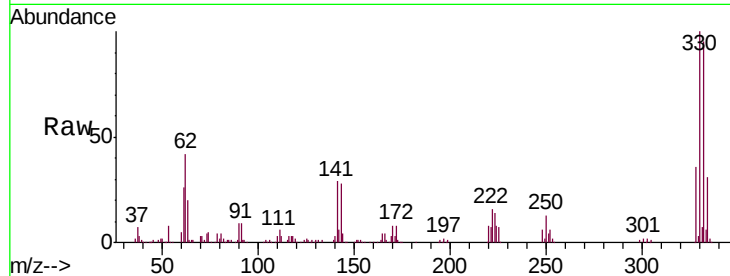




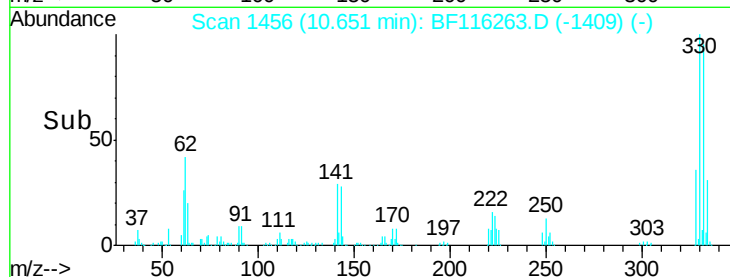
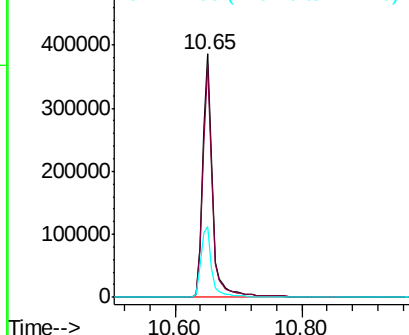
#42
 2,4,6-Tribromophenol
 Concen: 142.452 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.02 min
 Lab File: BF116263.D
 Acq: 14 Aug 2019 15:31

Instrument :
 BNA_F
 ClientSampleId :
 2S-F1-F4-COMP-(1)

Tgt Ion:330 Resp: 409702
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.8 115.2
 141 32.4 26.3 39.5

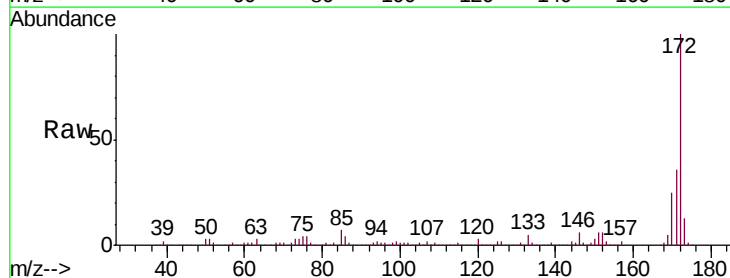


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

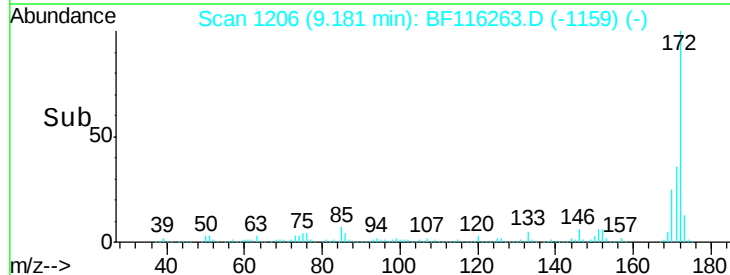
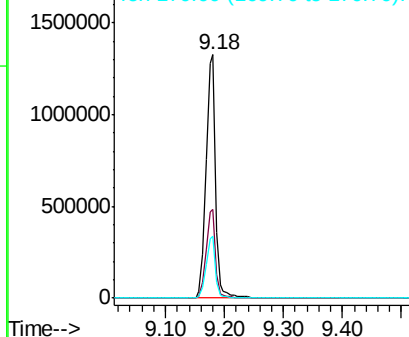


