

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081419\
 Data File : BF116264.D
 Acq On : 14 Aug 2019 16:15
 Operator : HP/JU
 Sample : K4228-37
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-I1-I4-COMP-(1)

Quant Time: Aug 14 18:37:23 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

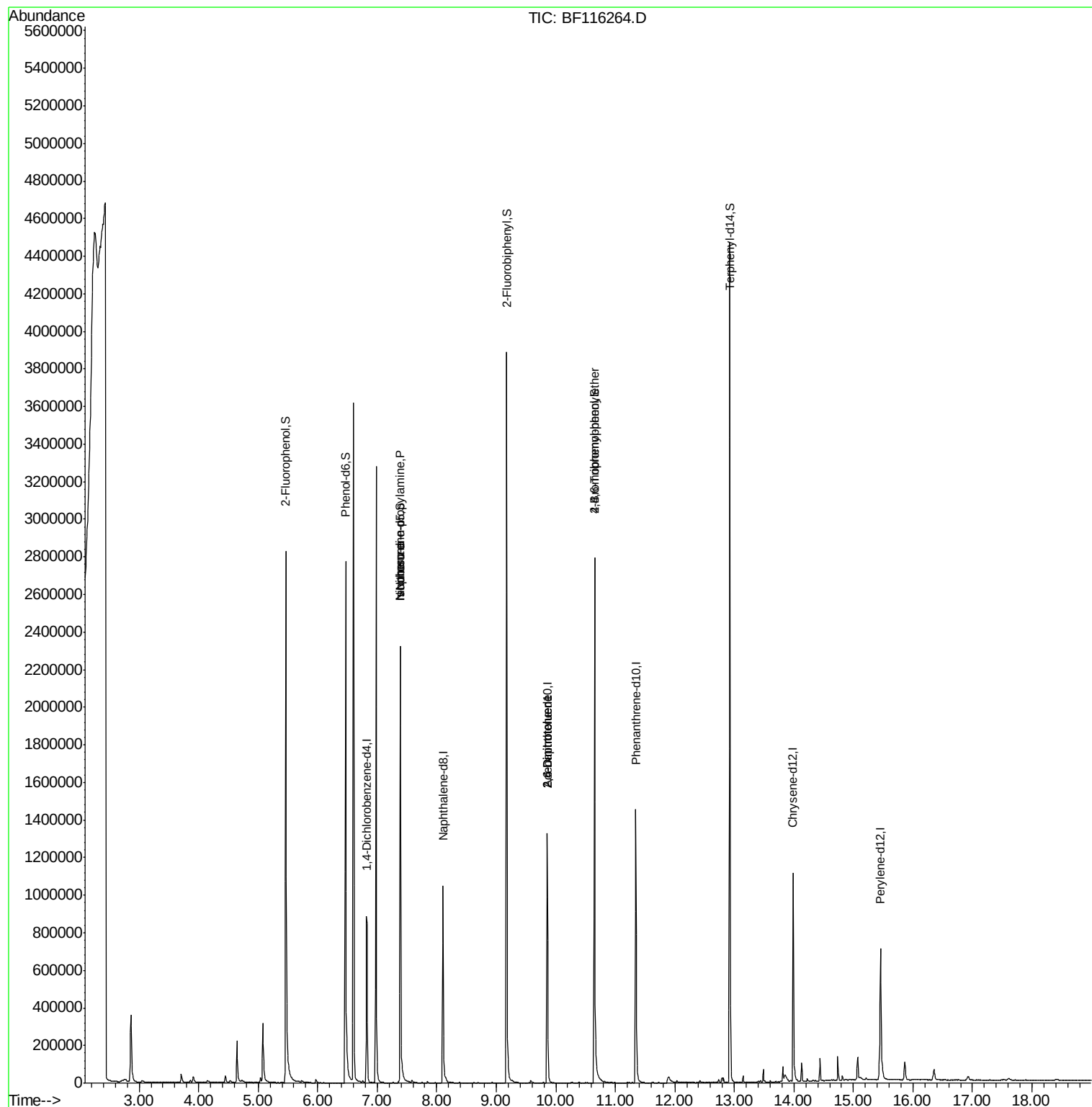
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	147731	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	575042	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	311480	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	574069	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	446659	20.00	ng	-0.02
87) Perylene-d12	15.46	264	403946	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	991862	112.40	ng	0.00
7) Phenol-d6	6.47	99	1132146	101.68	ng	-0.02
23) Nitrobenzene-d5	7.39	82	950924	95.45	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	426435	141.21	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1589314	95.57	ng	-0.02
79) Terphenyl-d14	12.93	244	1850481	87.30	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	125408	18.177	ng	# 79
25) Isophorone	7.39	82	951701	49.961	ng	# 65
51) 2,6-Dinitrotoluene	9.86	165	40055	8.691	ng	# 29
57) 2,4-Dinitrotoluene	9.86	165	40055	6.527	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	24946	4.059	ng	# 1

