

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070620\
 Data File : BF120768.D
 Acq On : 6 Jul 2020 9:59
 Operator : JU/CG
 Sample : PB129807BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129807BL

Quant Time: Jul 06 11:15:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	175656	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	662335	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	330185	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	611553	20.00	ng	0.00
76) Chrysene-d12	14.00	240	470345	20.00	ng	0.00
86) Perylene-d12	15.47	264	415645	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1245722	109.47	ng	0.00
7) Phenol-d6	6.47	99	1538351	105.86	ng	0.00
23) Nitrobenzene-d5	7.41	82	959349	83.92	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	386276	116.45	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1678443	76.91	ng	0.00
79) Terphenyl-d14	12.96	244	1907301	79.39	ng	0.00

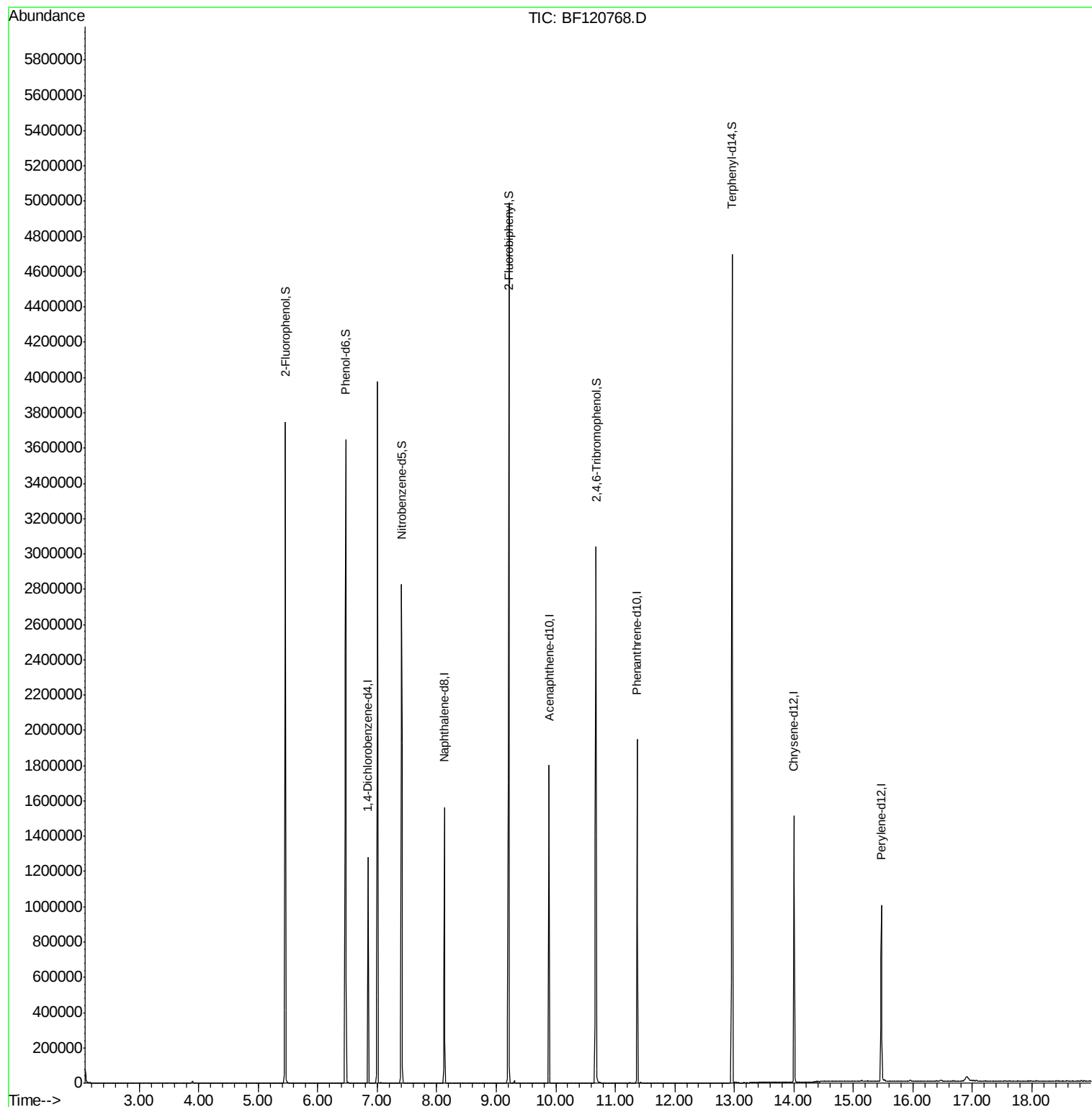
Target Compounds Qvalue

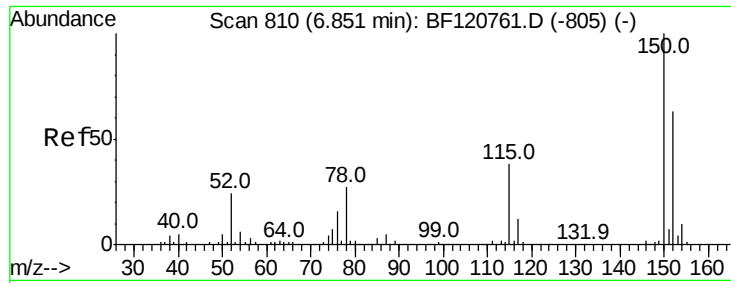
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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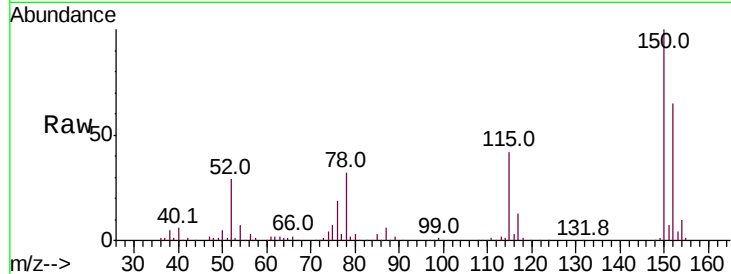


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF120768.D
 Acq: 6 Jul 2020 9:59

Instrument :
 BNA_F
 ClientSampleId :
 PB129807BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.1	189.1
115	64.7	48.5	72.7

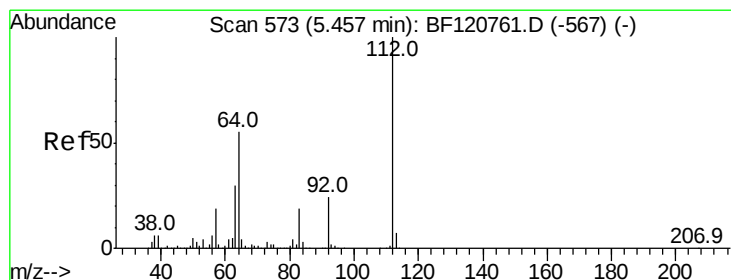
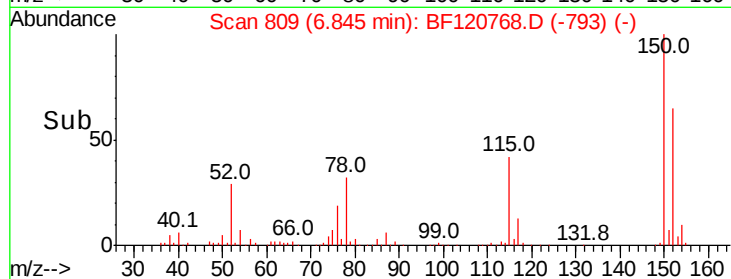
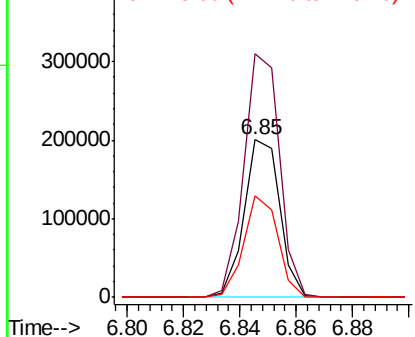


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

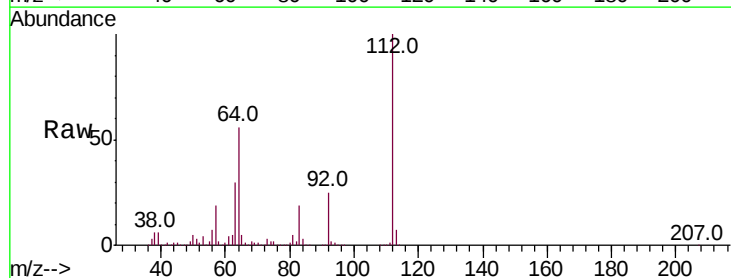
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 109.473 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF120768.D
 Acq: 6 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	43.8	65.6
63	30.4	23.6	35.4

