

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119222.D
 Acq On : 5 Mar 2020 20:03
 Operator : CG/JU
 Sample : PB127285BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127285BL

Quant Time: Mar 06 07:09:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	137986	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	544118	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	307654	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	582107	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	363827	20.00	ng	-0.02
87) Perylene-d12	15.30	264	294121	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1047669	126.89	ng	0.00
7) Phenol-d6	6.38	99	1285245	127.99	ng	-0.02
23) Nitrobenzene-d5	7.29	82	854274	82.90	ng	-0.04
42) 2,4,6-Tribromophenol	10.55	330	493615	122.65	ng	-0.02
45) 2-Fluorobiphenyl	9.08	172	1719305	82.33	ng	-0.03
79) Terphenyl-d14	12.83	244	2168999	102.64	ng	-0.02

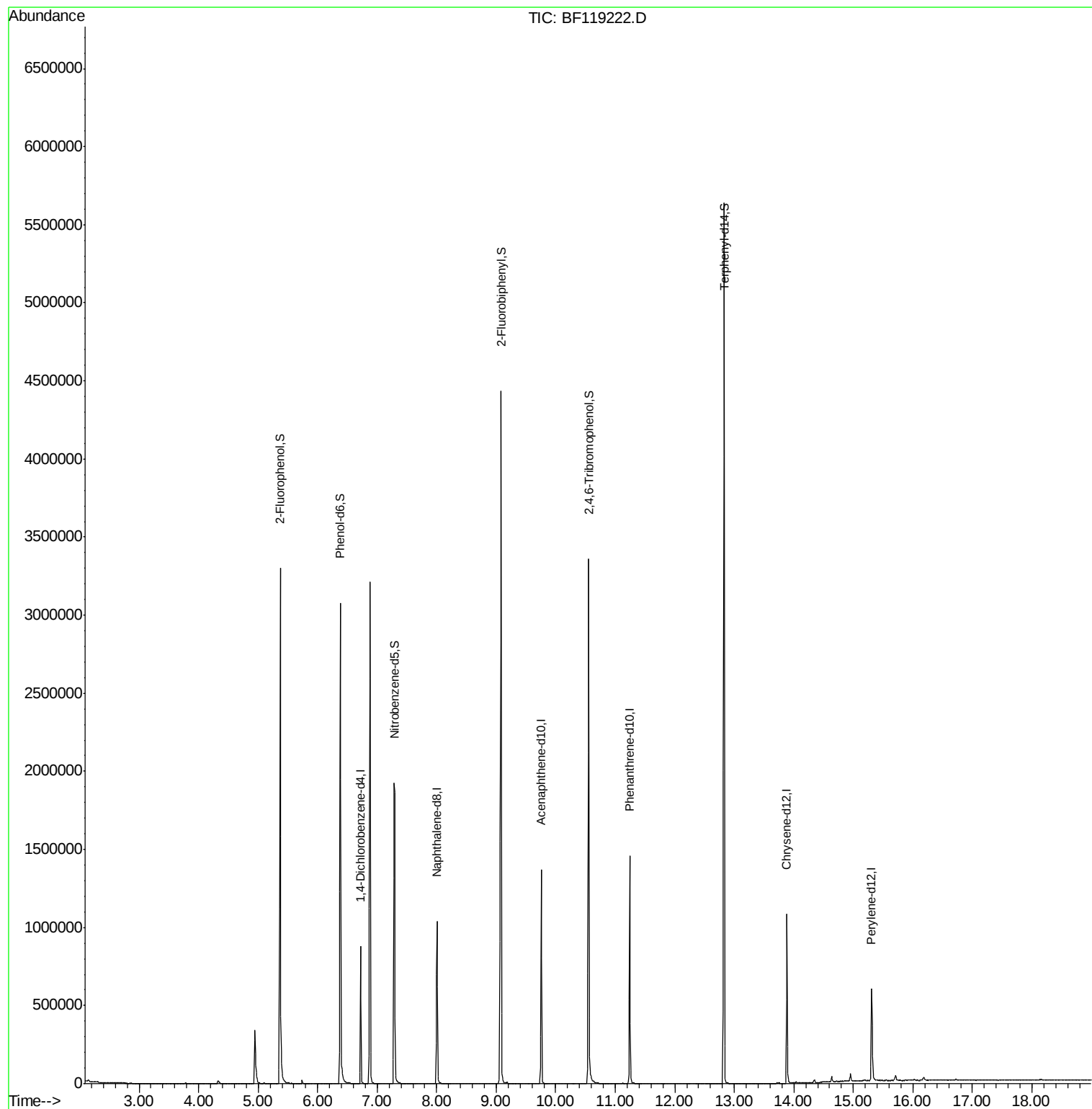
Target Compounds Qvalue

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

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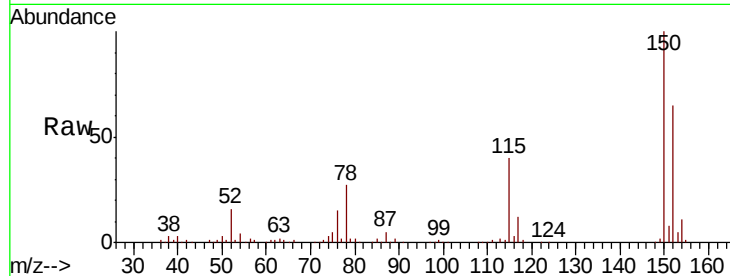


#1

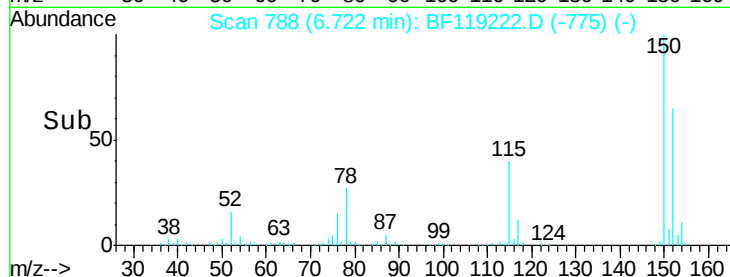
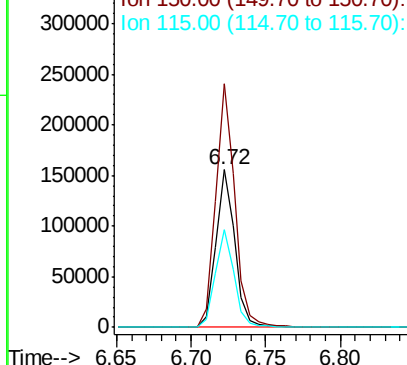
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119222.D
Acq: 5 Mar 2020 20:03

Instrument :
BNA_F
ClientSampleId :
PB127285BL

Tot Ion:152 Resp: 137986
Ion Ratio Lower Upper
152 100
150 154.7 123.0 184.6
115 61.8 49.5 74.3



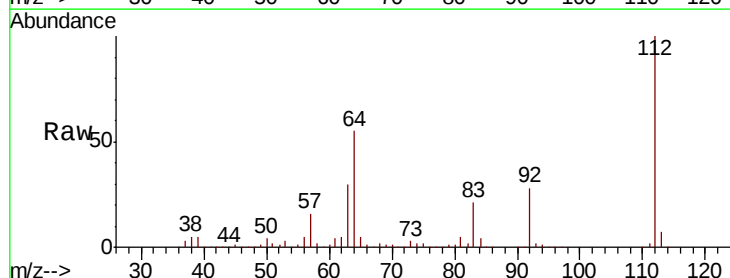
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



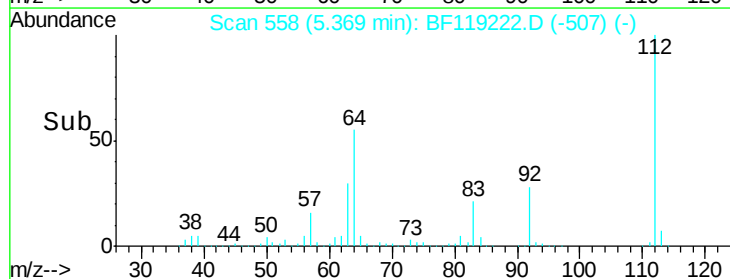
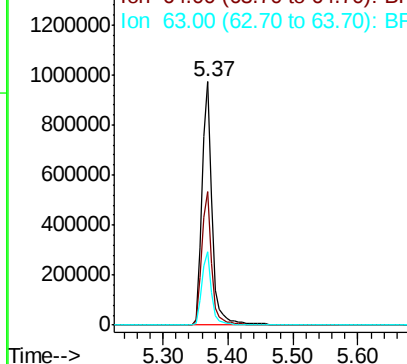
#5