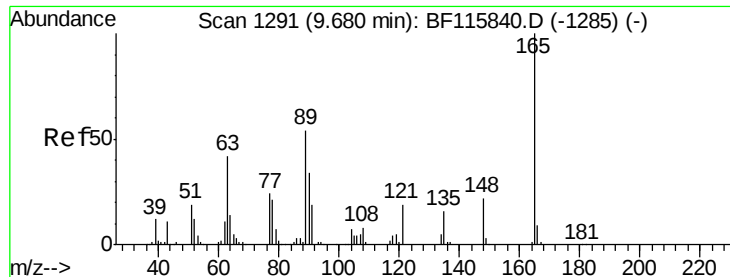
#45
 2-Fluorobiphenyl
 Concen: 94.954 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF116263.D
 Acq: 14 Aug 2019 15:31

Tgt Ion:172 Resp: 1503821
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 25.2 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

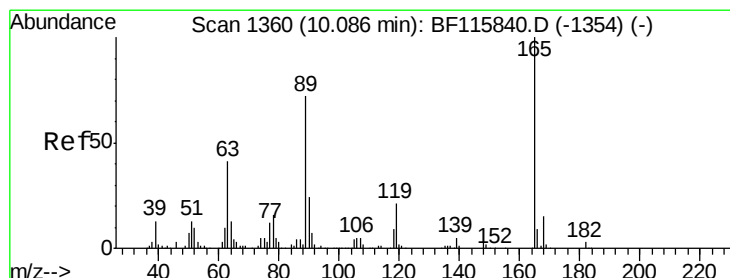
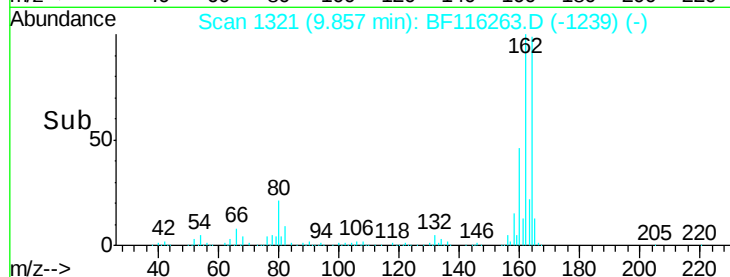
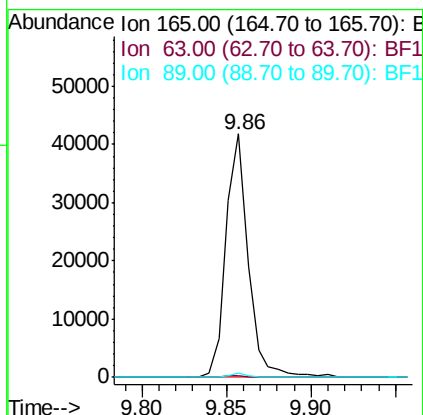
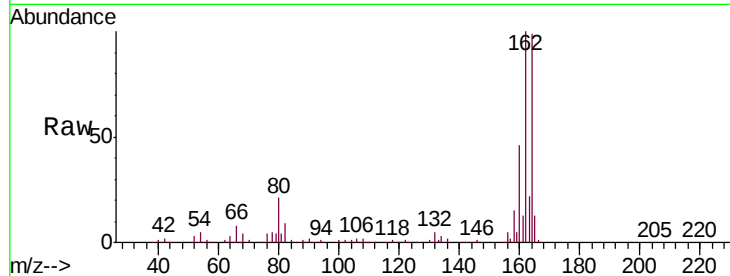




#51
 2,6-Dinitrotoluene
 Concen: 8.788 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.18 min
 Lab File: BF116263.D
 Acq: 14 Aug 2019 15:31

