

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081419\
 Data File : BF116265.D
 Acq On : 14 Aug 2019 16:53
 Operator : HP/JU
 Sample : K4089-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219

Quant Time: Aug 14 18:39:26 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

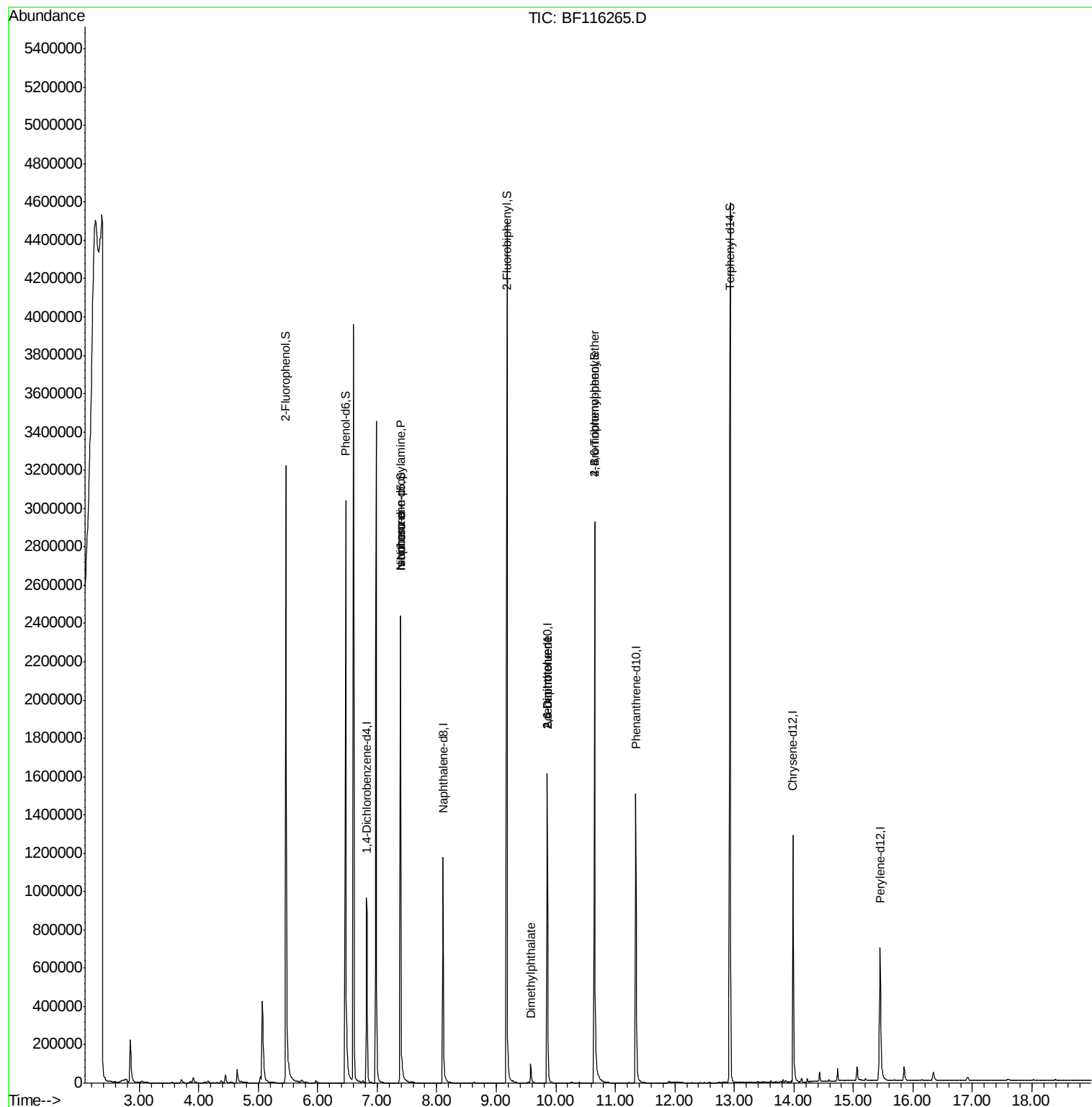
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	161564	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	633660	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	345675	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	640569	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	490915	20.00	ng	-0.02
87) Perylene-d12	15.45	264	437861	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1092656	113.22	ng	0.00
7) Phenol-d6	6.47	99	1295171	106.37	ng	-0.02
23) Nitrobenzene-d5	7.39	82	1032191	94.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	459697	137.17	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1704457	92.36	ng	-0.02
79) Terphenyl-d14	12.93	244	2005842	86.10	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	137989	18.288	ng	# 77
25) Isophorone	7.39	82	1033255	49.224	ng	# 65
50) Dimethylphthalate	9.58	163	66673	2.833	ng	99
51) 2,6-Dinitrotoluene	9.86	165	44023	8.607	ng	# 28
57) 2,4-Dinitrotoluene	9.86	165	44023	6.464	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	27773	4.050	ng	# 1

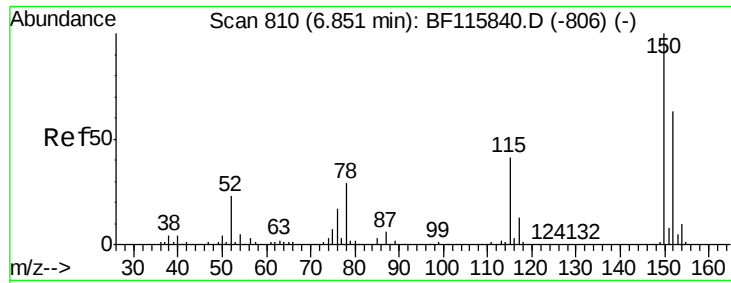
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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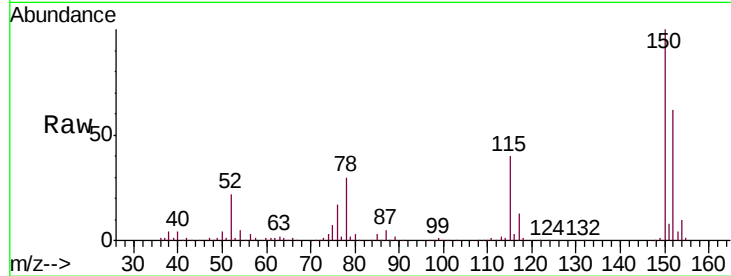