2-Fluorophenol
Concen: 126.885 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF119222.D
Acq: 5 Mar 2020 20:03

Tgt Ion:112 Resp: 1047669
Ion Ratio Lower Upper
112 100
64 54.9 45.0 67.4
63 29.9 24.2 36.4



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: 127.989 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119222.D

Acq: 5 Mar 2020 20:03

Instrument :

BNA_F

ClientSampleId :

PB127285BL

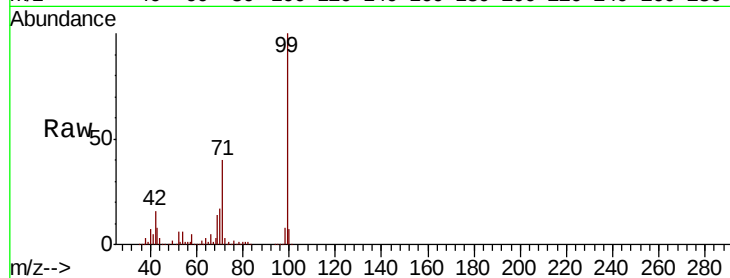
Tot Ion: 99 Resp: 1285245

Ion Ratio Lower Upper

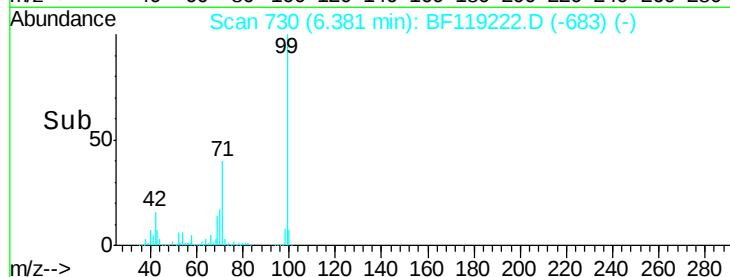
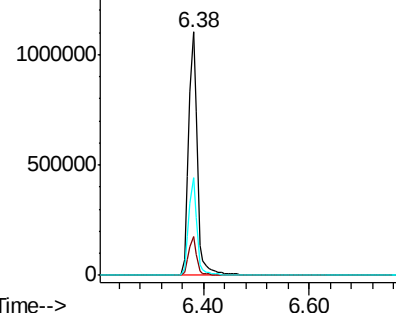
99 100

42 16.2 12.6 18.8

71 40.1 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000 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: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF119222.D

Acq: 5 Mar 2020 20:03

Tgt Ion: 136 Resp: 544118

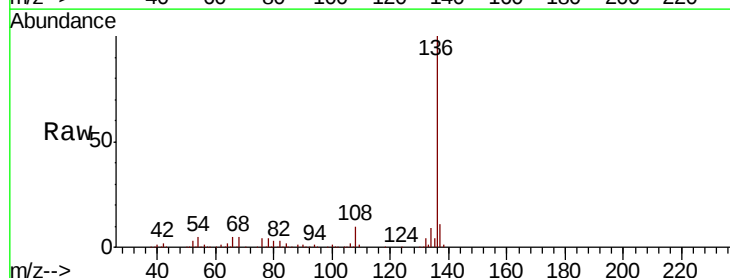
Ion Ratio Lower Upper

136 100

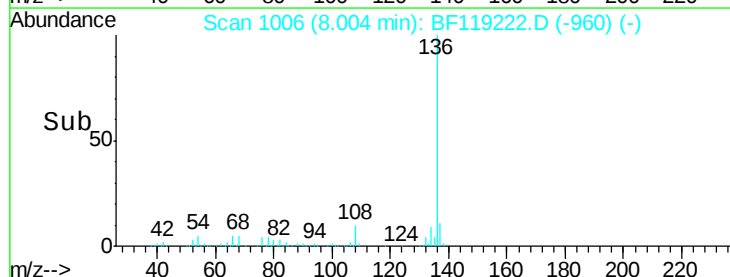
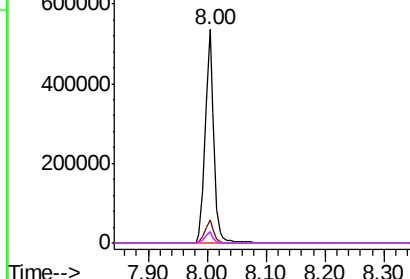
137 10.6 8.8 13.2

