

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120989.D
 Acq On : 23 Jul 2020 19:23
 Operator : JU/CG
 Sample : PB130431BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130431BL

Quant Time: Jul 24 01:21:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149883	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	559383	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	297413	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	596494	20.00	ng	0.00
76) Chrysene-d12	13.96	240	501380	20.00	ng	-0.01
86) Perylene-d12	15.41	264	449858	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1114241	121.87	ng	0.01
7) Phenol-d6	6.45	99	1351406	114.43	ng	0.00
23) Nitrobenzene-d5	7.37	82	852972	88.23	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	427783	131.40	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1637932	82.23	ng	0.00
79) Terphenyl-d14	12.92	244	1696515	73.55	ng	0.00

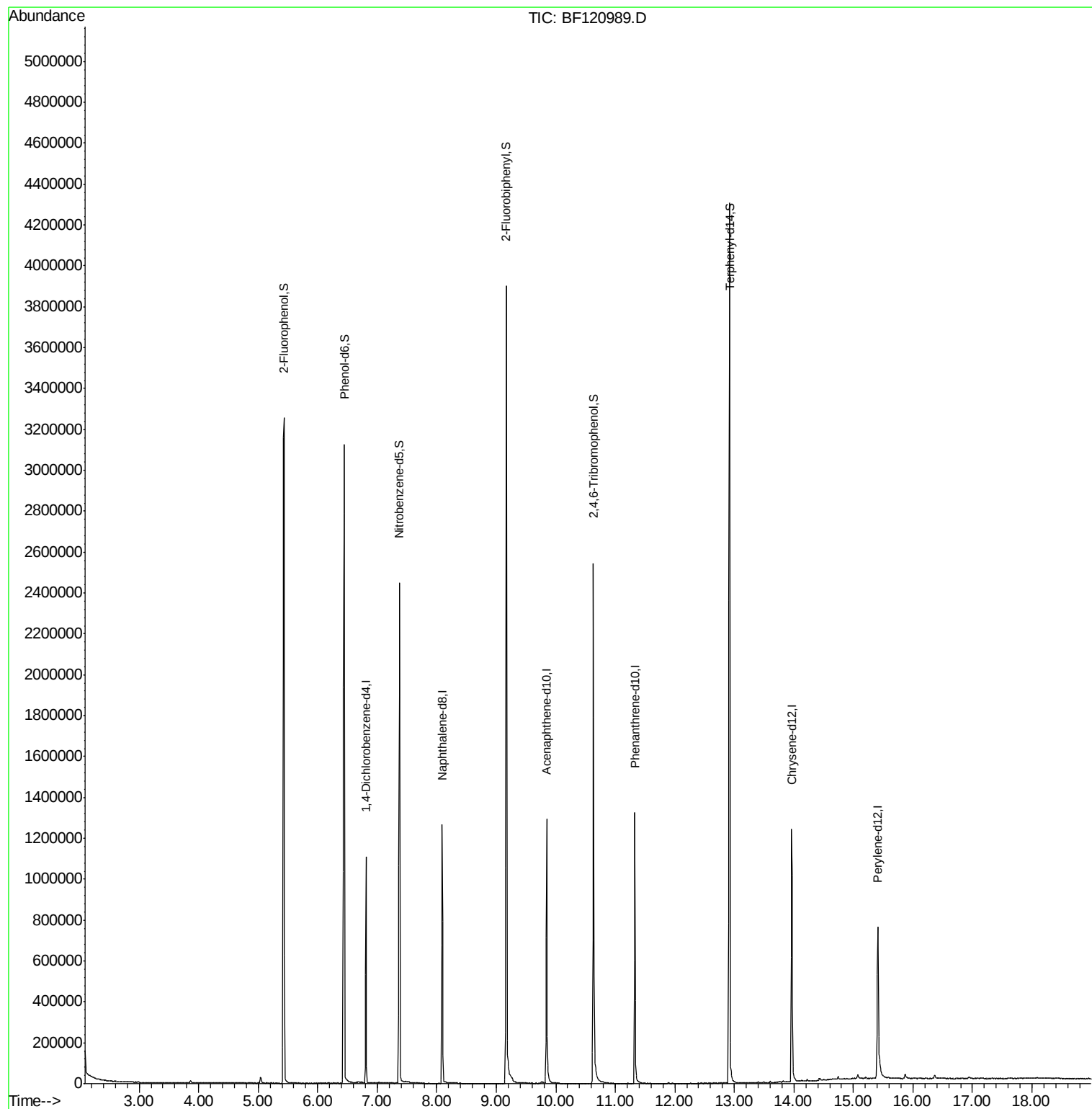
Target Compounds Qvalue

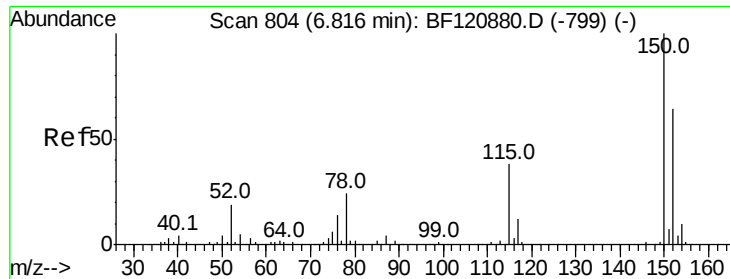
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
Data File : BF120989.D
Acq On : 23 Jul 2020 19:23
Operator : JU/CG
Sample : PB130431BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130431BL

Quant Time: Jul 24 01:21:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration



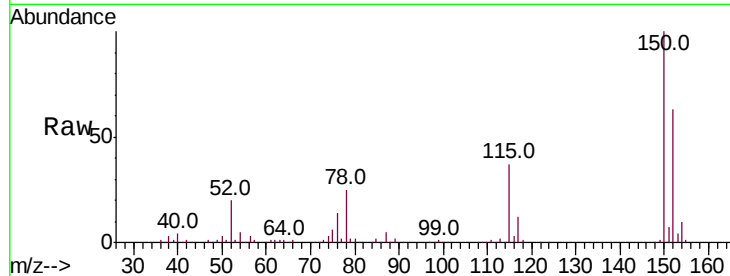


#1

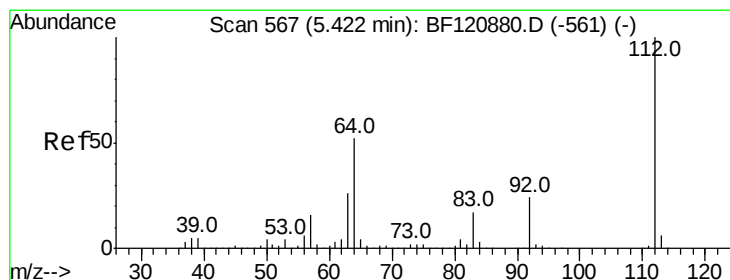
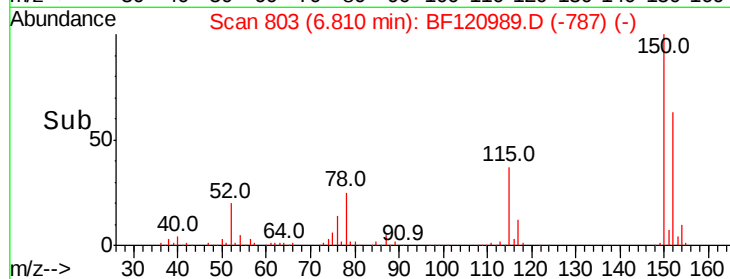
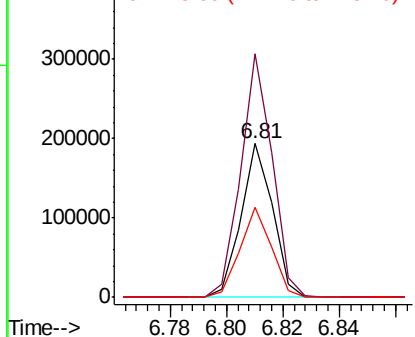
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF120989.D
 Acq: 23 Jul 2020 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB130431BL

Tot Ion:152 Resp: 149883
 Ion Ratio Lower Upper
 152 100
 150 158.4 125.0 187.6
 115 58.9 47.0 70.4



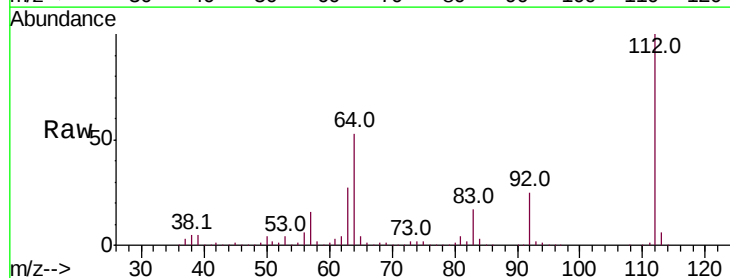
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