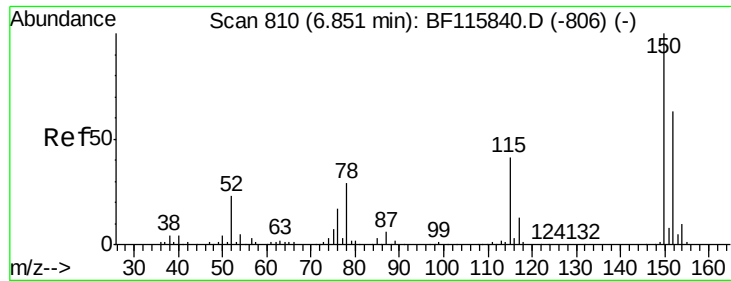
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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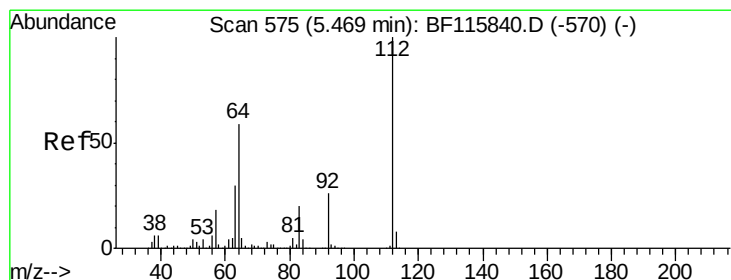
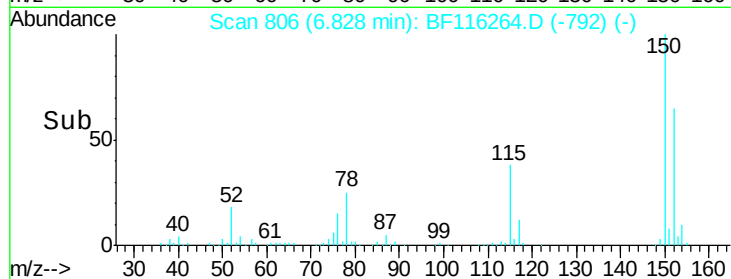
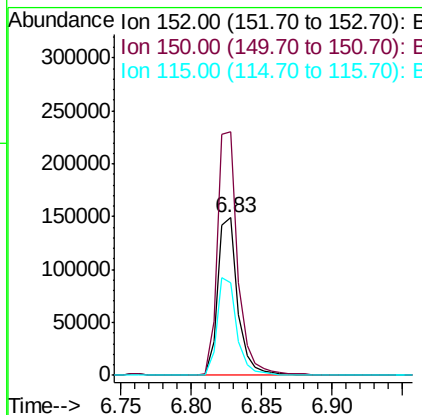
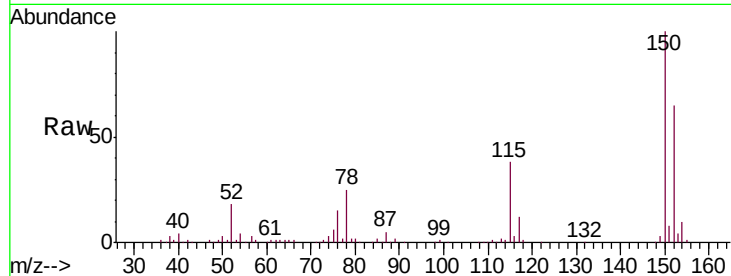


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF116264.D
 Acq: 14 Aug 2019 16:15

Instrument :
 BNA_F
 ClientSampleId :
 2S-I1-I4-COMP-(1)

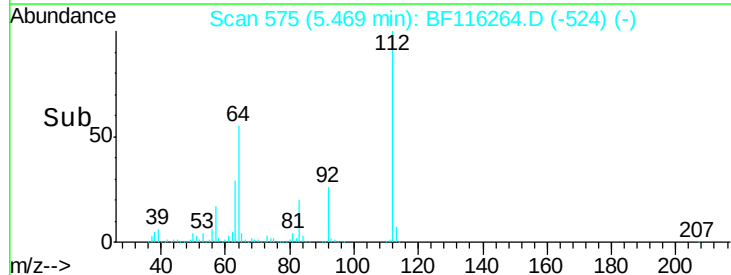
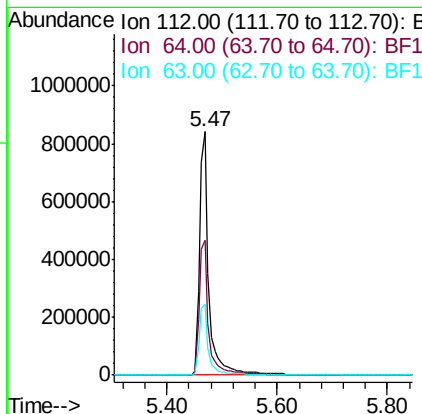
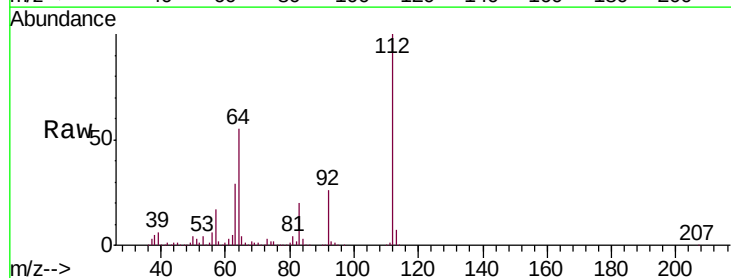
Tgt Ion:152 Resp: 147731
 Ion Ratio Lower Upper
 152 100
 150 154.8 126.2 189.2
 115 58.7 49.9 74.9

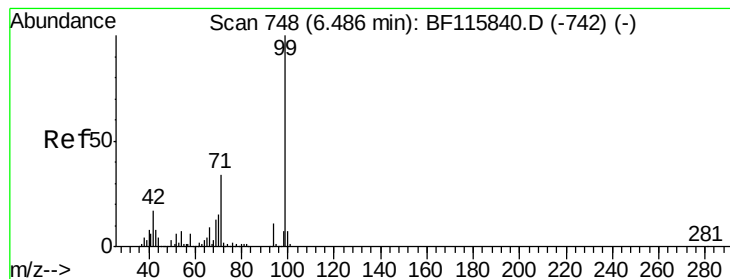


#5

2-Fluorophenol
 Concen: 112.396 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF116264.D
 Acq: 14 Aug 2019 16:15

Tgt Ion:112 Resp: 991862
 Ion Ratio Lower Upper
 112 100
 64 55.4 45.4 68.2
 63 29.0 23.7 35.5





#7

Phenol-d6

Concen: 101.684 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116264.D

Acq: 14 Aug 2019 16:15

Instrument :

BNA_F

ClientSampleId :

2S-I1-I4-COMP-(1)

