

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
 Data File : BF120440.D
 Acq On : 29 May 2020 15:44
 Operator : MA/SJ
 Sample : PB129143BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129143BL

Quant Time: May 29 16:24:41 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	282120	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1026570	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	497072	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	814999	20.00	ng	0.00
76) Chrysene-d12	13.99	240	547379	20.00	ng	0.00
86) Perylene-d12	15.44	264	574783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1976279	133.50	ng	0.00
7) Phenol-d6	6.47	99	2520336	138.13	ng	0.00
23) Nitrobenzene-d5	7.40	82	1574658	100.34	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	633740	137.60	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2709714	92.49	ng	0.00
79) Terphenyl-d14	12.95	244	2444479	99.37	ng	0.00

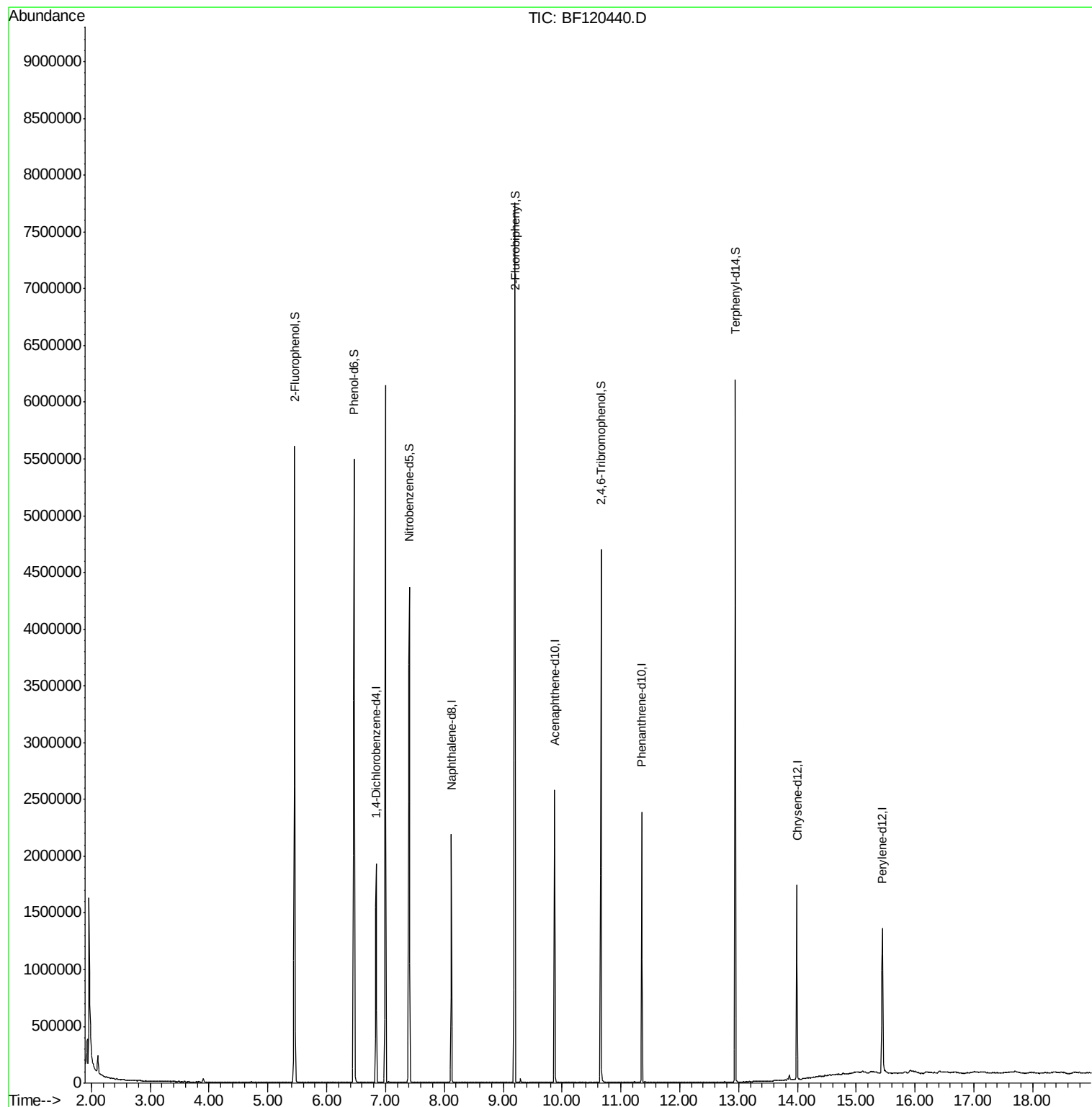
Target Compounds Qvalue

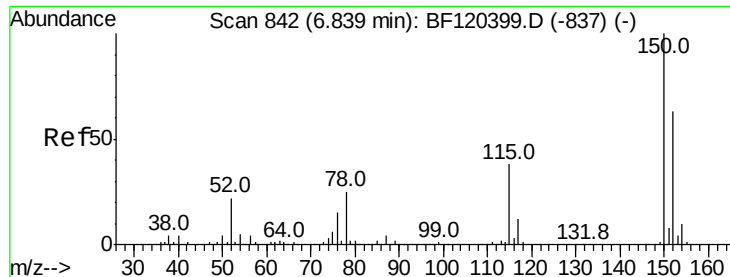
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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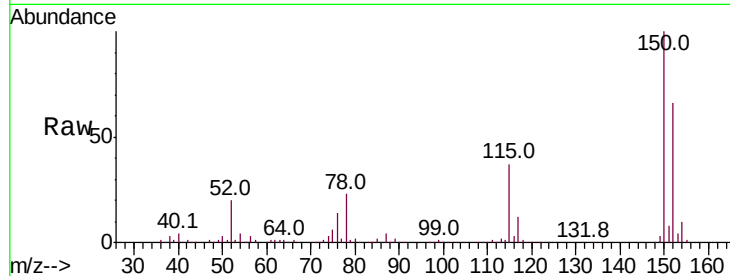


#1

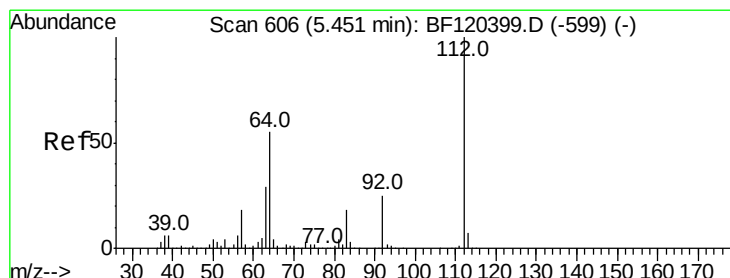
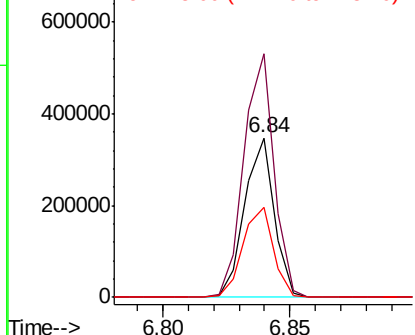
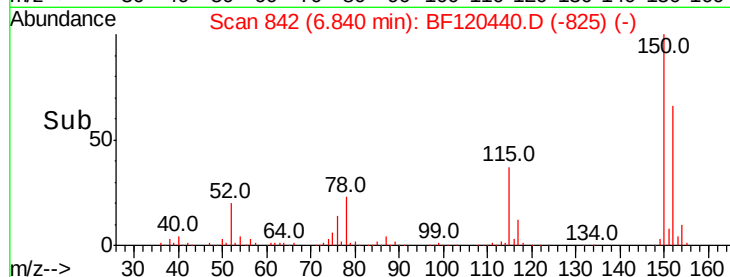
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF120440.D
 Acq: 29 May 2020 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB129143BL

Tot Ion:152 Resp: 282120
 Ion Ratio Lower Upper
 152 100
 150 152.5 126.5 189.7
 115 56.1 47.6 71.4



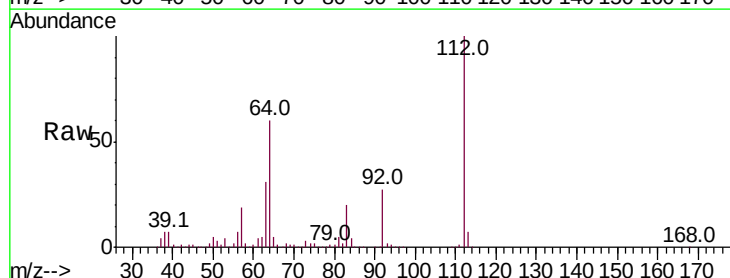
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