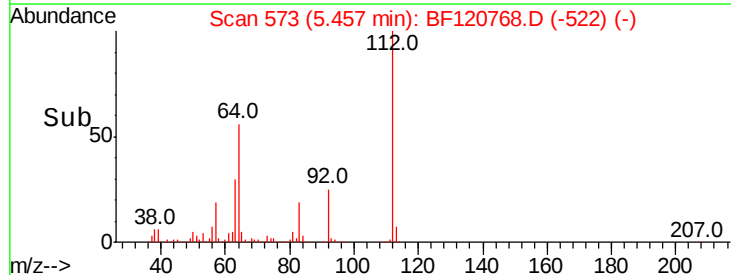
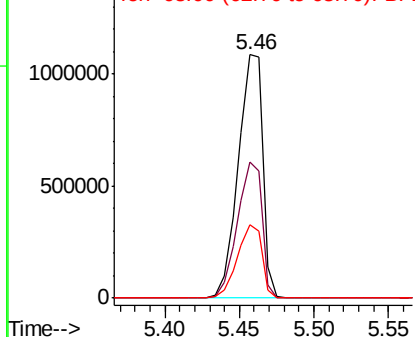


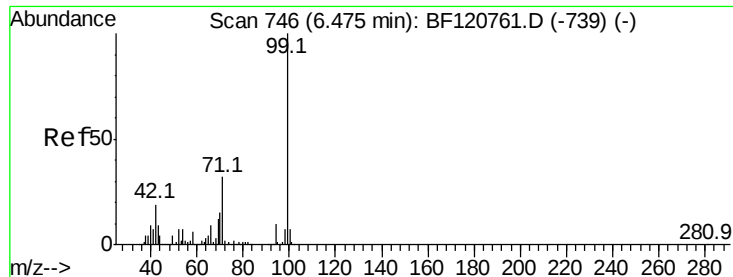
Abundance

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: 105.861 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120768.D

Acq: 6 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

PB129807BL

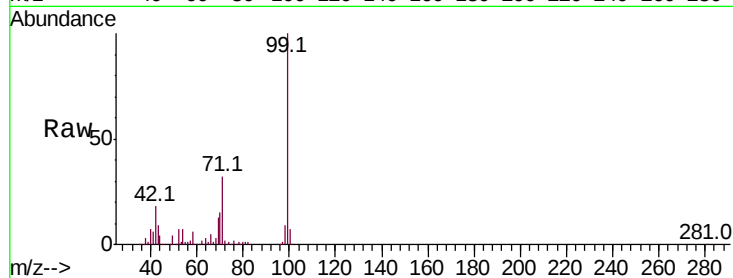
Tot Ion: 99 Resp: 1538351

Ion Ratio Lower Upper

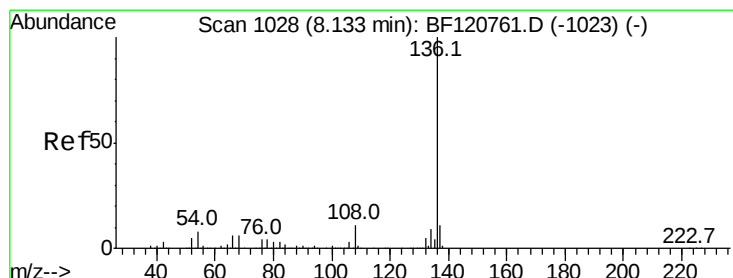
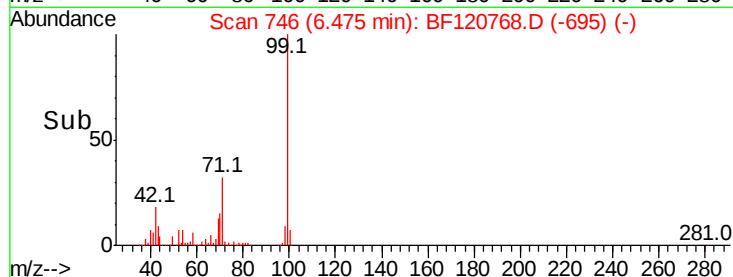
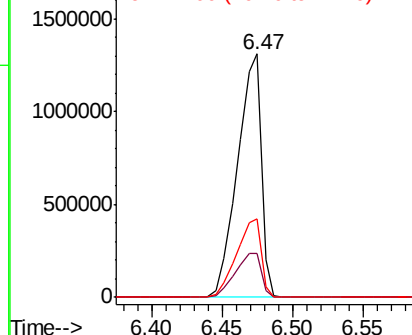
99 100