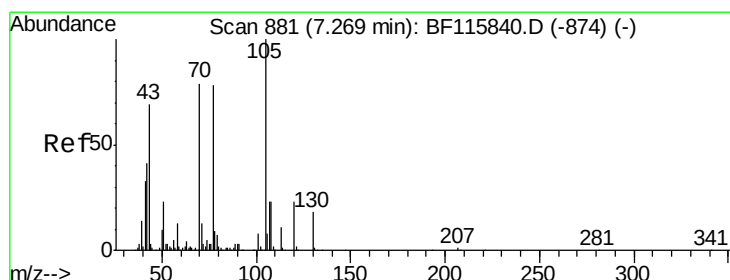
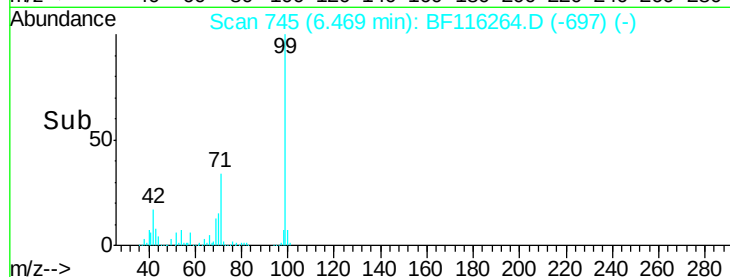
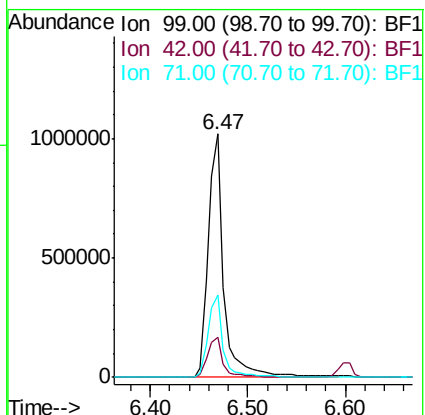
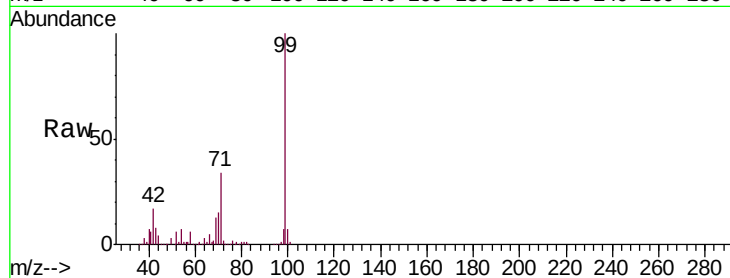
Tgt Ion: 99 Resp: 1132146

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.8

71 33.9 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 18.177 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.12 min

Lab File: BF116264.D

Acq: 14 Aug 2019 16:15

Tgt Ion: 70 Resp: 125408

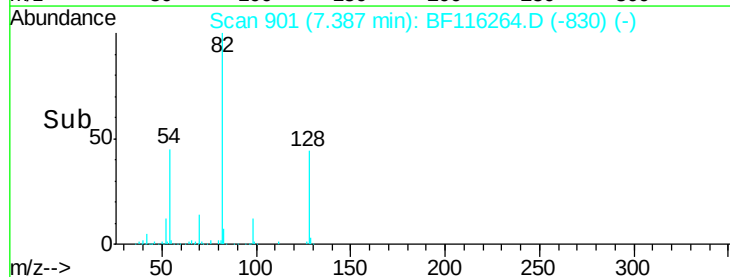
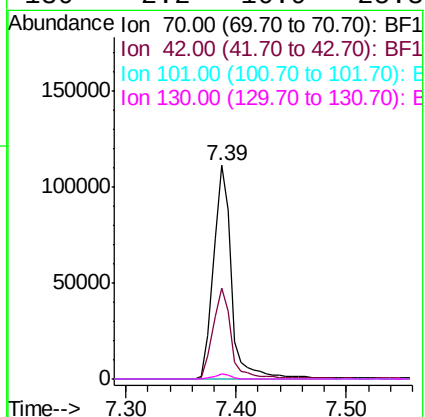
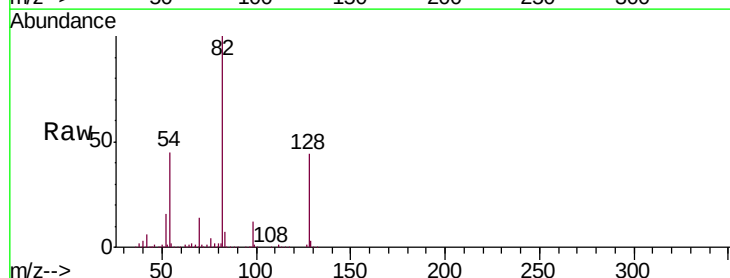
Ion Ratio Lower Upper

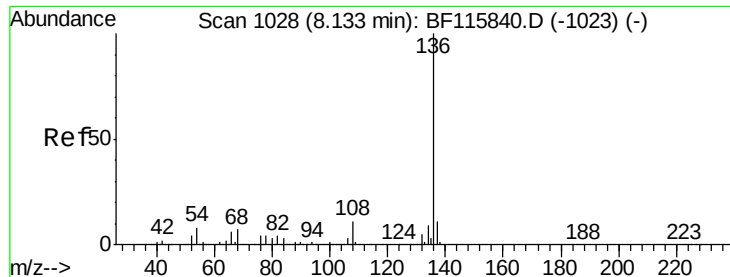
70 100

42 42.8 40.9 61.3

101 0.0 7.9 11.9#

130 2.2 16.9 25.3#

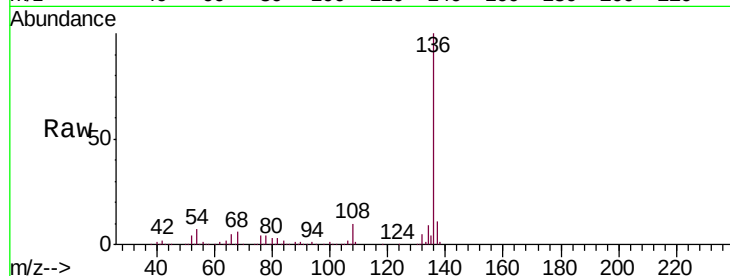




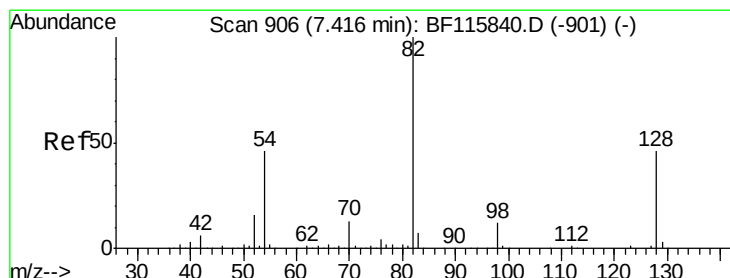
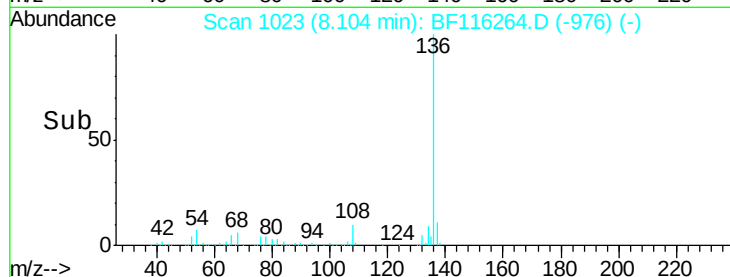
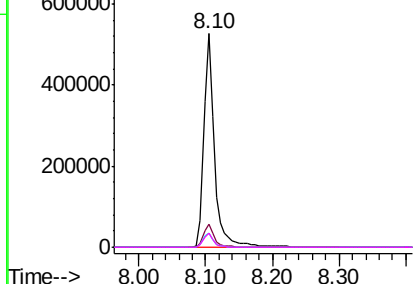
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116264.D
Acq: 14 Aug 2019 16:15