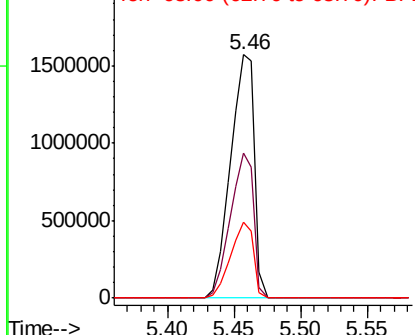
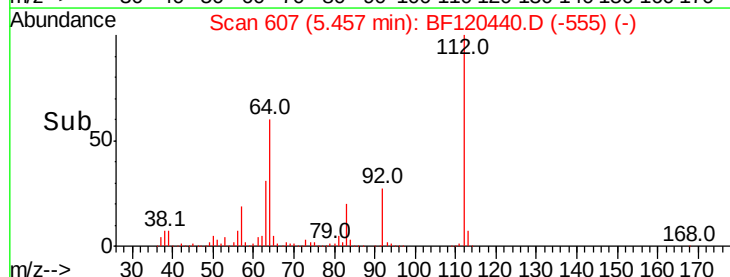
#5

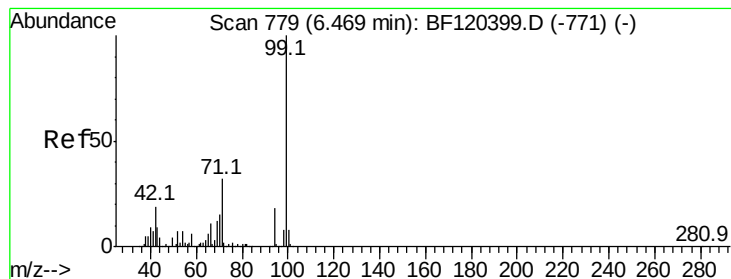
2-Fluorophenol
 Concen: 133.500 ng
 RT: 5.46 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF120440.D
 Acq: 29 May 2020 15:44

Tgt Ion:112 Resp: 1976279
 Ion Ratio Lower Upper
 112 100
 64 59.7 44.3 66.5
 63 31.2 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: 138.127 ng

RT: 6.47 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF120440.D

Acq: 29 May 2020 15:44

Instrument :

BNA_F

ClientSampleId :

PB129143BL

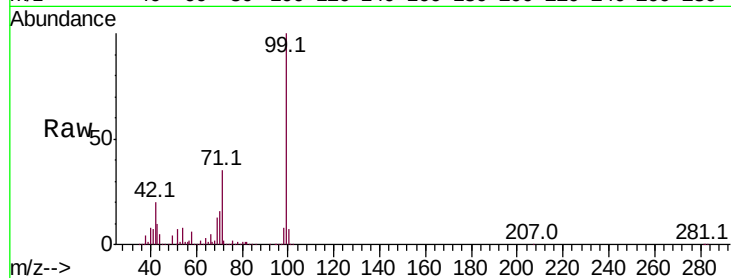
Tot Ion: 99 Resp: 2520336

Ion Ratio Lower Upper

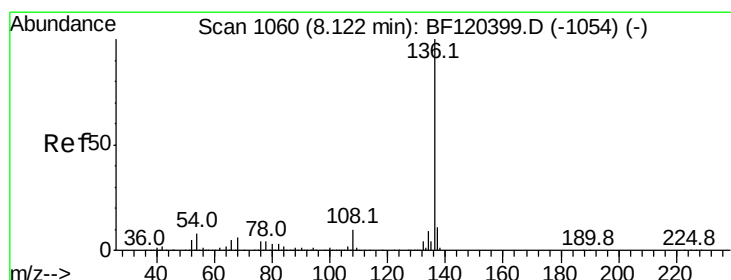
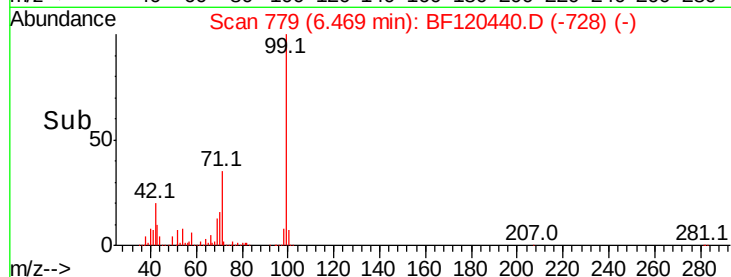
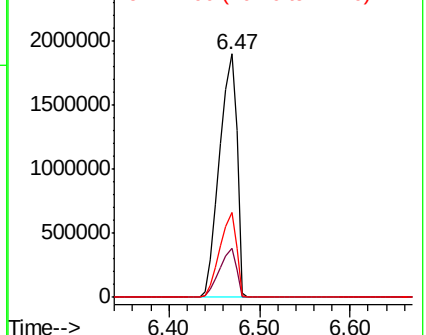
99 100

