

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119714.D
 Acq On : 3 Apr 2020 12:59
 Operator : MA/SJ
 Sample : PB127977TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127977TB

Quant Time: Apr 03 13:41:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	229774	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	871332	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	444608	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	863753	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	710395	20.00	ng	-0.02
87) Perylene-d12	15.43	264	710386	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1792227	124.17	ng	0.01
7) Phenol-d6	6.43	99	2289263	124.16	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1380069	86.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	627333	136.77	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2496086	83.17	ng	-0.01
79) Terphenyl-d14	12.93	244	2894904	79.84	ng	-0.01

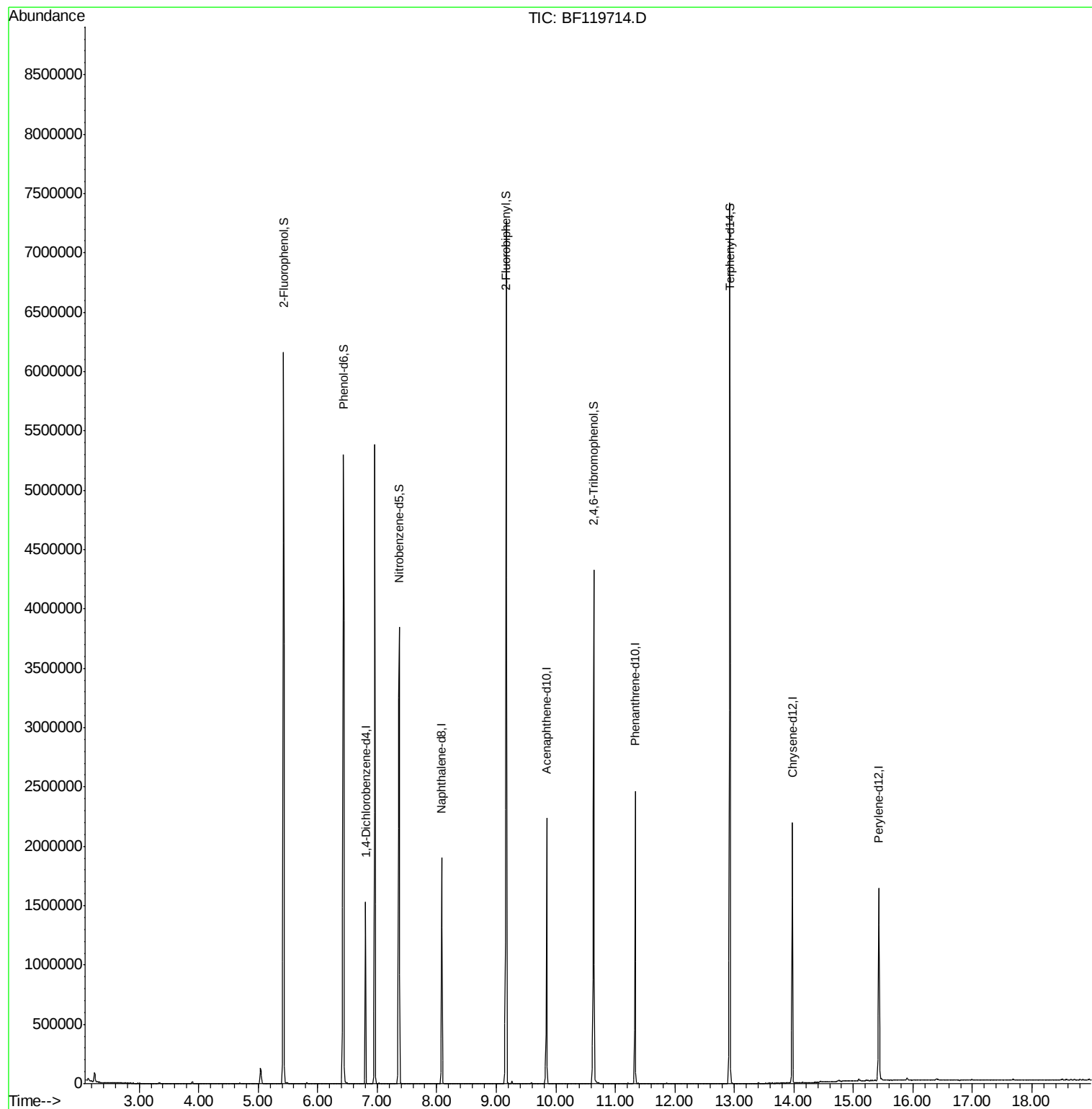
Target Compounds Qvalue

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

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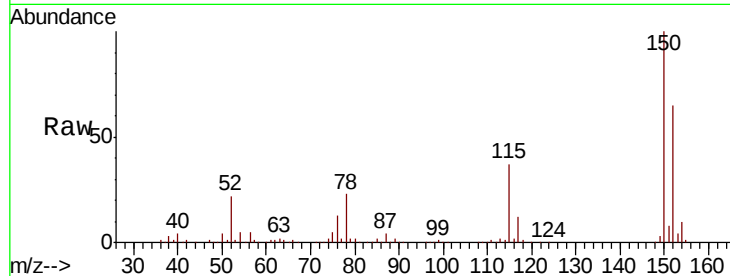


#1

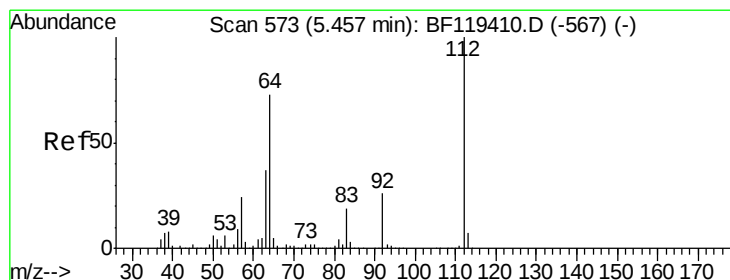
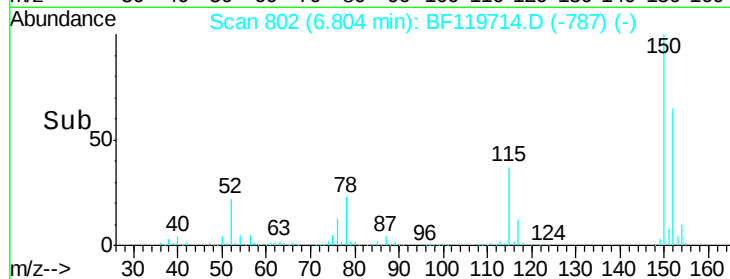
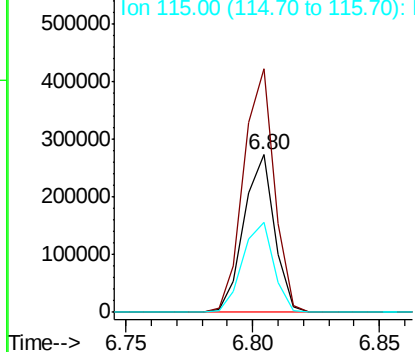
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119714.D
Acq: 3 Apr 2020 12:59

Instrument :
BNA_F
ClientSampleId :
PB127977TB

Tot Ion:152 Resp: 229774
Ion Ratio Lower Upper
152 100
150 154.5 124.5 186.7
115 56.8 49.6 74.4



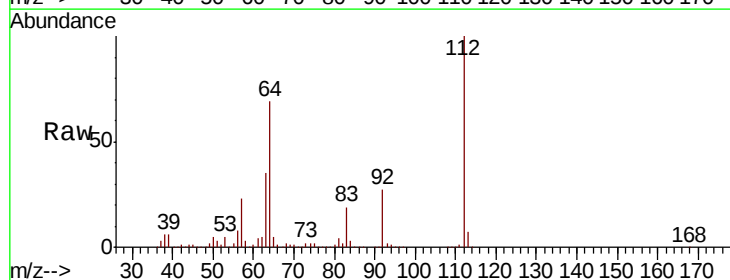
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



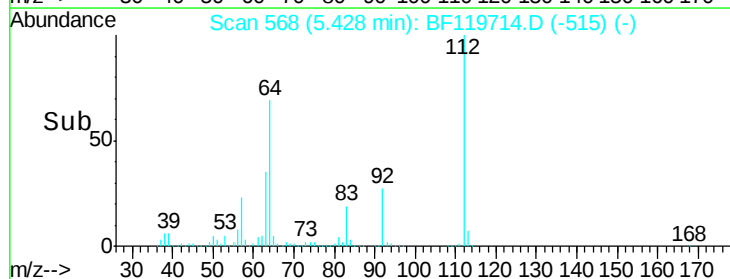
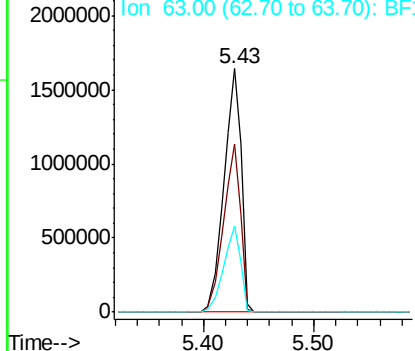
#5