#1

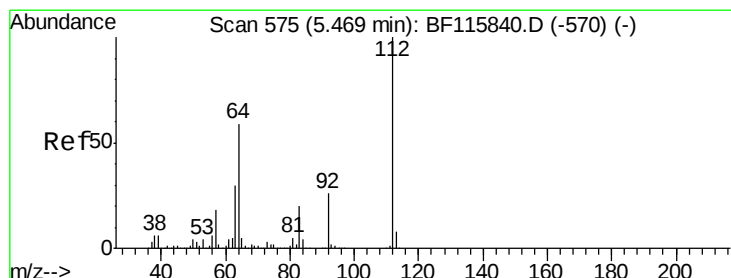
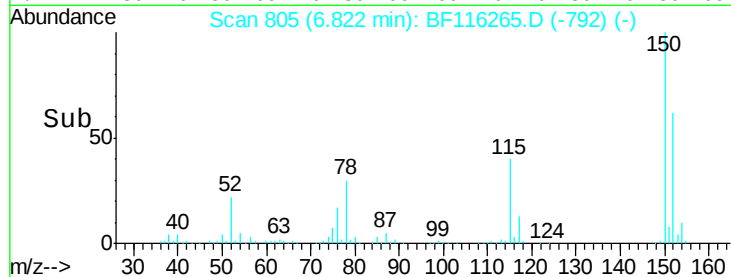
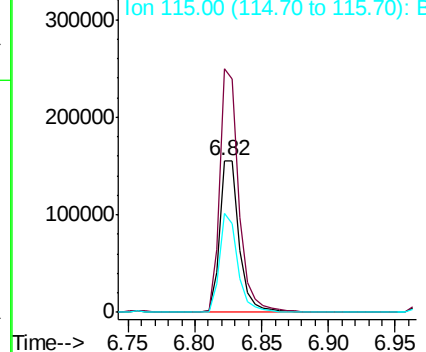
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF116265.D
Acq: 14 Aug 2019 16:53

Instrument :
BNA_F
ClientSampleId :
OK-03-081219

Tgt Ion:152 Resp: 161564
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.2
115 64.8 49.9 74.9



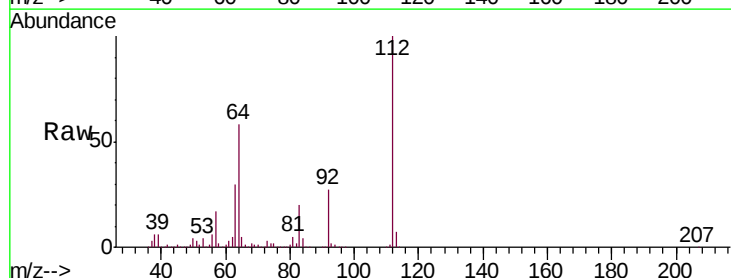
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



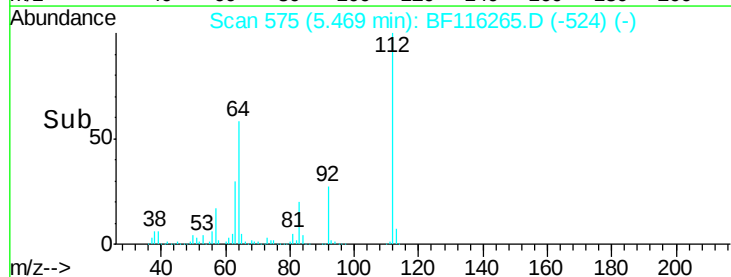
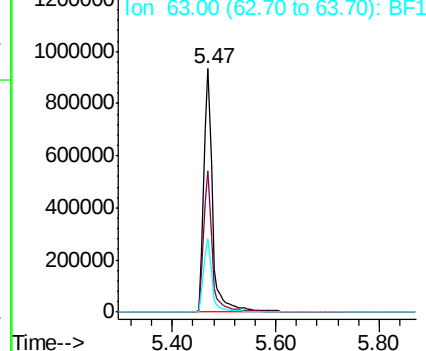
#5

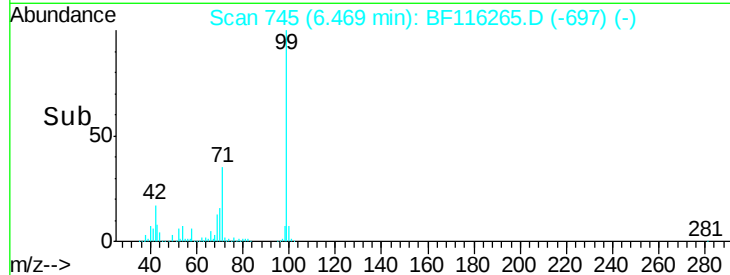
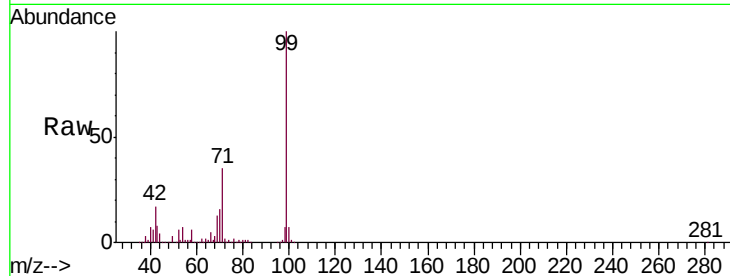
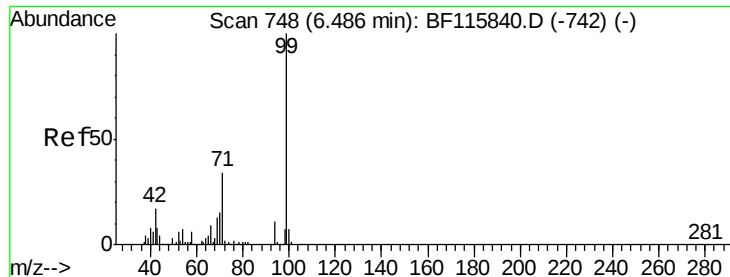
2-Fluorophenol
Concen: 113.217 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF116265.D
Acq: 14 Aug 2019 16:53

Tgt Ion:112 Resp: 1092656
Ion Ratio Lower Upper
112 100
64 57.8 45.4 68.2
63 30.0 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: 106.367 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116265.D

Acq: 14 Aug 2019 16:53

Instrument :

BNA_F

ClientSampleId :