42 18.1 15.4 23.0

71 32.0 25.9 38.9



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF120768.D

Acq: 6 Jul 2020 9:59

Tgt Ion: 136 Resp: 662335

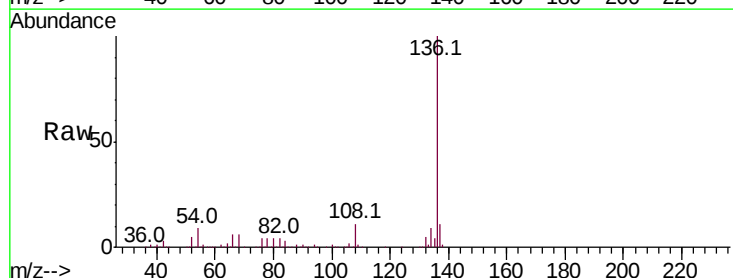
Ion Ratio Lower Upper

136 100

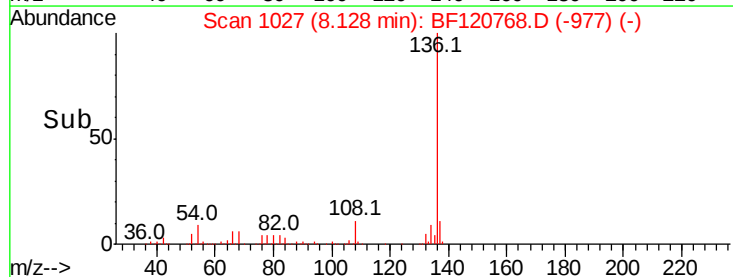
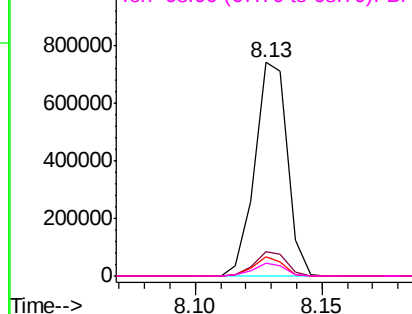
137 11.3 9.0 13.6

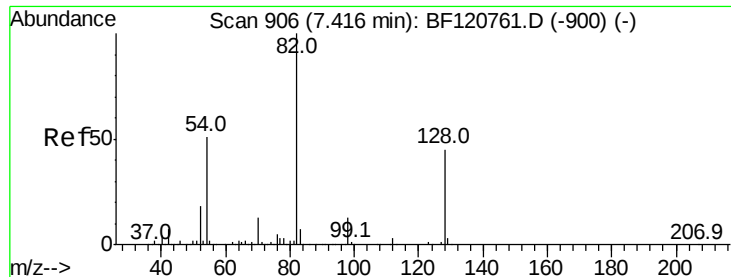
54 8.8 6.2 9.4

68 6.2 4.7 7.1



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

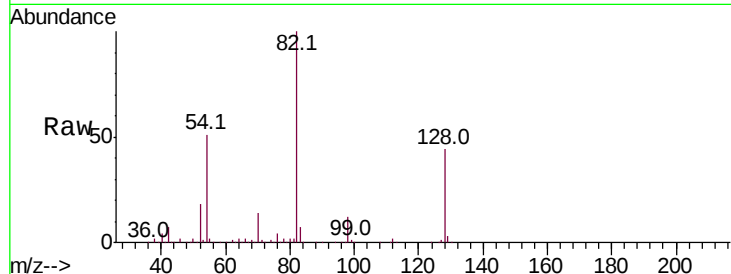




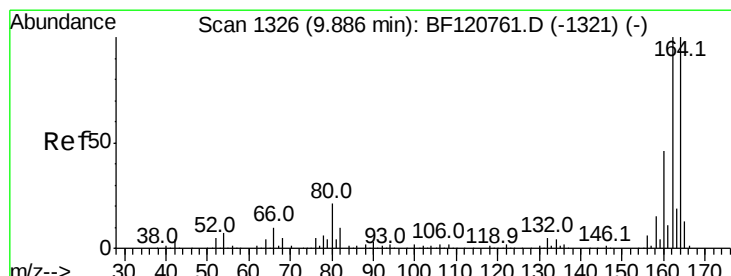
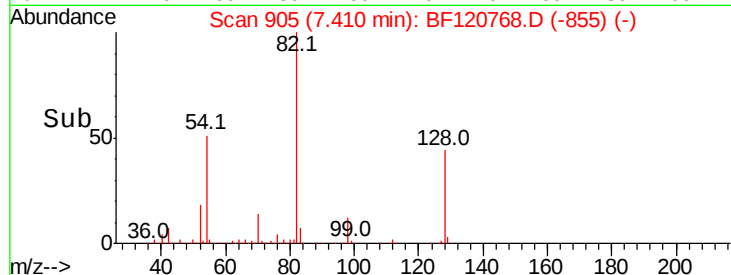
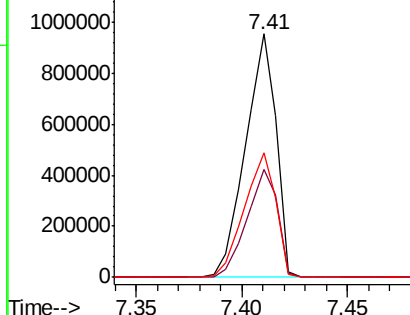
#23
 Nitrobenzene-d5
 Concen: 83.919 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF120768.D
 Acq: 6 Jul 2020 9:59

