

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119965.D
 Acq On : 14 Apr 2020 21:13
 Operator : MA/SJ
 Sample : L2230-40
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-33

Quant Time: Apr 15 03:10:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	195037	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	754442	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	398338	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	808475	20.00	ng	0.00
76) Chrysene-d12	13.90	240	585688	20.00	ng	-0.01
87) Perylene-d12	15.32	264	441754	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1531166	135.67	ng	0.02
7) Phenol-d6	6.37	99	1760857	121.09	ng	0.00
23) Nitrobenzene-d5	7.30	82	1341925	92.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	597135	122.44	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2547209	90.79	ng	0.00
79) Terphenyl-d14	12.86	244	2913692	83.71	ng	0.00

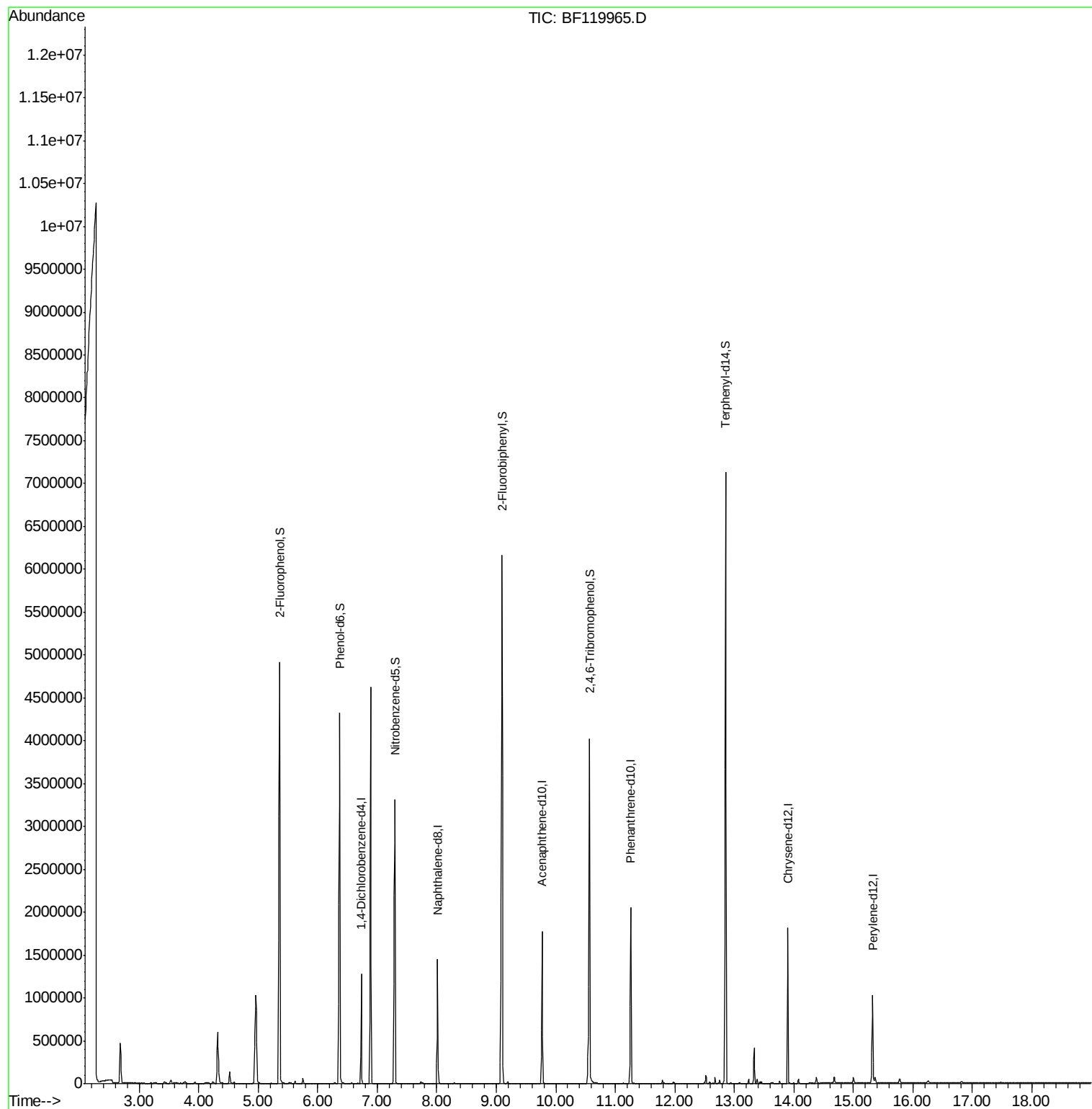
Target Compounds Qvalue

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

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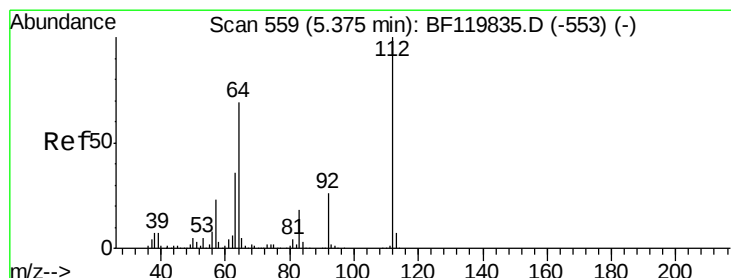
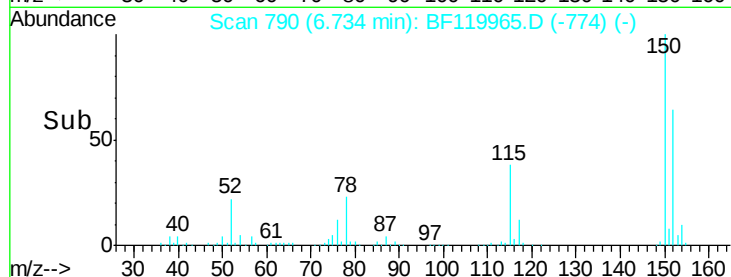
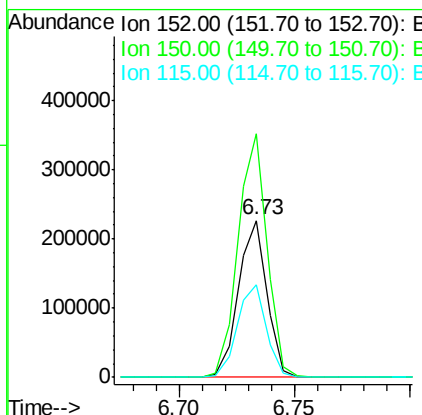
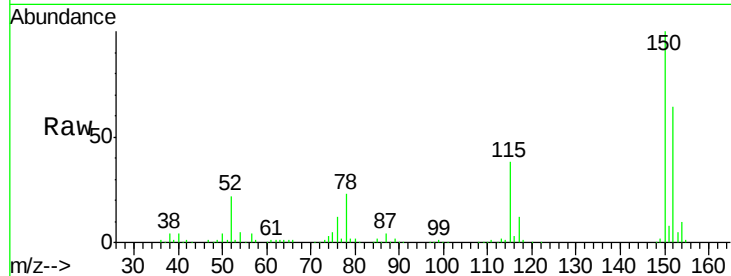


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119965.D
Acq: 14 Apr 2020 21:13