OK-03-081219

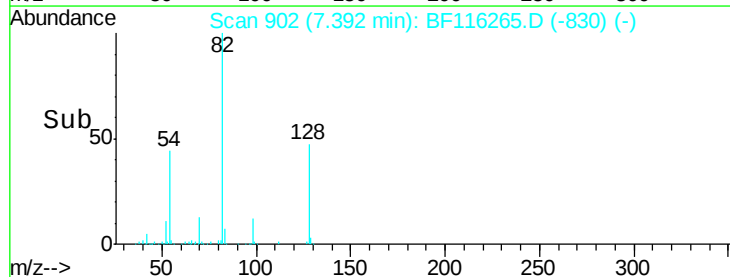
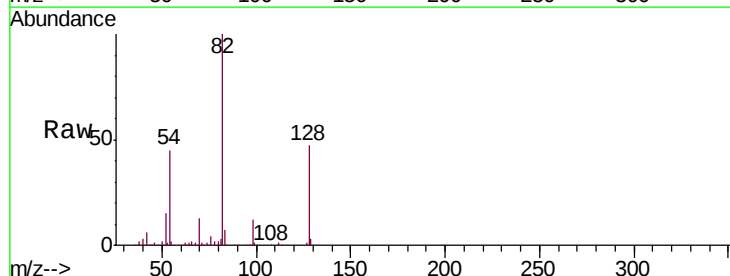
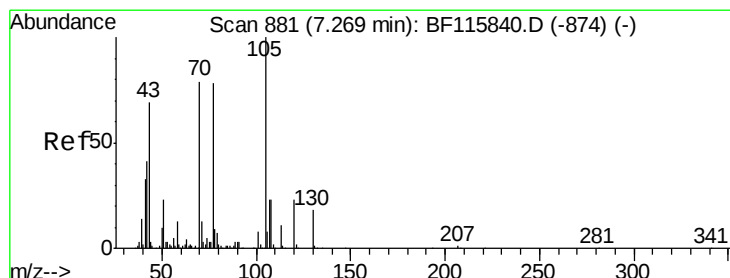
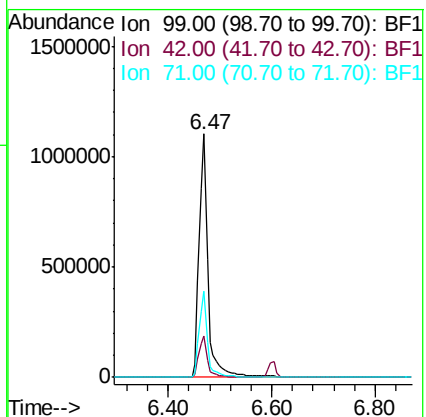
Tgt Ion: 99 Resp: 1295171

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.8

71 35.1 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 18.288 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.12 min

Lab File: BF116265.D

Acq: 14 Aug 2019 16:53

Tgt Ion: 70 Resp: 137989

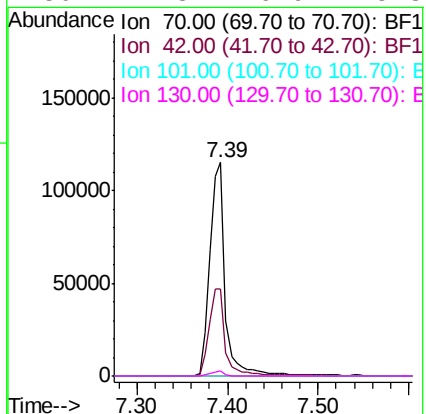
Ion Ratio Lower Upper

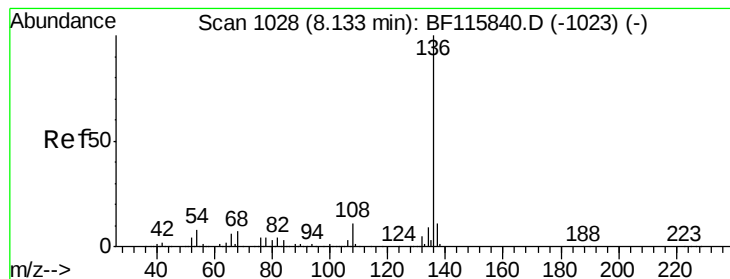
70 100

42 40.9 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: BF116265.D

Acq: 14 Aug 2019 16:53

Instrument :

BNA_F

ClientSampleId :

OK-03-081219

Tgt Ion:136 Resp: 633660

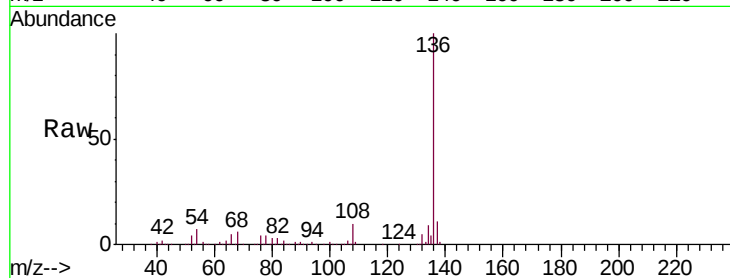
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.4 5.8 8.6

68 6.4 5.2 7.8

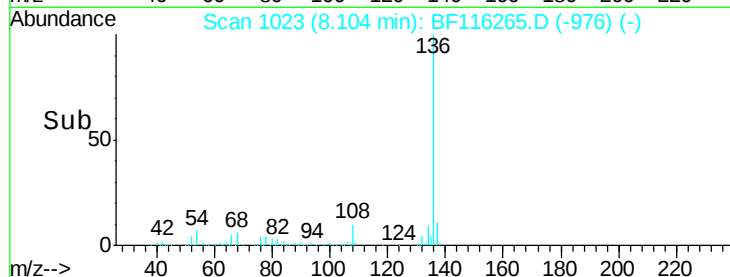


Abundance Ion 136.00 (135.70 to 136.70): E

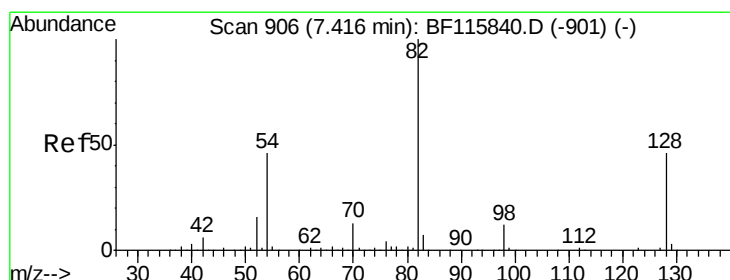
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 94.027 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF116265.D

