

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 18:42:12 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

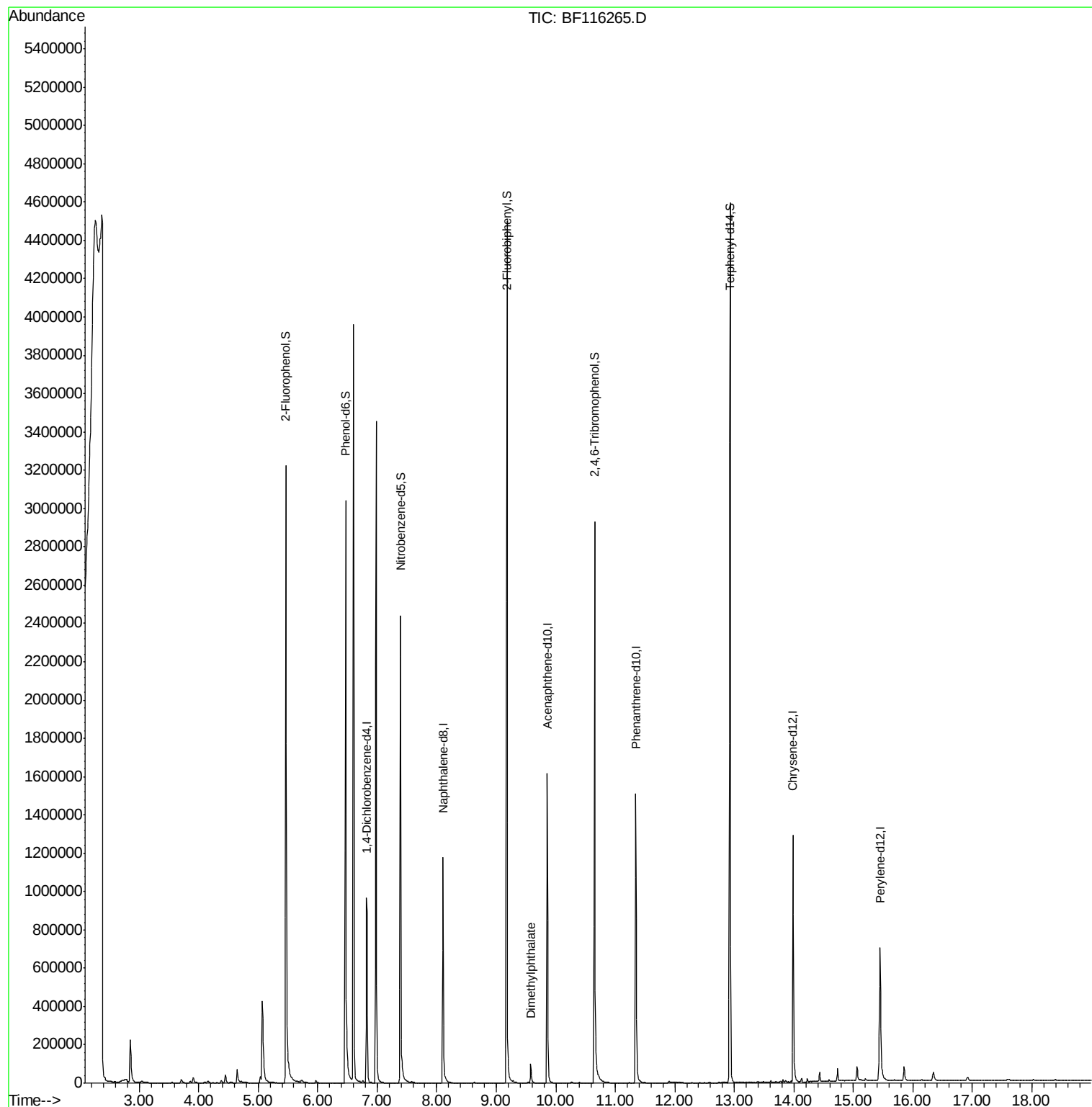
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	161564	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	633660	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	345675	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	640569	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	490915	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						
50) Dimethylphthalate	9.58	163	66673	2.833	ng	Qvalue 99