Instrument :
BNA_F
ClientSampleId :
2S-I1-I4-COMP-(1)

Tgt Ion:	136	Resp:	575042
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.7	5.8	8.6
68	6.3	5.2	7.8

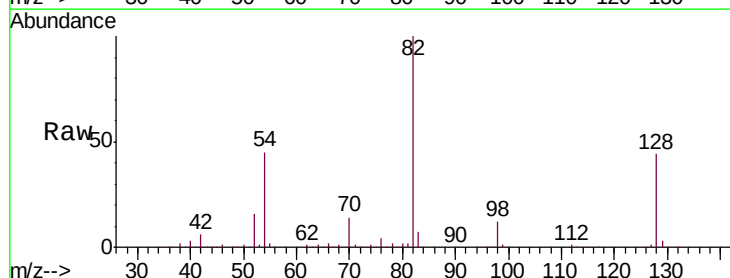


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

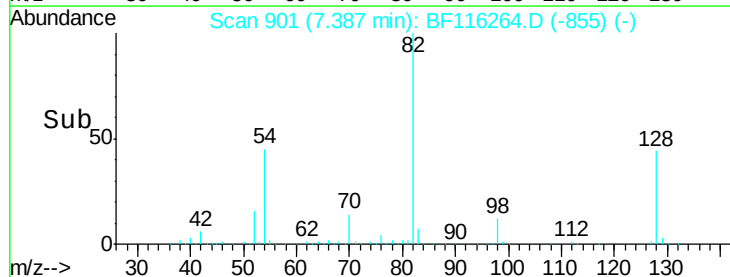
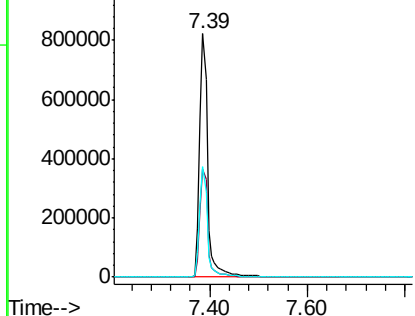


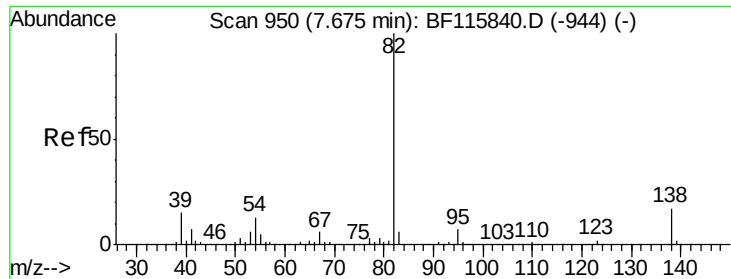
#23
Nitrobenzene-d5
Concen: 95.454 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.03 min
Lab File: BF116264.D
Acq: 14 Aug 2019 16:15

Tgt Ion:	82	Resp:	950924
Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.5	54.7
54	45.4	36.0	54.0



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: 49.961 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.29 min

Lab File: BF116264.D

Acq: 14 Aug 2019 16:15

Instrument :

BNA_F

ClientSampleId :

2S-I1-I4-COMP-(1)

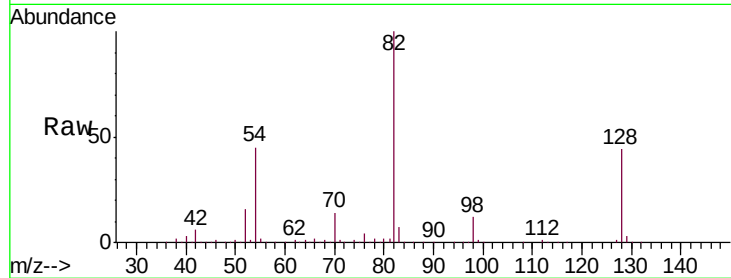
Tgt Ion: 82 Resp: 951701

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

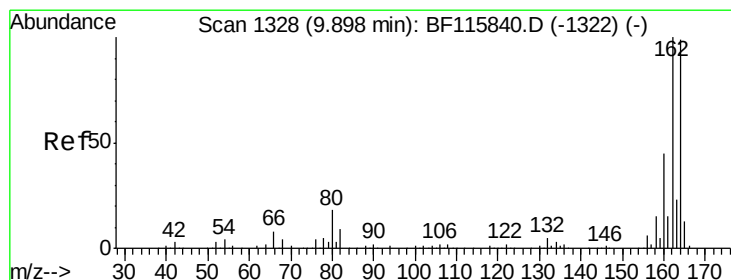
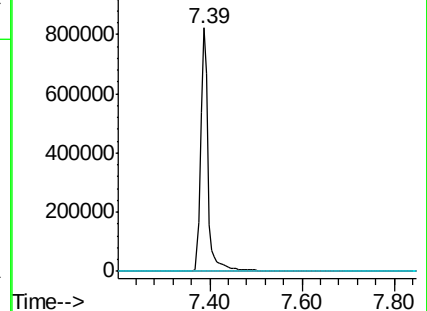
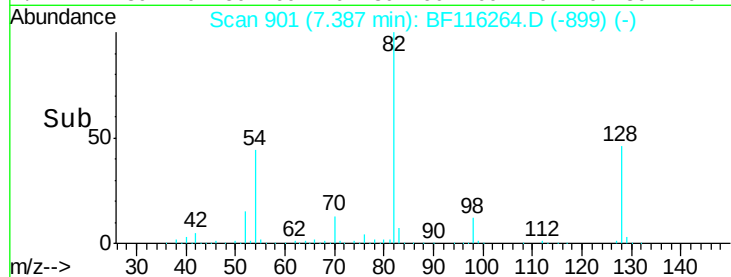
138 0.0 14.5 21.7#



