

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120004.D
 Acq On : 15 Apr 2020 20:04
 Operator : MA/SJ
 Sample : PB128214TB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128214TB

Quant Time: Apr 16 03:53:01 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	6.72	152	179525	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	679056	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	359094	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	727704	20.00	ng	0.00
76) Chrysene-d12	13.89	240	578472	20.00	ng	-0.01
87) Perylene-d12	15.31	264	501710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1531081	147.39	ng	0.00
7) Phenol-d6	6.36	99	1929905	144.18	ng	0.00
23) Nitrobenzene-d5	7.29	82	1221401	93.05	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	455355	103.57	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2284974	90.34	ng	0.00
79) Terphenyl-d14	12.85	244	2709148	78.80	ng	0.00

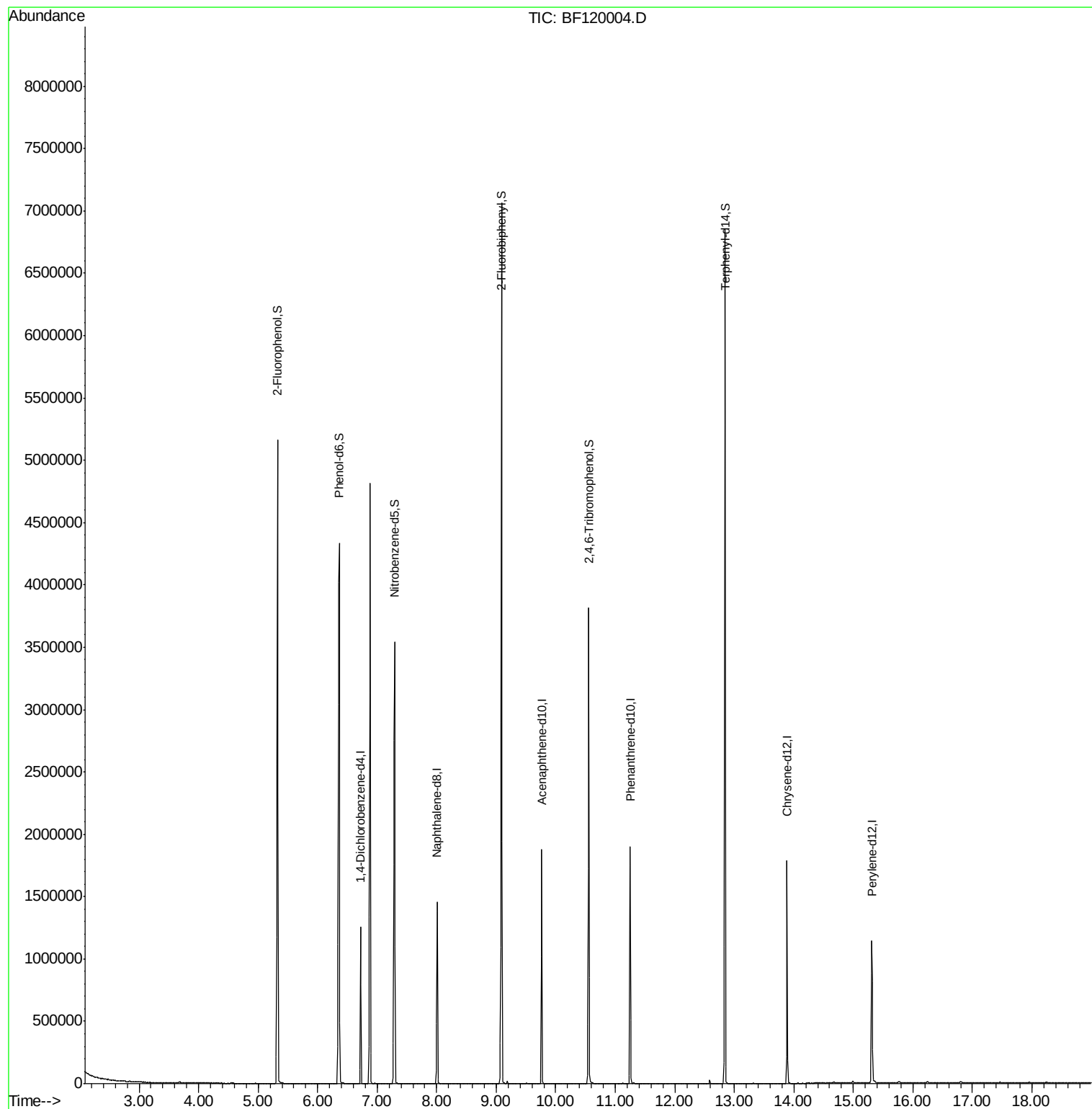
Target Compounds Qvalue

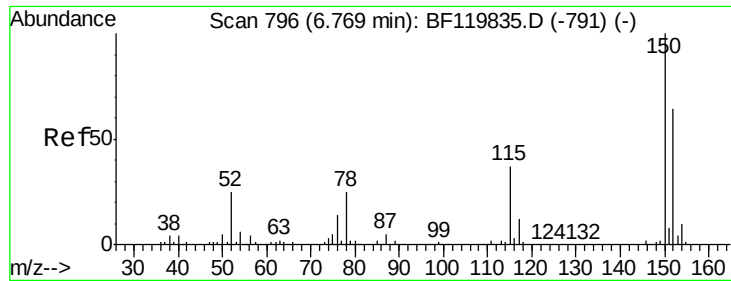
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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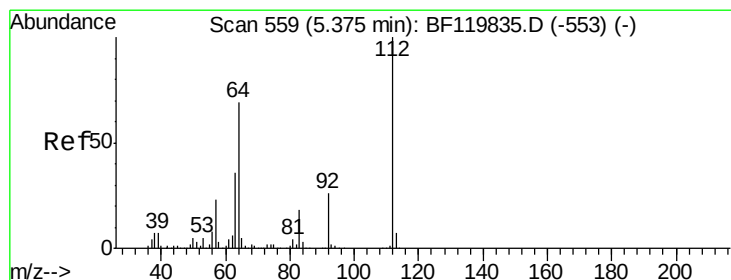
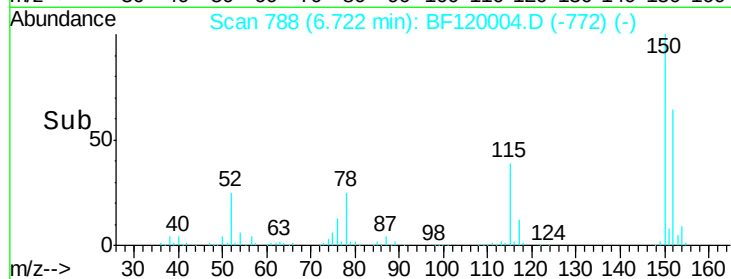
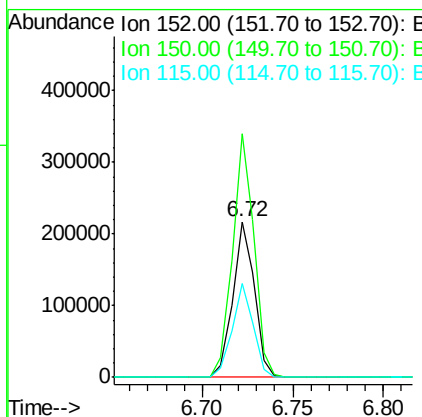
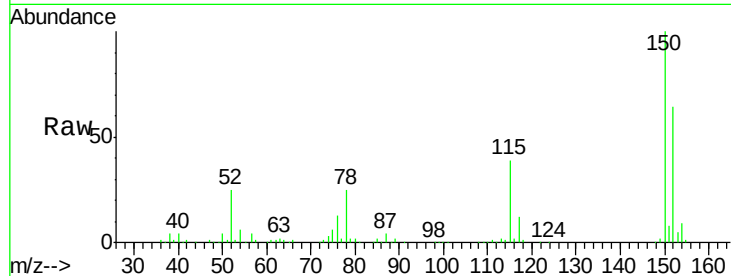