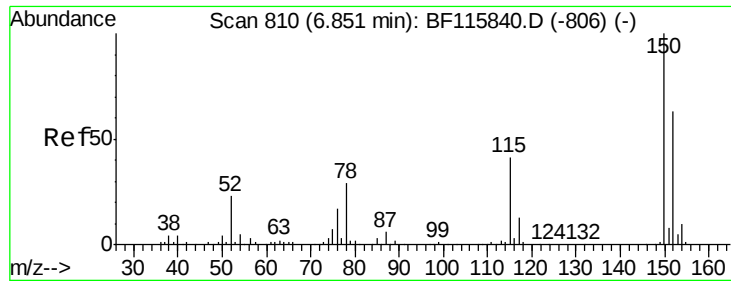
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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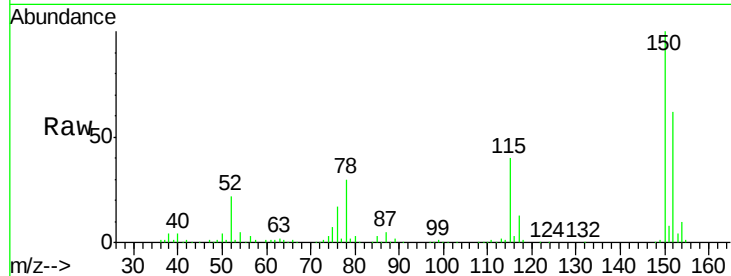


#1

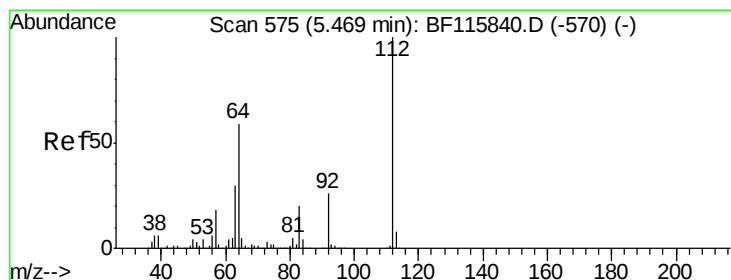
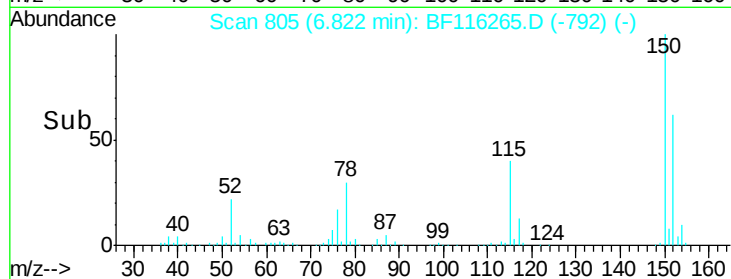
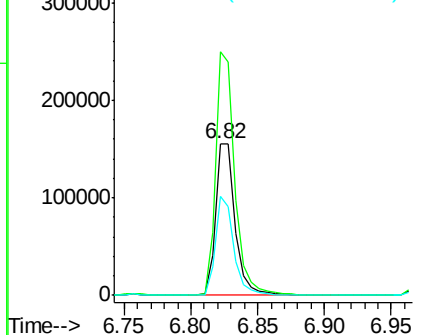
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF116265.D
 Acq: 14 Aug 2019 16:53

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219

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



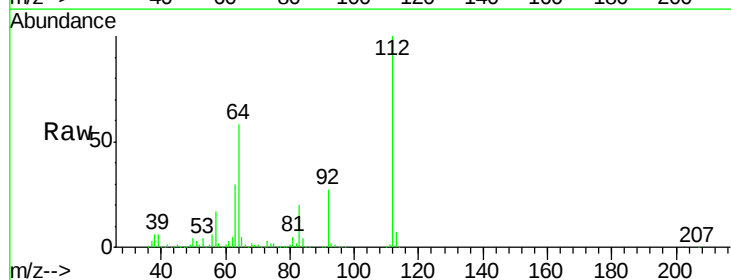
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



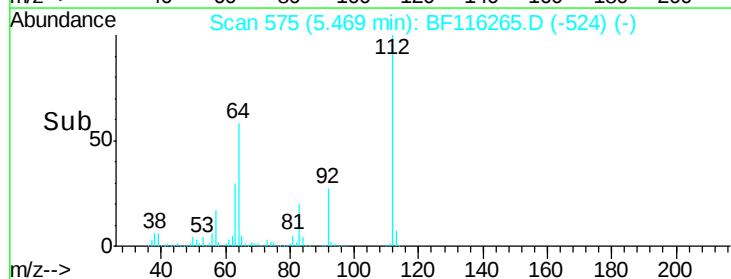
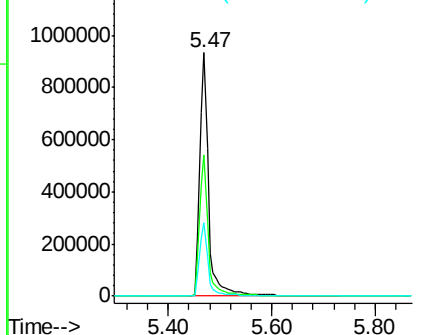
#5