Instrument :
BNA_F
ClientSampleId :
TP-33

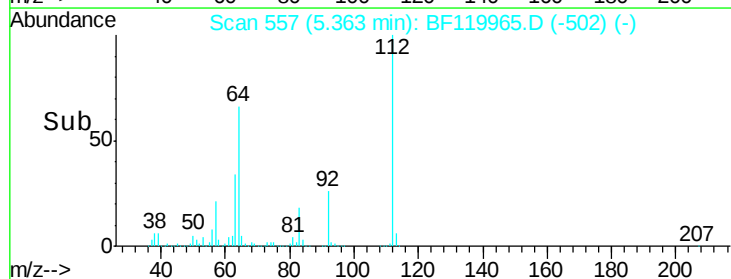
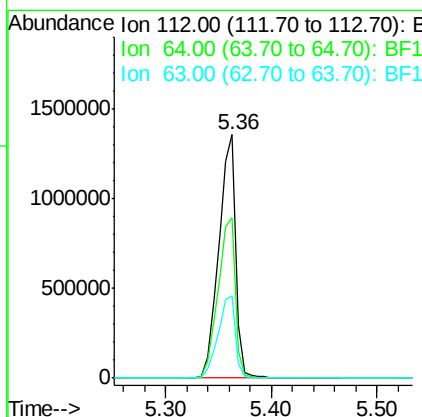
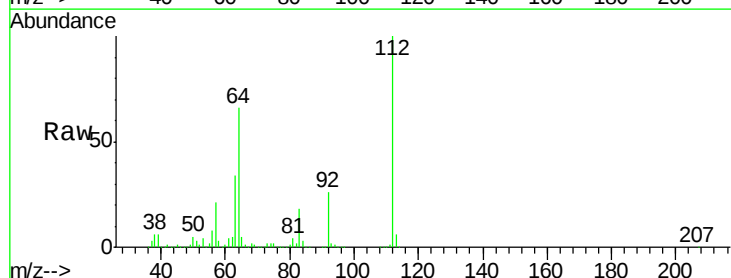
Tot Ion:152 Resp: 195037
Ion Ratio Lower Upper
152 100
150 155.1 124.8 187.2
115 58.9 46.5 69.7



#5

2-Fluorophenol
Concen: 135.674 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF119965.D
Acq: 14 Apr 2020 21:13

Tgt Ion:112 Resp: 1531166
Ion Ratio Lower Upper
112 100
64 65.8 55.5 83.3
63 33.8 29.1 43.7





#7

Phenol-d6

Concen: 121.087 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119965.D

Acq: 14 Apr 2020 21:13

Instrument :

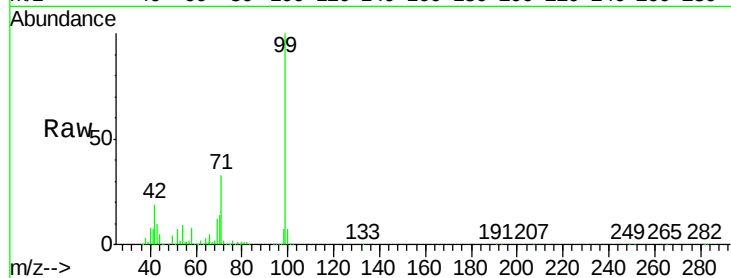
BNA_F

ClientSampleId :

TP-33

Tot Ion: 99 Resp: 1760857

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.9	25.3
71	32.8	26.3	39.5

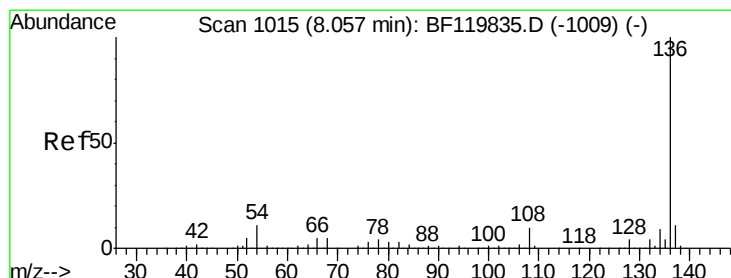
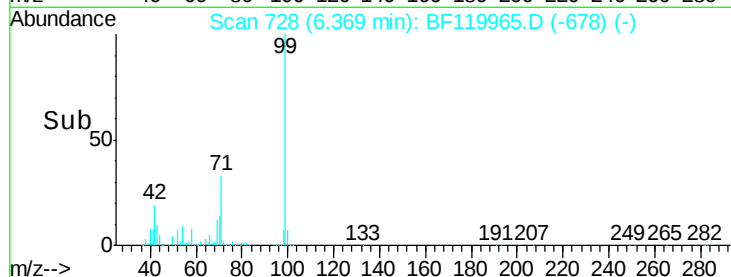