42 20.0 15.2 22.8

71 35.1 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# 1060

Delta R.T. 0.00 min

Lab File: BF120440.D

Acq: 29 May 2020 15:44

Tgt Ion: 136 Resp: 1026570

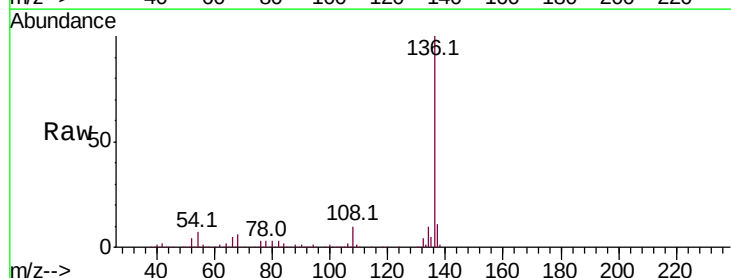
Ion Ratio Lower Upper

136 100

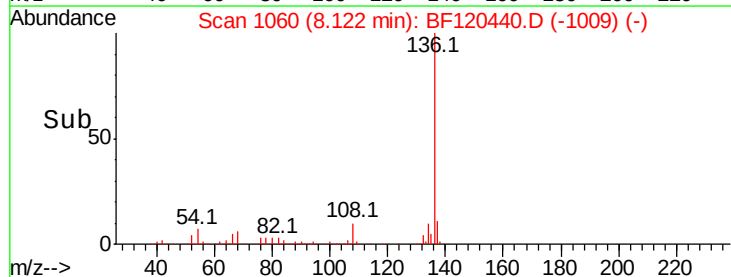
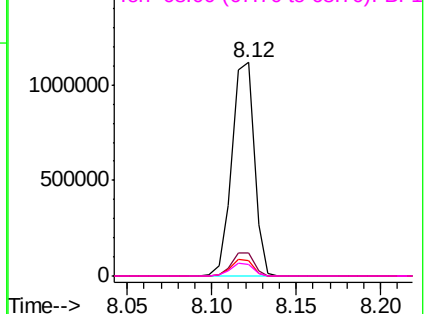
137 10.9 9.1 13.7

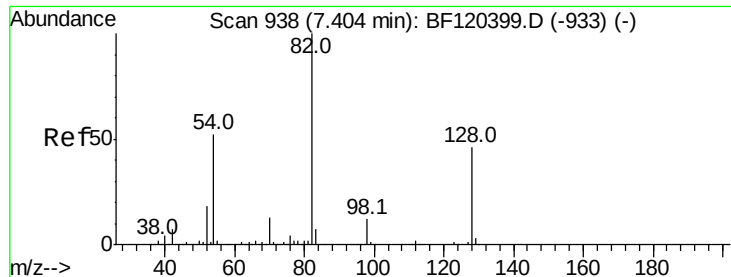
54 7.1 6.7 10.1

68 5.6 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



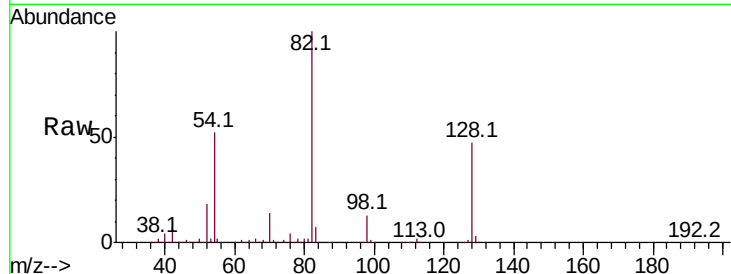


#23
 Nitrobenzene-d5
 Concen: 100.337 ng
 RT: 7.40 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF120440.D
 Acq: 29 May 2020 15:44