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 :

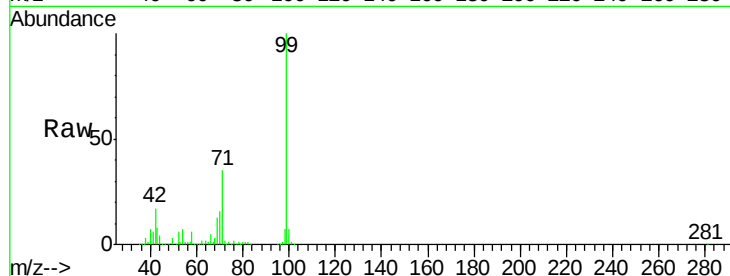
BNA_F

ClientSampleId :

OK-03-081219

Tot Ion: 99 Resp: 1295171

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.8
71	35.1	27.3	40.9

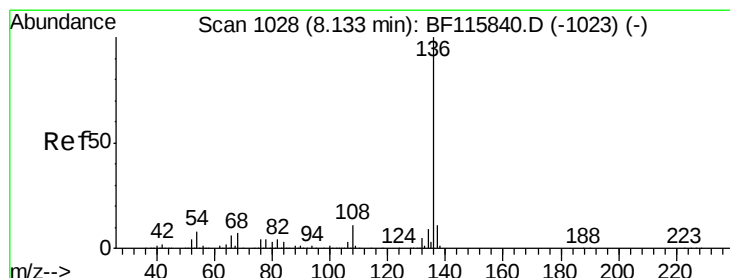
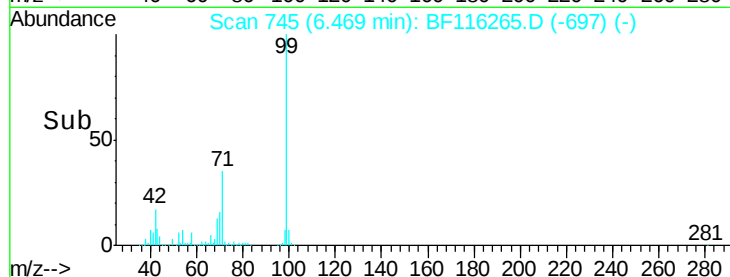


