

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120008.D
 Acq On : 15 Apr 2020 22:48
 Operator : MA/SJ
 Sample : L2245-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-26

Quant Time: Apr 16 04:34:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	190223	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	726800	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	388910	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	764527	20.00	ng	0.00
76) Chrysene-d12	13.89	240	606185	20.00	ng	-0.01
87) Perylene-d12	15.31	264	479631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1488958	135.27	ng	0.01
7) Phenol-d6	6.36	99	1698871	119.78	ng	0.00
23) Nitrobenzene-d5	7.29	82	1364694	97.14	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	607607	127.61	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2505997	91.49	ng	0.00
79) Terphenyl-d14	12.84	244	3015367	83.70	ng	0.00

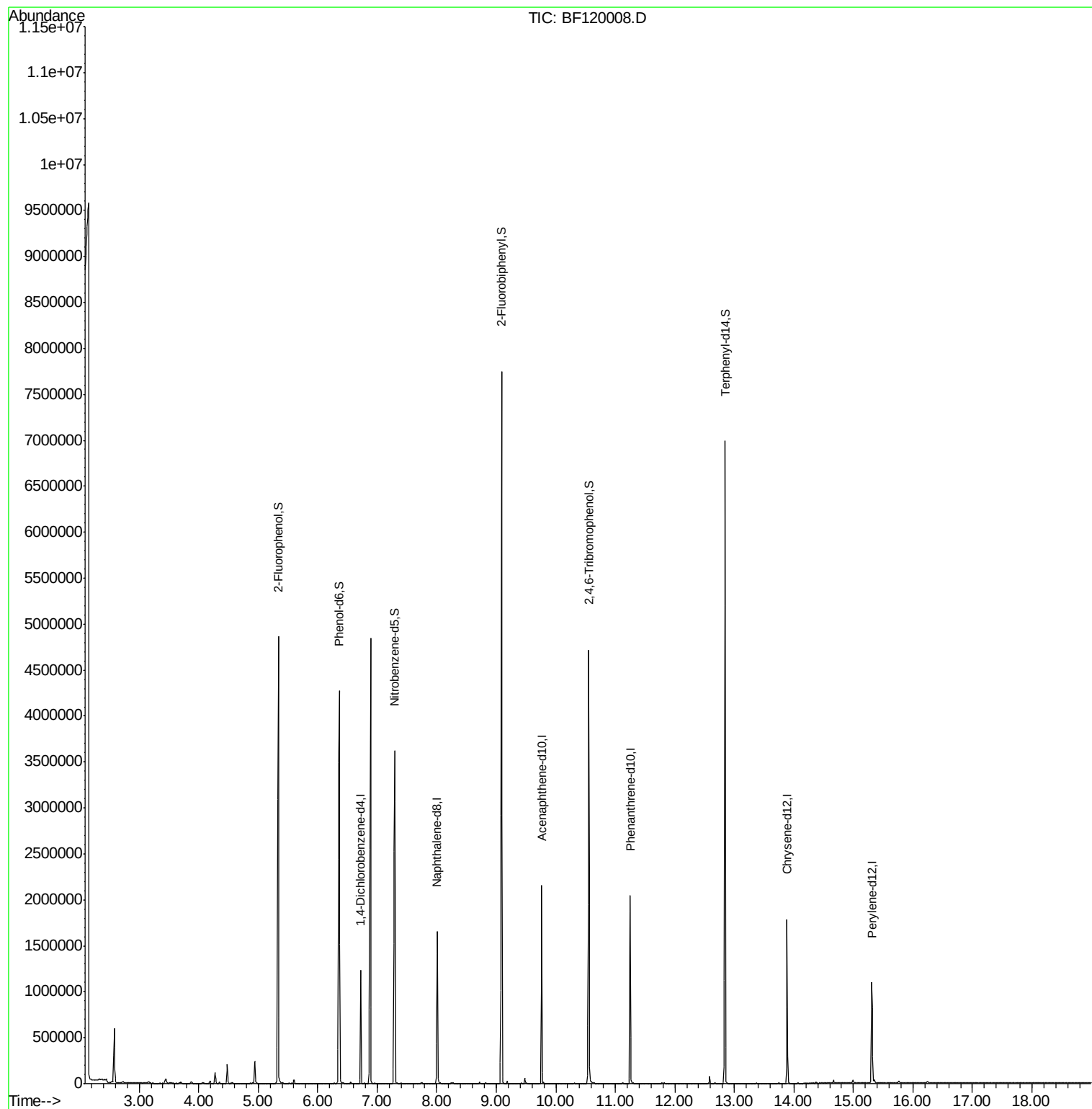
Target Compounds Qvalue

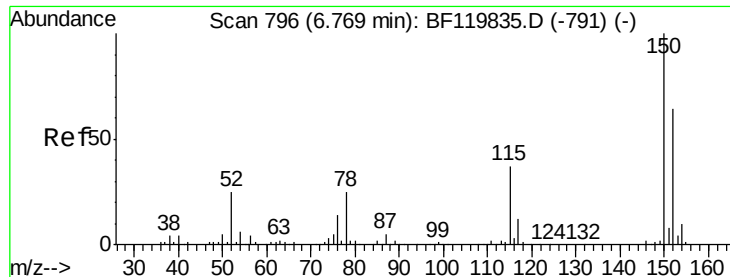
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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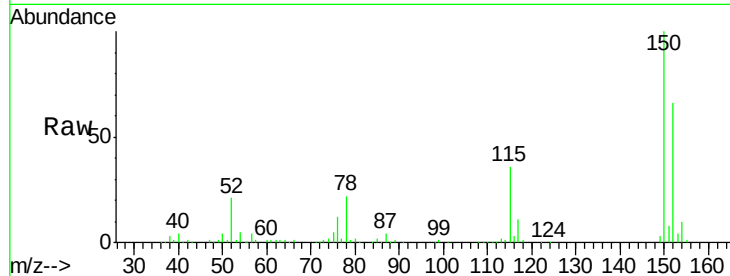


#1

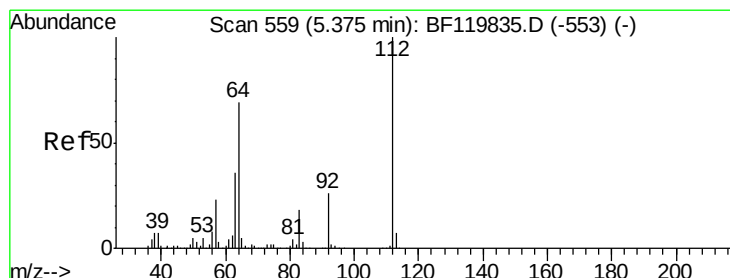
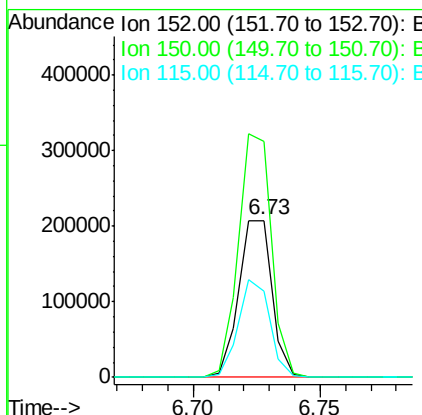
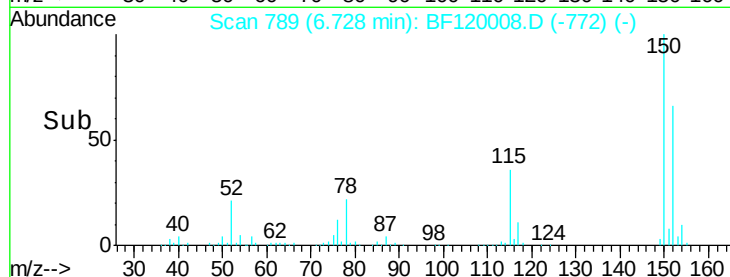
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF120008.D
Acq: 15 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
TP-26

Tot Ion:152 Resp: 190223
Ion Ratio Lower Upper
152 100
150 150.6 124.8 187.2
115 54.6 46.5 69.7



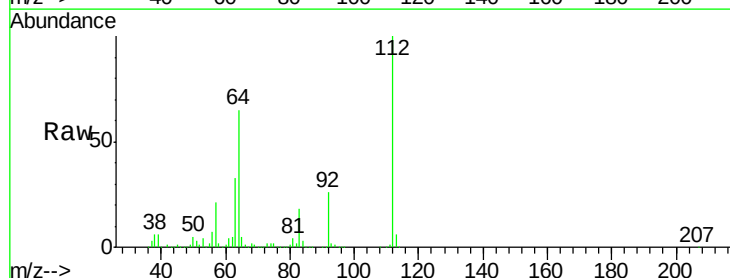
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



