

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
 Data File : BF120444.D
 Acq On : 29 May 2020 17:33
 Operator : MA/SJ
 Sample : PB129165BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BL

Quant Time: May 29 18:10:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	270262	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	997178	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	490634	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	819309	20.00	ng	0.00
76) Chrysene-d12	13.99	240	536080	20.00	ng	0.00
86) Perylene-d12	15.44	264	567612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1908401	134.57	ng	0.00
7) Phenol-d6	6.47	99	2378144	136.05	ng	0.00
23) Nitrobenzene-d5	7.40	82	1552471	101.84	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	637356	140.20	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2668101	92.27	ng	0.00
79) Terphenyl-d14	12.94	244	2482210	103.04	ng	0.00

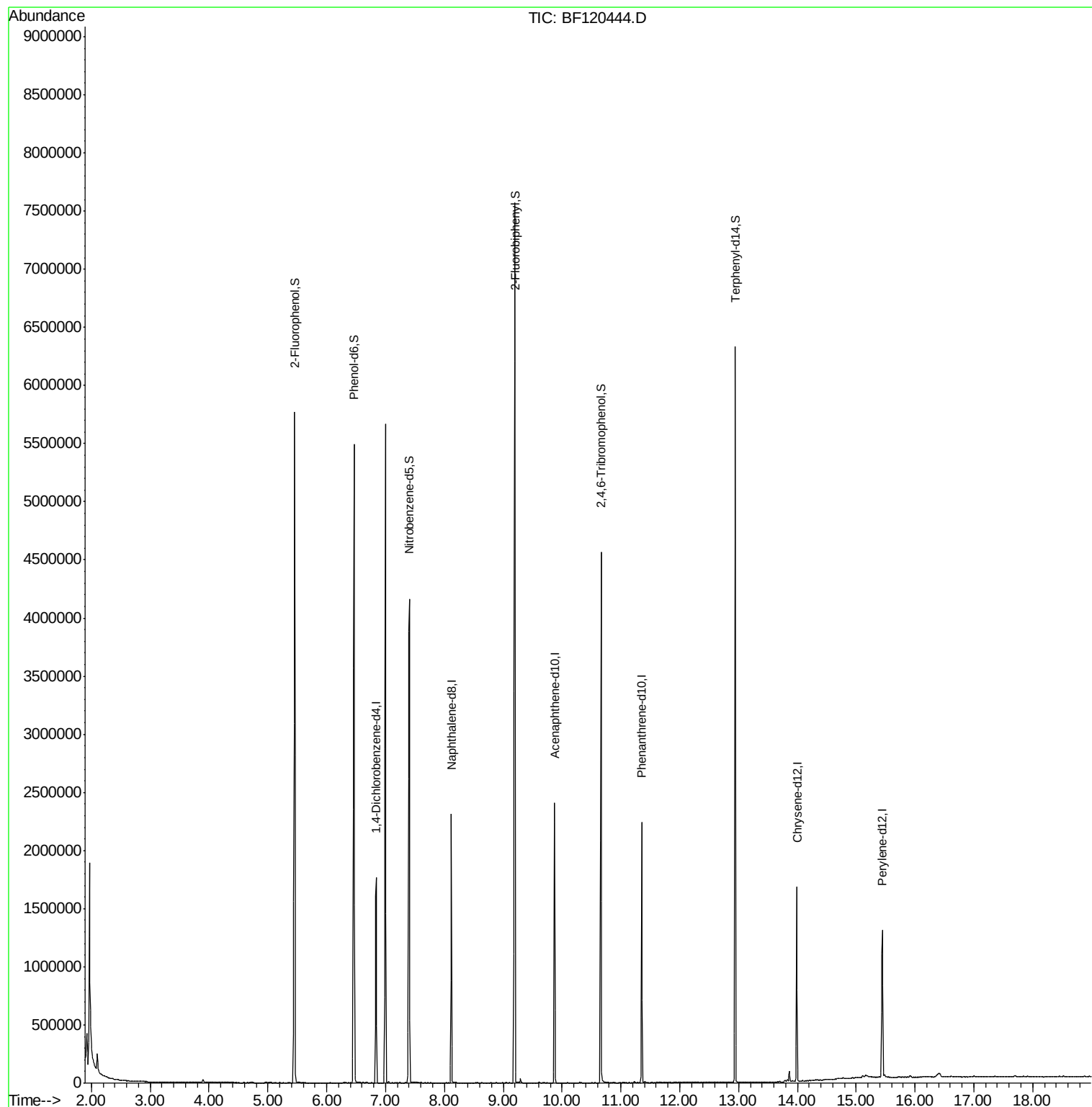
Target Compounds Qvalue

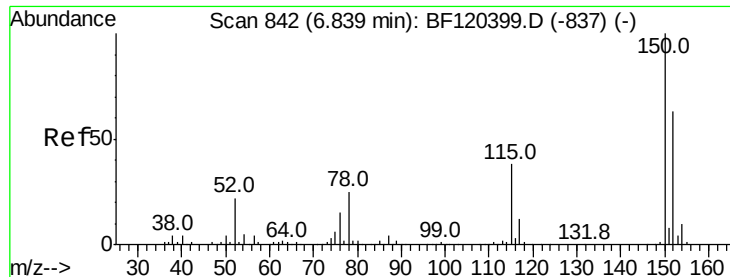
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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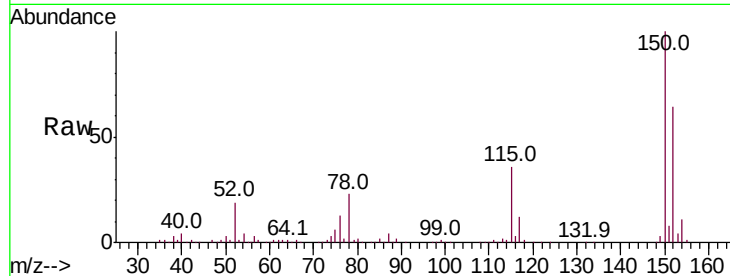


#1

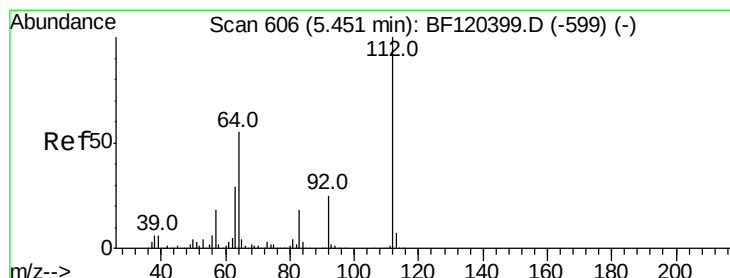
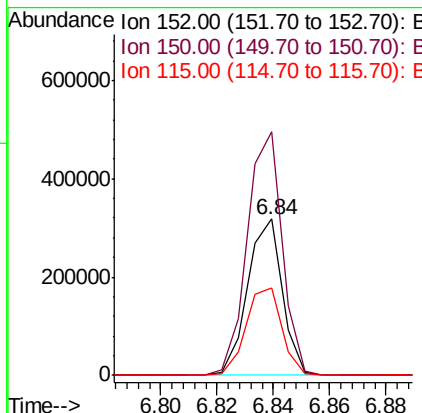
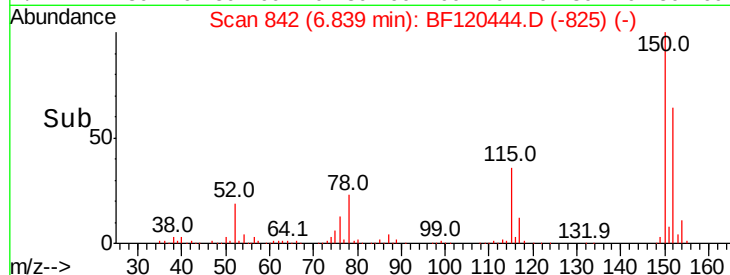
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF120444.D
Acq: 29 May 2020 17:33

Instrument :
BNA_F
ClientSampleId :
PB129165BL

Tot Ion:152 Resp: 270262
Ion Ratio Lower Upper
152 100
150 156.0 126.5 189.7
115 56.0 47.6 71.4



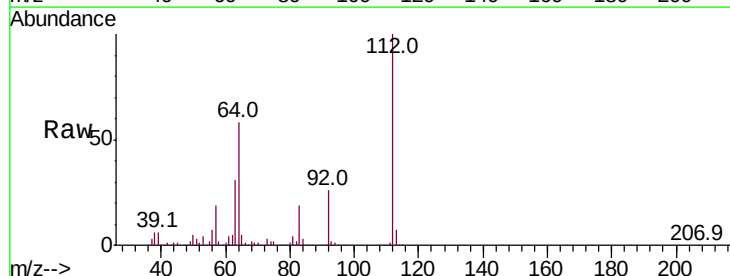
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