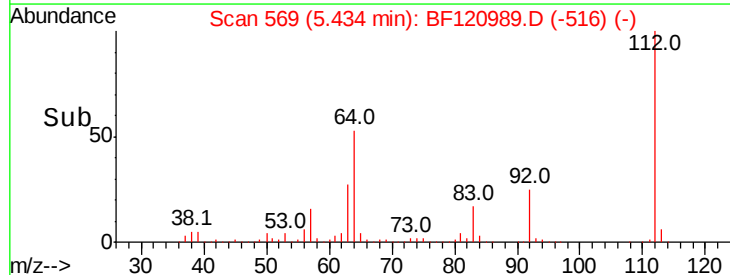
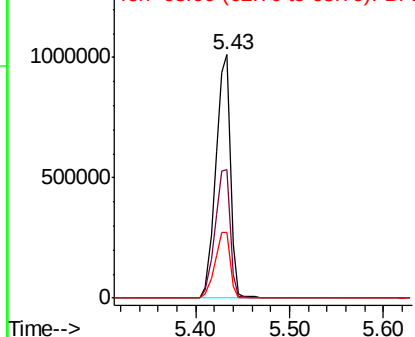
#5

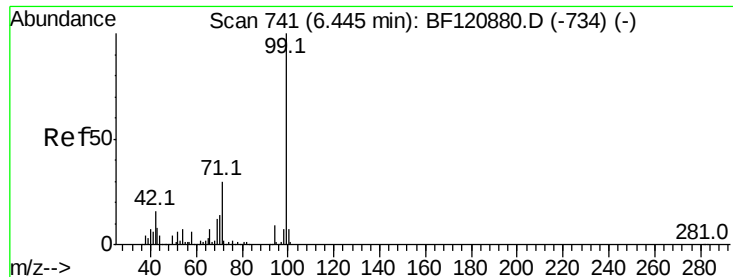
2-Fluorophenol
 Concen: 121.871 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF120989.D
 Acq: 23 Jul 2020 19:23

Tgt Ion:112 Resp: 1114241
 Ion Ratio Lower Upper
 112 100
 64 52.8 41.3 61.9
 63 27.2 21.1 31.7



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: 114.427 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120989.D

Acq: 23 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

PB130431BL

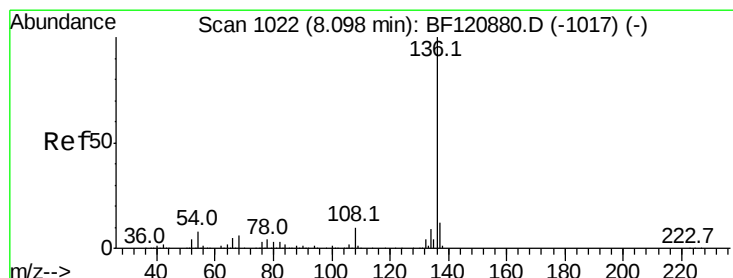
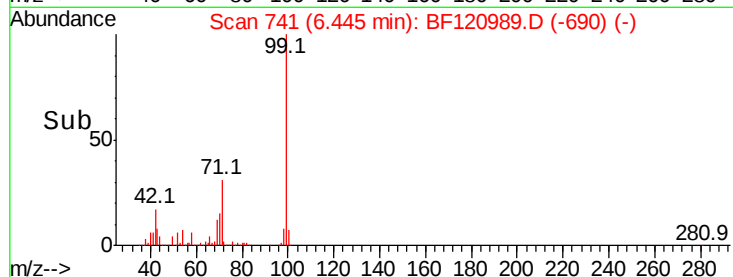
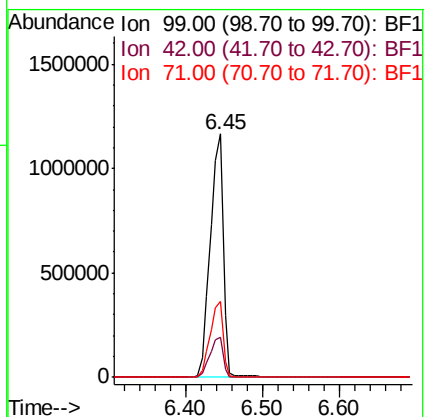
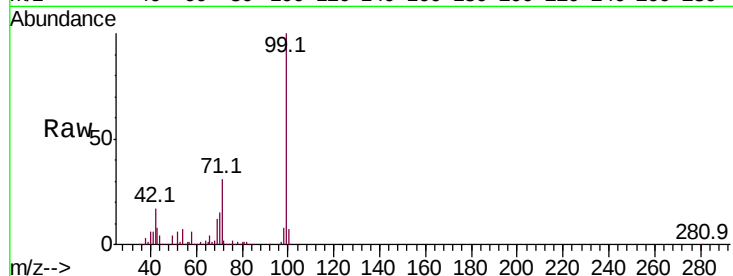
Tot Ion: 99 Resp: 1351406