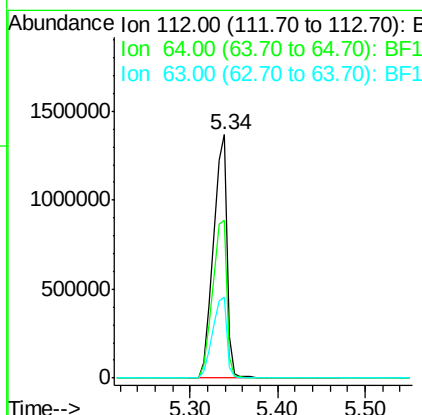
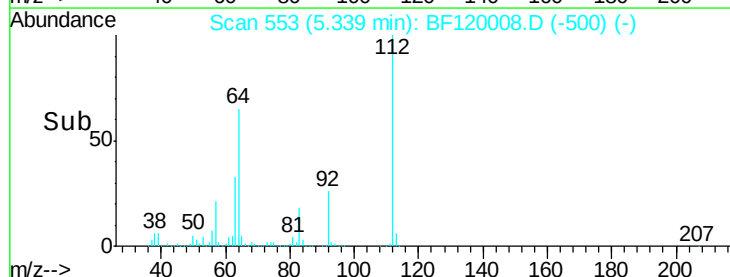
#5

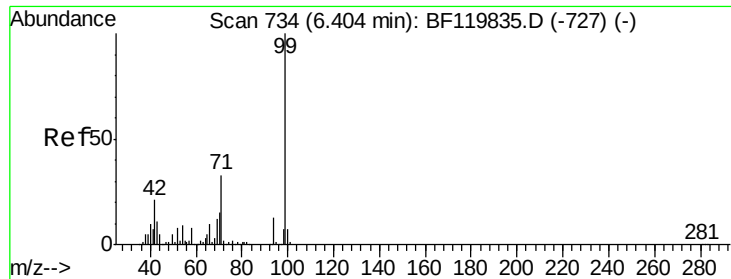
2-Fluorophenol
Concen: 135.272 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF120008.D
Acq: 15 Apr 2020 22:48

Tgt Ion:112 Resp: 1488958
Ion Ratio Lower Upper
112 100
64 65.0 55.5 83.3
63 33.3 29.1 43.7



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: 119.781 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120008.D

Acq: 15 Apr 2020 22:48

Instrument :

BNA_F

ClientSampleId :

TP-26

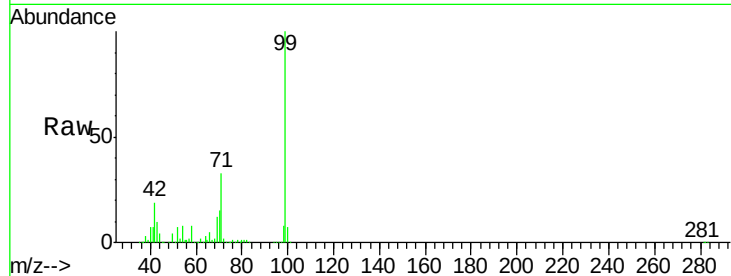
Tot Ion: 99 Resp: 1698871

Ion Ratio Lower Upper

99 100

42 19.0 16.9 25.3

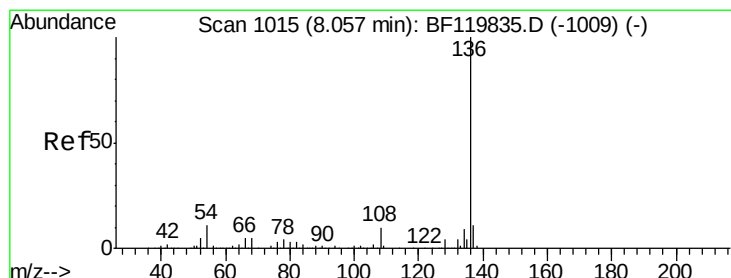
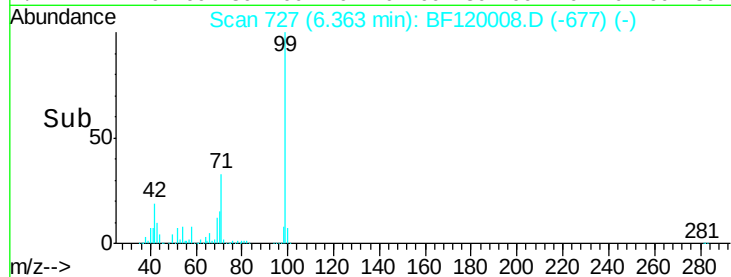
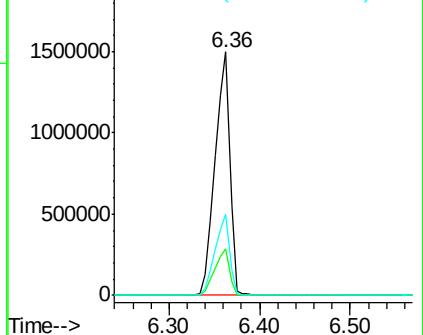
71 33.3 26.3 39.5