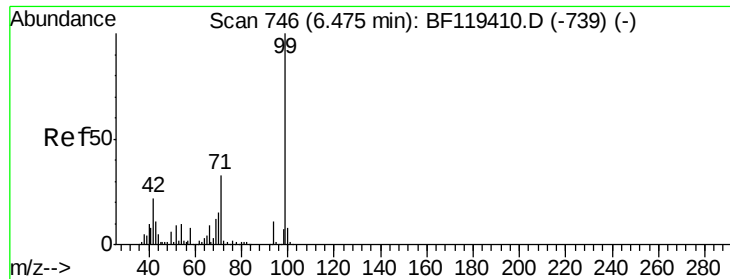
2-Fluorophenol
Concen: 124.168 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF119714.D
Acq: 3 Apr 2020 12:59

Tgt Ion:112 Resp: 1792227
Ion Ratio Lower Upper
112 100
64 69.3 56.7 85.1
63 35.5 29.5 44.3



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: 124.158 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF119714.D

Acq: 3 Apr 2020 12:59

Instrument :

BNA_F

ClientSampleId :

PB127977TB

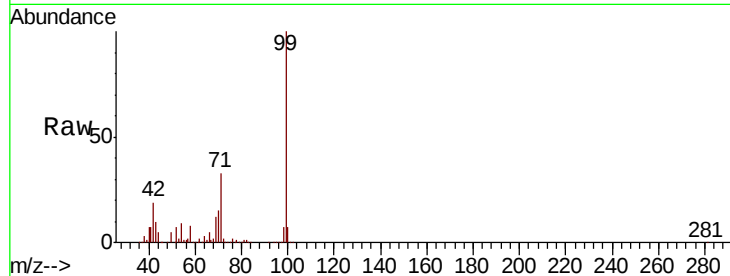
Tot Ion: 99 Resp: 2289263

Ion Ratio Lower Upper

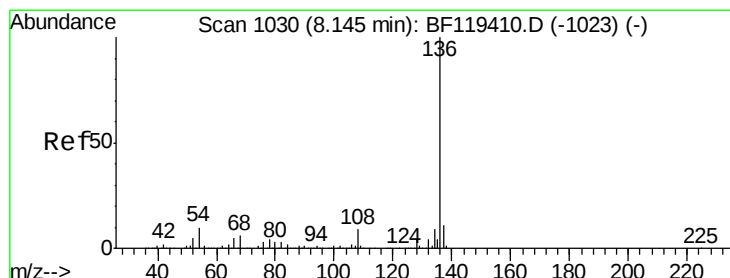
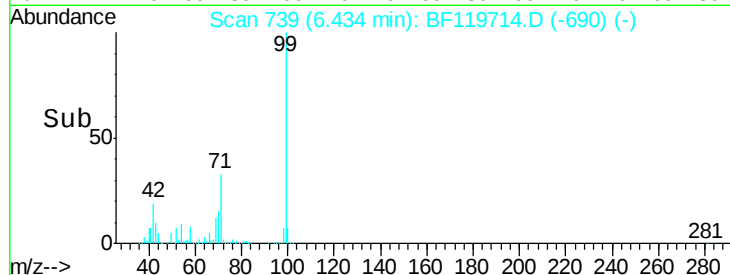
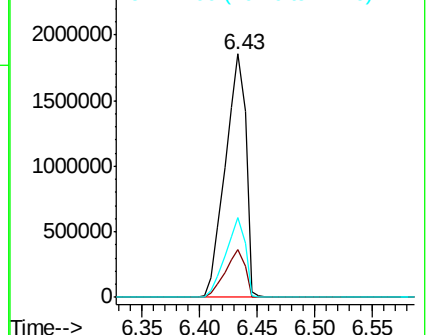
99 100

42 19.4 16.6 24.8

71 32.6 26.4 39.6



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: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119714.D