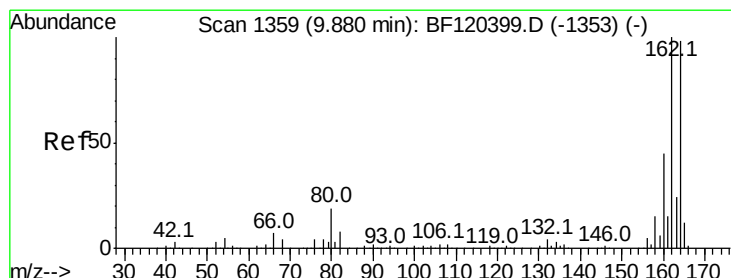
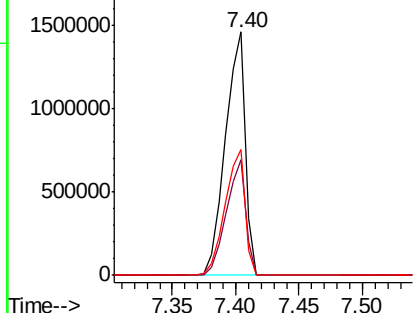
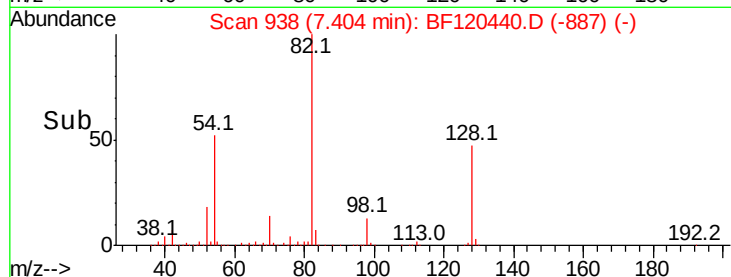
Instrument :
 BNA_F
 ClientSampleId :
 PB129143BL

Tot Ion: 82 Resp: 1574658

Ion	Ratio	Lower	Upper
82	100		
128	47.4	36.8	55.2
54	51.8	41.6	62.4



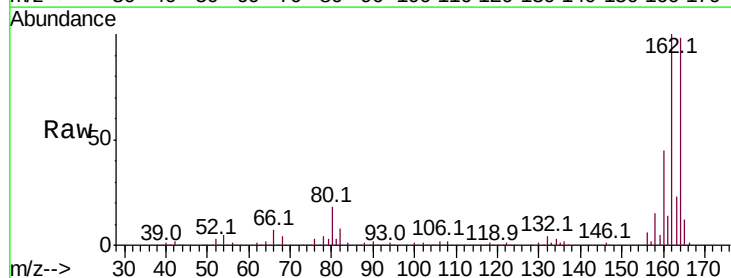
Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



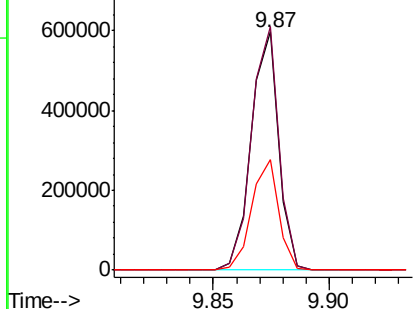
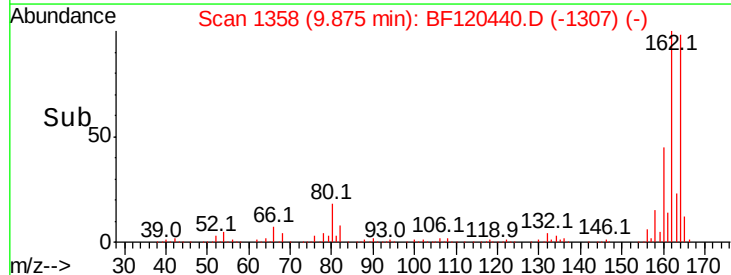
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF120440.D
 Acq: 29 May 2020 15:44

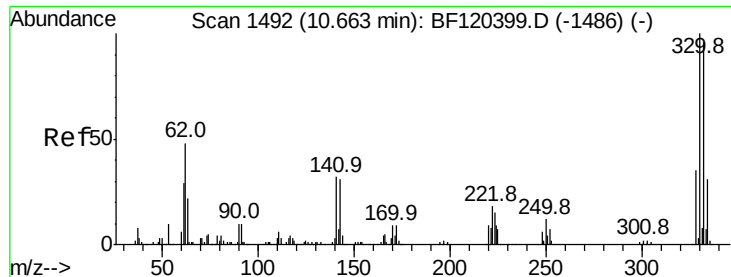
Tgt Ion:164 Resp: 497072

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.3	121.9
160	46.1	36.9	55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 800000
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