Acq: 14 Aug 2019 16:53

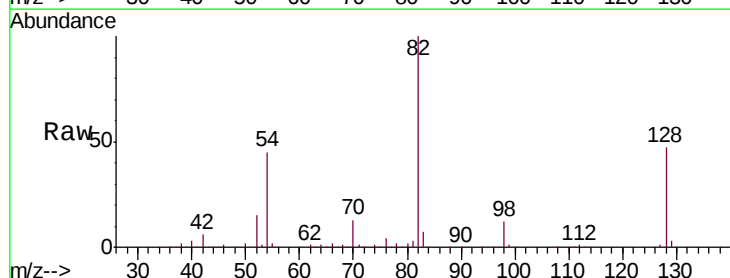
Tgt Ion: 82 Resp: 1032191

Ion Ratio Lower Upper

82 100

128 47.4 36.5 54.7

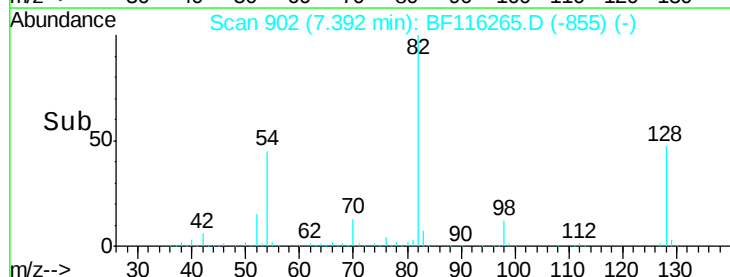
54 44.8 36.0 54.0



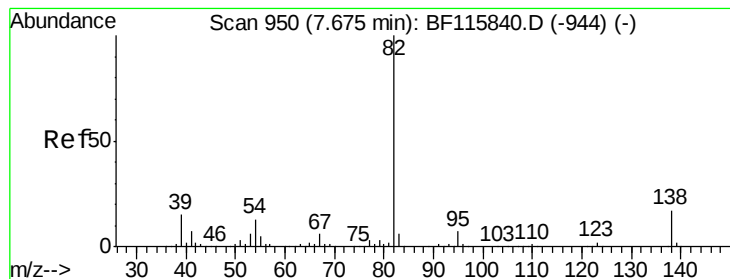
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->



#25

Isophorone

Concen: 49.224 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF116265.D

Acq: 14 Aug 2019 16:53

Instrument :

BNA_F

ClientSampleId :

OK-03-081219

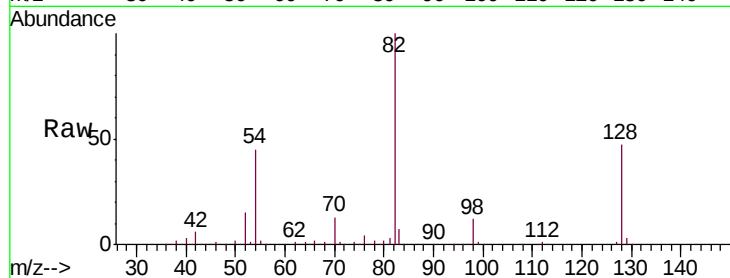
Tgt Ion: 82 Resp: 1033255

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

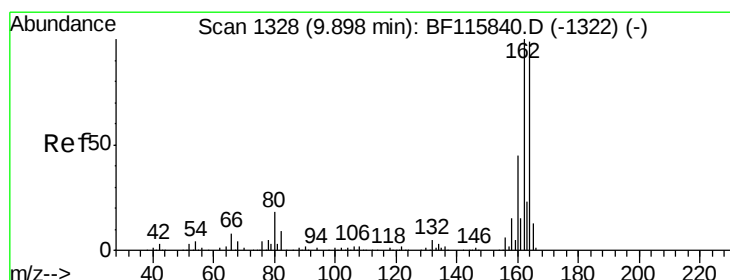
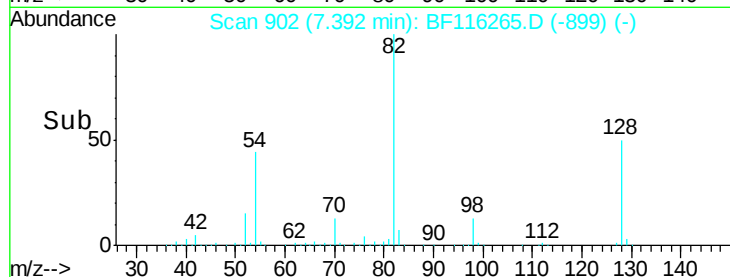
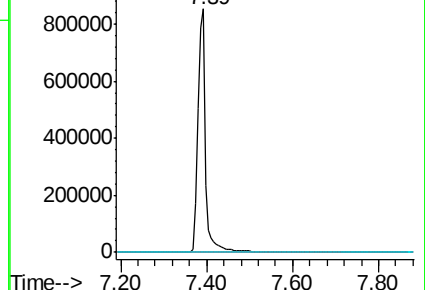
138 0.0 14.5 21.7#



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: BF116265.D

Acq: 14 Aug 2019 16:53

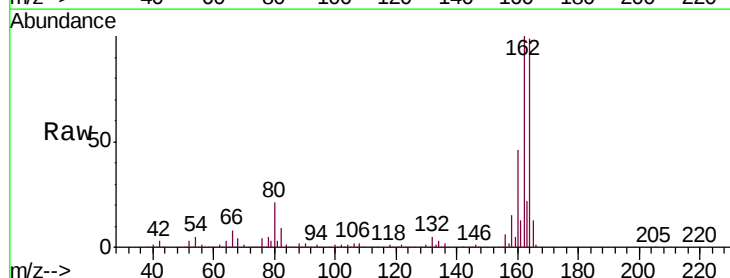
Tgt Ion: 164 Resp: 345675

Ion Ratio Lower Upper

164 100

162 101.4 82.6 124.0

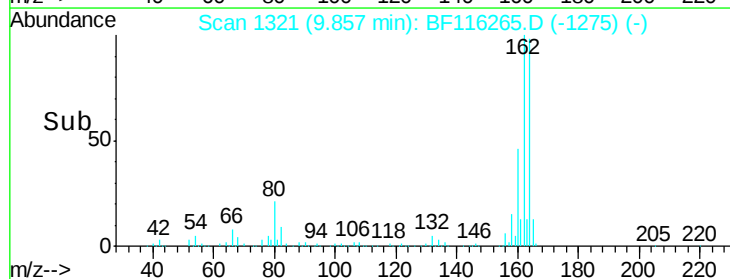
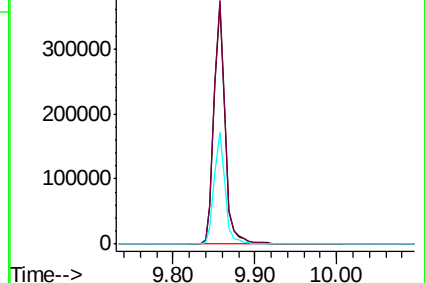
160 46.5 37.6 56.4