Instrument :
 BNA_F
 ClientSampleID :
 PB129807BL

Tot Ion	82	Resp	959349
Ion Ratio	Lower	Upper	
82	100		
128	44.1	35.7	53.5
54	51.4	40.9	61.3

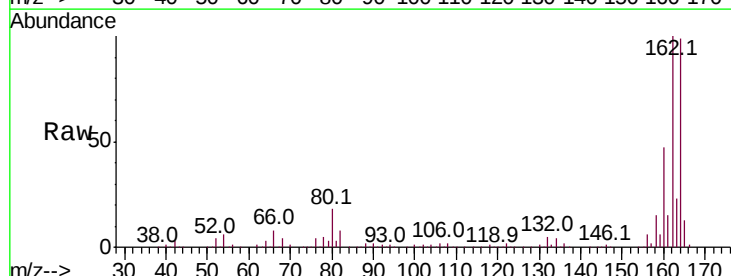


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

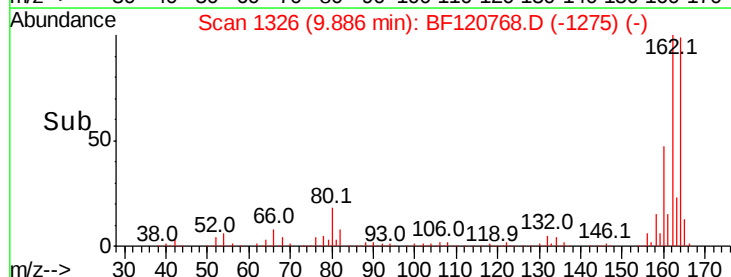
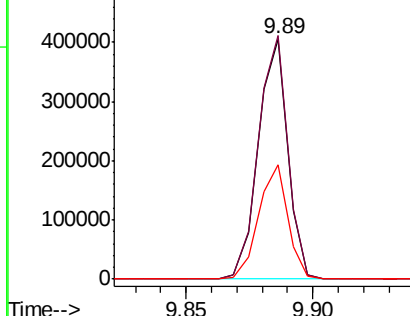


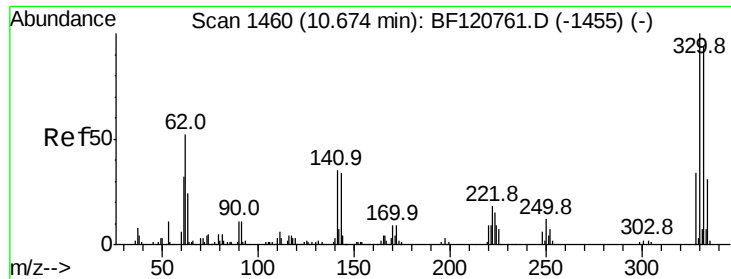
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF120768.D
 Acq: 6 Jul 2020 9:59

Tgt Ion	164	Resp	330185
Ion Ratio	Lower	Upper	
164	100		
162	101.5	80.2	120.2
160	47.4	36.9	55.3



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

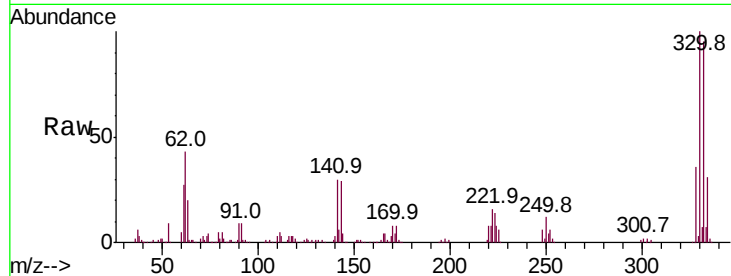




#42
 2,4,6-Tribromophenol
 Concen: 116.447 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF120768.D
 Acq: 6 Jul 2020 9:59

Instrument :
 BNA_F
 ClientSampleId :
 PB129807BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.8	113.6
141	34.5	29.7	44.5