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

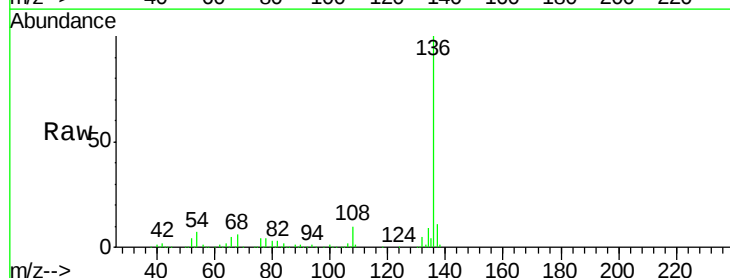
Delta R.T. -0.02 min

Lab File: BF116265.D

Acq: 14 Aug 2019 16:53

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



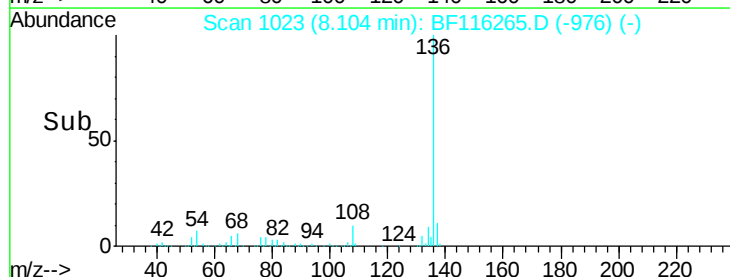
Abundance

Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

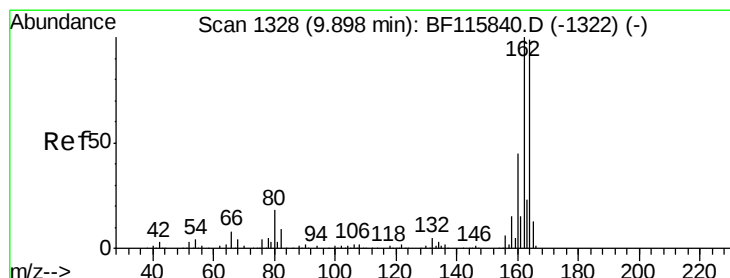
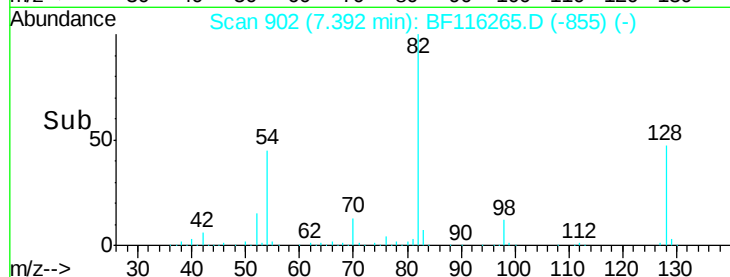
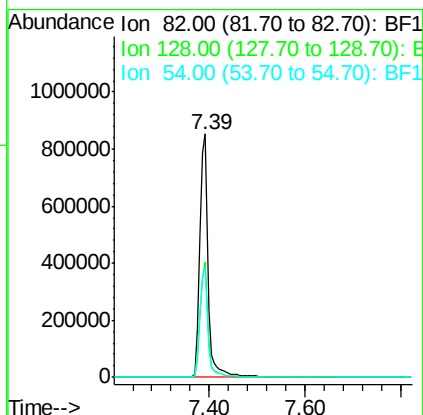
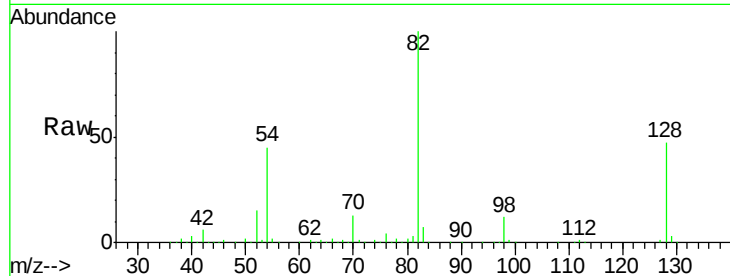




#23
Nitrobenzene-d5
Concen: 94.027 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF116265.D
Acq: 14 Aug 2019 16:53

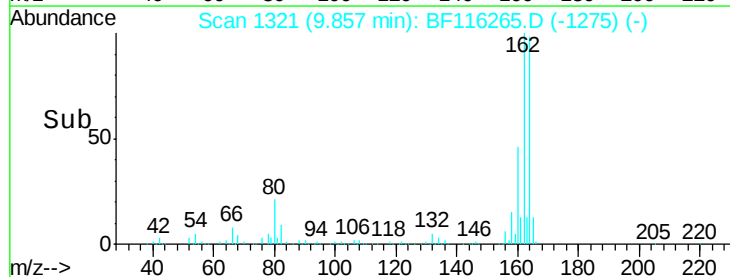
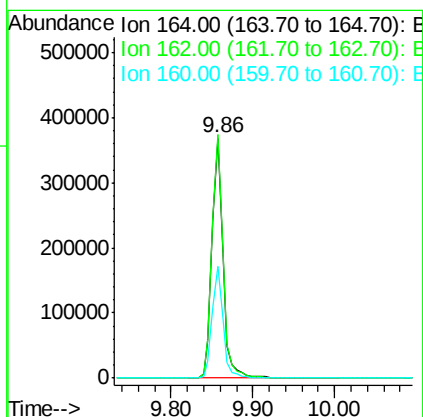
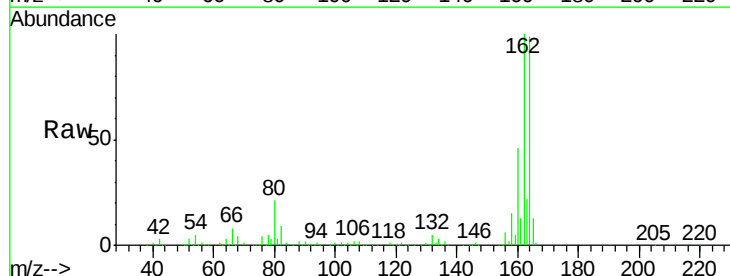
Instrument :
BNA_F
ClientSampleId :
OK-03-081219