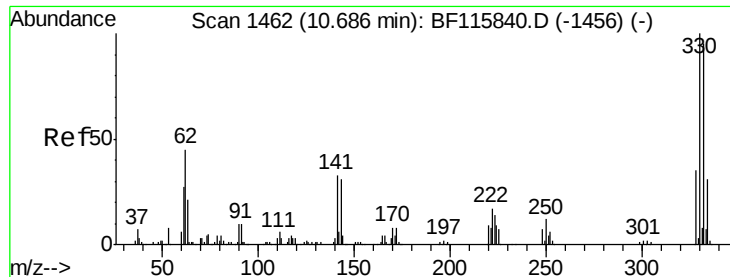


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 137.165 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF116265.D

Acq: 14 Aug 2019 16:53

Instrument :

BNA_F

ClientSampleId :

OK-03-081219

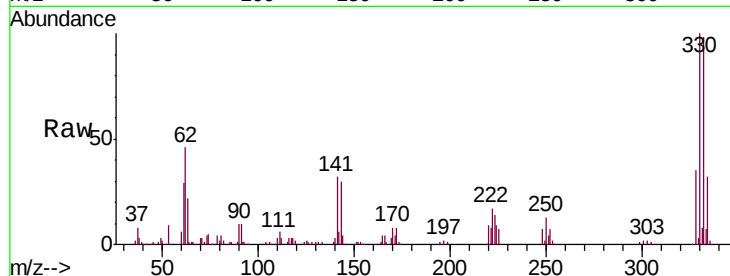
Tgt Ion:330 Resp: 459697

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

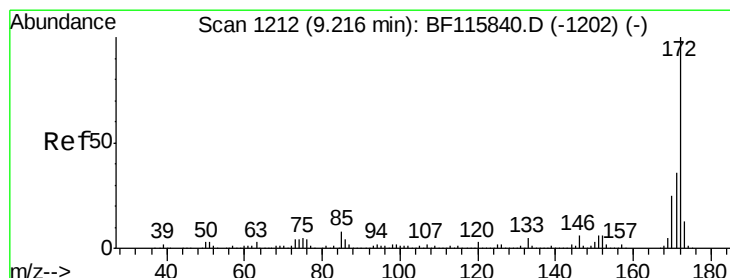
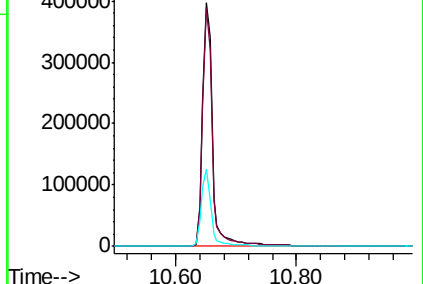
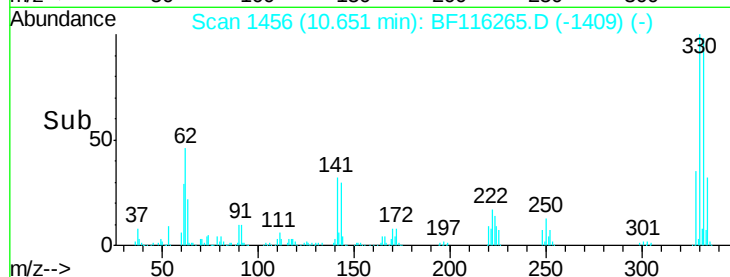
141 32.3 26.3 39.5



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: 92.358 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.02 min

Lab File: BF116265.D

Acq: 14 Aug 2019 16:53

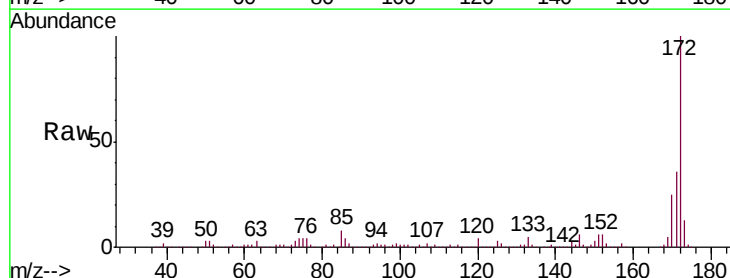
Tgt Ion:172 Resp: 1704457

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

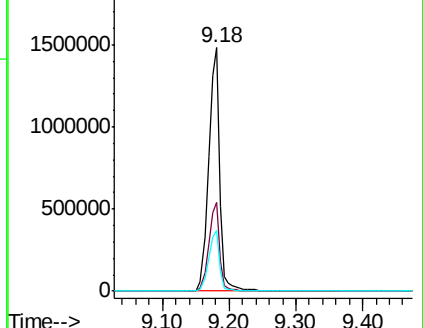
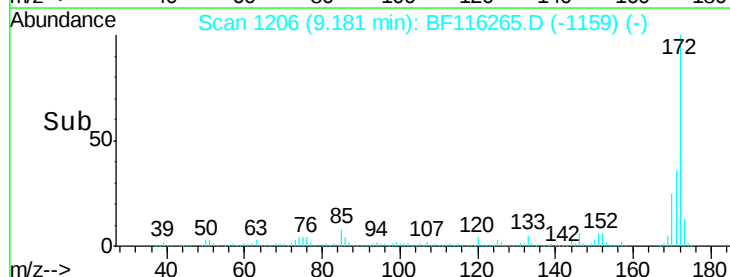
170 25.1 20.1 30.1