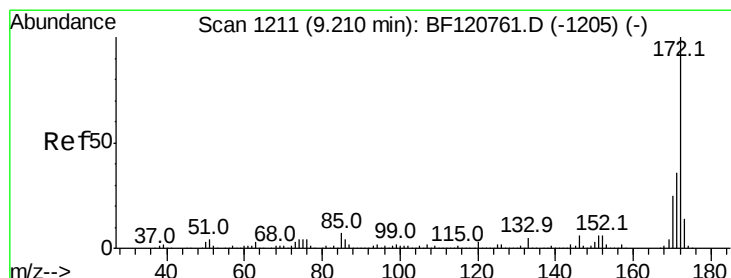
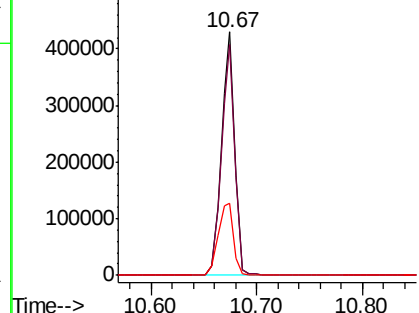
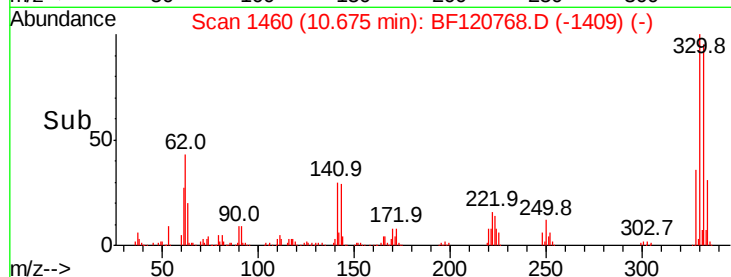


Abundance

Ion 329.80 (329.50 to 330.50): E

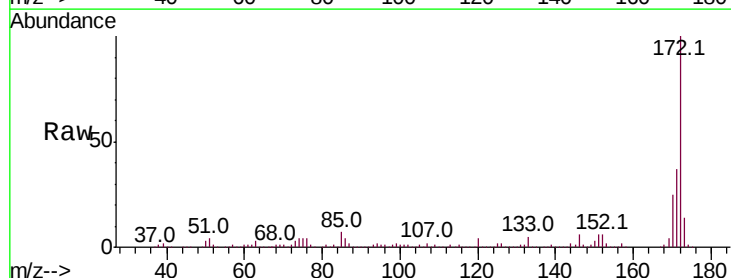
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.908 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF120768.D
 Acq: 6 Jul 2020 9:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	25.5	19.8	29.6

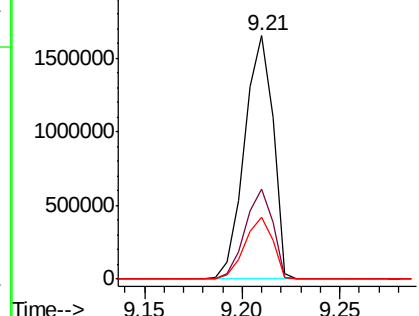
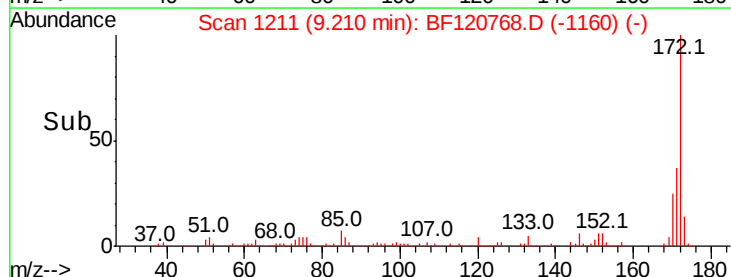


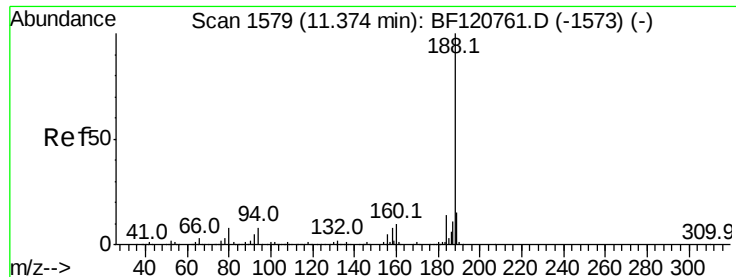
Abundance

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: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF120768.D