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF120008.D

Acq: 15 Apr 2020 22:48

Tgt Ion: 136 Resp: 726800

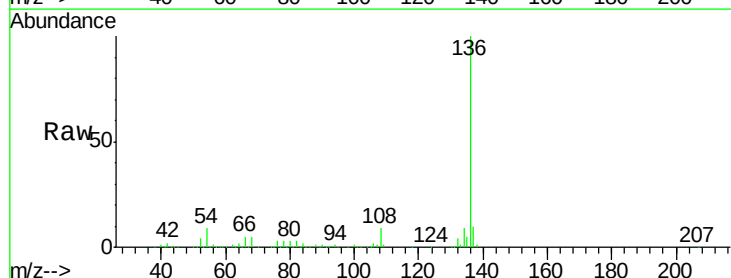
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 8.7 8.5 12.7

68 5.2 3.9 5.9

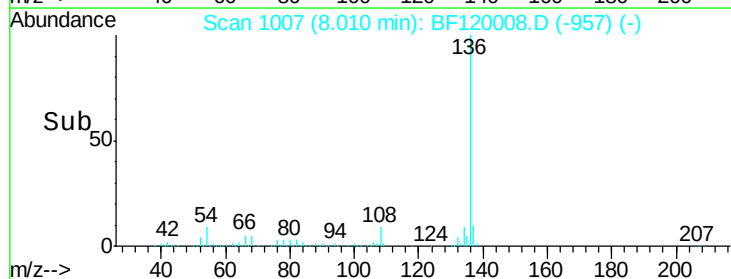
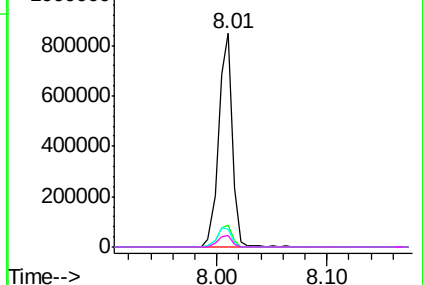


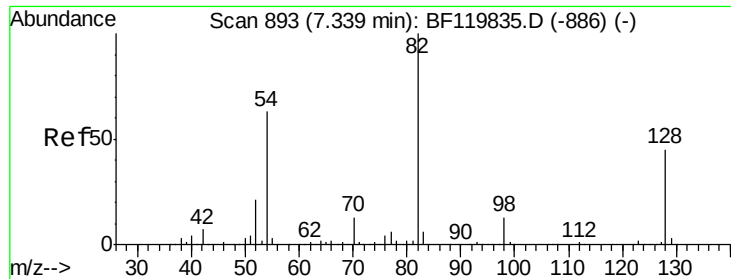
Abundance Ion 136.00 (135.70 to 136.70): E

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



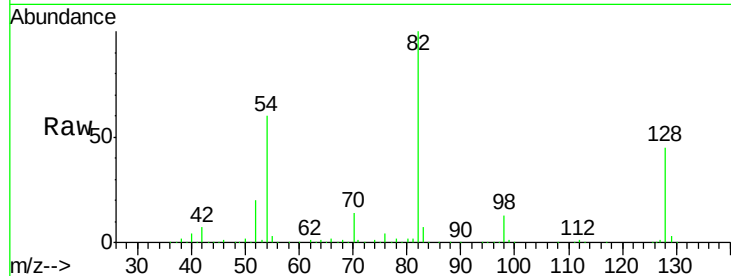


#23
 Nitrobenzene-d5
 Concen: 97.139 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF120008.D
 Acq: 15 Apr 2020 22:48

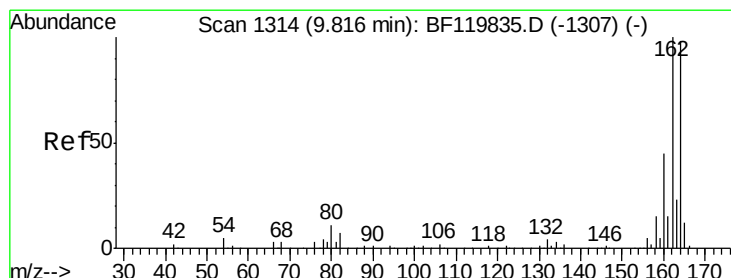
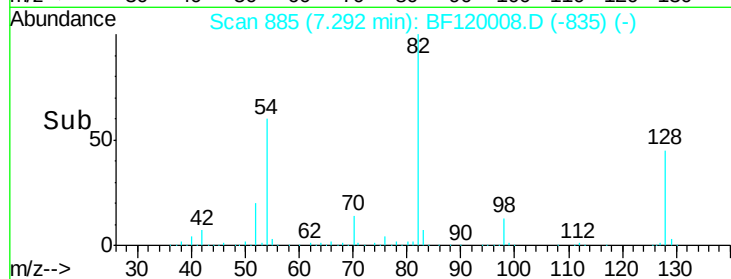
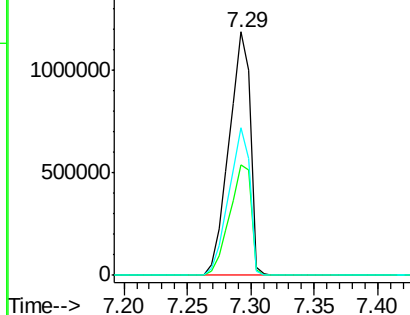
Instrument :
 BNA_F
 ClientSampleId :
 TP-26