Abundance

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: 8.02 min Scan# 1008

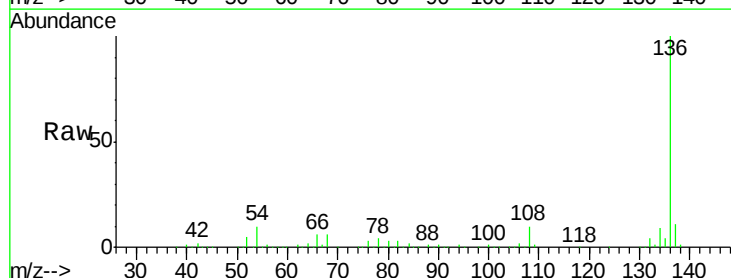
Delta R.T. -0.01 min

Lab File: BF119965.D

Acq: 14 Apr 2020 21:13

Tgt Ion: 136 Resp: 754442

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.4	8.5	12.7
68	5.5	3.9	5.9



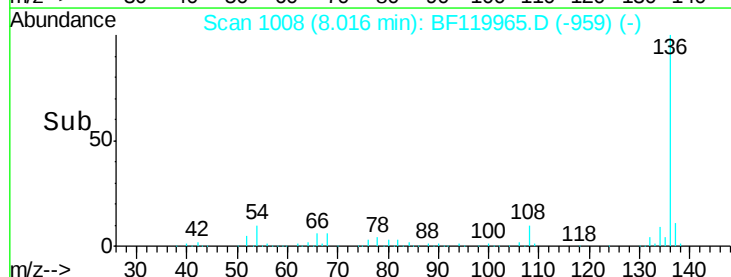
Abundance

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

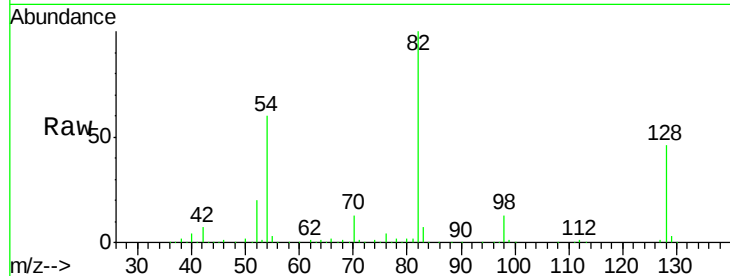




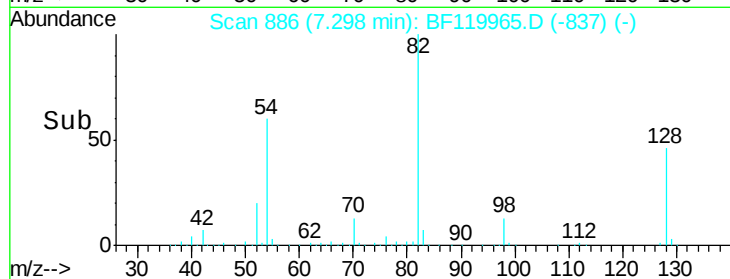
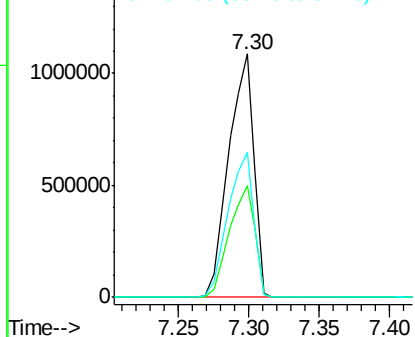
#23
Nitrobenzene-d5
Concen: 92.018 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF119965.D
Acq: 14 Apr 2020 21:13

Instrument :
BNA_F
ClientSampleId :
TP-33

Tot Ion: 82 Resp: 1341925
Ion Ratio Lower Upper
82 100
128 45.8 36.2 54.4
54 59.8 50.4 75.6