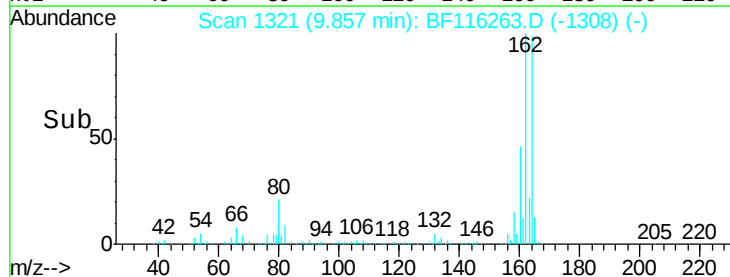
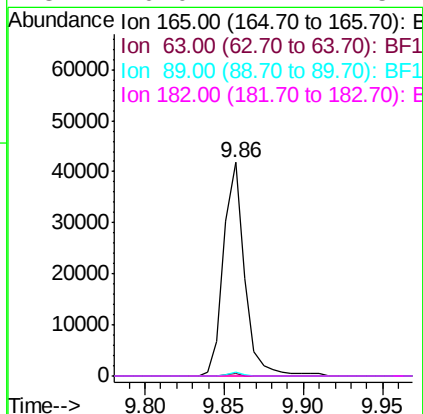
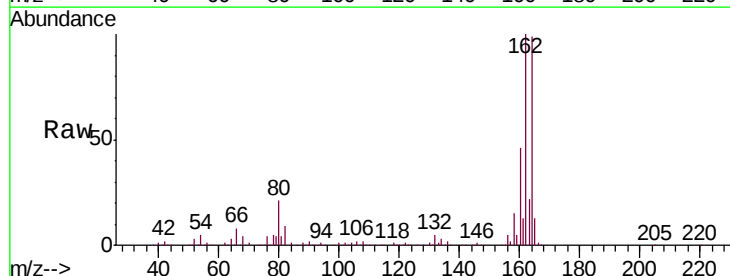
Instrument :
 BNA_F
 ClientSampleId :
 2S-F1-F4-COMP-(1)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	38.2	57.2#
89	1.7	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.601 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.22 min
 Lab File: BF116263.D
 Acq: 14 Aug 2019 15:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.6	59.4#
89	1.7	62.2	93.2#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BF116263.D

Acq: 14 Aug 2019 15:31

Instrument :

BNA_F

ClientSampleId :

2S-F1-F4-COMP-(1)

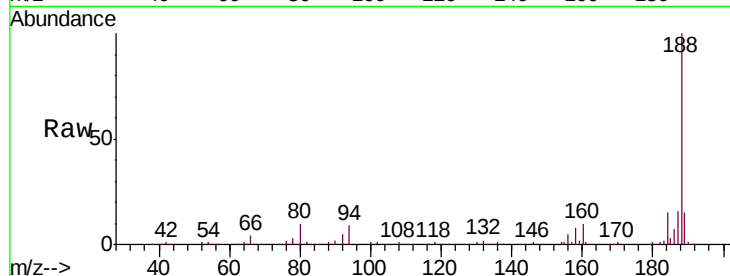
Tgt Ion:188 Resp: 552099

Ion Ratio Lower Upper

188 100

94 9.2 8.1 12.1

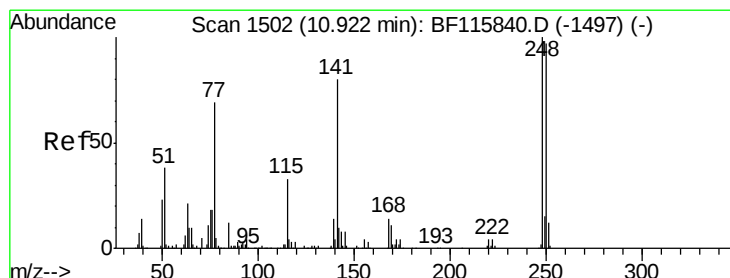
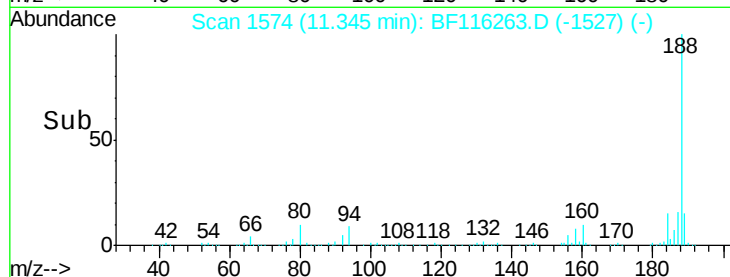
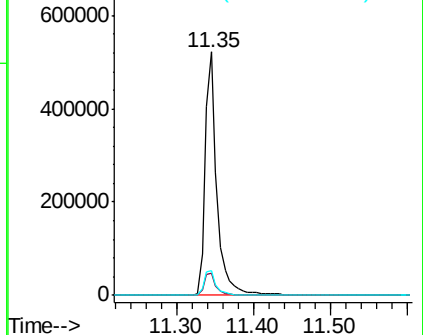
80 10.1 8.7 13.1