Acq: 3 Apr 2020 12:59

Tgt Ion: 136 Resp: 871332

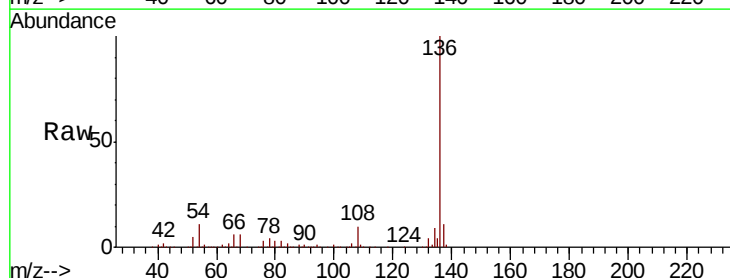
Ion Ratio Lower Upper

136 100

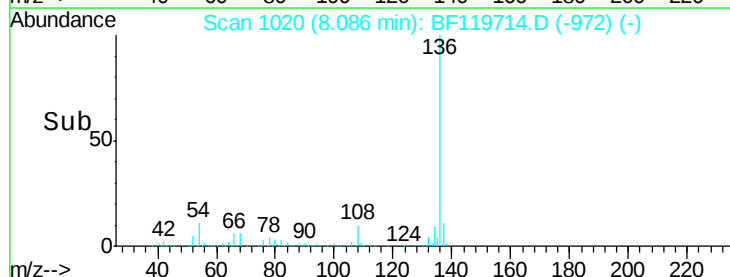
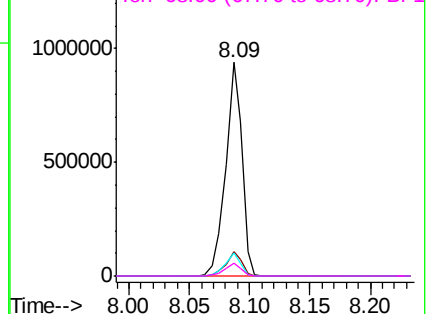
137 11.2 8.7 13.1

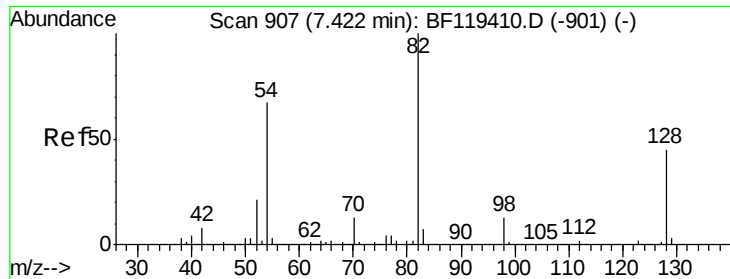
54 10.8 9.1 13.7

68 6.2 4.6 6.8



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

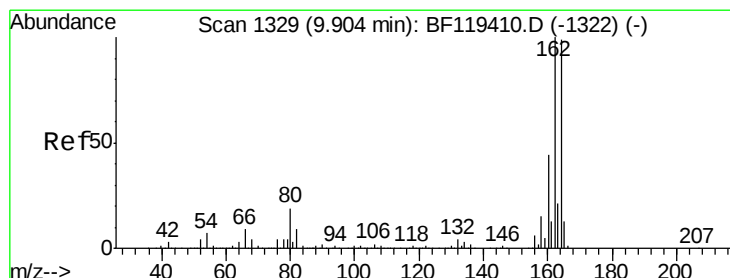
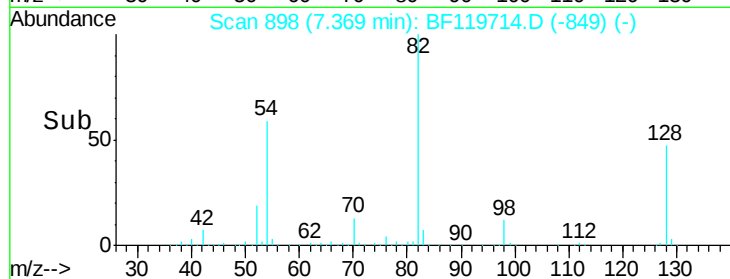
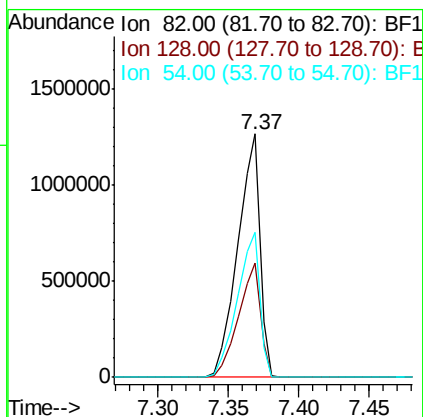
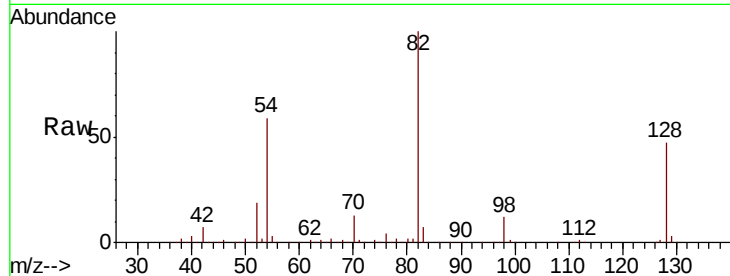