Ion Ratio Lower Upper

99 100

42 16.5 13.1 19.7

71 31.3 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF120989.D

Acq: 23 Jul 2020 19:23

Tgt Ion: 136 Resp: 559383

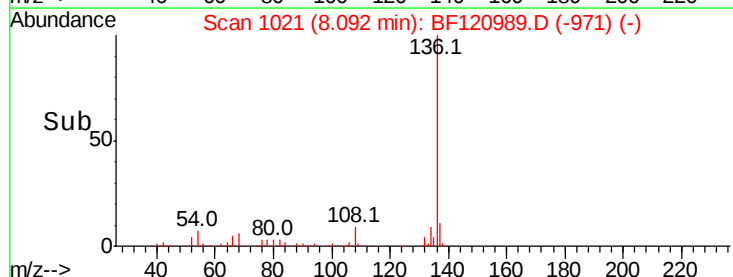
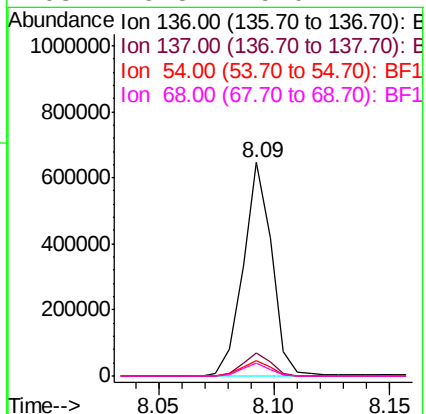
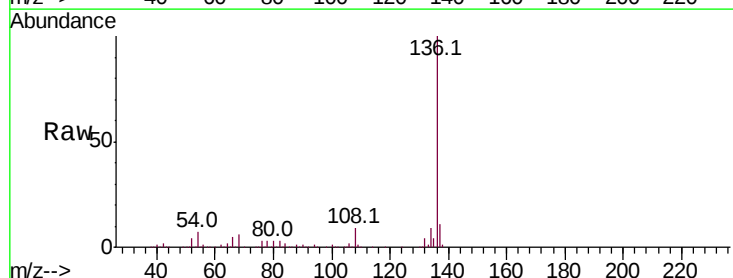
Ion Ratio Lower Upper

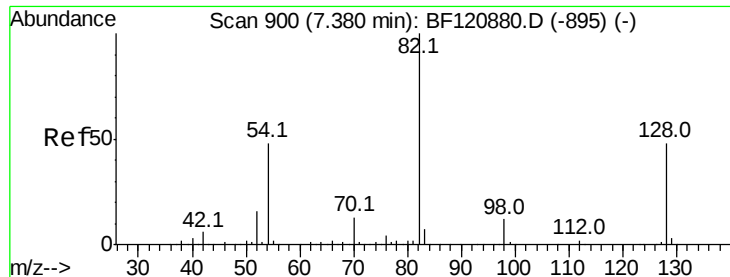
136 100

137 11.1 9.3 13.9

54 7.0 6.3 9.5

68 5.8 5.0 7.4

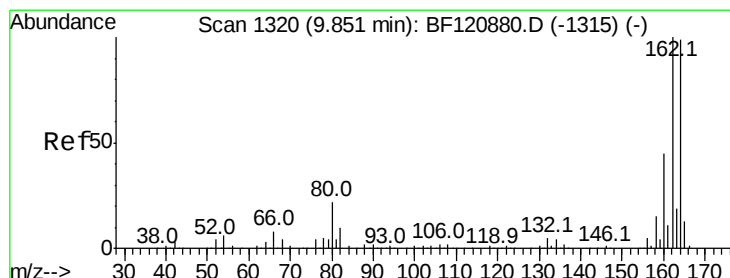
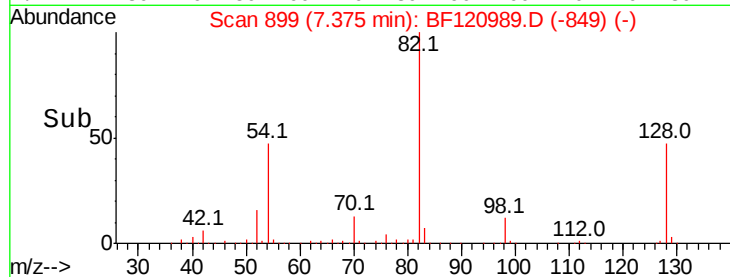
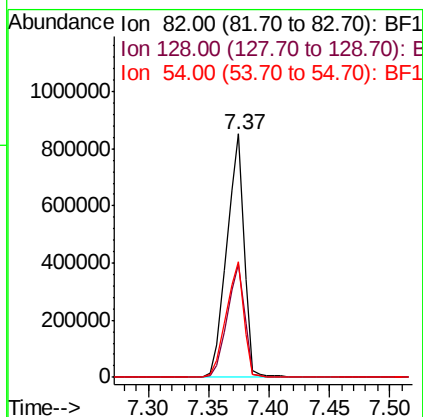
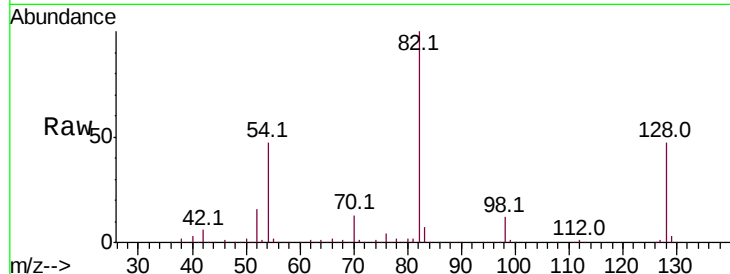