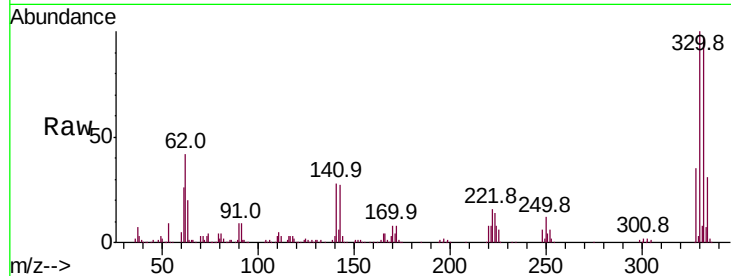




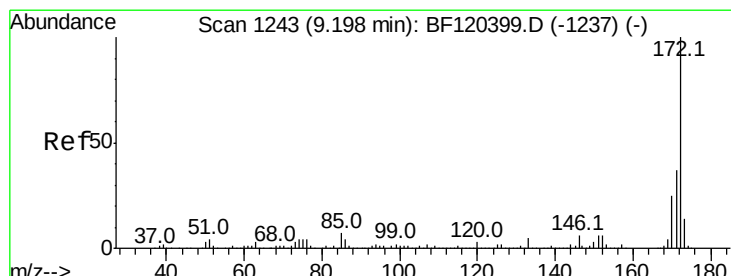
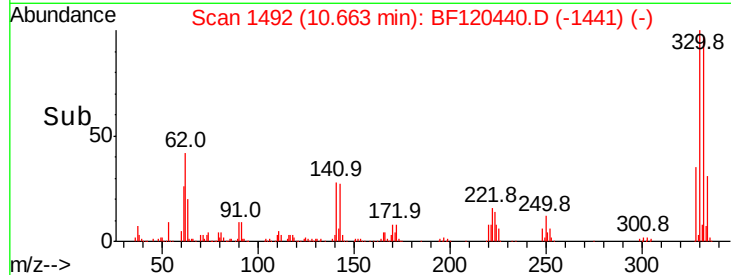
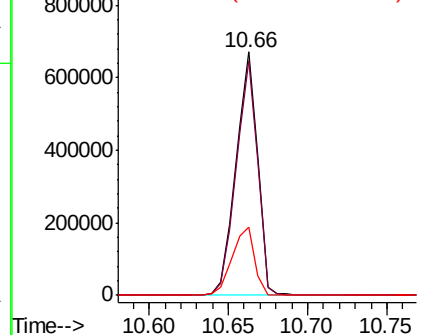
#42
 2,4,6-Tribromophenol
 Concen: 137.602 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BF120440.D
 Acq: 29 May 2020 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB129143BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	29.3	25.3	37.9

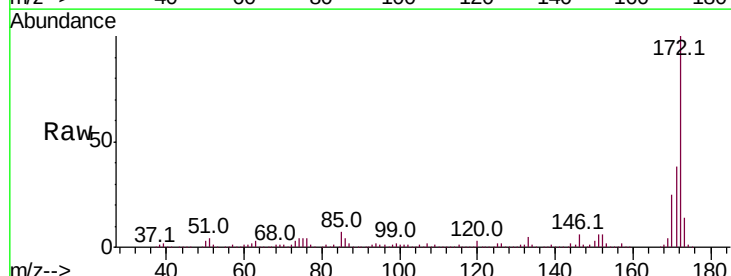


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

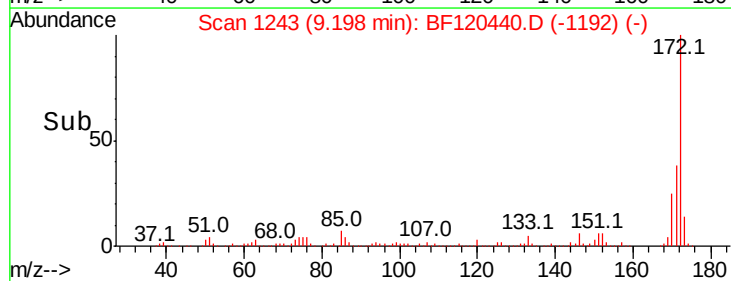
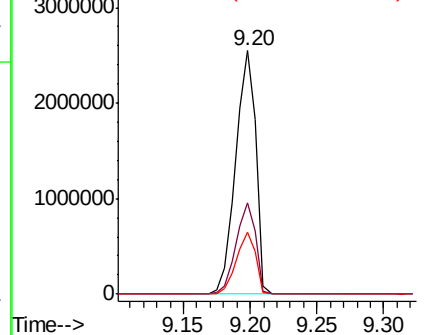


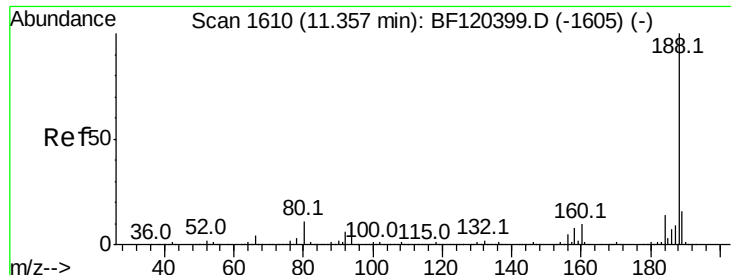
#45
 2-Fluorobiphenyl
 Concen: 92.493 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120440.D
 Acq: 29 May 2020 15:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.3	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