#23
 Nitrobenzene-d5
 Concen: 86.079 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF119714.D
 Acq: 3 Apr 2020 12:59

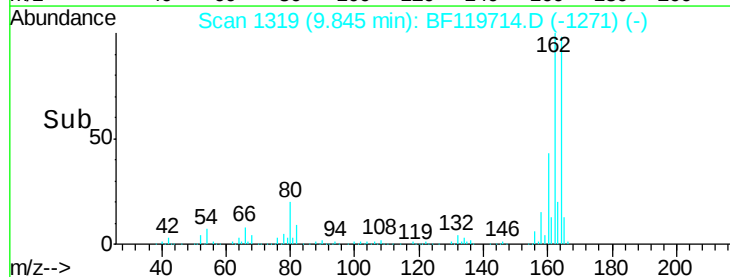
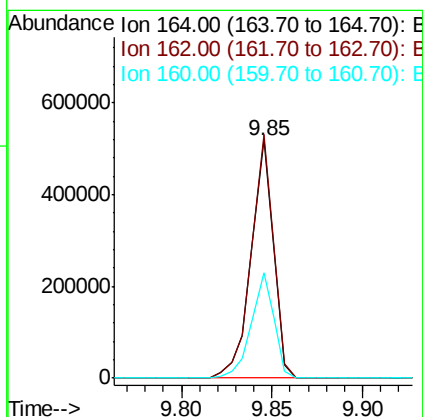
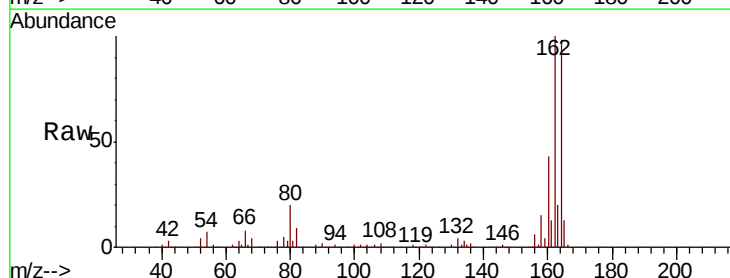
Instrument :
 BNA_F
 ClientSampleId :
 PB127977TB

Tot Ion: 82 Resp: 1380069
 Ion Ratio Lower Upper
 82 100
 128 47.1 36.3 54.5
 54 59.3 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.02 min
 Lab File: BF119714.D
 Acq: 3 Apr 2020 12:59

Tgt Ion:164 Resp: 444608
 Ion Ratio Lower Upper
 164 100
 162 102.3 80.6 121.0
 160 44.4 35.7 53.5