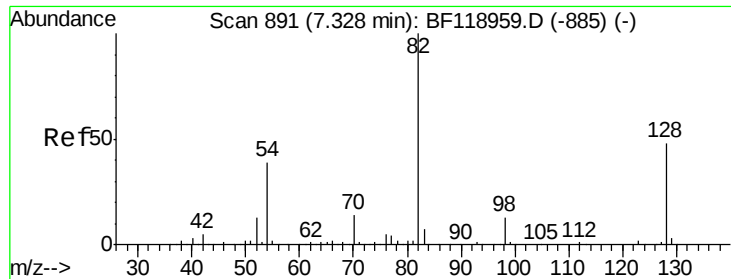
54 4.8 3.8 5.6

68 5.4 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

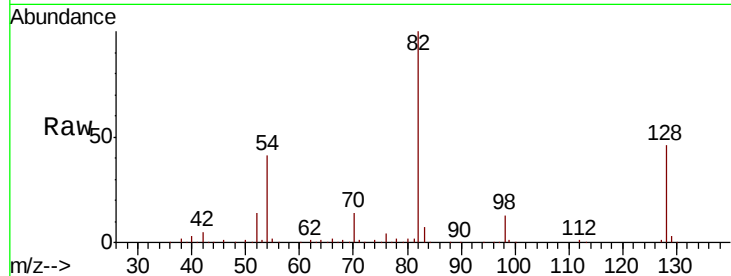




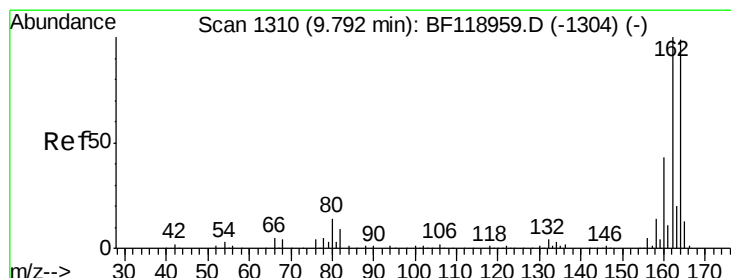
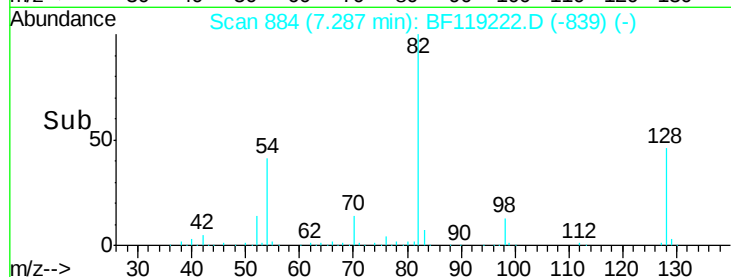
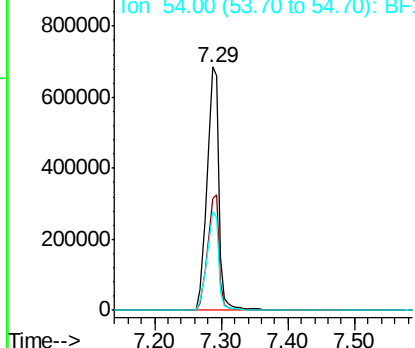
#23
 Nitrobenzene-d5
 Concen: 82.897 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF119222.D
 Acq: 5 Mar 2020 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB127285BL

Tot Ion: 82 Resp: 854274
 Ion Ratio Lower Upper
 82 100
 128 46.1 37.9 56.9
 54 40.9 33.4 50.2