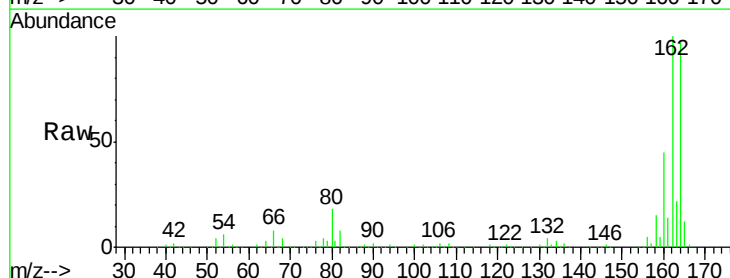


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

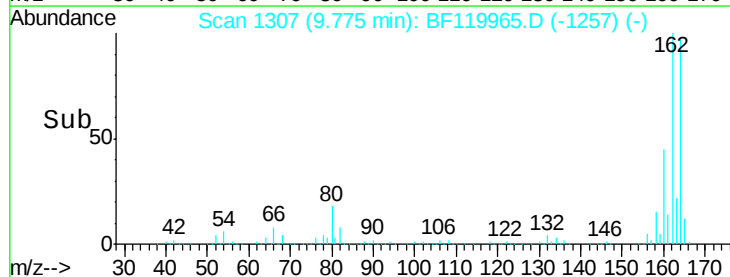
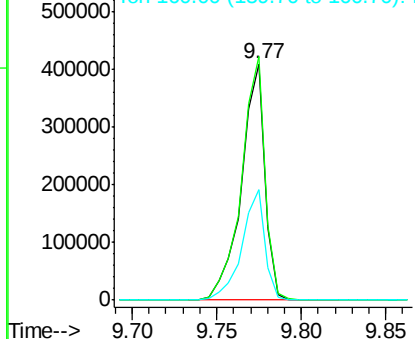


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119965.D
Acq: 14 Apr 2020 21:13

Tgt Ion:164 Resp: 398338
Ion Ratio Lower Upper
164 100
162 103.1 81.9 122.9
160 46.5 36.6 54.8



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

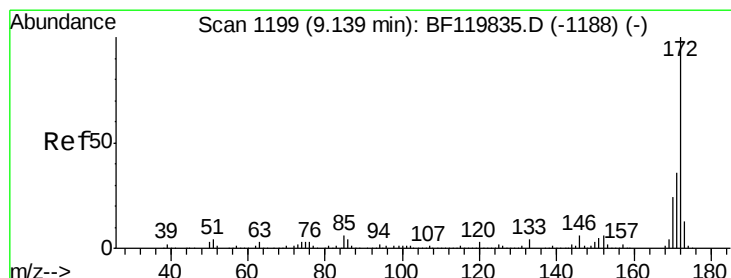
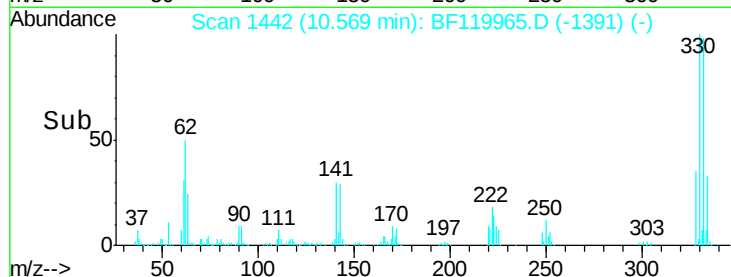
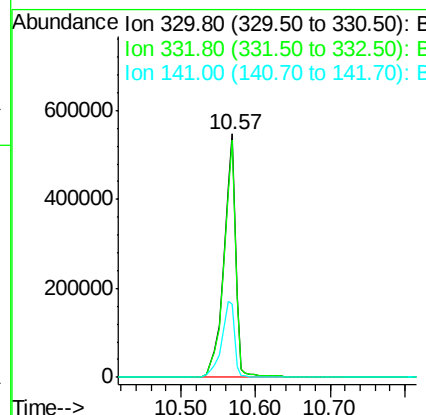
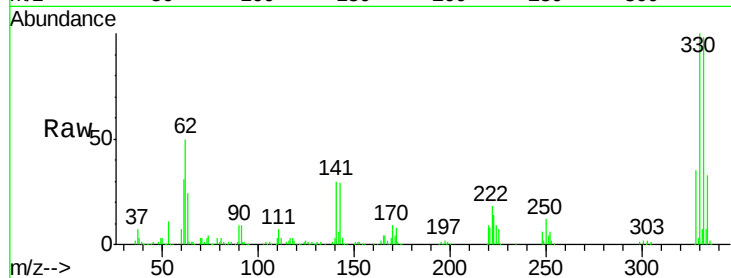