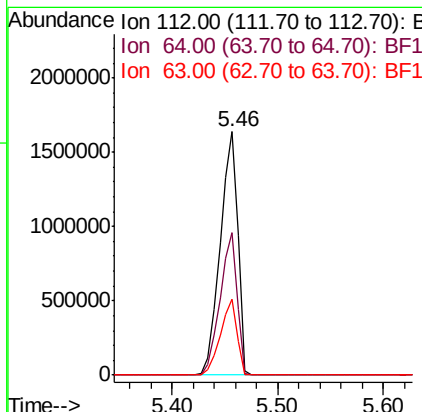
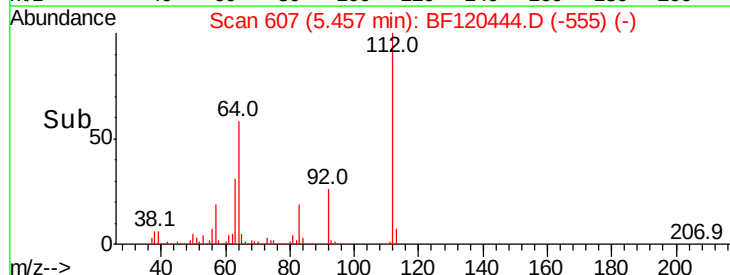
#5

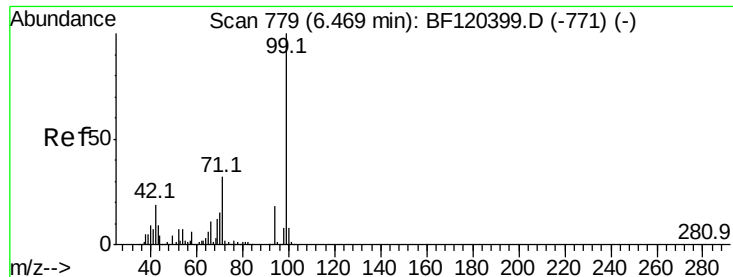
2-Fluorophenol
Concen: 134.571 ng
RT: 5.46 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF120444.D
Acq: 29 May 2020 17:33

Tgt Ion:112 Resp: 1908401
Ion Ratio Lower Upper
112 100
64 58.3 44.3 66.5
63 31.4 22.9 34.3



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: 136.052 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF120444.D

Acq: 29 May 2020 17:33

Instrument :

BNA_F

ClientSampleId :

PB129165BL

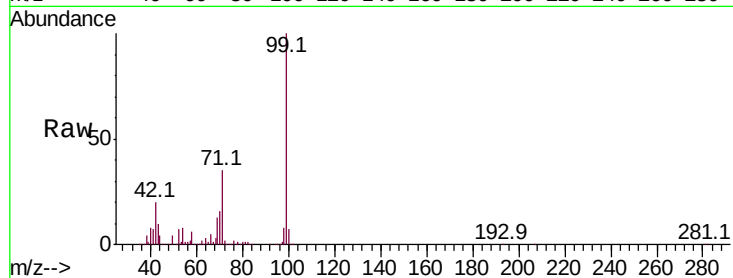
Tot Ion: 99 Resp: 2378144

Ion Ratio Lower Upper

99 100

42 19.8 15.2 22.8

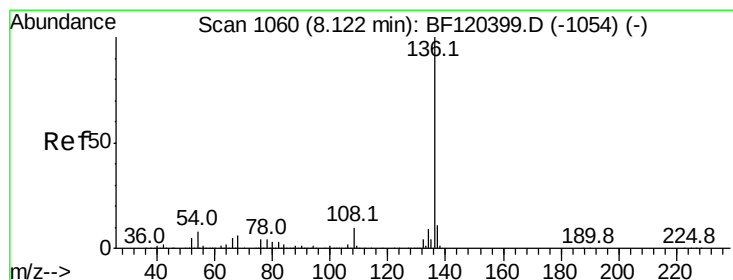
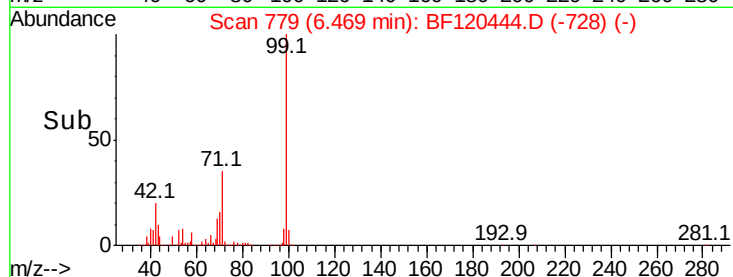
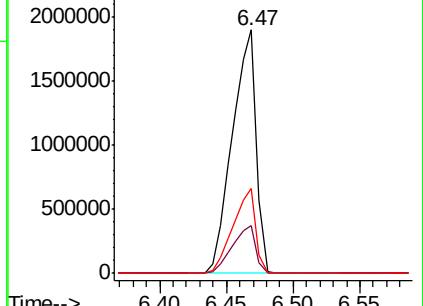
71 34.6 25.6 38.4