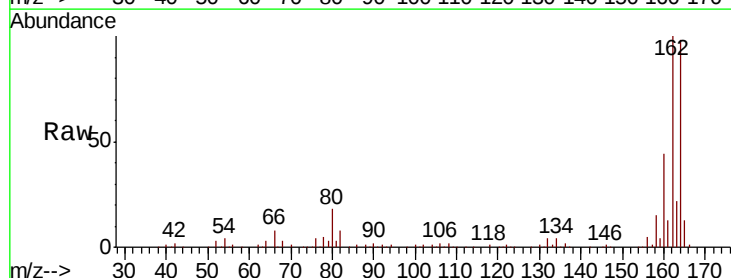


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

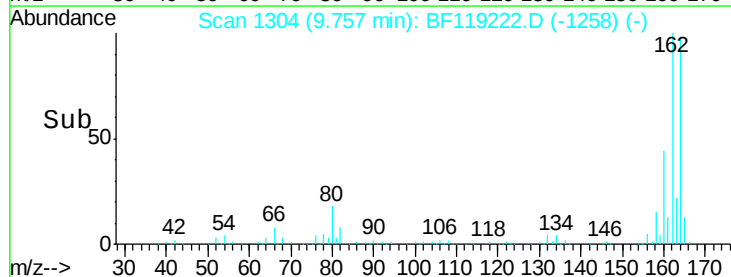
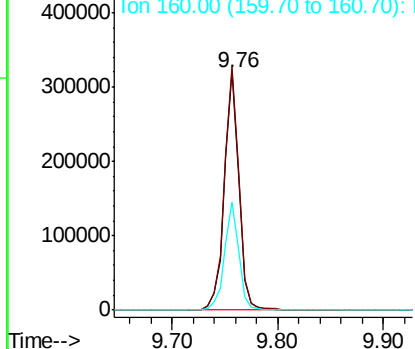


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF119222.D
 Acq: 5 Mar 2020 20:03

Tgt Ion:164 Resp: 307654
 Ion Ratio Lower Upper
 164 100
 162 102.2 81.8 122.8
 160 45.3 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

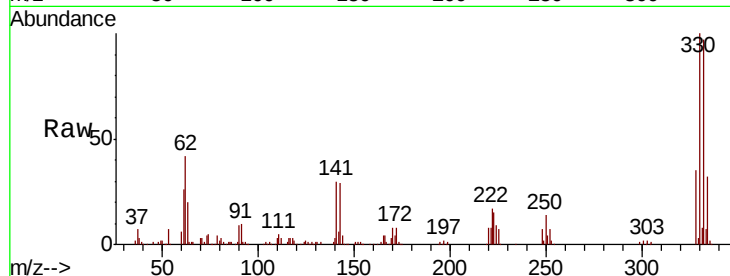




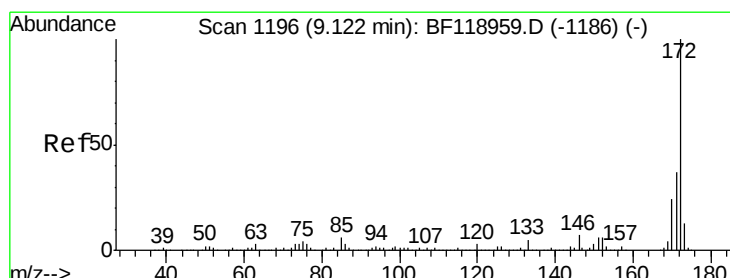
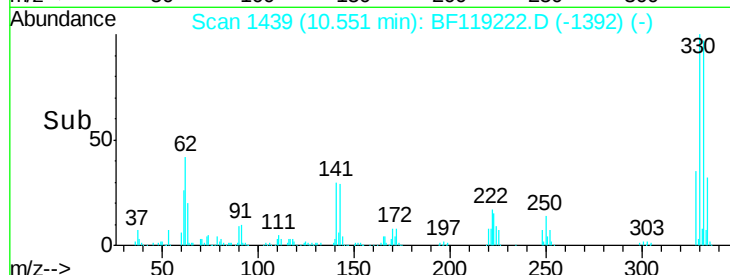
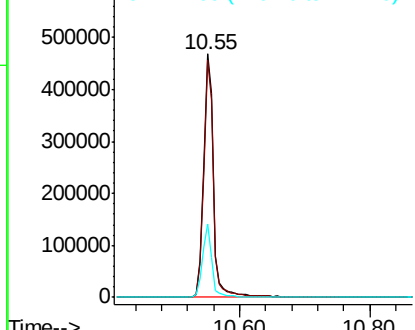
#42
 2,4,6-Tribromophenol
 Concen: 122.648 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF119222.D
 Acq: 5 Mar 2020 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB127285BL