#42
 2,4,6-Tribromophenol
 Concen: 122.439 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF119965.D
 Acq: 14 Apr 2020 21:13

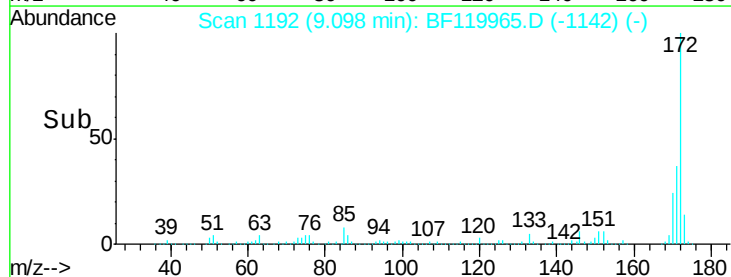
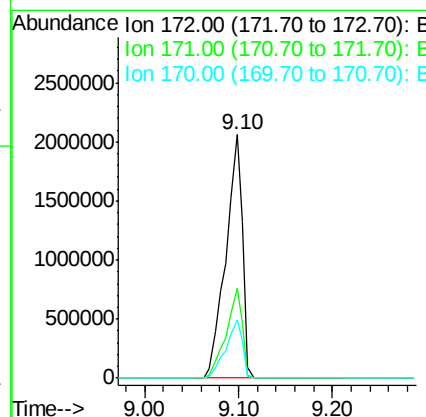
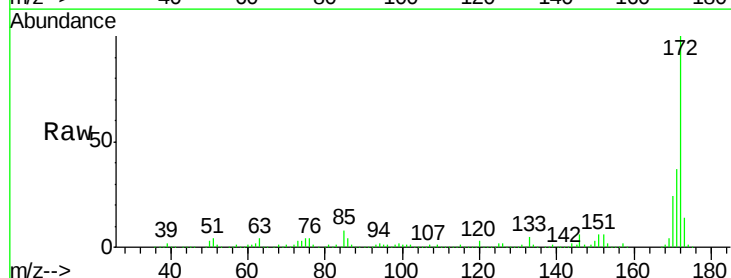
Instrument :
 BNA_F
 ClientSampleId :
 TP-33

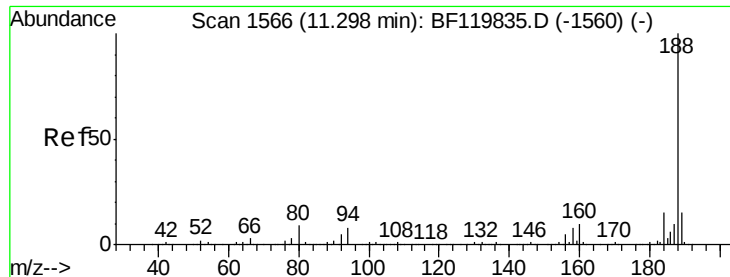
Tot Ion:330 Resp: 597135
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.8 115.2
 141 34.3 25.1 37.7



#45
 2-Fluorobiphenyl
 Concen: 90.789 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119965.D
 Acq: 14 Apr 2020 21:13

Tgt Ion:172 Resp: 2547209
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.1 19.4 29.2