Tot Ion: 82 Resp: 1032191
Ion Ratio Lower Upper
82 100
128 47.4 36.5 54.7
54 44.8 36.0 54.0



#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





#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

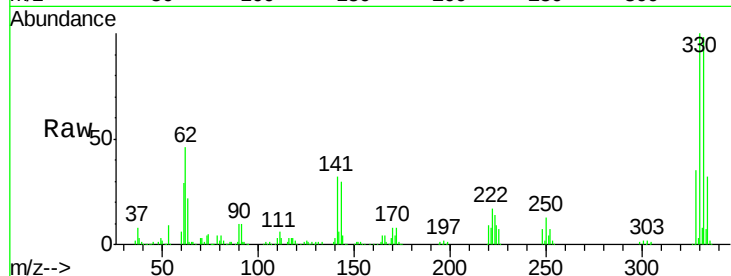
Tot Ion:330 Resp: 459697

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

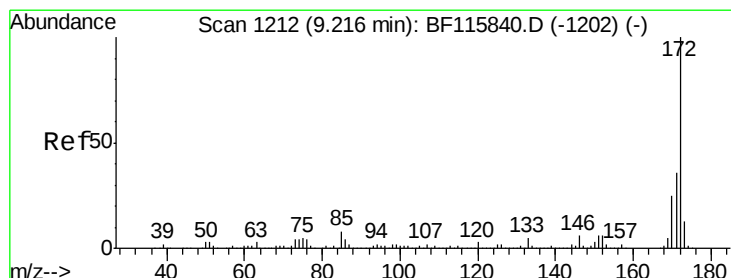
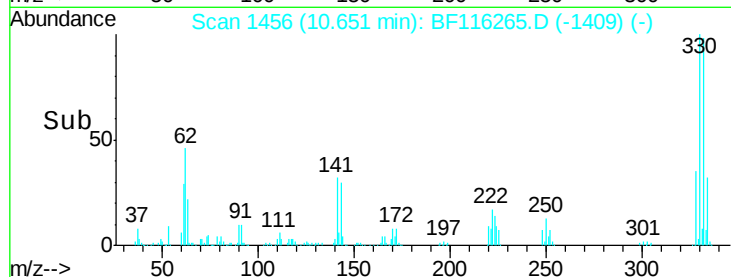
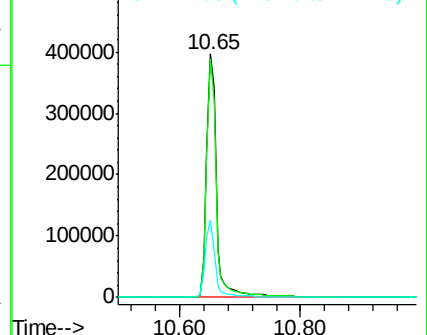
141 32.3 26.3 39.5



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

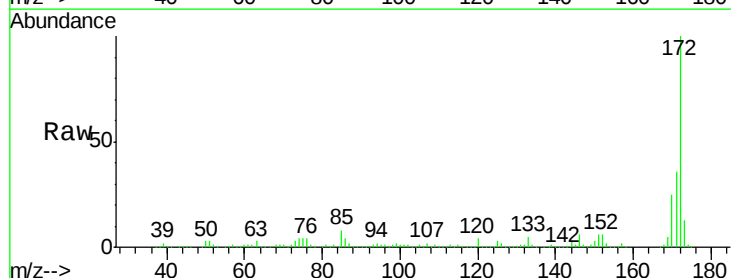
Tgt Ion:172 Resp: 1704457

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

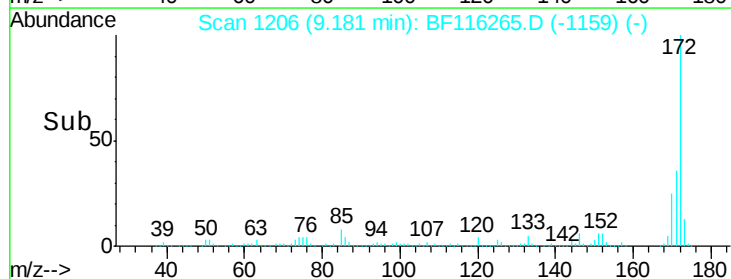
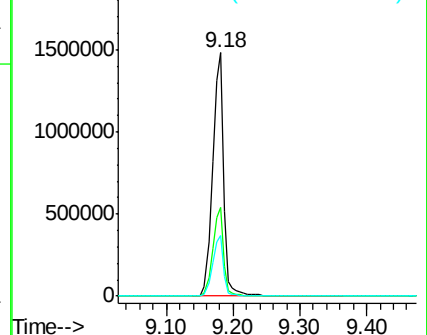
170 25.1 20.1 30.1