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



#67

4-Bromophenyl-phenylether

Concen: 4.112 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.26 min

Lab File: BF116263.D

Acq: 14 Aug 2019 15:31

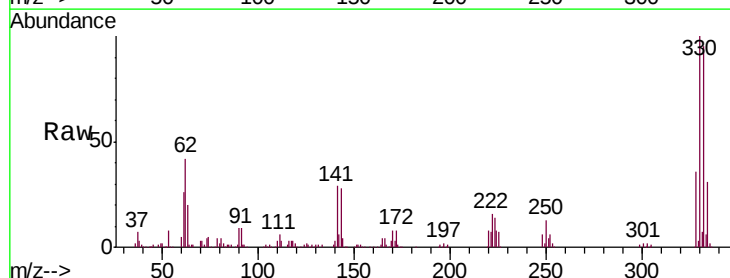
Tgt Ion:248 Resp: 24300

Ion Ratio Lower Upper

248 100

250 210.1 77.4 116.2#

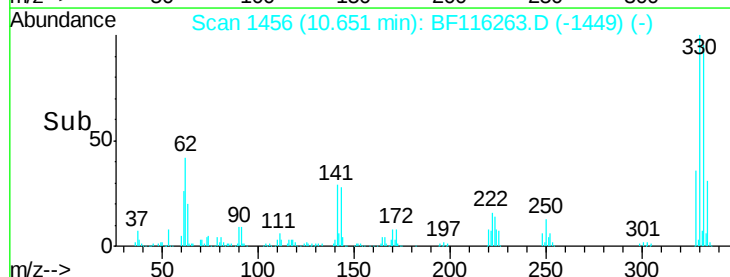
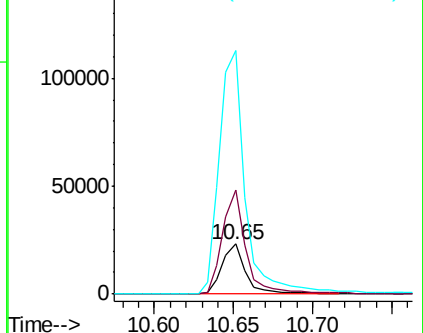
141 488.9 56.8 85.2#



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

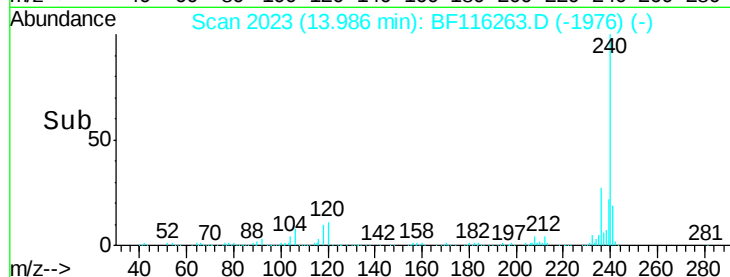
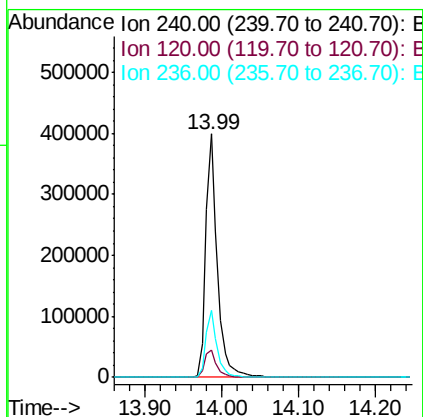
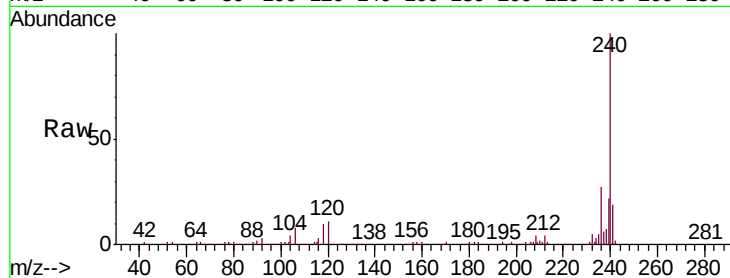




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF116263.D
Acq: 14 Aug 2019 15:31