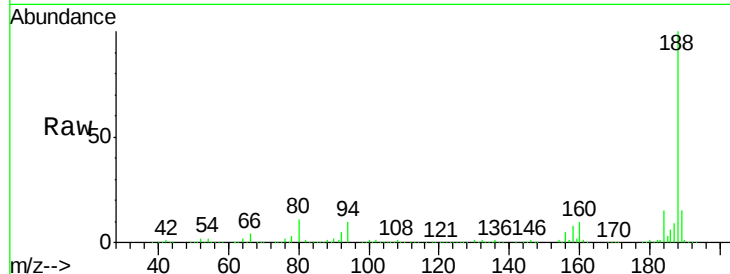




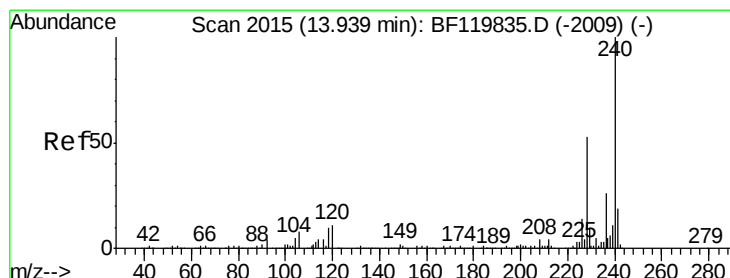
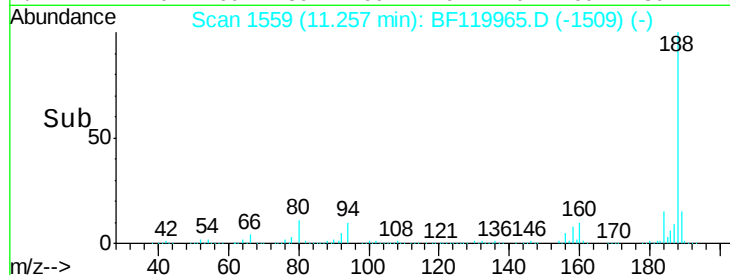
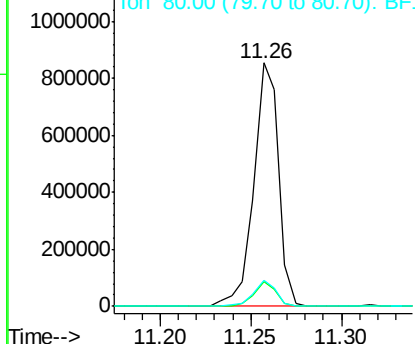
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119965.D
Acq: 14 Apr 2020 21:13

Instrument :
BNA_F
ClientSampled :
TP-33

Tot Ion:188 Resp: 808475
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 10.6 7.4 11.2

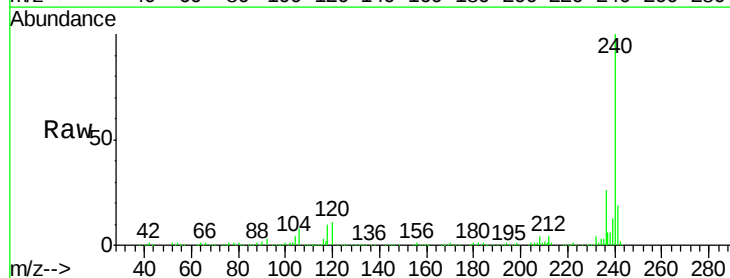


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

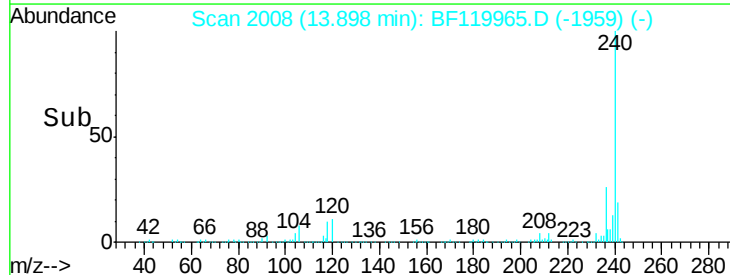
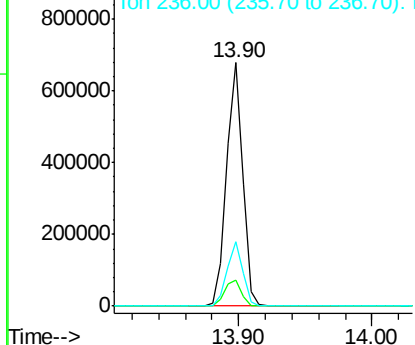


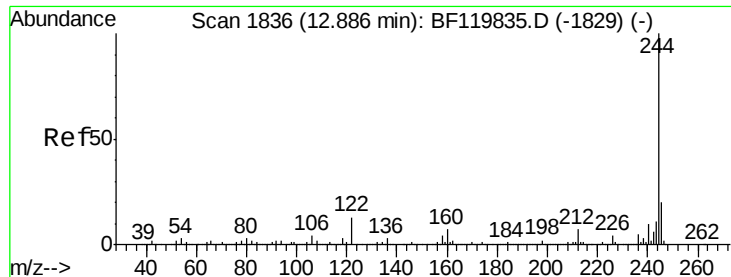
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119965.D
Acq: 14 Apr 2020 21:13