#23
 Nitrobenzene-d5
 Concen: 88.232 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120989.D
 Acq: 23 Jul 2020 19:23

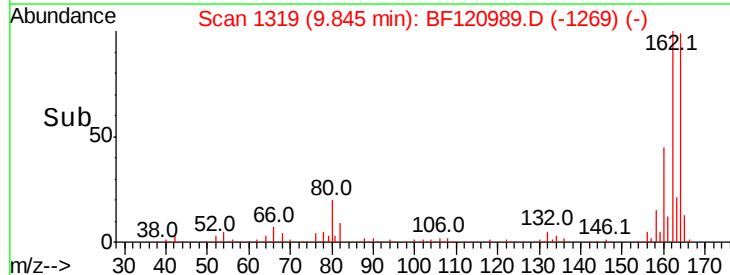
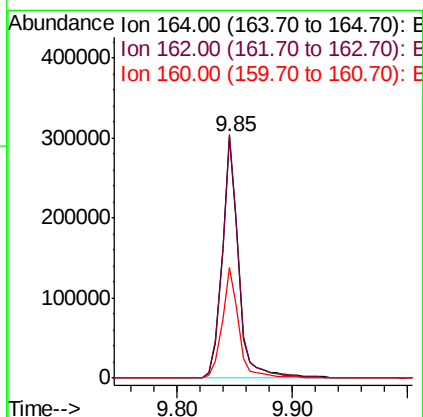
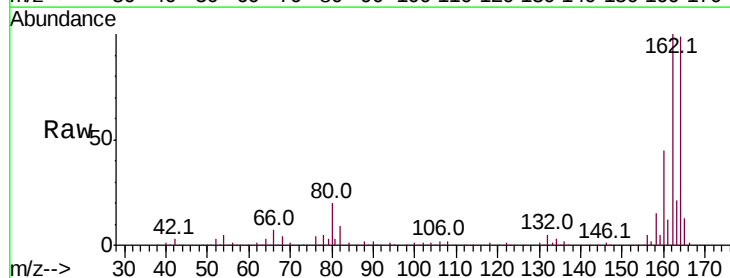
Instrument :
 BNA_F
 ClientSampleId :
 PB130431BL

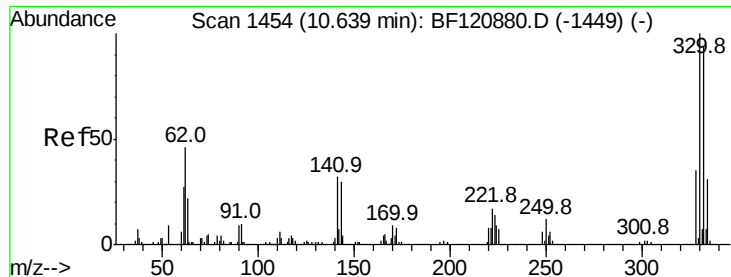
Tot Ion: 82 Resp: 852972
 Ion Ratio Lower Upper
 82 100
 128 46.6 38.2 57.4
 54 47.4 38.7 58.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF120989.D
 Acq: 23 Jul 2020 19:23

Tgt Ion: 164 Resp: 297413
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.2 121.8
 160 45.9 36.9 55.3