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: BF116264.D

Acq: 14 Aug 2019 16:15

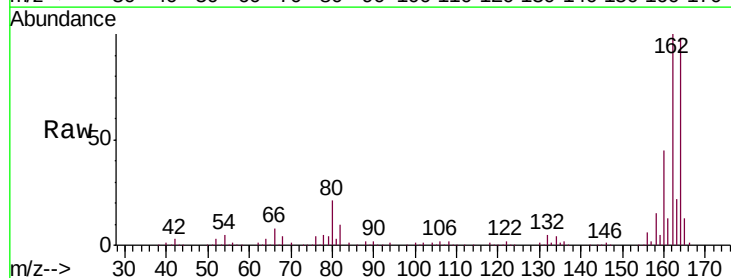
Tgt Ion: 164 Resp: 311480

Ion Ratio Lower Upper

164 100

162 101.6 82.6 124.0

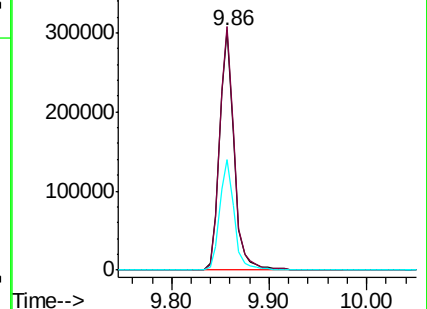
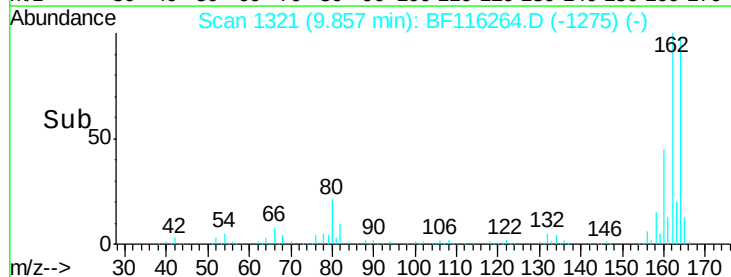
160 46.1 37.6 56.4

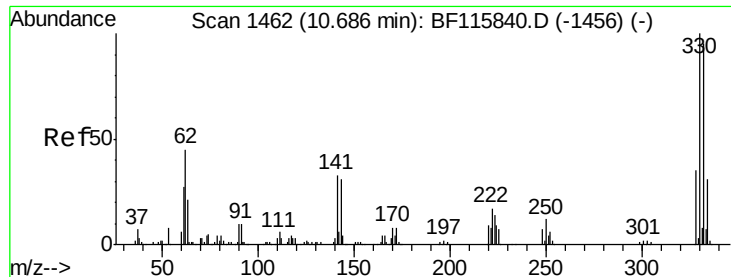


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

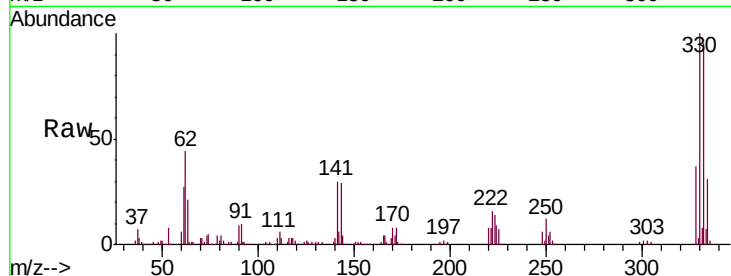




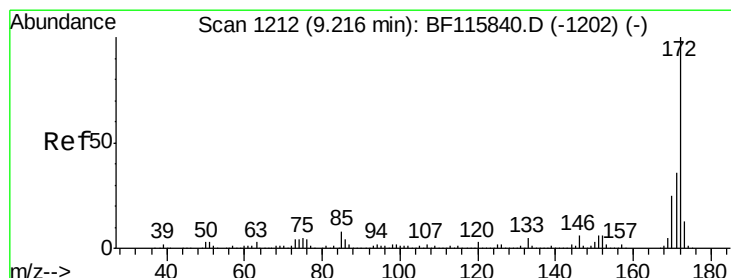
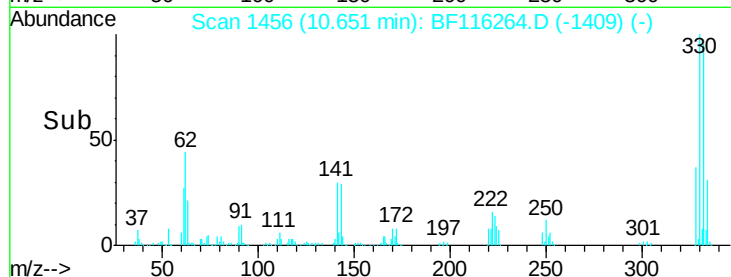
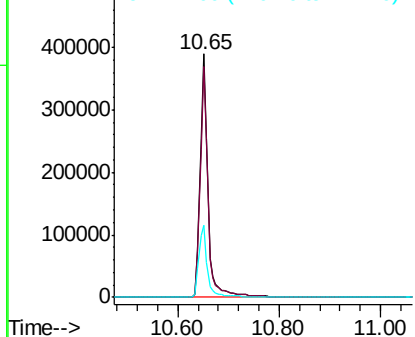
#42
 2,4,6-Tribromophenol
 Concen: 141.209 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.02 min
 Lab File: BF116264.D
 Acq: 14 Aug 2019 16:15

Instrument :
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 2S-I1-I4-COMP-(1)

Tgt Ion:330 Resp: 426435
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.8 115.2
 141 32.2 26.3 39.5

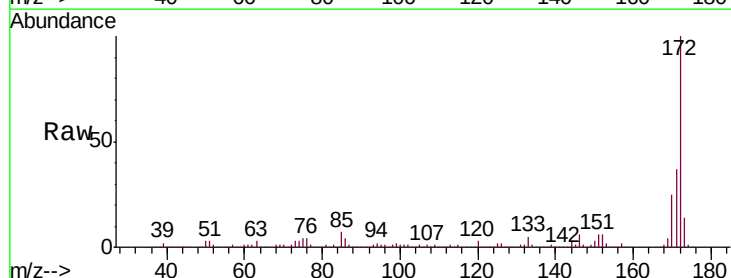


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

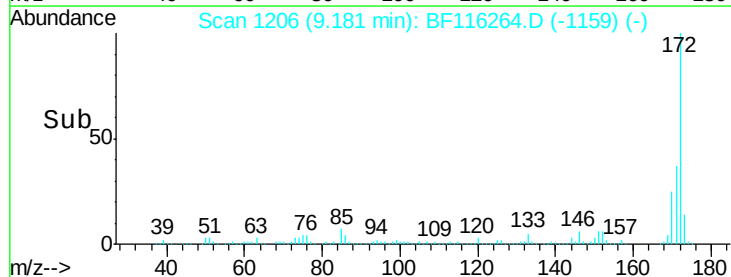
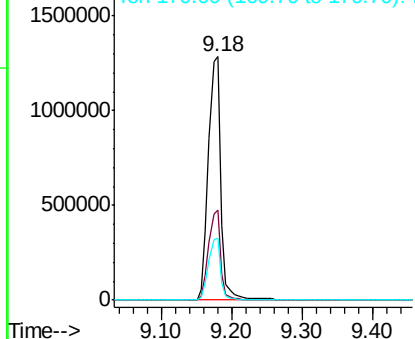