Tot Ion: 82 Resp: 1364694

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.2	54.4
54	60.5	50.4	75.6



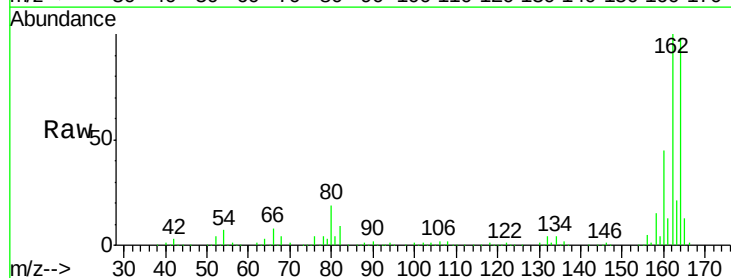
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



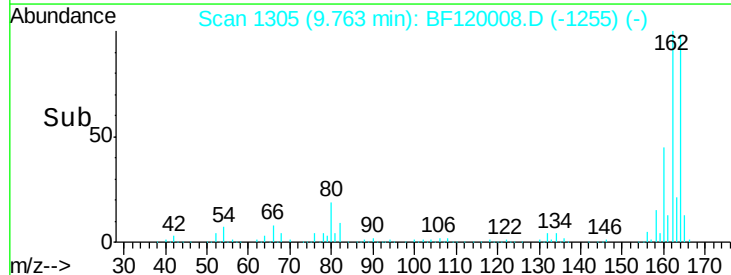
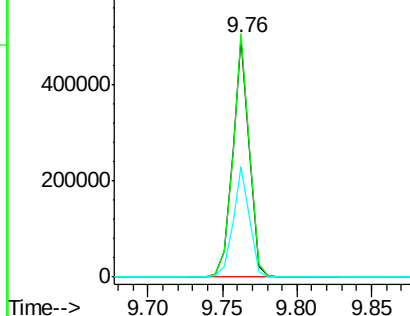
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF120008.D
 Acq: 15 Apr 2020 22:48