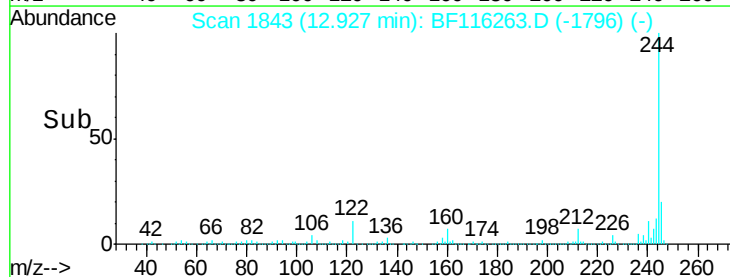
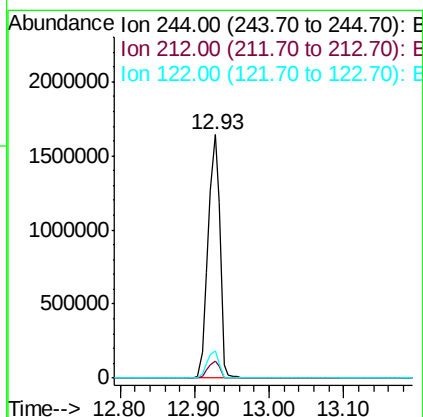
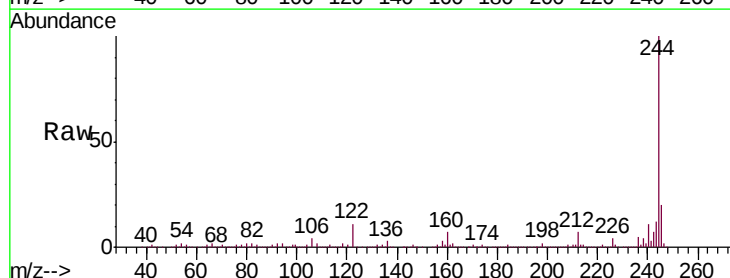
Instrument :
BNA_F
ClientSampleId :
2S-F1-F4-COMP-(1)

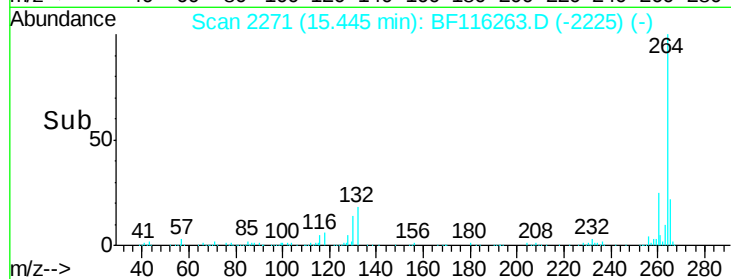
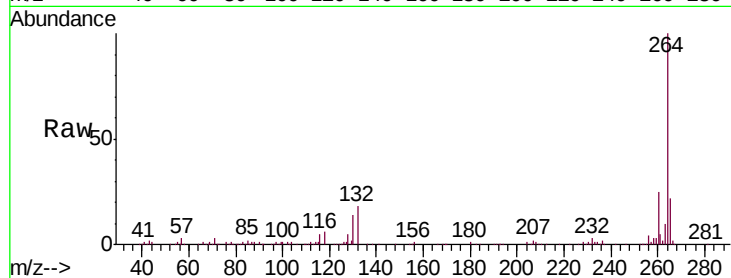
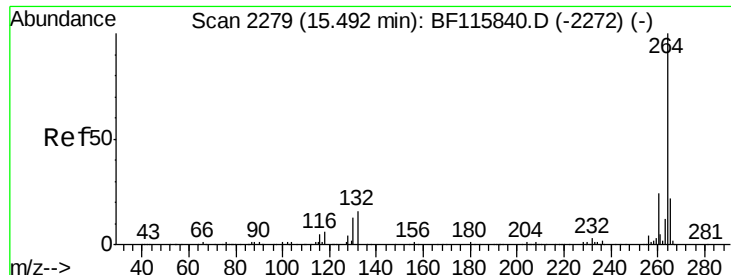
Tgt Ion:240 Resp: 414756
Ion Ratio Lower Upper
240 100
120 11.1 10.7 16.1
236 27.3 22.2 33.2



#79
Terphenyl-d14
Concen: 92.373 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BF116263.D
Acq: 14 Aug 2019 15:31

Tgt Ion:244 Resp: 1818197
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 11.0 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: BF116263.D
Acq: 14 Aug 2019 15:31

Instrument :
BNA_F
ClientSampleId :
2S-F1-F4-COMP-(1)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.6	17.4	26.0