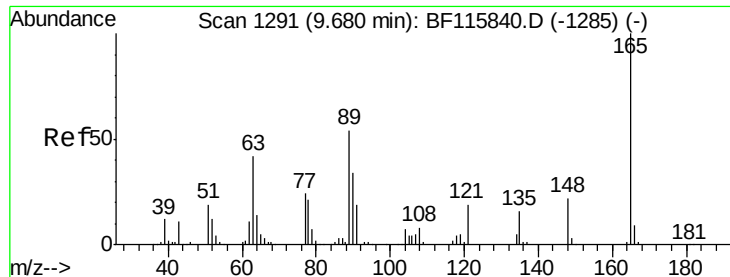
#45
 2-Fluorobiphenyl
 Concen: 95.573 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BF116264.D
 Acq: 14 Aug 2019 16:15

Tgt Ion:172 Resp: 1589314
 Ion Ratio Lower Upper
 172 100
 171 36.8 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

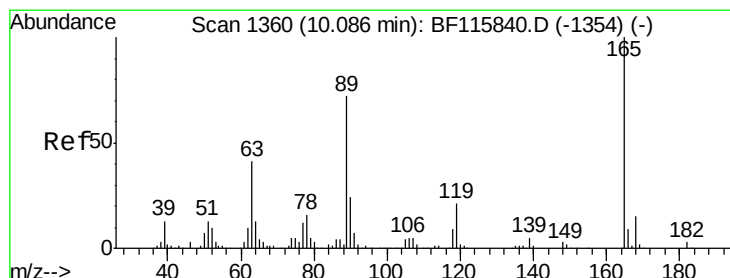
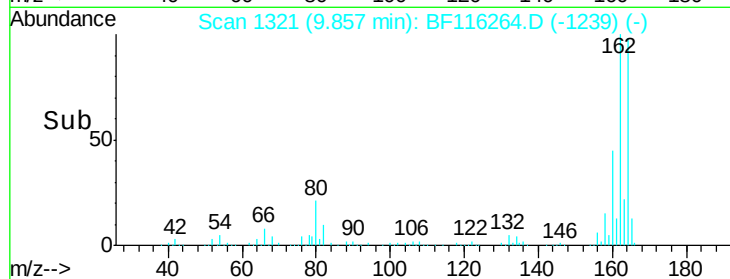
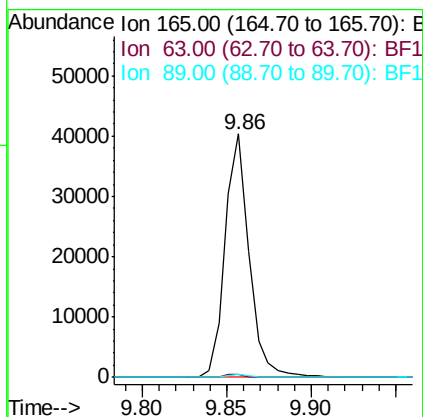
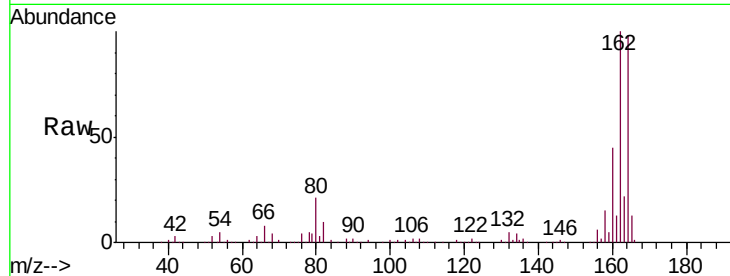




#51
 2,6-Dinitrotoluene
 Concen: 8.691 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.18 min
 Lab File: BF116264.D
 Acq: 14 Aug 2019 16:15

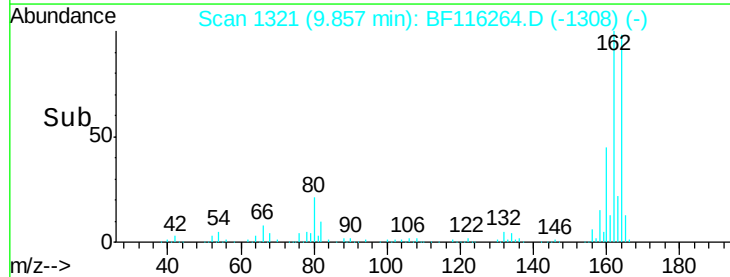
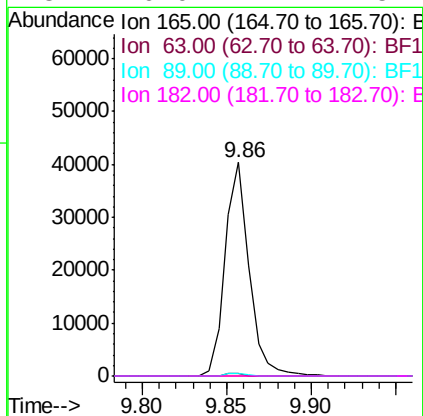
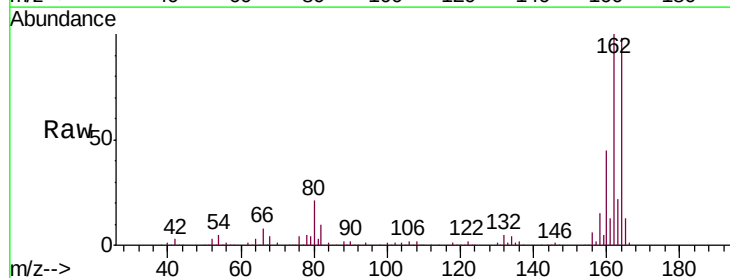
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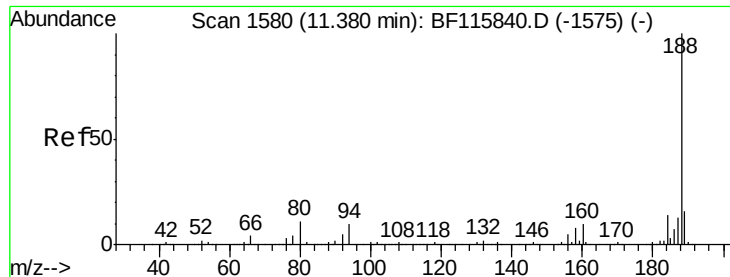
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	38.2	57.2#
89	1.3	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.527 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.22 min
 Lab File: BF116264.D
 Acq: 14 Aug 2019 16:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	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: 11.35 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BF116264.D