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF120004.D
 Acq: 15 Apr 2020 20:04

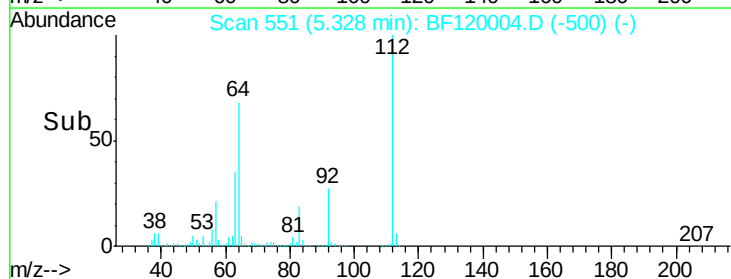
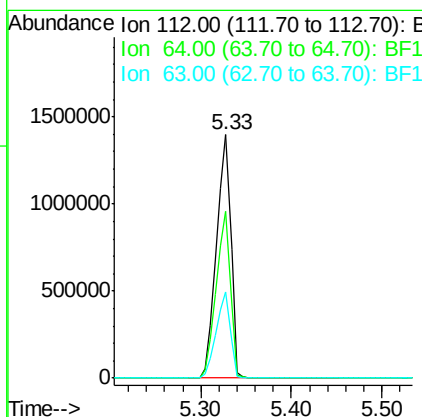
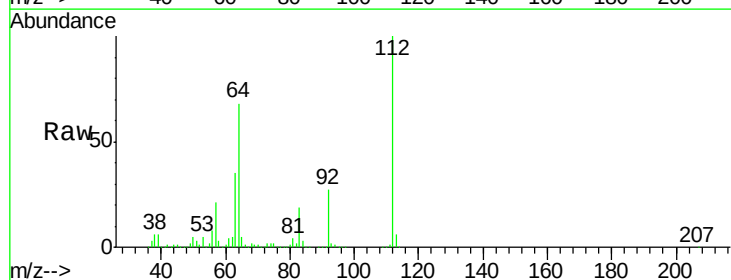
Instrument :
 BNA_F
 ClientSampleId :
 PB128214TB

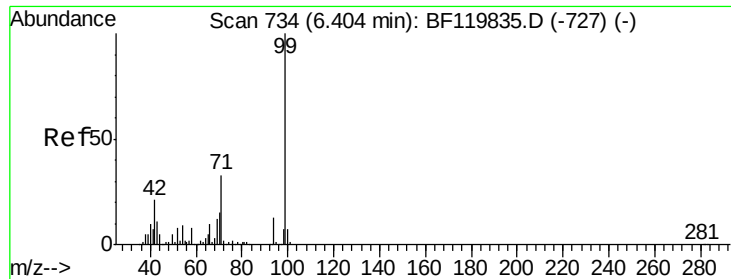
Tot Ion:152 Resp: 179525
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.8 187.2
 115 60.3 46.5 69.7



#5
 2-Fluorophenol
 Concen: 147.388 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF120004.D
 Acq: 15 Apr 2020 20:04

Tgt Ion:112 Resp: 1531081
 Ion Ratio Lower Upper
 112 100
 64 68.4 55.5 83.3
 63 35.4 29.1 43.7





#7

Phenol-d6

Concen: 144.178 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF120004.D

Acq: 15 Apr 2020 20:04

Instrument :

BNA_F

ClientSampleId :