Acq: 6 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

PB129807BL

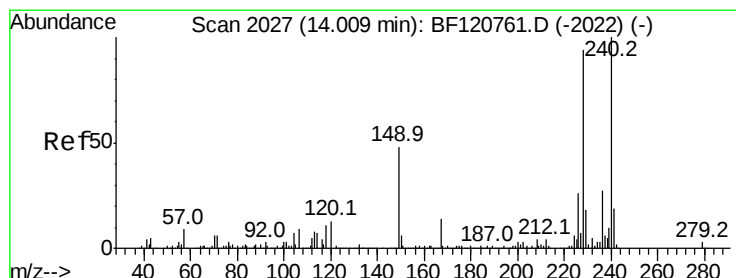
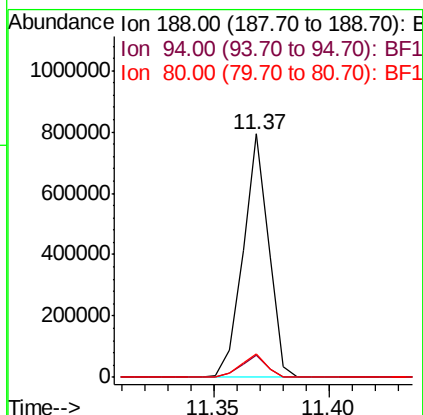
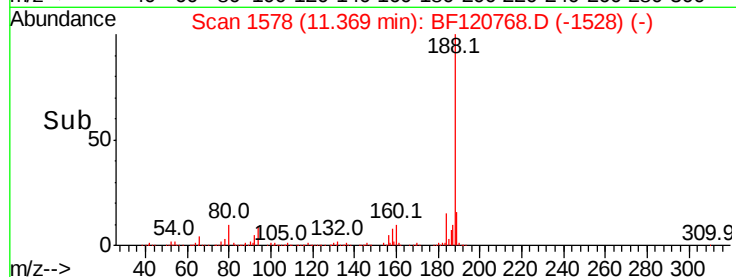
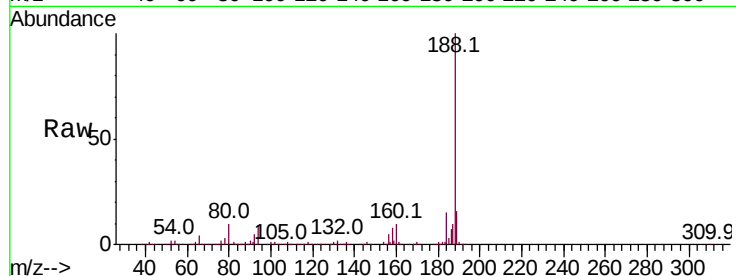
Tot Ion:188 Resp: 611553

Ion Ratio Lower Upper

188 100

94 9.2 6.6 9.8

80 9.8 6.6 10.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF120768.D

Acq: 6 Jul 2020 9:59

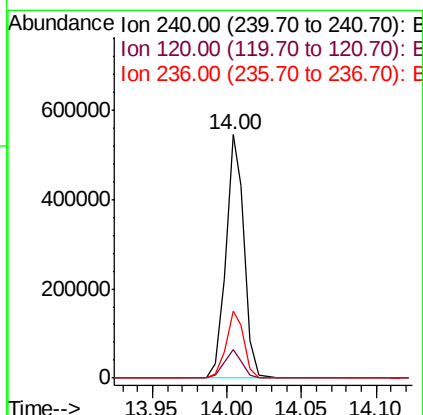
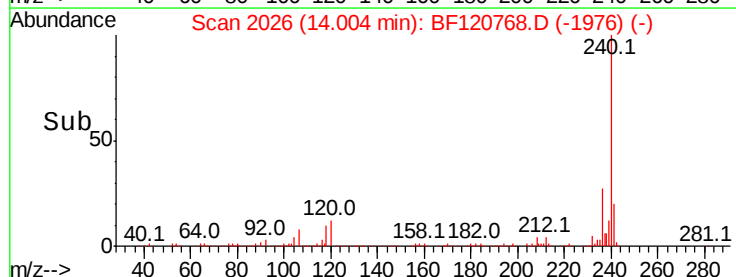
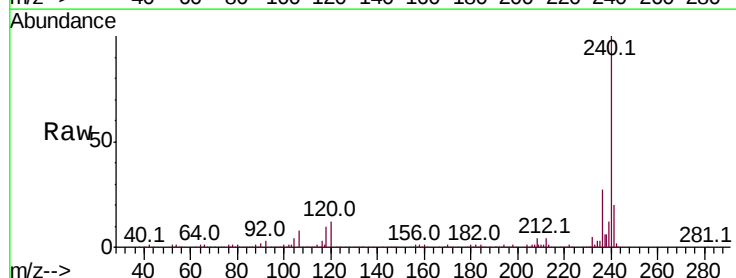
Tgt Ion:240 Resp: 470345