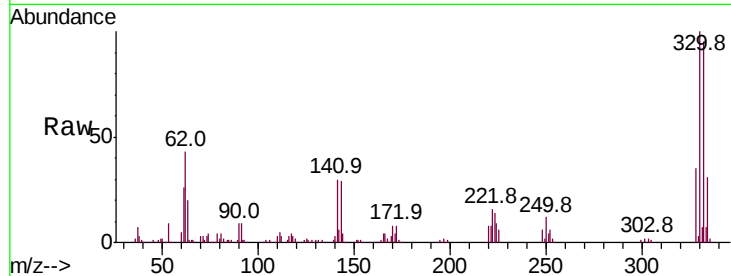




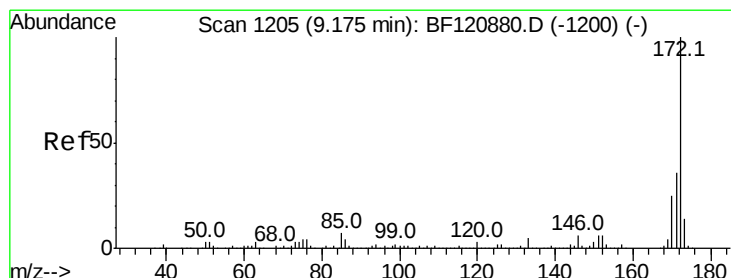
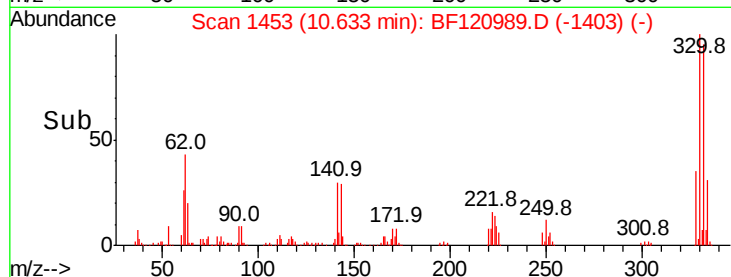
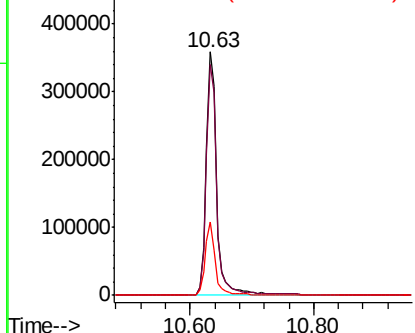
#42
 2,4,6-Tribromophenol
 Concen: 131.404 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF120989.D
 Acq: 23 Jul 2020 19:23

Instrument :
 BNA_F
 ClientSampleId :
 PB130431BL

Tot Ion:330 Resp: 427783
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.5 113.3
 141 29.9 25.7 38.5

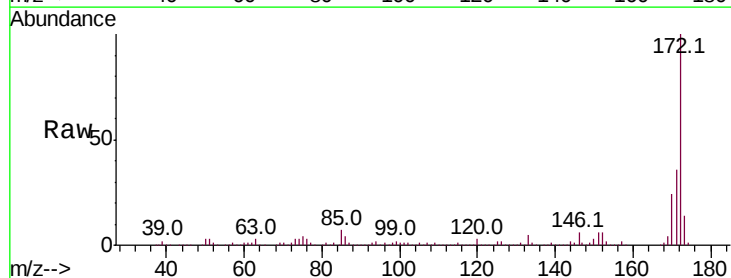


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

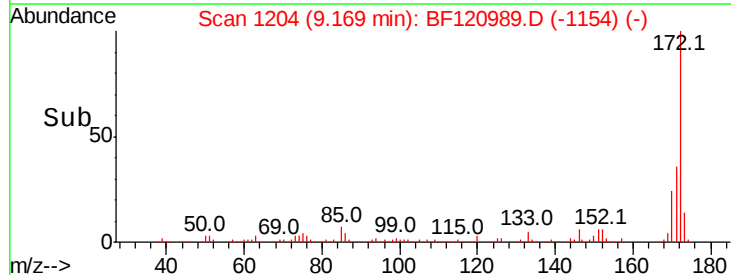
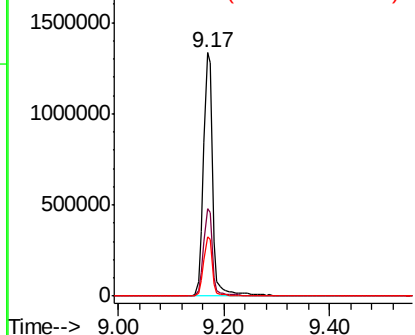


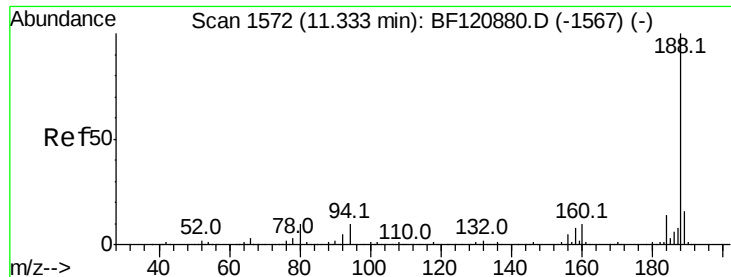
#45
 2-Fluorobiphenyl
 Concen: 82.226 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF120989.D
 Acq: 23 Jul 2020 19:23