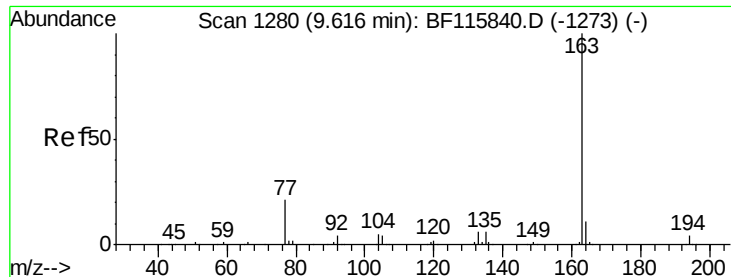


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

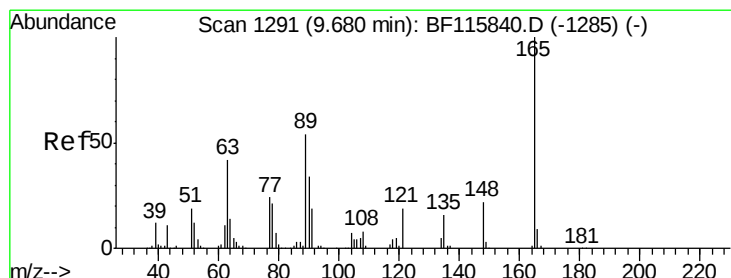
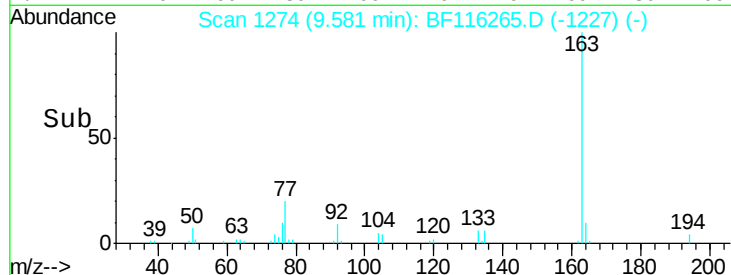
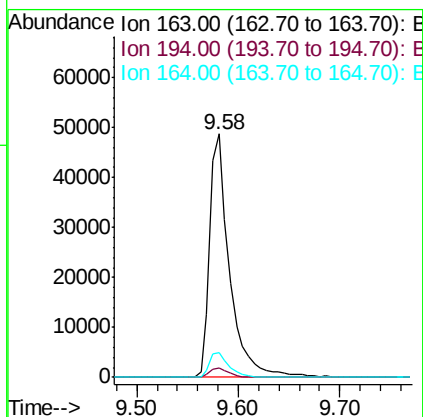
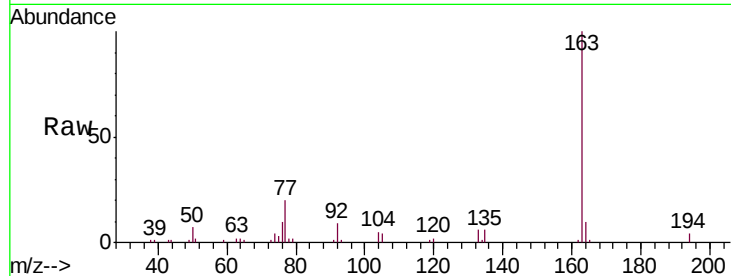




#50
Dimethylphthalate
Concen: 2.833 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF116265.D
Acq: 14 Aug 2019 16:53

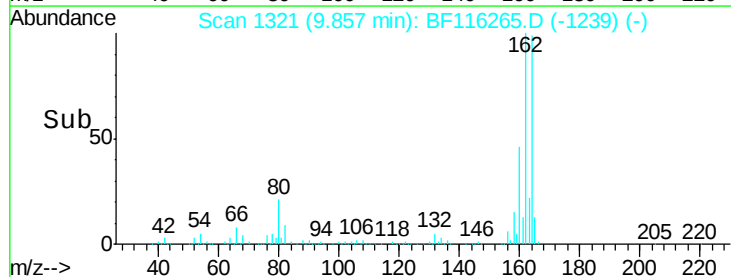
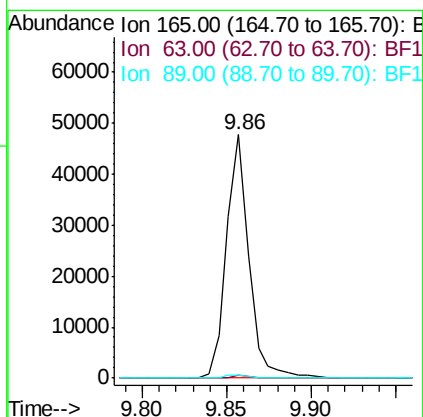
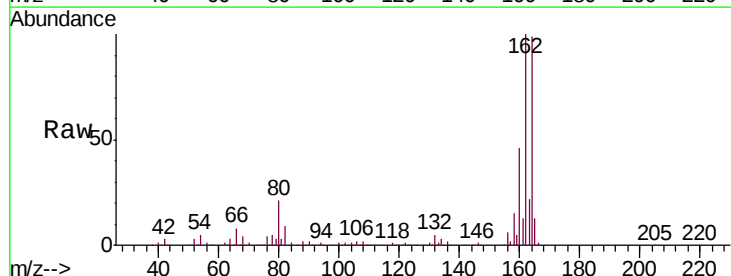
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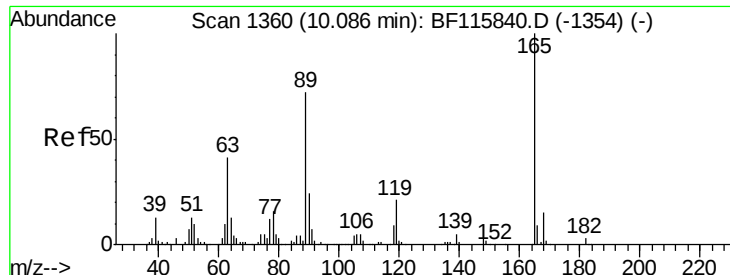
Tgt Ion:163 Resp: 66673
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.9 8.4 12.6



#51
2,6-Dinitrotoluene
Concen: 8.607 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.18 min
Lab File: BF116265.D
Acq: 14 Aug 2019 16:53

Tgt Ion:165 Resp: 44023
Ion Ratio Lower Upper
165 100
63 1.0 38.2 57.2#
89 1.0 42.9 64.3#

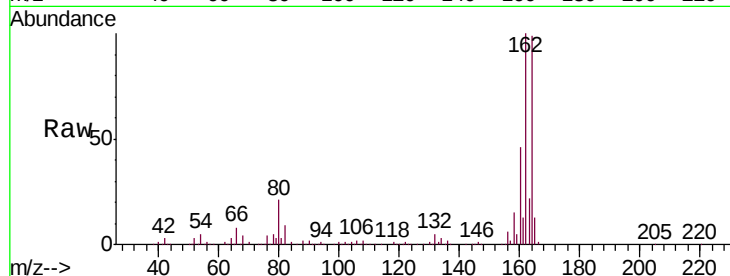




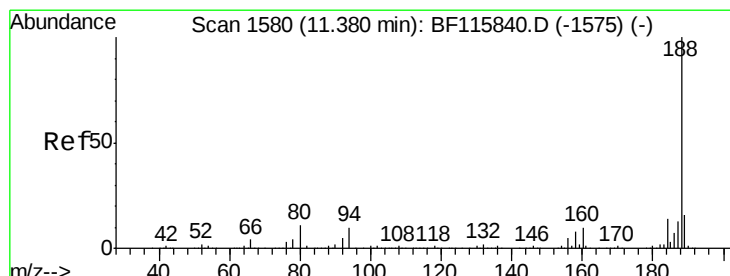
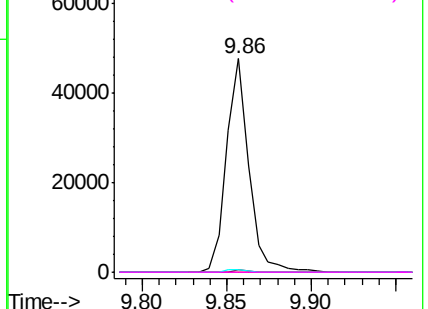
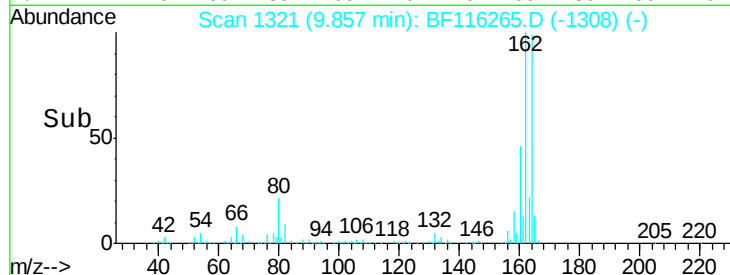
#57
 2,4-Dinitrotoluene
 Concen: 6.464 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.22 min
 Lab File: BF116265.D
 Acq: 14 Aug 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219