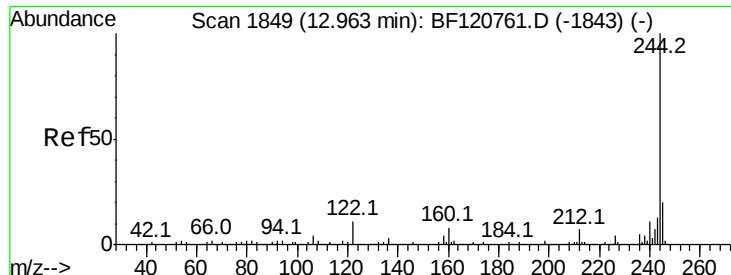
Ion Ratio Lower Upper

240 100

120 11.8 10.3 15.5

236 27.3 21.4 32.2





#79

Terphenyl-d14

Concen: 79.394 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF120768.D

Acq: 6 Jul 2020 9:59

Instrument :

BNA_F

ClientSampleId :

PB129807BL

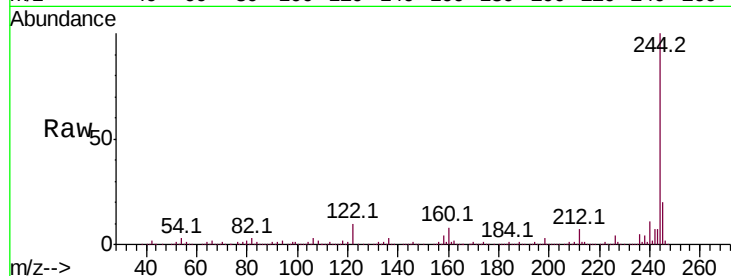
Tot Ion:244 Resp: 1907301

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

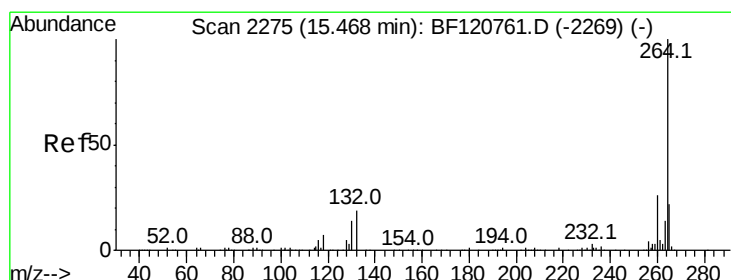
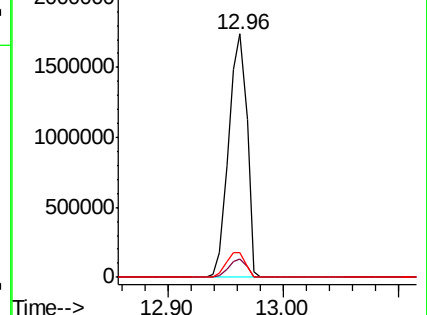
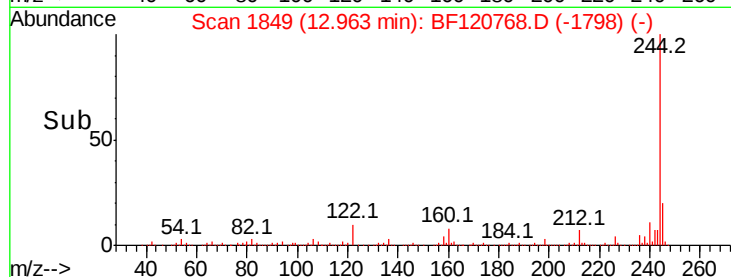
122 10.4 9.0 13.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF120768.D

Acq: 6 Jul 2020 9:59

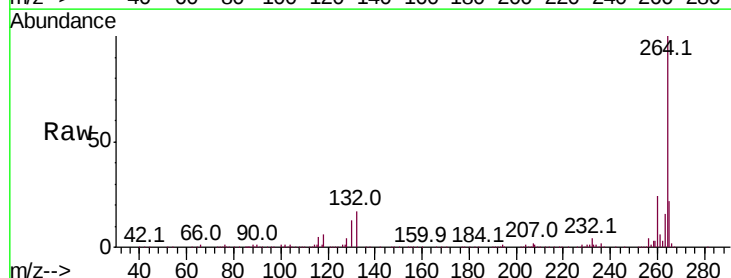
Tgt Ion:264 Resp: 415645

Ion Ratio Lower Upper

264 100

260 24.4 20.6 30.8

265 21.7 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