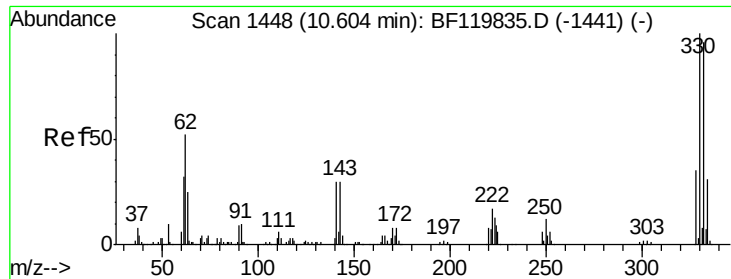
Tgt Ion:164 Resp: 388910

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.9	122.9
160	46.0	36.6	54.8



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

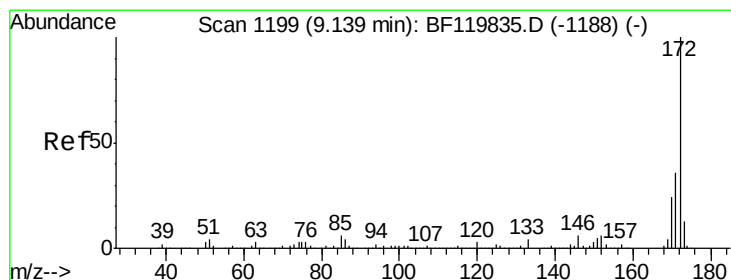
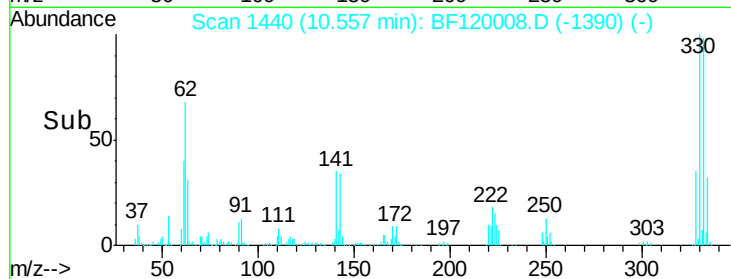
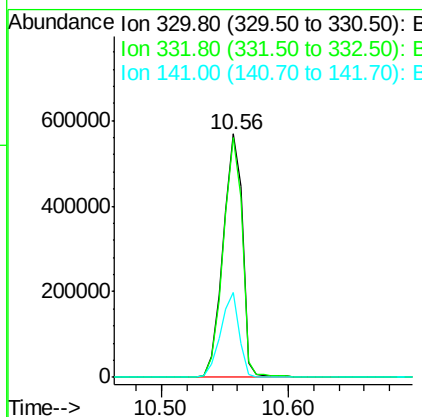
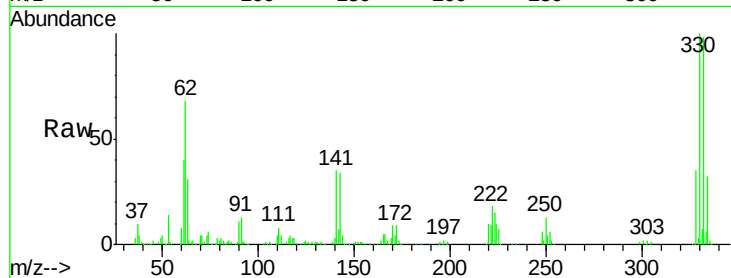




#42
 2,4,6-Tribromophenol
 Concen: 127.606 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120008.D
 Acq: 15 Apr 2020 22:48

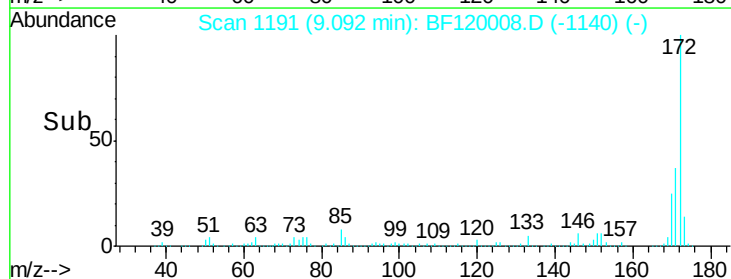
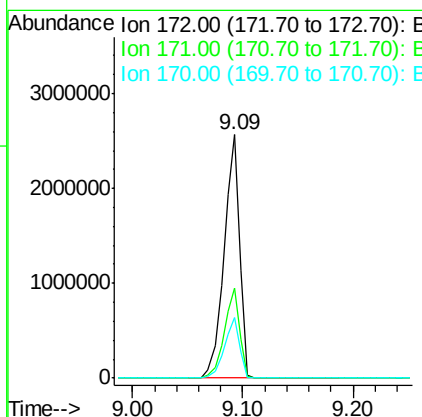
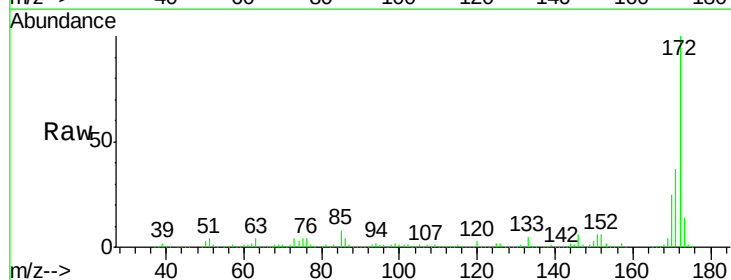
Instrument :
 BNA_F
 ClientSampleId :
 TP-26

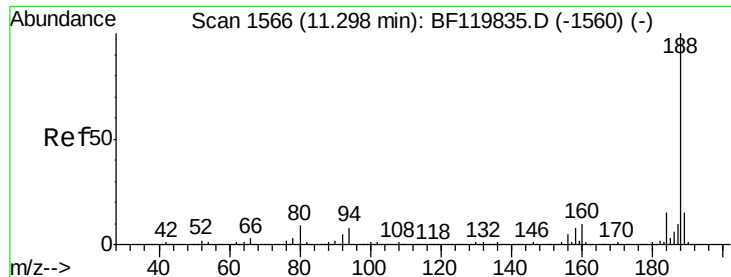
Tot Ion:	330	Resp:	607607
Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	33.6	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 91.486 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF120008.D
 Acq: 15 Apr 2020 22:48