Tgt Ion:165 Resp: 44023
 Ion Ratio Lower Upper
 165 100
 63 1.0 39.6 59.4#
 89 1.0 62.2 93.2#
 182 0.0 2.1 3.1#

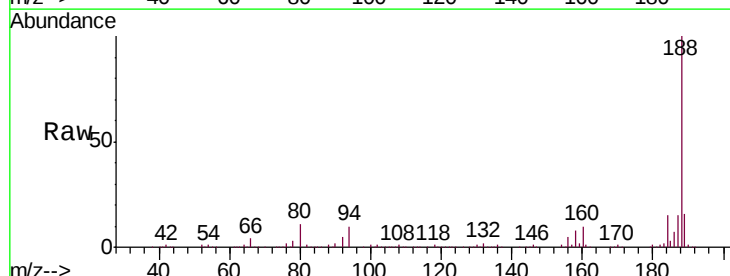


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

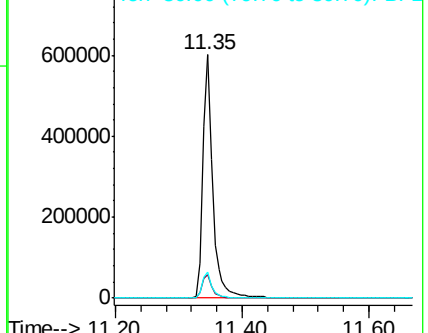
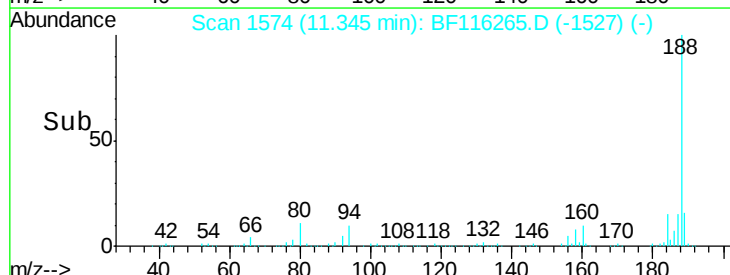


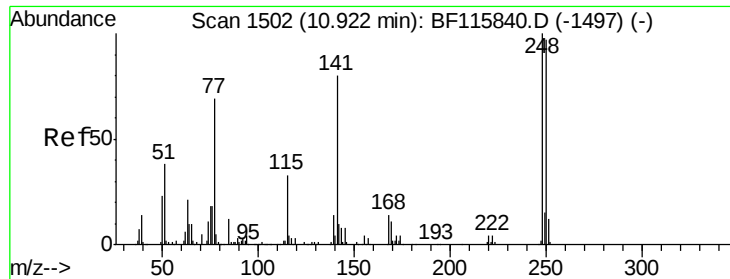
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.02 min
 Lab File: BF116265.D
 Acq: 14 Aug 2019 16:53

Tgt Ion:188 Resp: 640569
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.1 12.1
 80 10.7 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

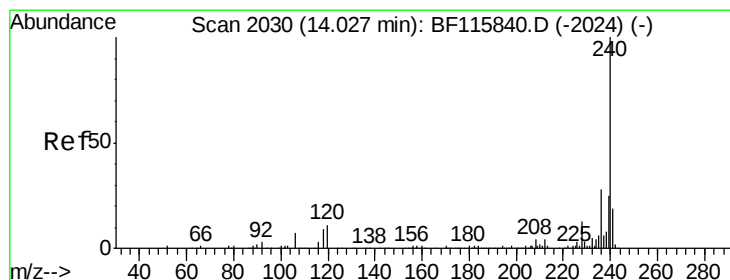
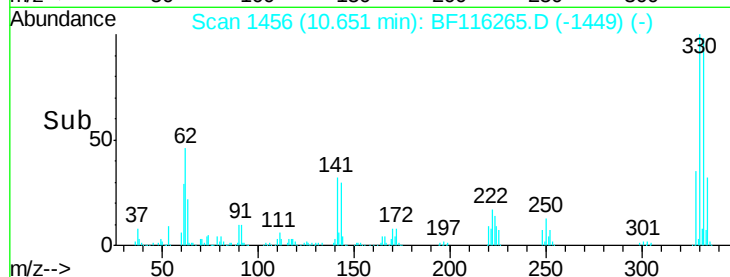
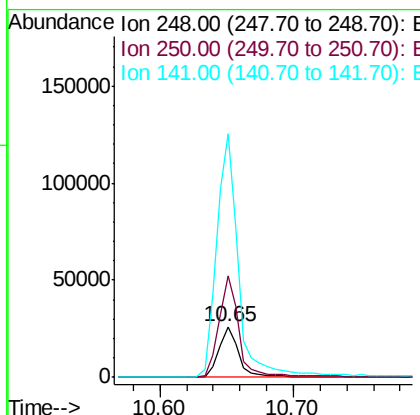
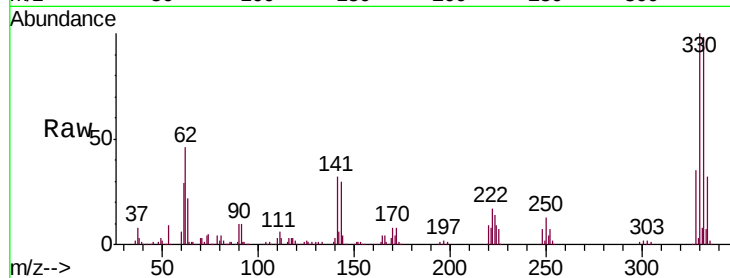




#67
4-Bromophenyl-phenylether
Concen: 4.050 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.26 min
Lab File: BF116265.D
Acq: 14 Aug 2019 16:53