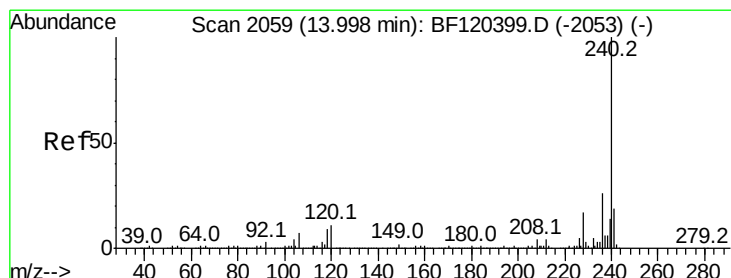
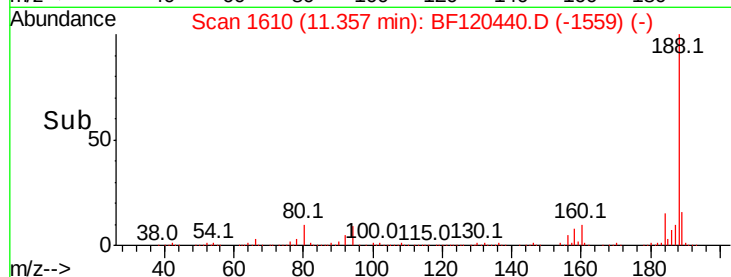
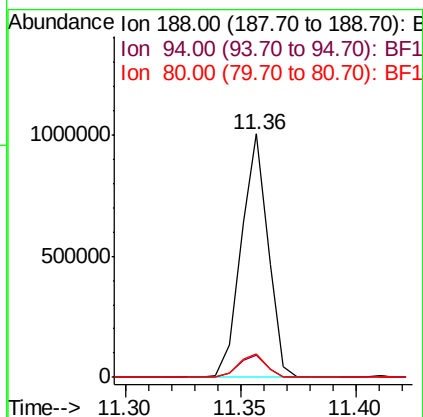
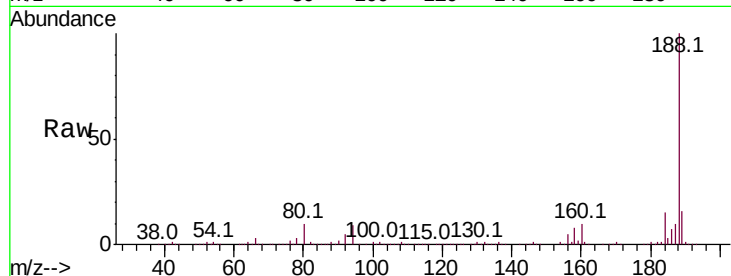




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120440.D
Acq: 29 May 2020 15:44

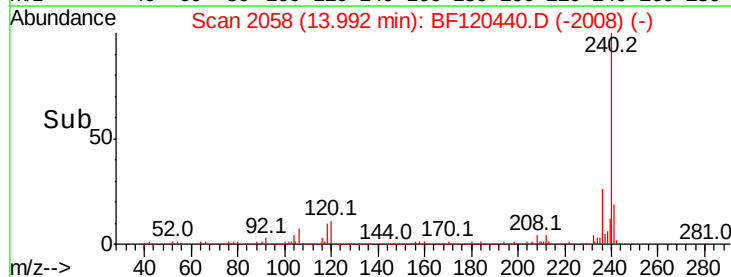
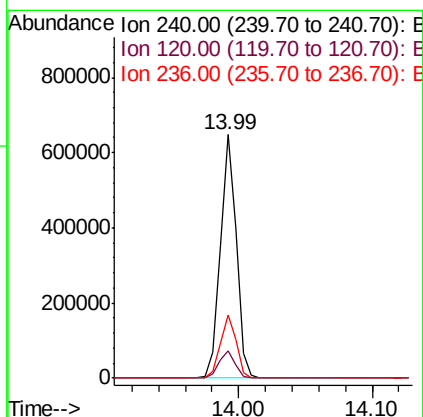
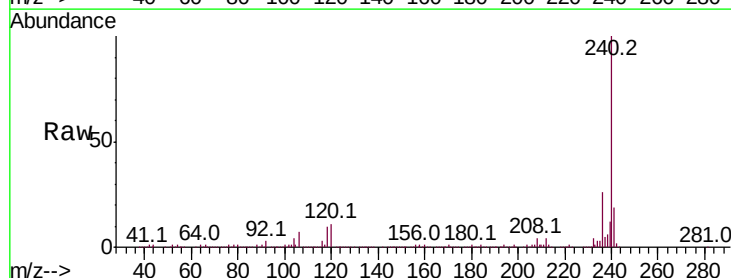
Instrument :
BNA_F
ClientSampleId :
PB129143BL