Tot Ion:330 Resp: 493615
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.0 114.0
 141 29.1 22.9 34.3

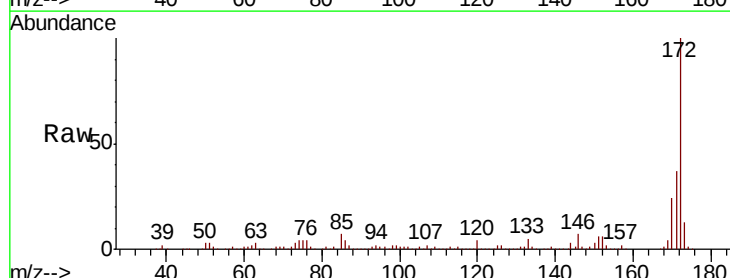


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

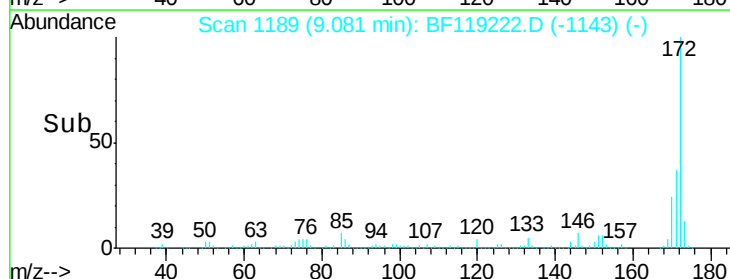
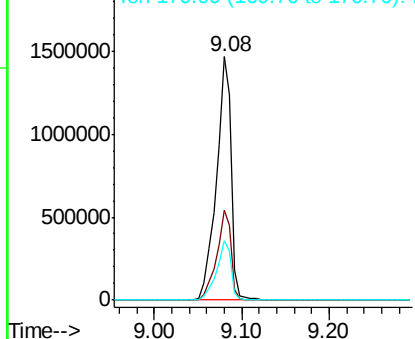


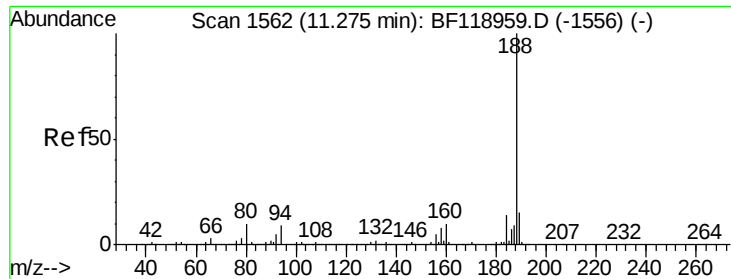
#45
 2-Fluorobiphenyl
 Concen: 82.327 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF119222.D
 Acq: 5 Mar 2020 20:03

Tgt Ion:172 Resp: 1719305
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.6 45.8
 170 24.3 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