Acq: 14 Aug 2019 16:15

Instrument :

BNA_F

ClientSampleId :

2S-I1-I4-COMP-(1)

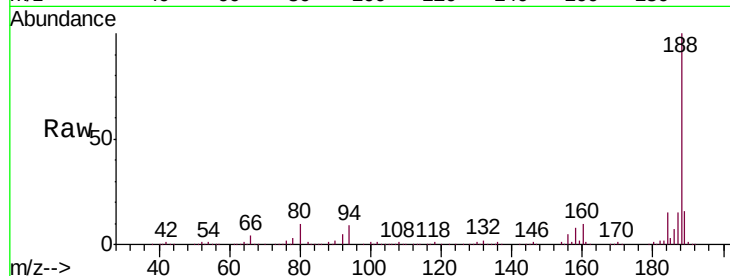
Tgt Ion:188 Resp: 574069

Ion Ratio Lower Upper

188 100

94 9.5 8.1 12.1

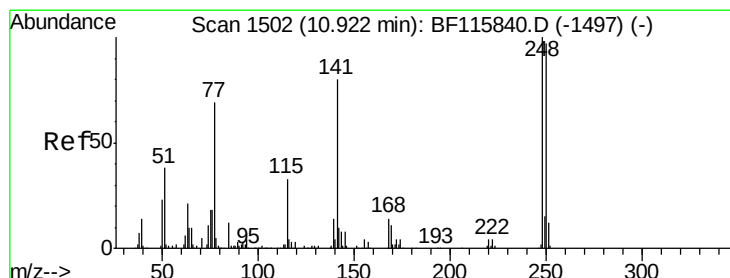
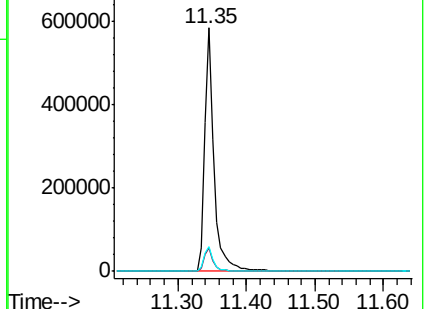
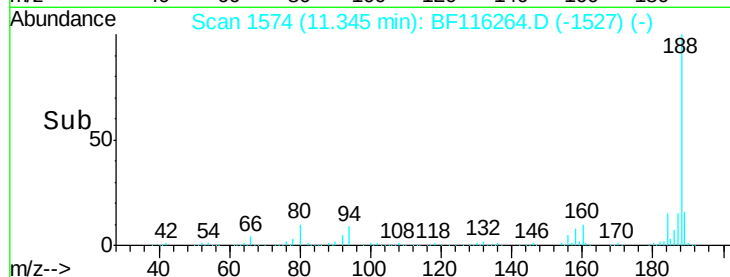
80 10.4 8.7 13.1



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



#67

4-Bromophenyl-phenylether

Concen: 4.059 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.26 min

Lab File: BF116264.D

Acq: 14 Aug 2019 16:15

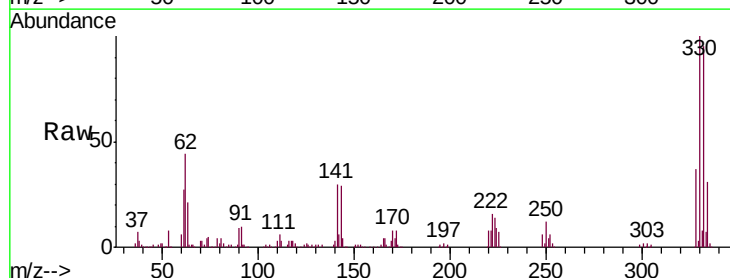
Tgt Ion:248 Resp: 24946

Ion Ratio Lower Upper

248 100

250 199.1 77.4 116.2#

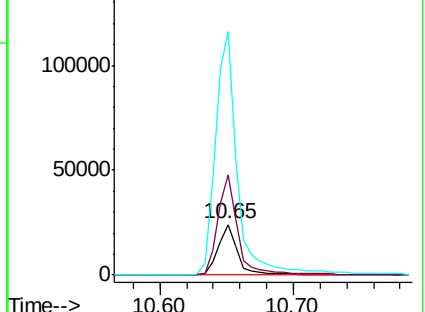
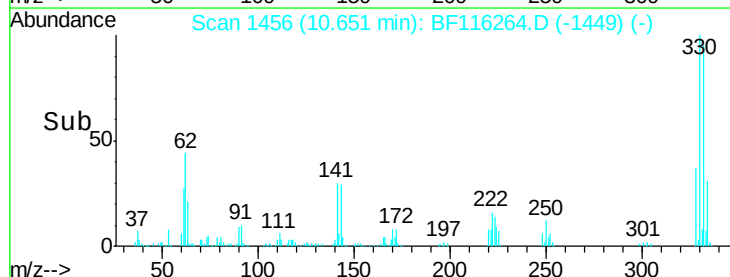
141 482.2 56.8 85.2#

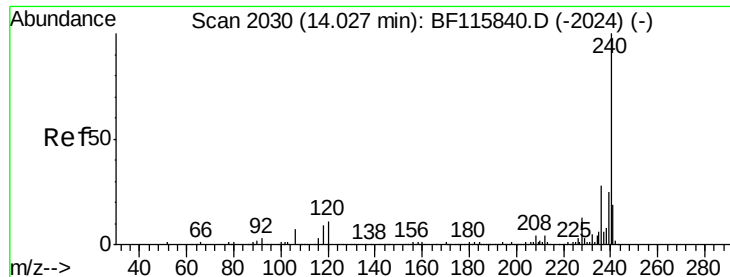


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF116264.D

Acq: 14 Aug 2019 16:15

Instrument :

BNA_F

ClientSampleId :

2S-I1-I4-COMP-(1)