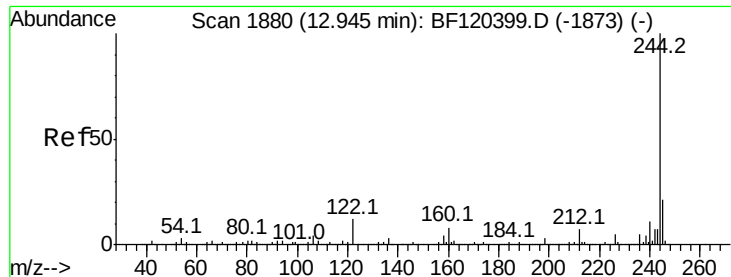
Tot Ion:188 Resp: 814999
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 9.7 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120440.D
Acq: 29 May 2020 15:44

Tgt Ion:240 Resp: 547379
Ion Ratio Lower Upper
240 100
120 11.1 8.8 13.2
236 26.2 21.0 31.4





#79

Terphenyl-d14

Concen: 99.374 ng

RT: 12.95 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120440.D

Acq: 29 May 2020 15:44

Instrument :

BNA_F

ClientSampleId :

PB129143BL

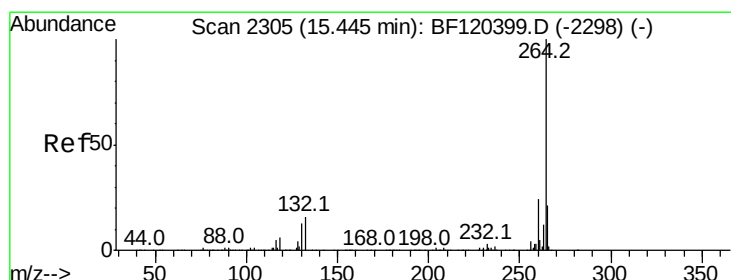
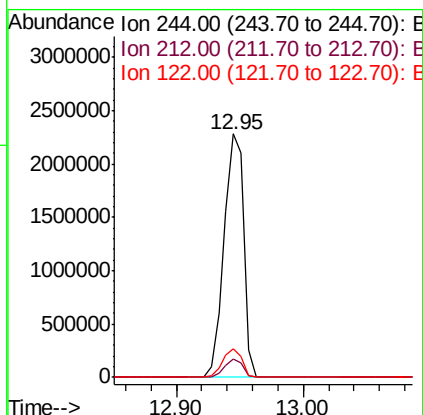
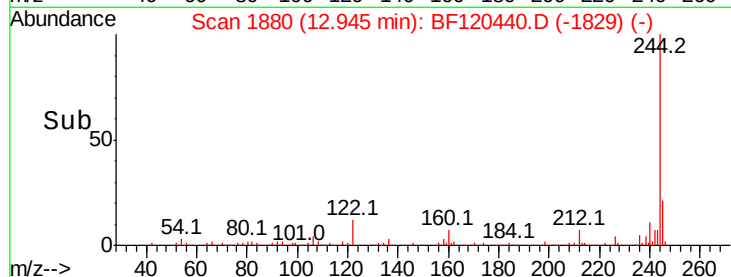
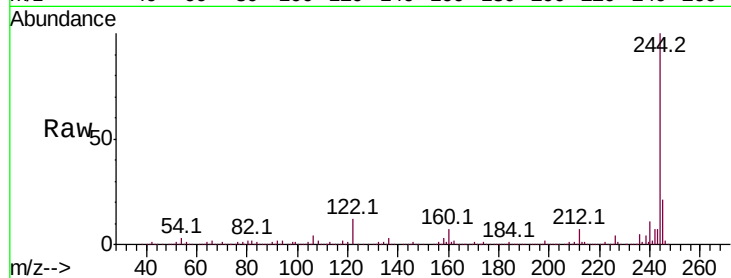
Tot Ion:244 Resp: 2444479

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 11.5 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BF120440.D

Acq: 29 May 2020 15:44

Tgt Ion:264 Resp: 574783

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.9 16.9 25.3