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: 8.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF120444.D

Acq: 29 May 2020 17:33

Tgt Ion: 136 Resp: 997178

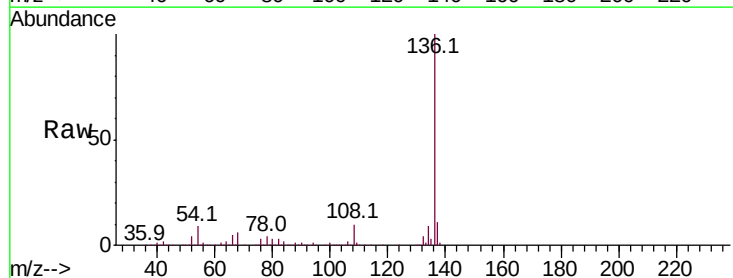
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.6 6.7 10.1

68 6.4 5.0 7.4

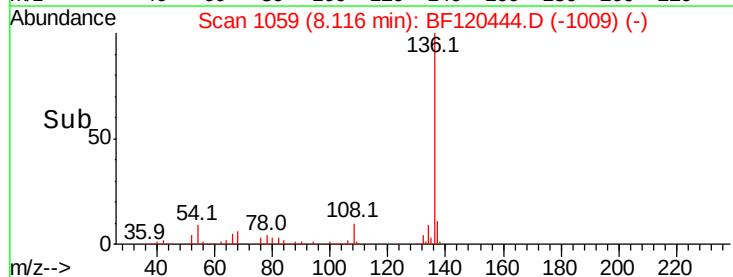
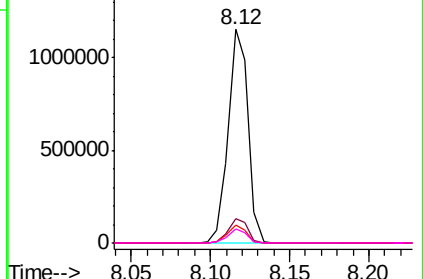


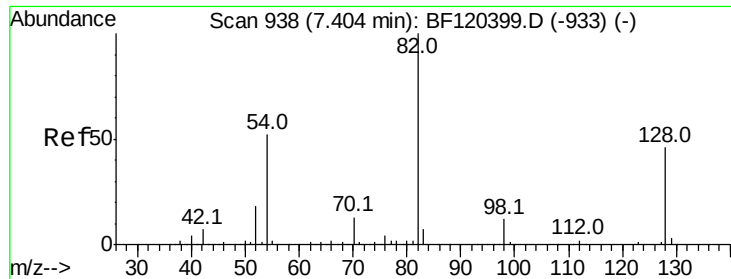
Abundance Ion 136.00 (135.70 to 136.70): E

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



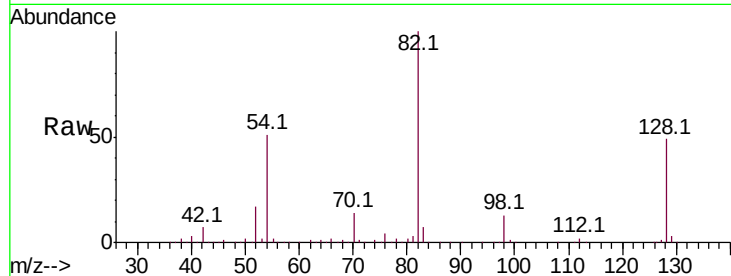


#23
 Nitrobenzene-d5
 Concen: 101.839 ng
 RT: 7.40 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF120444.D
 Acq: 29 May 2020 17:33

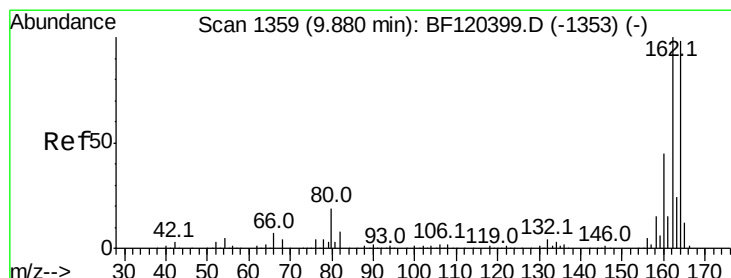
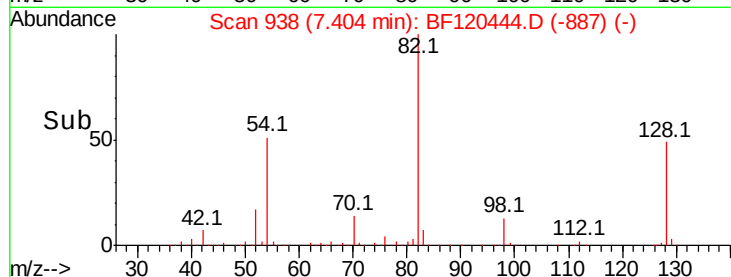
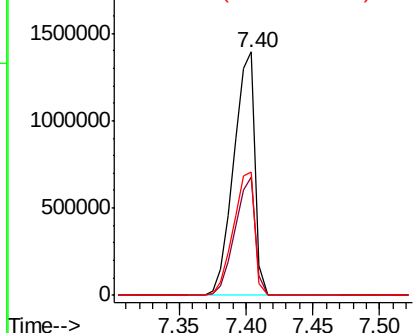
Instrument :
 BNA_F
 ClientSampleId :
 PB129165BL