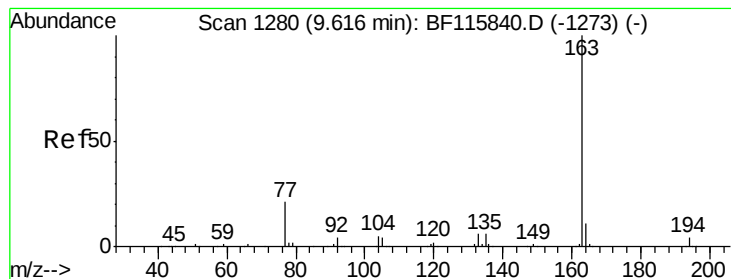


Abundance Ion 172.00 (171.70 to 172.70): E

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

Instrument :

BNA_F

ClientSampleId :

OK-03-081219

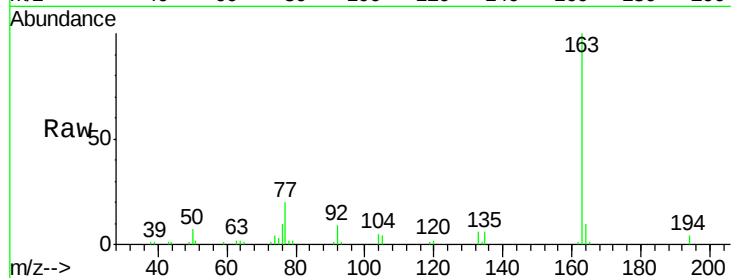
Tot Ion:163 Resp: 66673

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

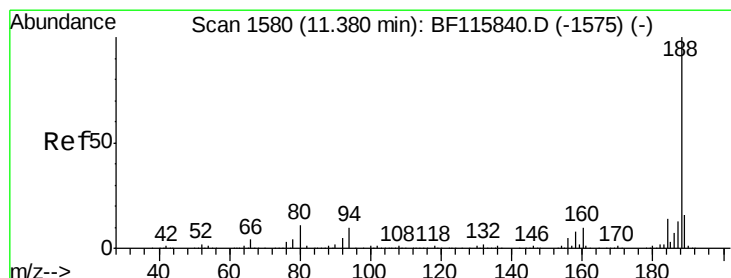
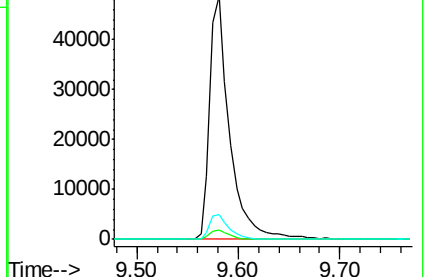
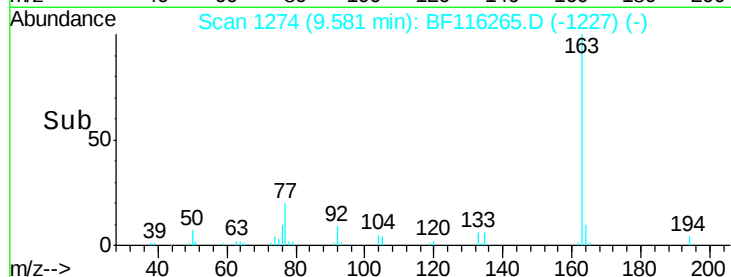
164 9.9 8.4 12.6