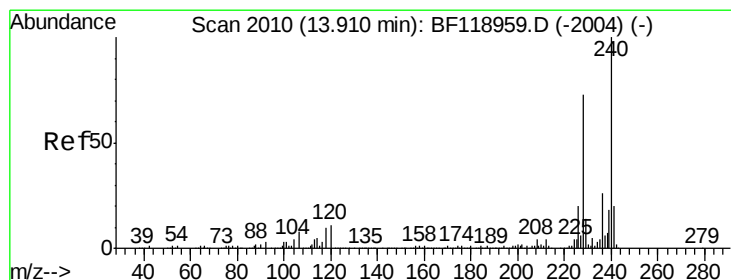
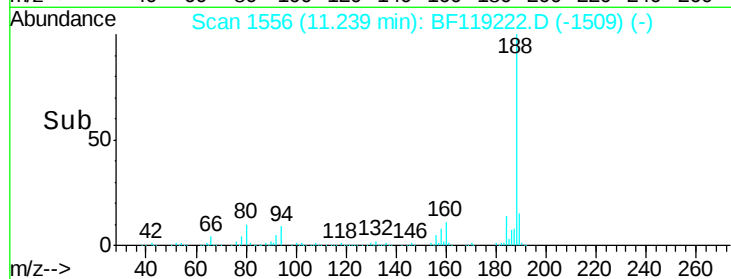
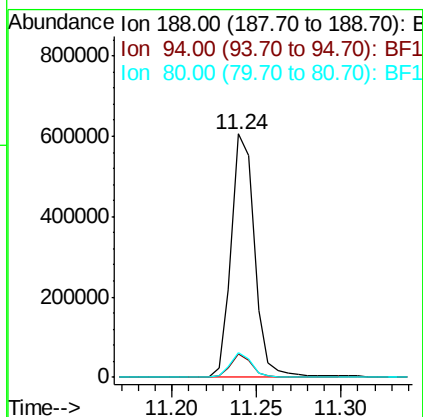
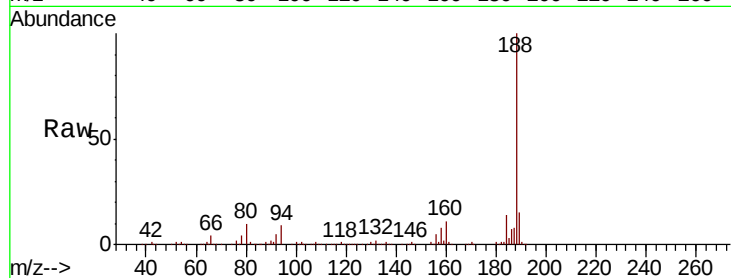




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF119222.D
Acq: 5 Mar 2020 20:03

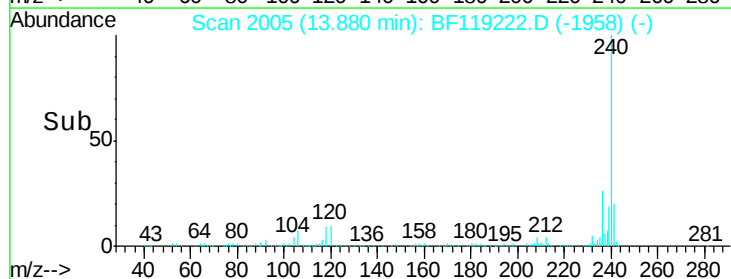
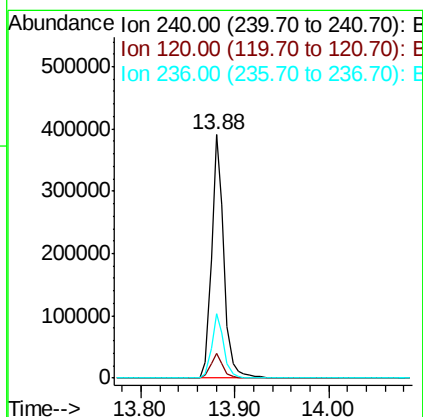
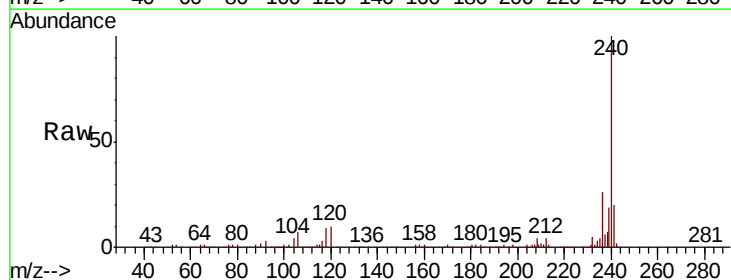
Instrument :
BNA_F
ClientSampleId :
PB127285BL