Tot Ion: 82 Resp: 1552471

Ion	Ratio	Lower	Upper
82	100		
128	48.7	36.8	55.2
54	50.7	41.6	62.4



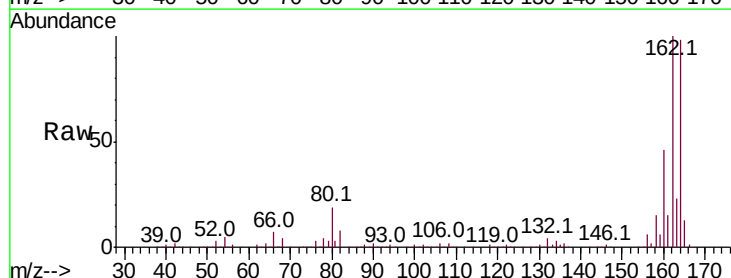
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



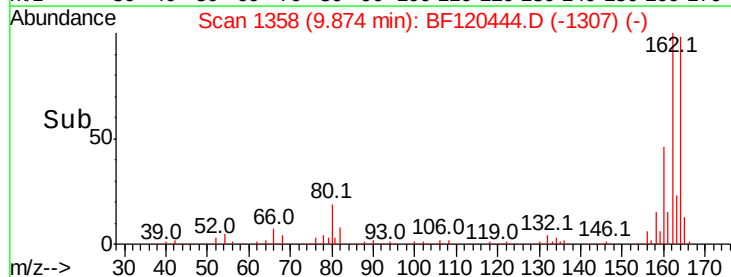
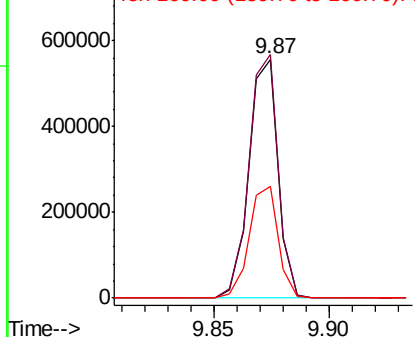
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.00 min
 Lab File: BF120444.D
 Acq: 29 May 2020 17:33

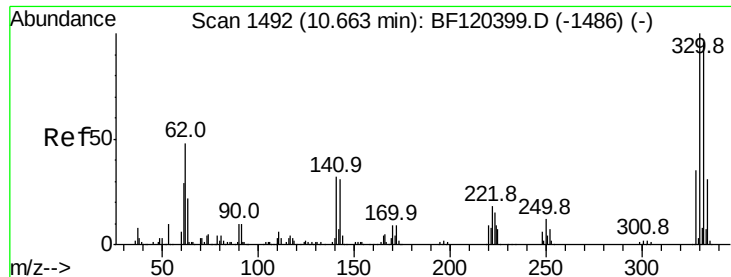
Tgt Ion:164 Resp: 490634

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.3	121.9
160	46.6	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