Tgt Ion:240 Resp: 585688
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.6
236 26.3 20.7 31.1



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: 83.709 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF119965.D

Acq: 14 Apr 2020 21:13

Instrument :

BNA_F

ClientSampleId :

TP-33

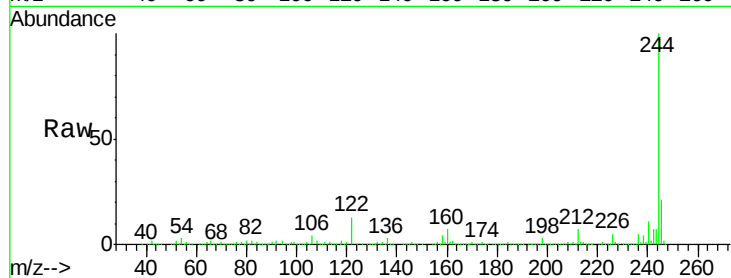
Tot Ion:244 Resp: 2913692

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

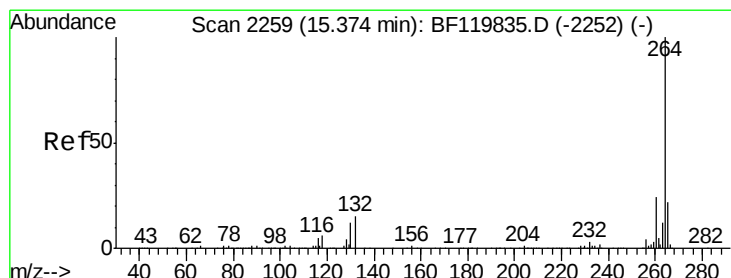
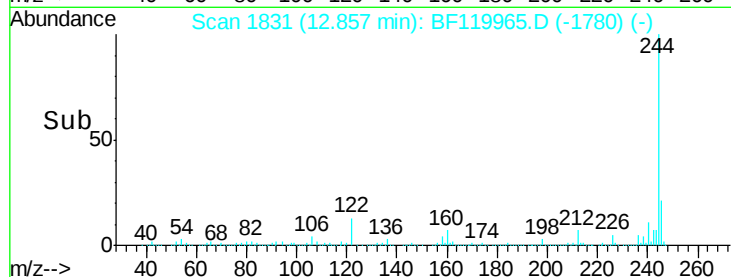
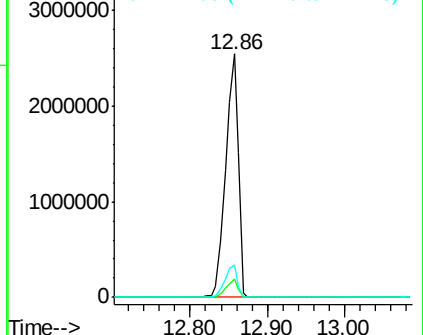
122 13.5 10.3 15.5



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: 15.32 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BF119965.D

Acq: 14 Apr 2020 21:13

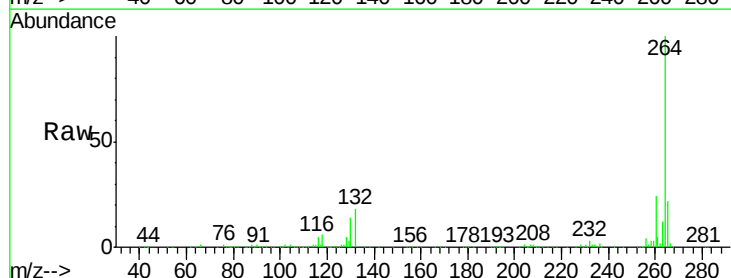
Tgt Ion:264 Resp: 441754

Ion Ratio Lower Upper

264 100

260 24.4 19.3 28.9

265 22.1 17.6 26.4



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