Tgt Ion:	172	Resp:	2505997
Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.9	43.3
170	24.9	19.4	29.2

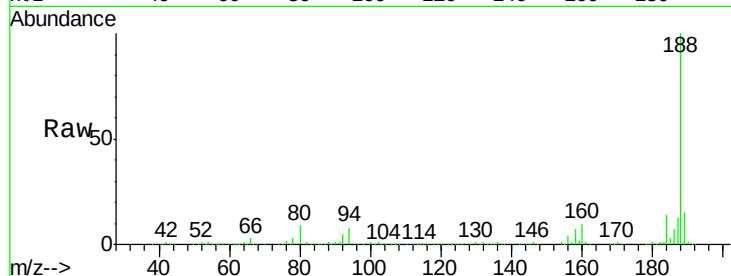




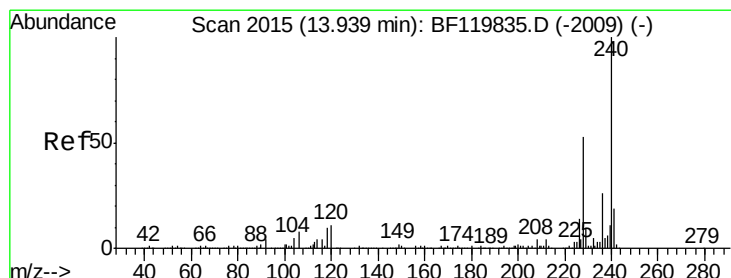
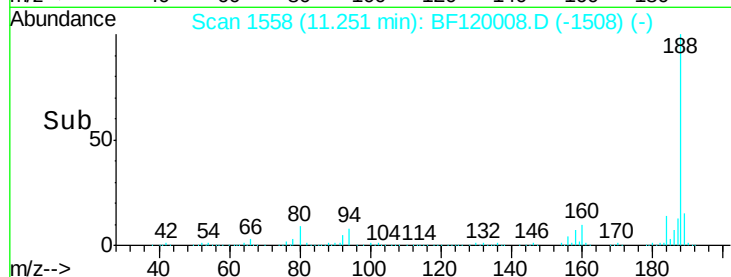
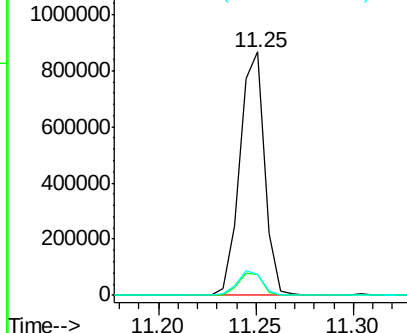
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF120008.D
Acq: 15 Apr 2020 22:48

Instrument :
BNA_F
ClientSampleId :
TP-26

Tot Ion:188 Resp: 764527
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 8.6 7.4 11.2

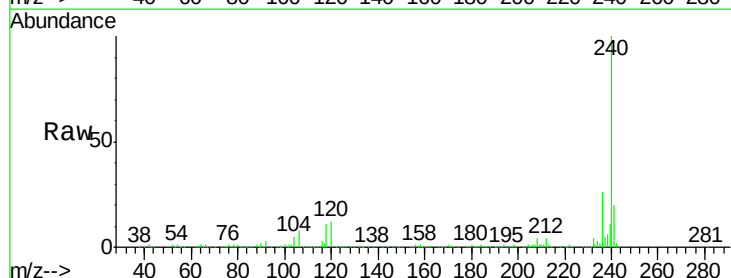


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

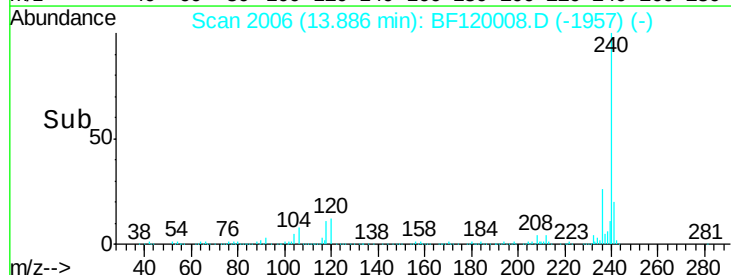
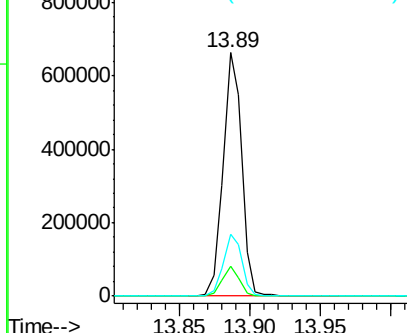