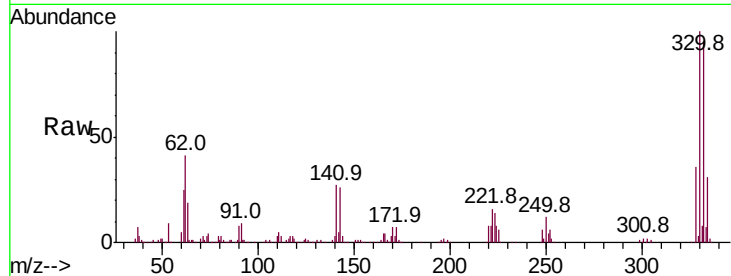




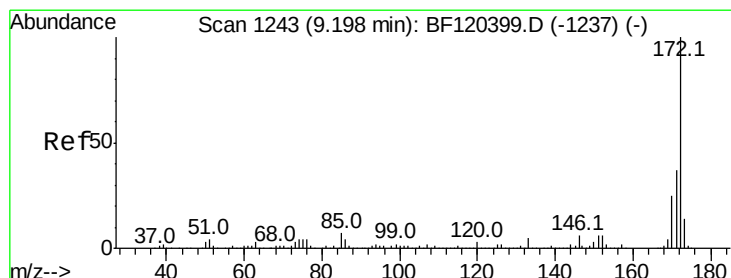
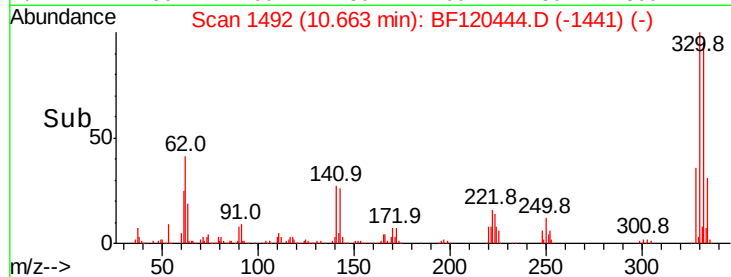
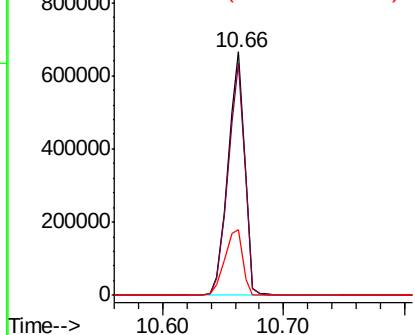
#42
 2,4,6-Tribromophenol
 Concen: 140.203 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF120444.D
 Acq: 29 May 2020 17:33

Instrument :
 BNA_F
 ClientSampleId :
 PB129165BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	29.3	25.3	37.9

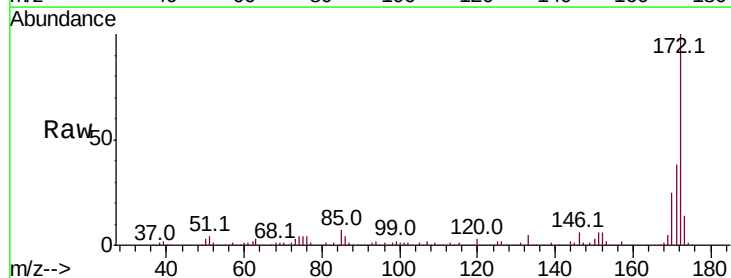


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

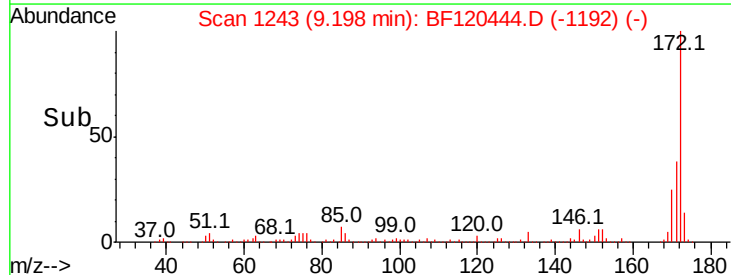
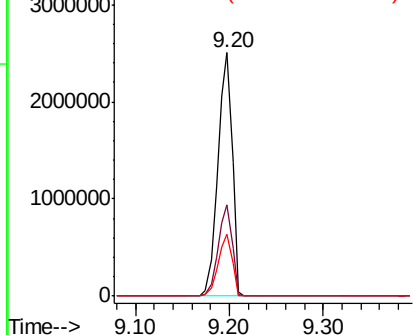


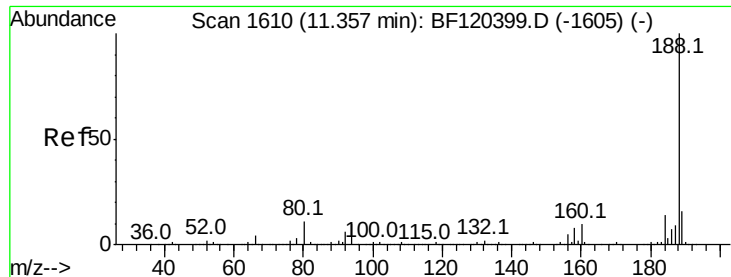
#45
 2-Fluorobiphenyl
 Concen: 92.267 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF120444.D
 Acq: 29 May 2020 17:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.7	44.5
170	25.2	19.9	29.9