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



#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

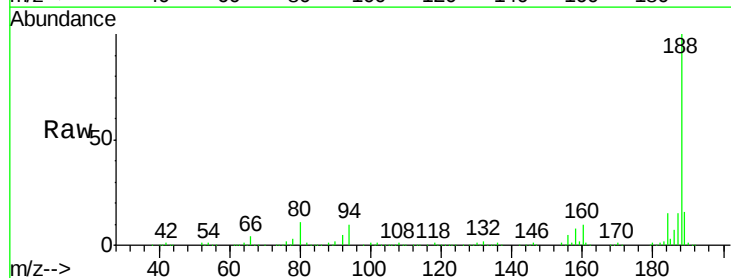
Tgt Ion:188 Resp: 640569

Ion Ratio Lower Upper

188 100

94 9.7 8.1 12.1

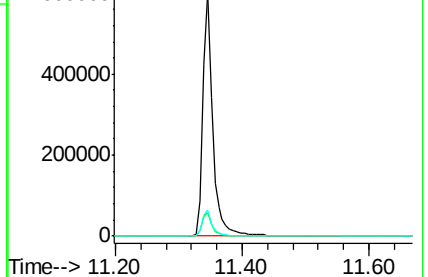
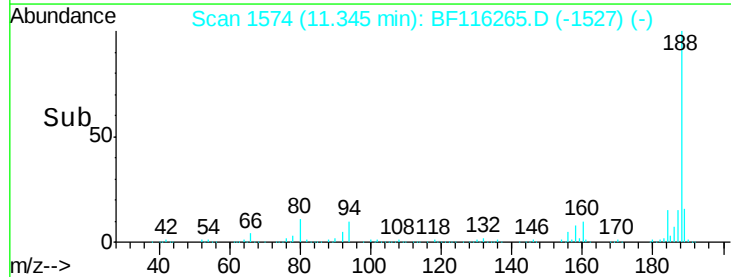
80 10.7 8.7 13.1

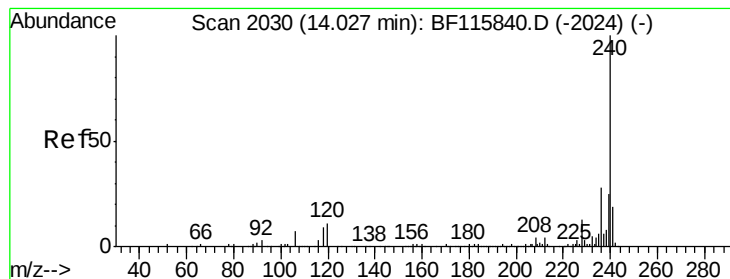


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF116265.D

Acq: 14 Aug 2019 16:53

Instrument :

BNA_F

ClientSampleId :

OK-03-081219

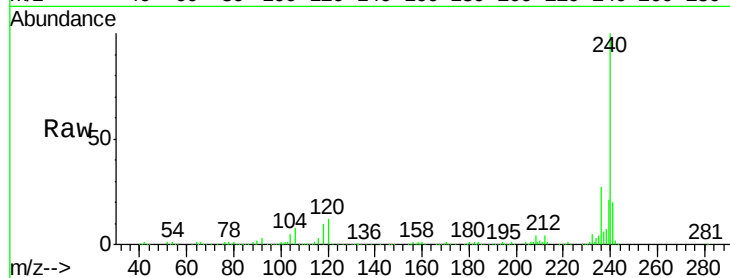
Tot Ion:240 Resp: 490915

Ion Ratio Lower Upper

240 100

120 11.9 10.7 16.1

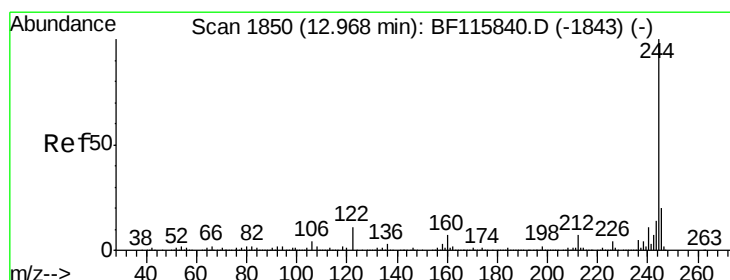
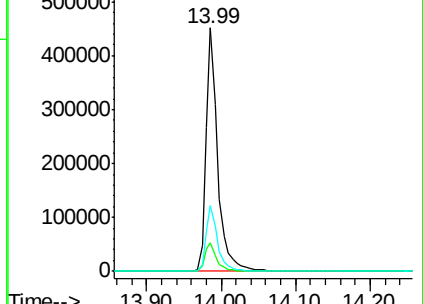
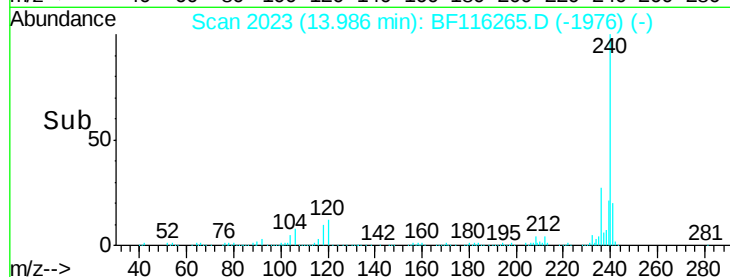
236 26.9 22.2 33.2