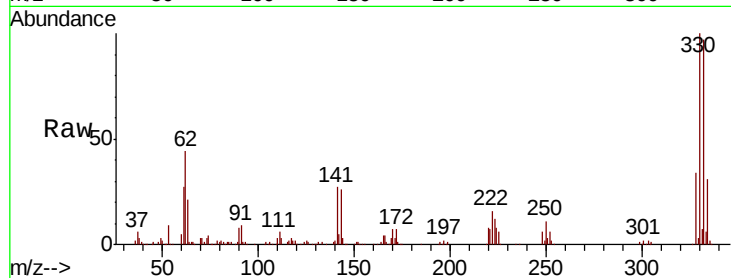




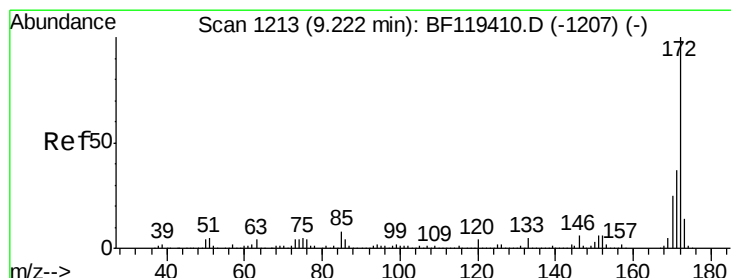
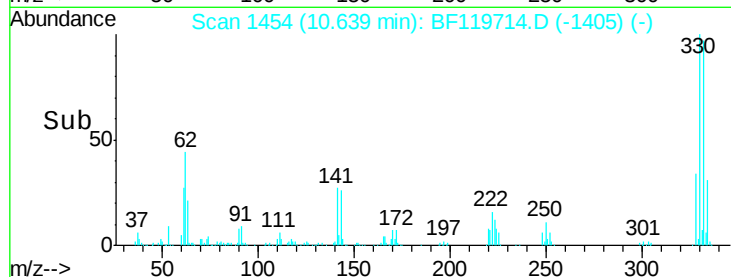
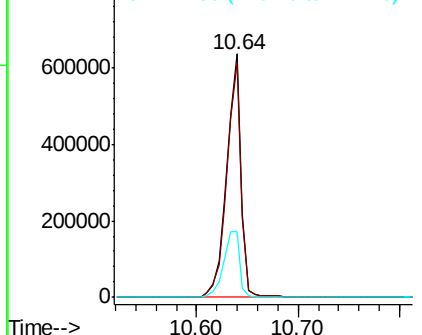
#42
 2,4,6-Tribromophenol
 Concen: 136.767 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119714.D
 Acq: 3 Apr 2020 12:59

Instrument :
 BNA_F
 ClientSampleId :
 PB127977TB

Tot Ion:330 Resp: 627333
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.7 113.5
 141 30.4 25.4 38.0

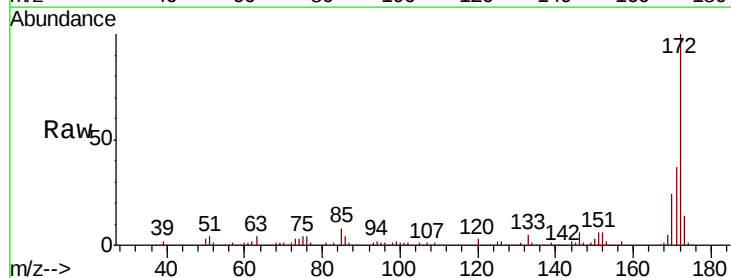


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

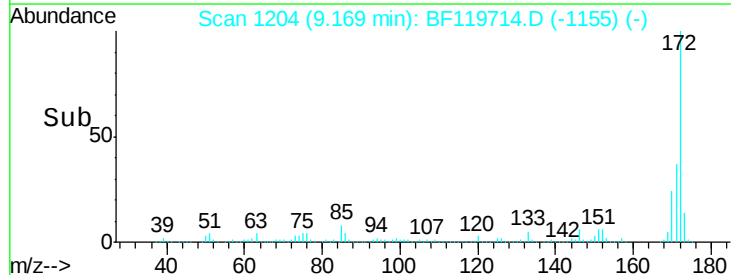
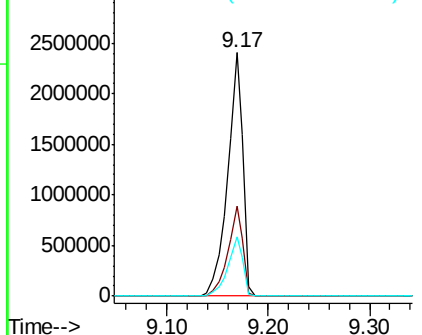


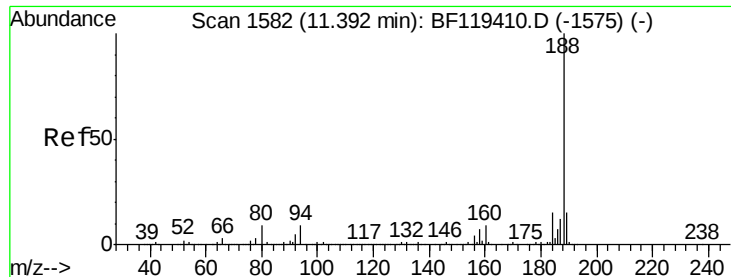
#45
 2-Fluorobiphenyl
 Concen: 83.172 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119714.D
 Acq: 3 Apr 2020 12:59

Tgt Ion:172 Resp: 2496086
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 24.5 20.2 30.2