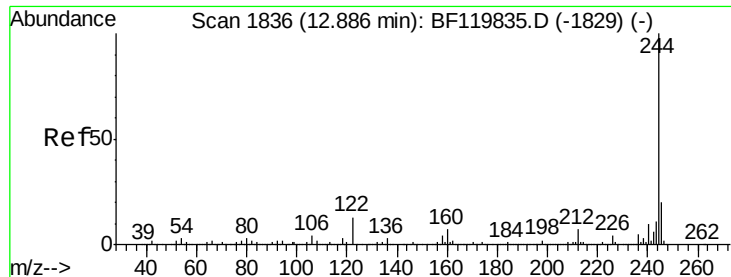
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF120008.D
Acq: 15 Apr 2020 22:48

Tgt Ion:240 Resp: 606185
Ion Ratio Lower Upper
240 100
120 12.1 9.0 13.6
236 25.6 20.7 31.1



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: 83.701 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF120008.D

Acq: 15 Apr 2020 22:48

Instrument :

BNA_F

ClientSampleId :

TP-26

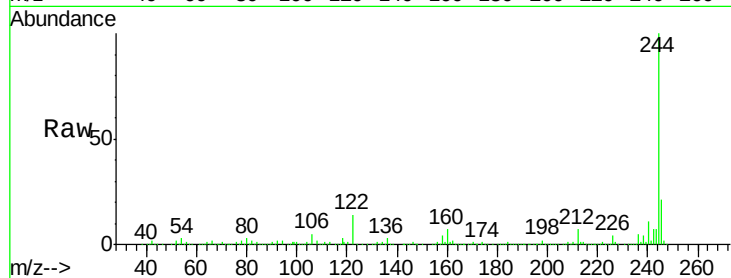
Tot Ion:244 Resp: 3015367

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

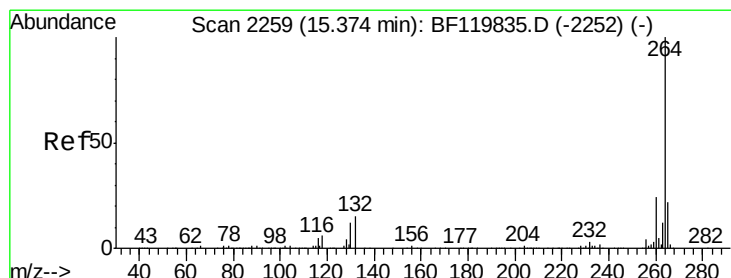
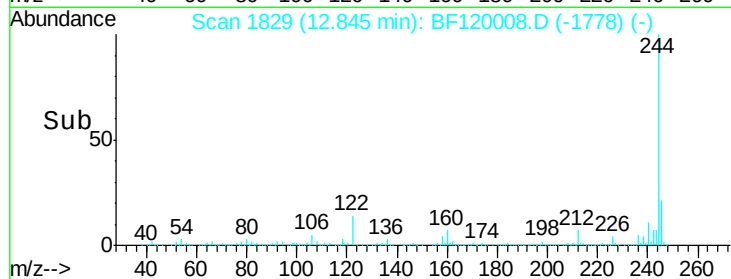
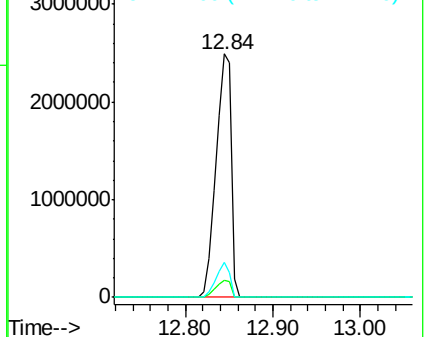
122 14.2 10.3 15.5



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: 15.31 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BF120008.D

Acq: 15 Apr 2020 22:48

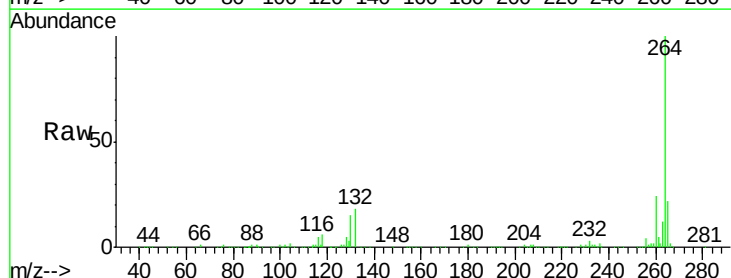
Tgt Ion:264 Resp: 479631

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 21.6 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