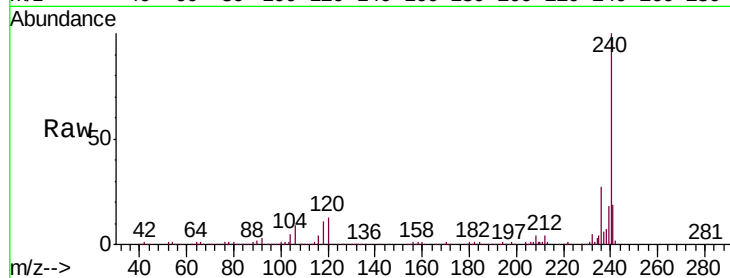
Tgt Ion:240 Resp: 446659

Ion Ratio Lower Upper

240 100

120 12.5 10.7 16.1

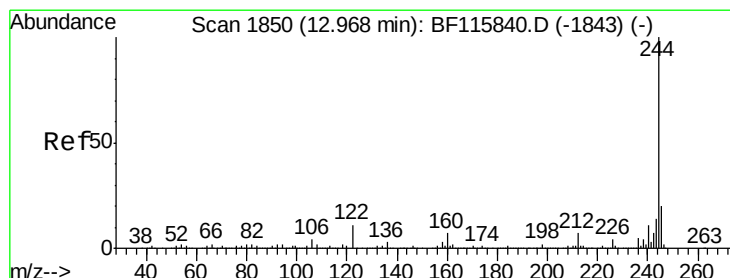
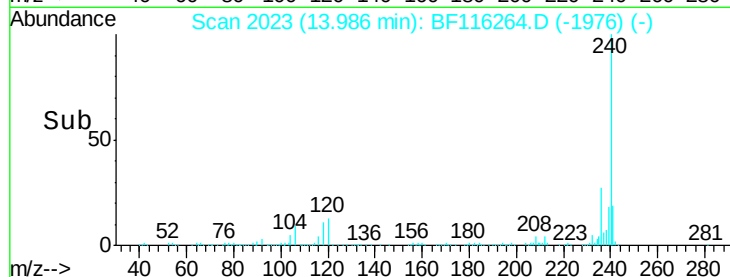
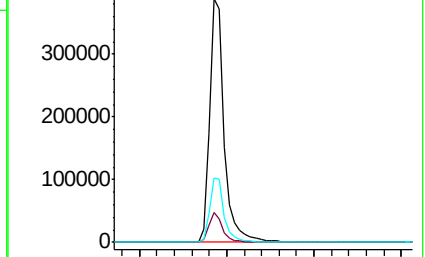
236 26.6 22.2 33.2



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: 87.299 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF116264.D

Acq: 14 Aug 2019 16:15

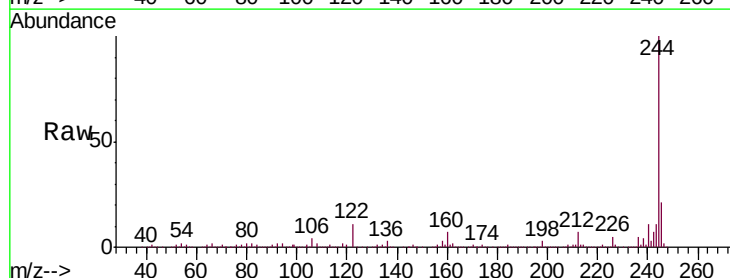
Tgt Ion:244 Resp: 1850481

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

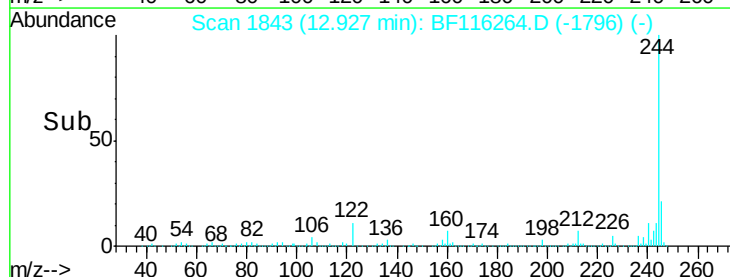
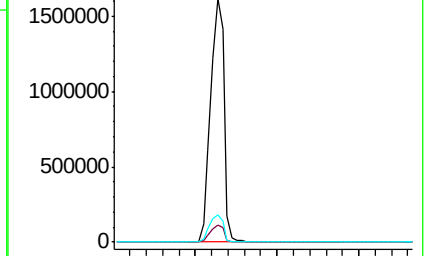
122 11.1 9.0 13.4

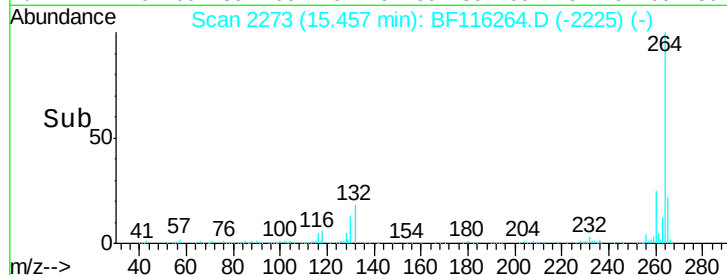
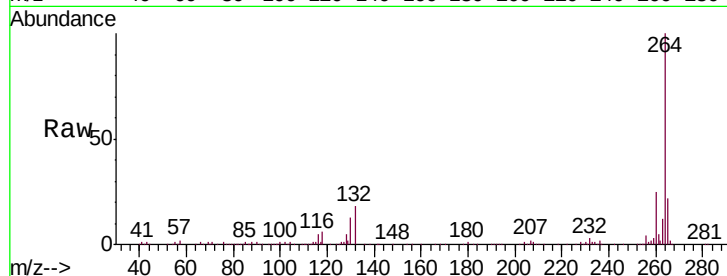
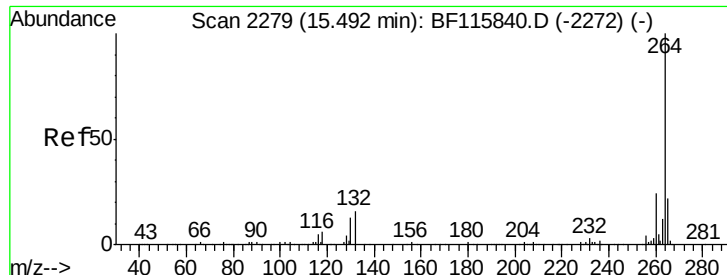


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF116264.D
Acq: 14 Aug 2019 16:15

Instrument :
BNA_F
ClientSampleId :
2S-I1-I4-COMP-(1)

Tgt Ion:	264	Resp:	403946
Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.7	17.4	26.0