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

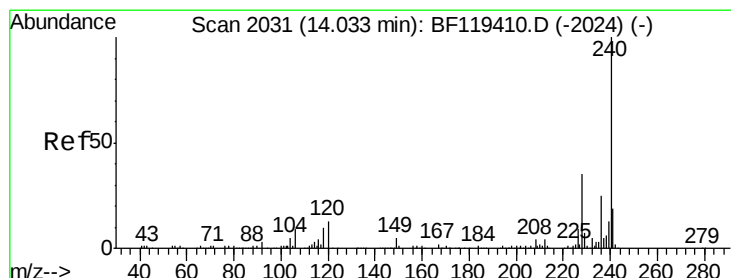
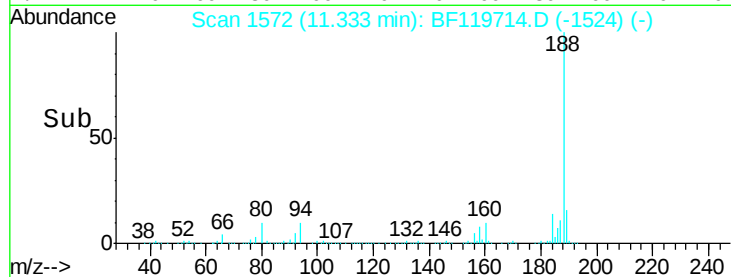
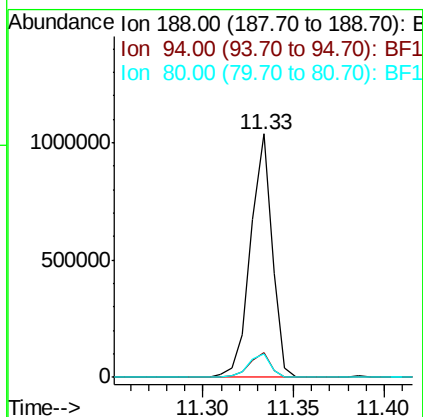
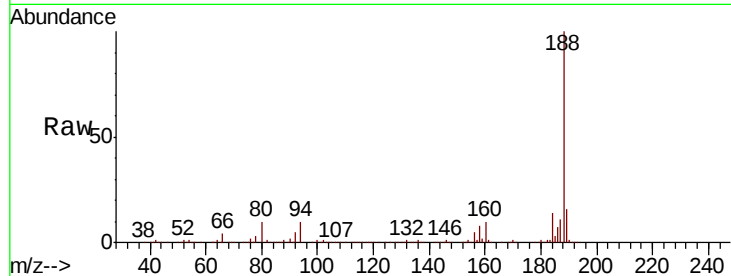




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: BF119714.D
 Acq: 3 Apr 2020 12:59

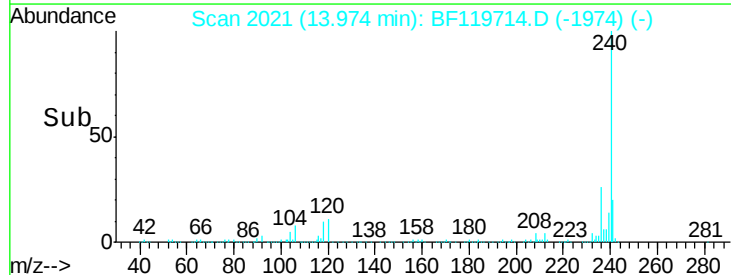
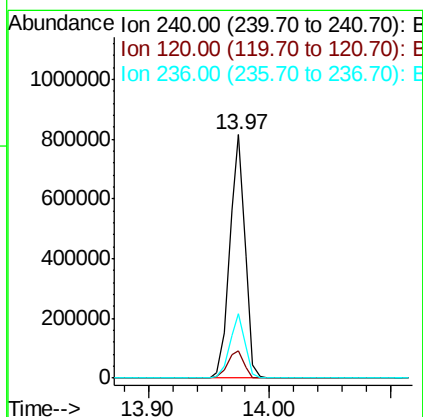
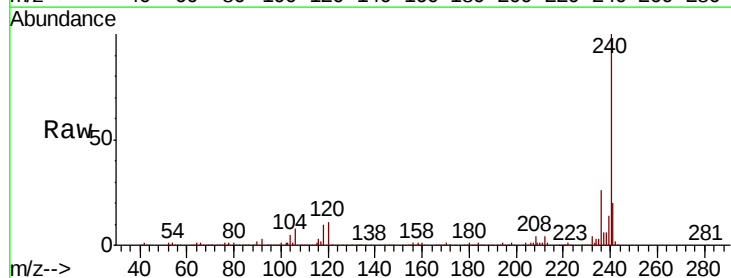
Instrument :
 BNA_F
 ClientSampled :
 PB127977TB