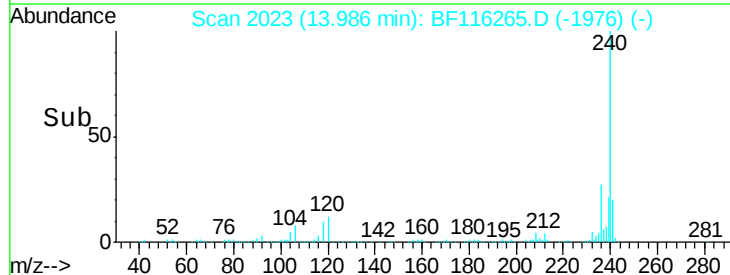
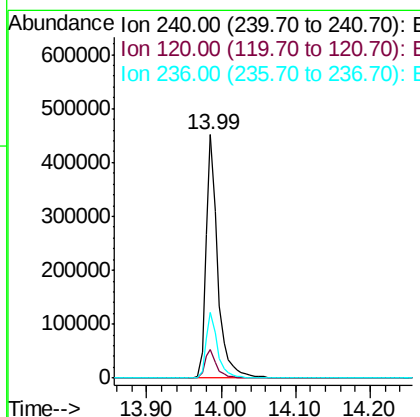
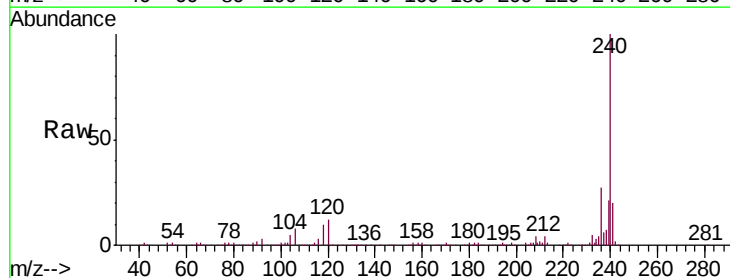
Instrument :
BNA_F
ClientSampleId :
OK-03-081219

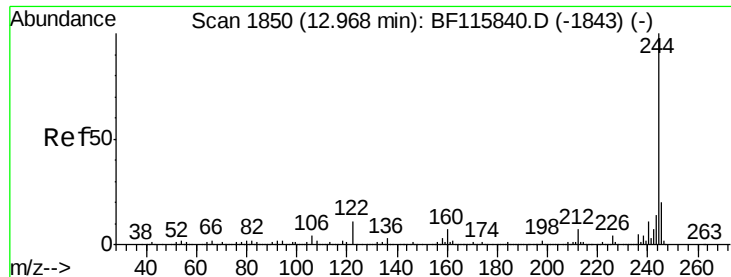
Tgt Ion:248 Resp: 27773
Ion Ratio Lower Upper
248 100
250 200.1 77.4 116.2#
141 477.8 56.8 85.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF116265.D
Acq: 14 Aug 2019 16:53

Tgt Ion:240 Resp: 490915
Ion Ratio Lower Upper
240 100
120 11.9 10.7 16.1
236 26.9 22.2 33.2





#79

Terphenyl-d14

Concen: 86.097 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF116265.D

Acq: 14 Aug 2019 16:53

Instrument :

BNA_F

ClientSampleId :

OK-03-081219

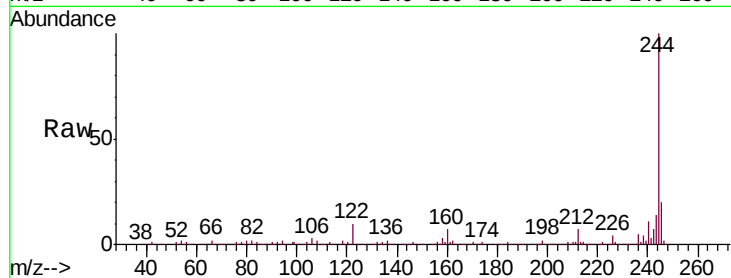
Tgt Ion:244 Resp: 2005842

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

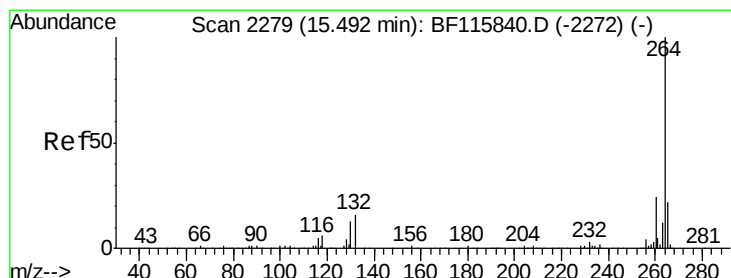
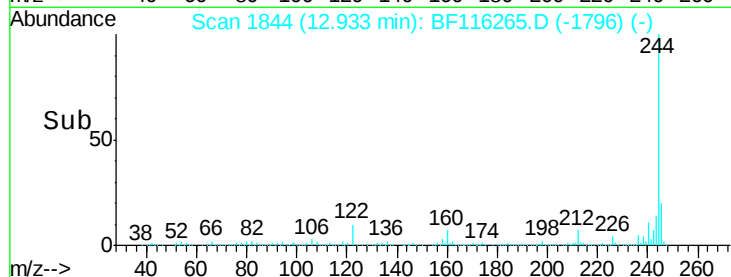
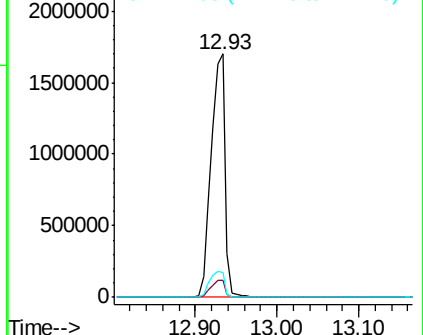
122 9.9 9.0 13.4



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: 15.45 min Scan# 2272

Delta R.T. -0.02 min

Lab File: BF116265.D

Acq: 14 Aug 2019 16:53

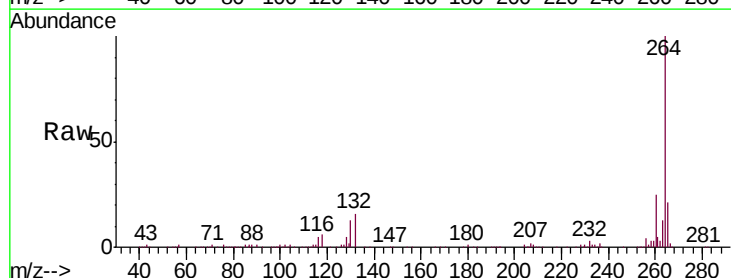
Tgt Ion:264 Resp: 437861

Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 21.5 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