Tgt Ion:172 Resp: 1637932
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 24.1 19.6 29.4



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

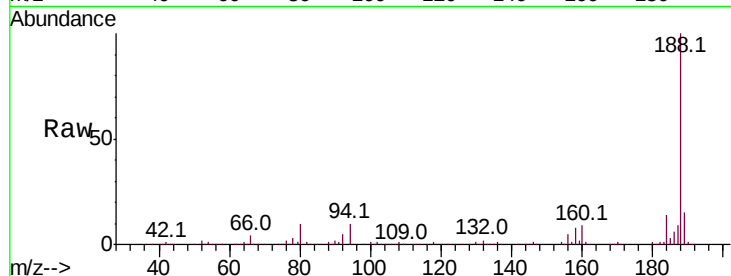




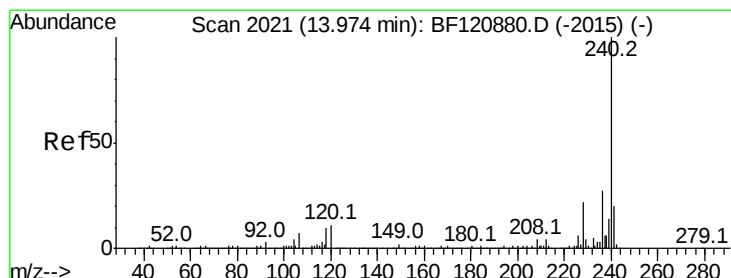
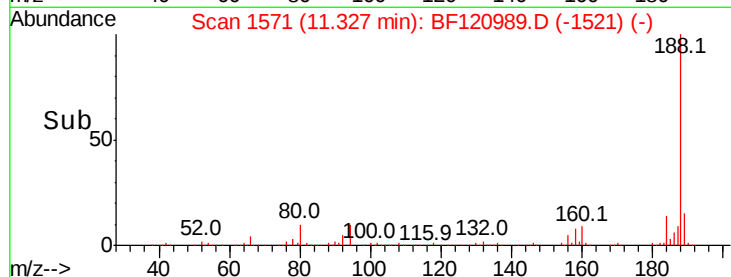
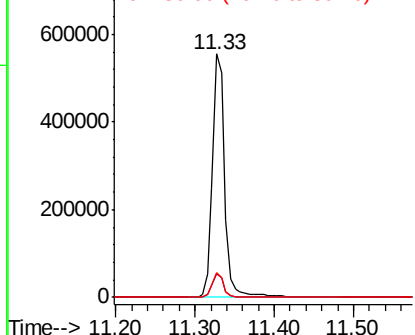
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF120989.D
Acq: 23 Jul 2020 19:23

Instrument :
BNA_F
ClientSampleId :
PB130431BL

Tot Ion:188 Resp: 596494
Ion Ratio Lower Upper
188 100
94 9.8 8.0 12.0
80 10.3 8.3 12.5

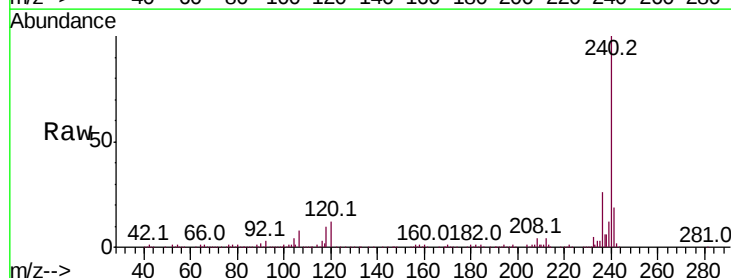


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

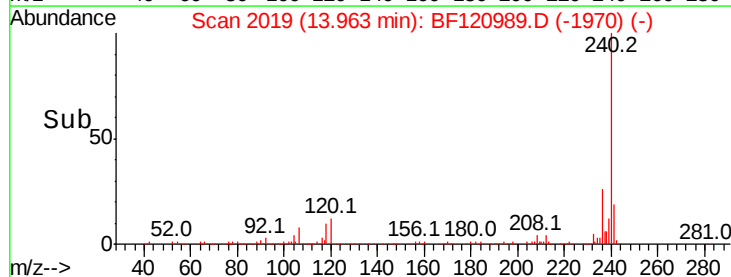
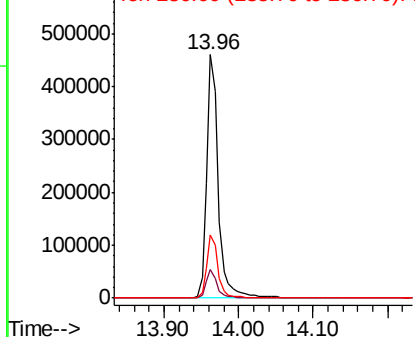