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: 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

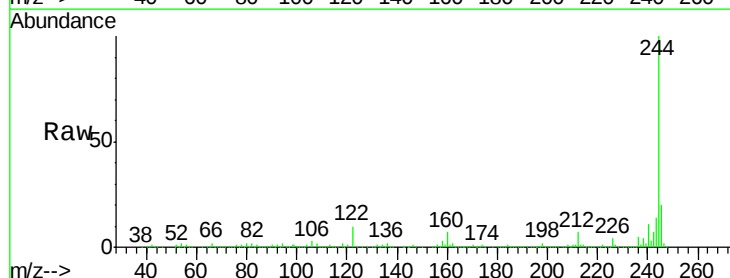
Tgt Ion:244 Resp: 2005842

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

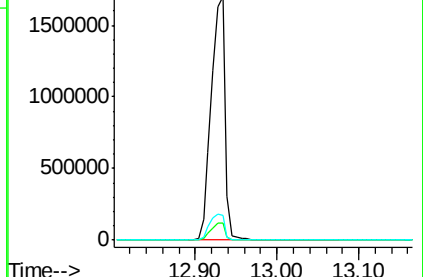
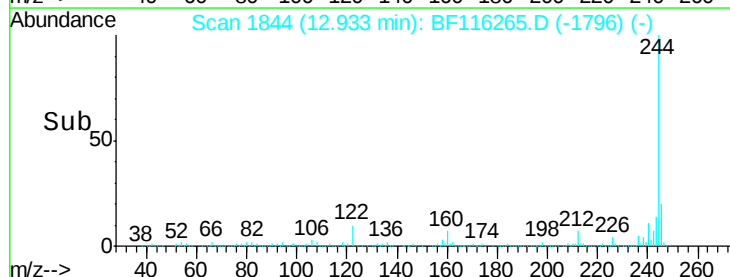
122 9.9 9.0 13.4

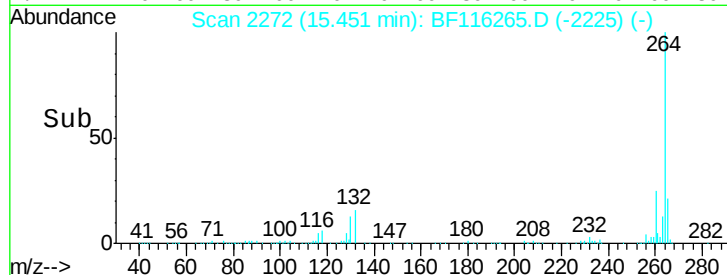
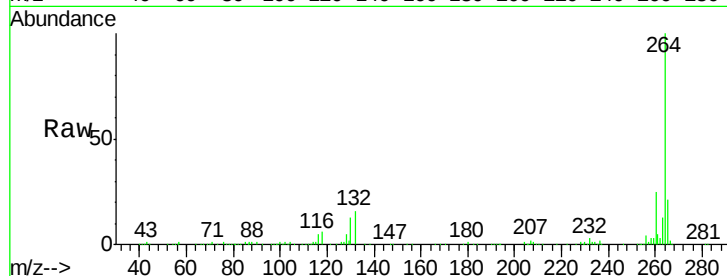
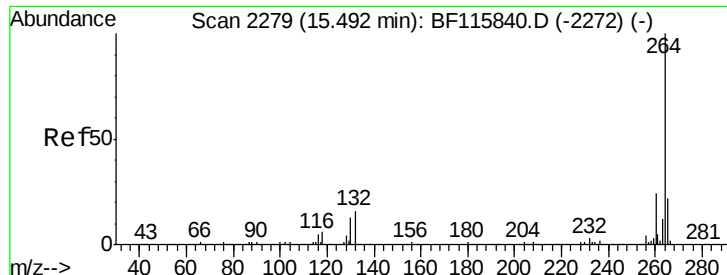


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-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

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081219

Tot Ion:264	Resp:	437861
Ion	Ratio	Lower Upper
264	100	
260	24.5	19.7 29.5
265	21.5	17.4 26.0