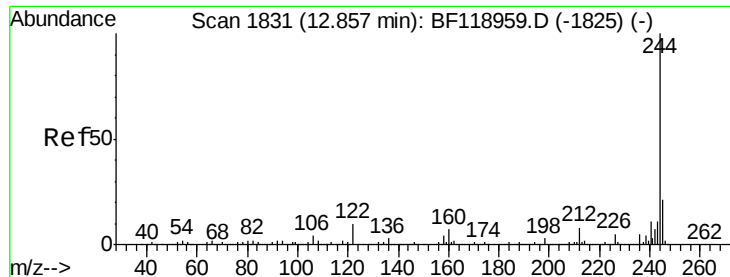
Tot Ion:188 Resp: 582107
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 10.2 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF119222.D
Acq: 5 Mar 2020 20:03

Tgt Ion:240 Resp: 363827
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 26.3 21.0 31.4





#79

Terphenyl-d14

Concen: 102.640 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119222.D

Acq: 5 Mar 2020 20:03

Instrument :

BNA_F

ClientSampleID :

PB127285BL

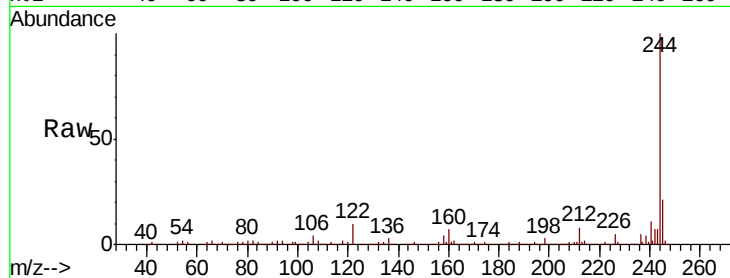
Tot Ion:244 Resp: 2168999

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

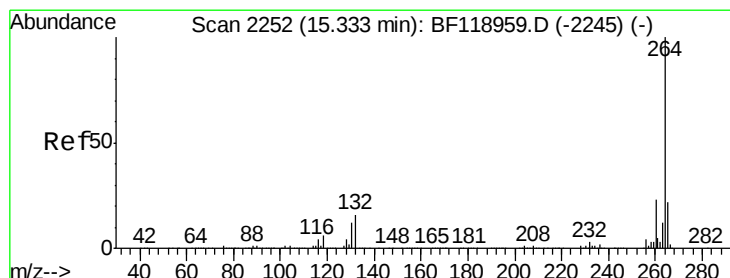
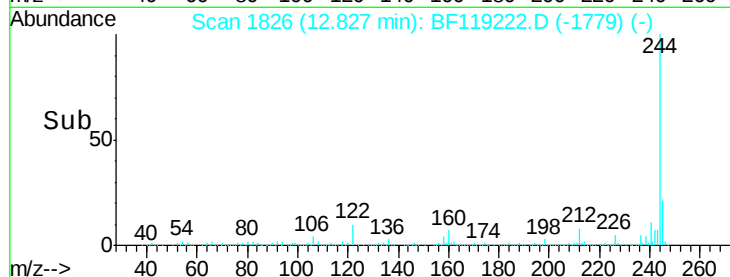
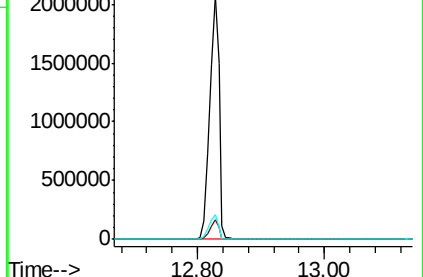
122 10.3 8.2 12.2



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: 15.30 min Scan# 2247

Delta R.T. -0.02 min

Lab File: BF119222.D

Acq: 5 Mar 2020 20:03

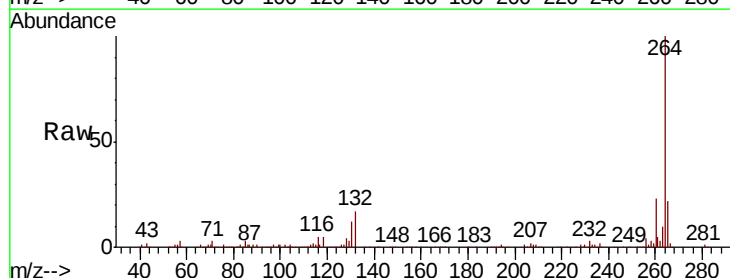
Tgt Ion:264 Resp: 294121

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 22.0 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