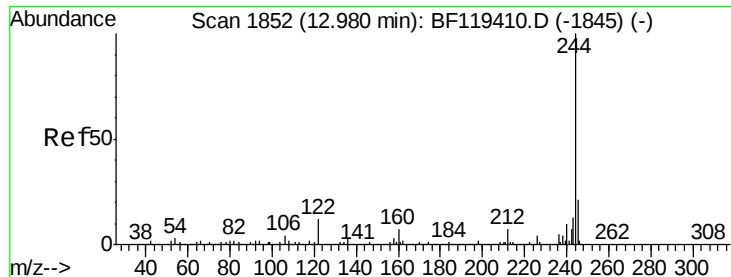
Tot Ion:188 Resp: 863753
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.5 11.3
 80 9.7 9.0 13.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF119714.D
 Acq: 3 Apr 2020 12:59

Tgt Ion:240 Resp: 710395
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.6 15.8
 236 26.4 20.2 30.2





#79

Terphenyl-d14

Concen: 79.839 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119714.D

Acq: 3 Apr 2020 12:59

Instrument :

BNA_F

ClientSampleId :

PB127977TB

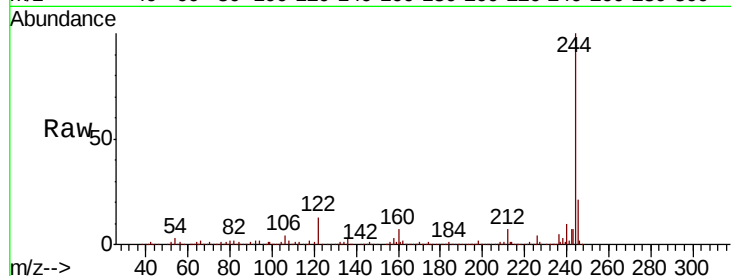
Tot Ion:244 Resp: 2894904

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

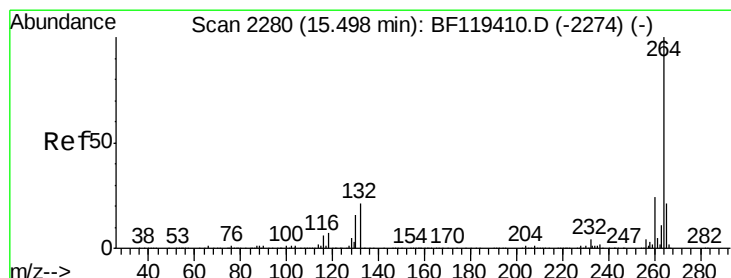
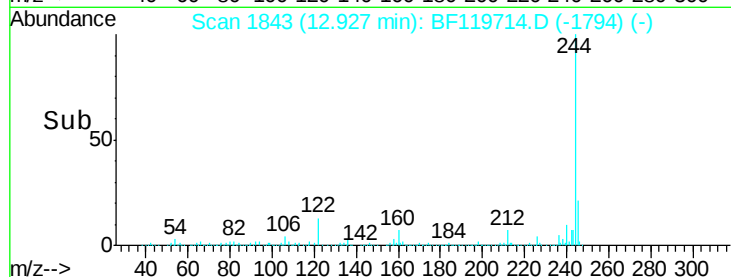
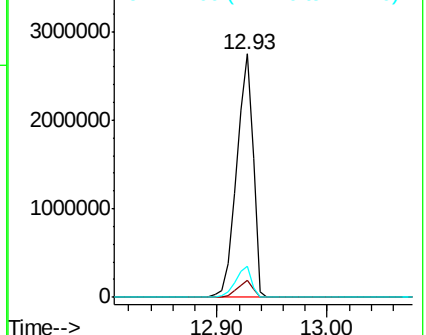
122 13.0 10.3 15.5



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: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF119714.D

Acq: 3 Apr 2020 12:59

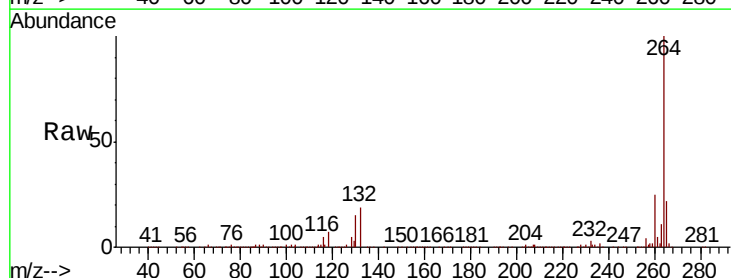
Tgt Ion:264 Resp: 710386

Ion Ratio Lower Upper

264 100

260 24.7 18.7 28.1

265 21.6 17.7 26.5



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