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

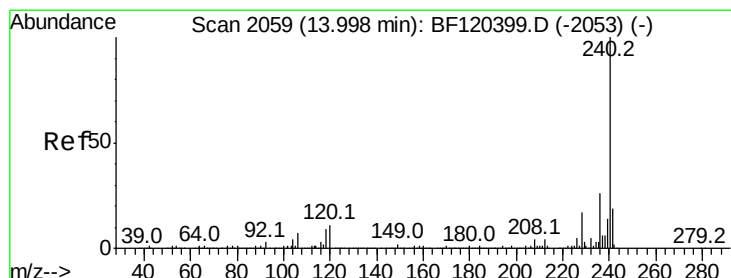
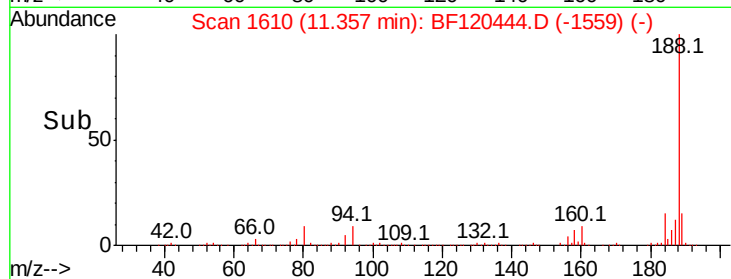
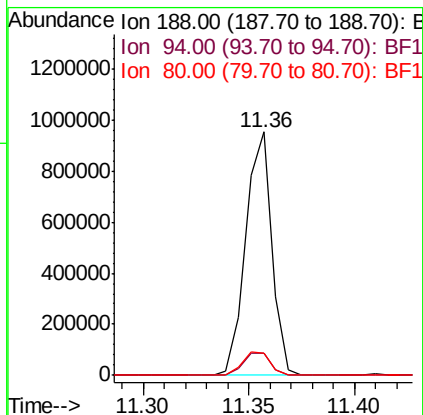
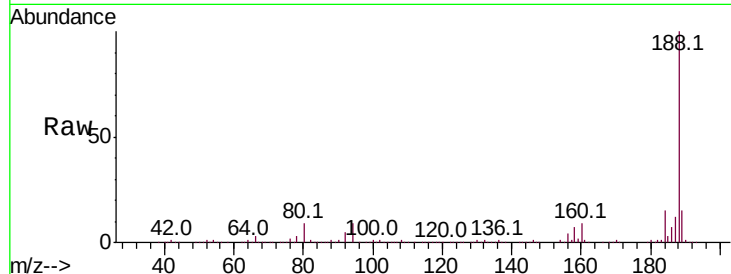




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF120444.D
Acq: 29 May 2020 17:33

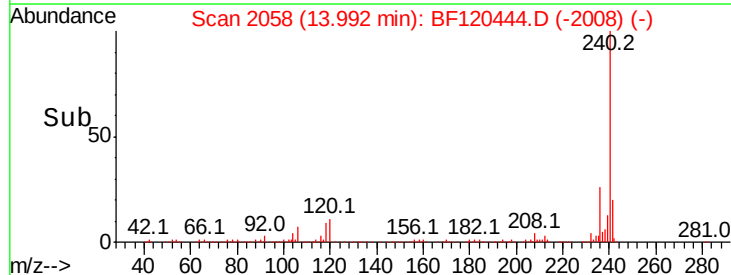
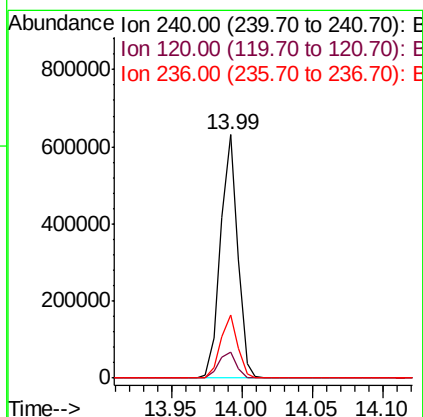
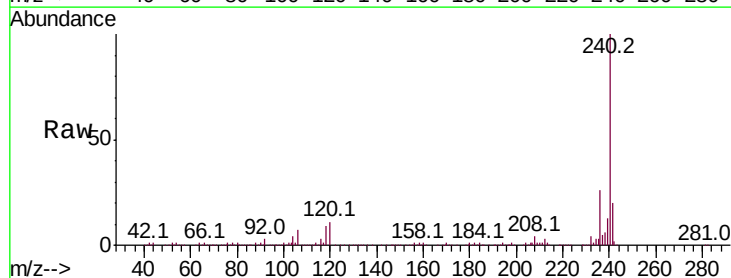
Instrument :
BNA_F
ClientSampleId :
PB129165BL