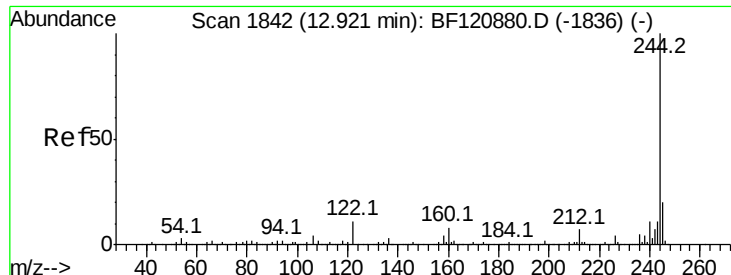
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF120989.D
Acq: 23 Jul 2020 19:23

Tgt Ion:240 Resp: 501380
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.4
236 26.0 21.7 32.5



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: 73.554 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120989.D

Acq: 23 Jul 2020 19:23

Instrument :

BNA_F

ClientSampleId :

PB130431BL

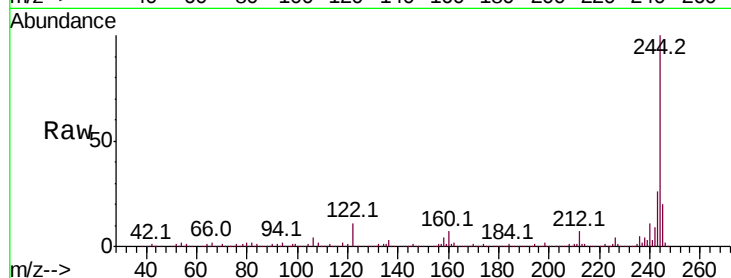
Tot Ion:244 Resp: 1696515

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

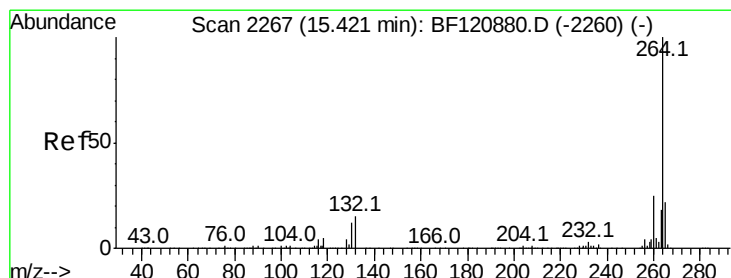
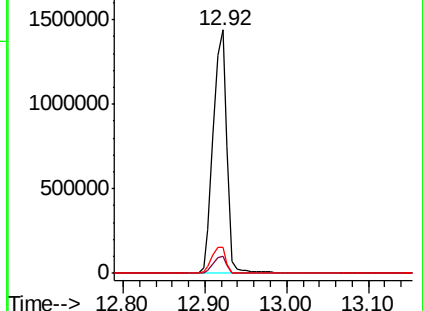
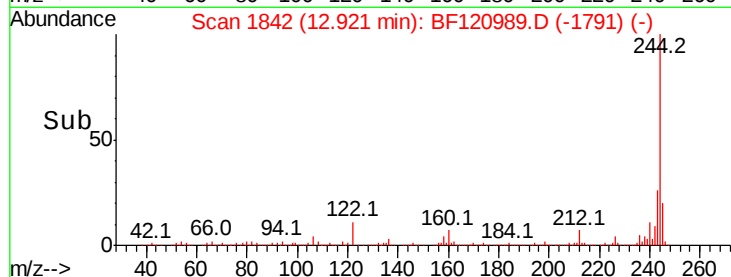
122 10.7 8.9 13.3



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BF120989.D

Acq: 23 Jul 2020 19:23

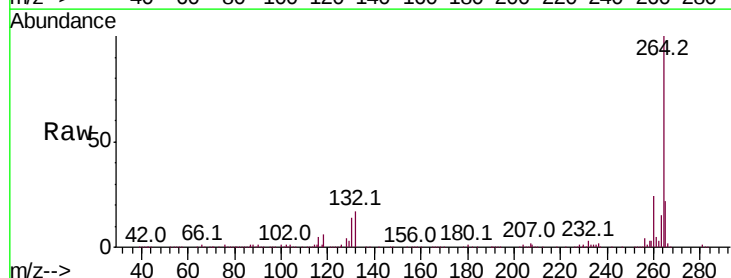
Tgt Ion:264 Resp: 449858

Ion Ratio Lower Upper

264 100

260 24.4 20.0 30.0

265 22.0 17.4 26.2



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