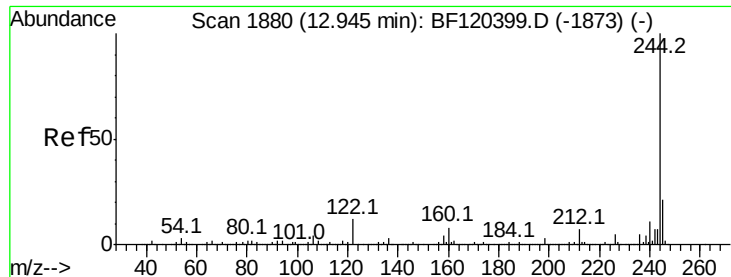
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.9	11.9
80	9.0	8.6	13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120444.D
Acq: 29 May 2020 17:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.8	13.2
236	25.8	21.0	31.4





#79

Terphenyl-d14

Concen: 103.035 ng

RT: 12.94 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BF120444.D

Acq: 29 May 2020 17:33

Instrument :

BNA_F

ClientSampleId :

PB129165BL

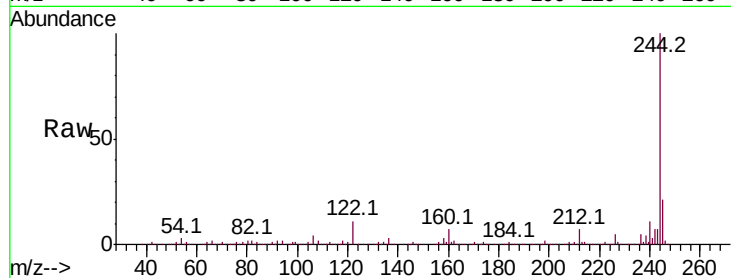
Tot Ion:244 Resp: 2482210

Ion Ratio Lower Upper

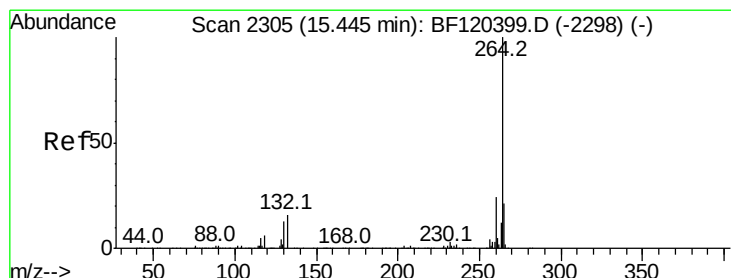
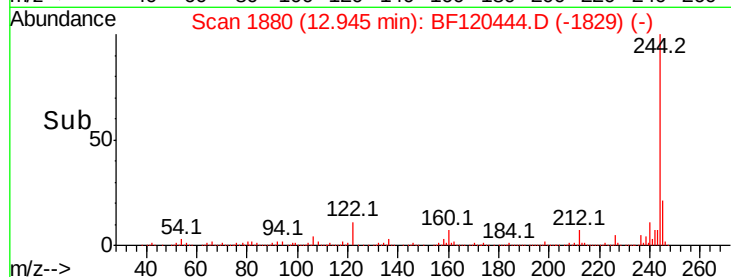
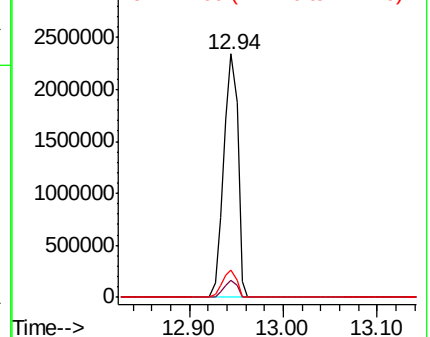
244 100

212 7.1 5.9 8.9

122 11.2 9.2 13.8



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: 15.44 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BF120444.D

Acq: 29 May 2020 17:33

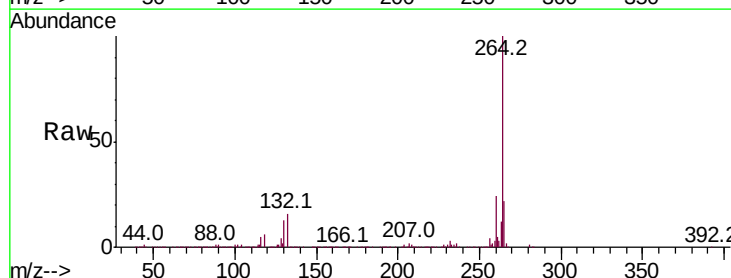
Tgt Ion:264 Resp: 567612

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.0 16.9 25.3



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