PB128214TB

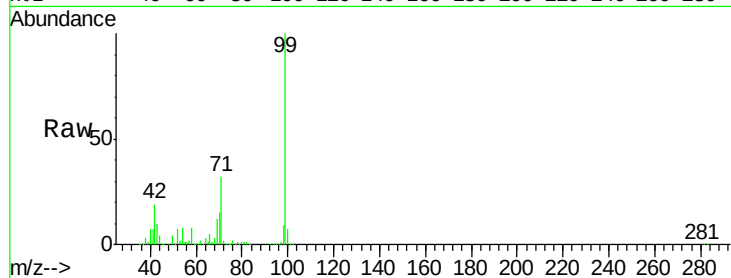
Tot Ion: 99 Resp: 1929905

Ion Ratio Lower Upper

99 100

42 18.5 16.9 25.3

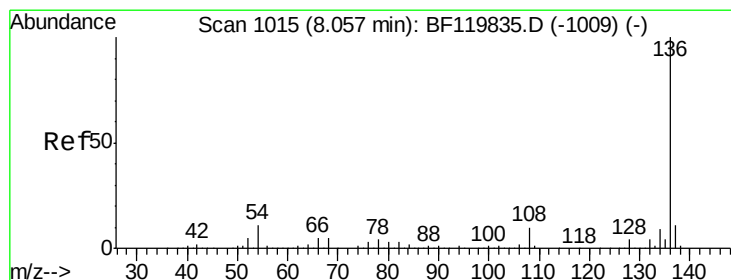
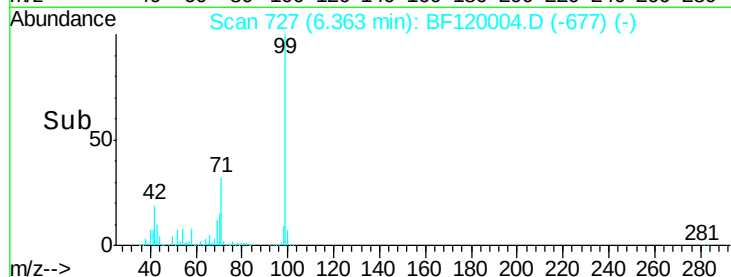
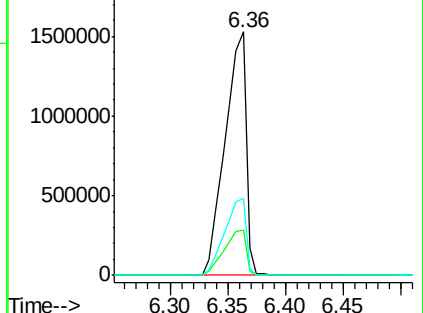
71 32.0 26.3 39.5



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: BF120004.D

Acq: 15 Apr 2020 20:04

Tgt Ion: 136 Resp: 679056

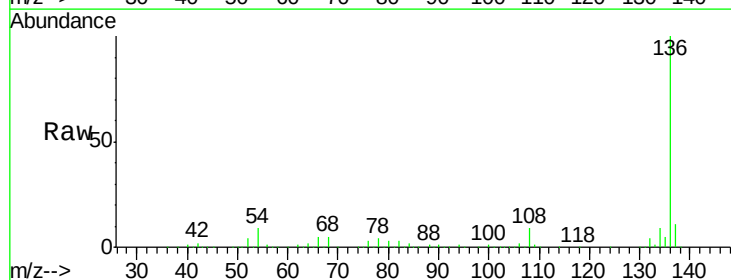
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 8.9 8.5 12.7

68 5.1 3.9 5.9

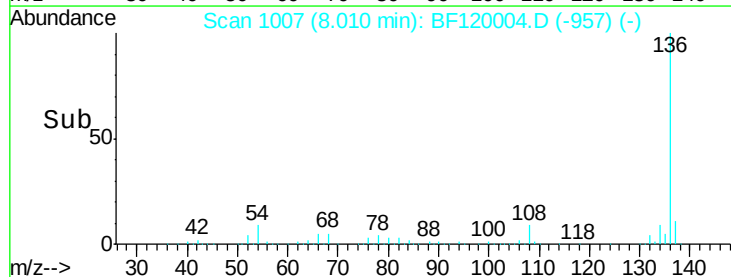
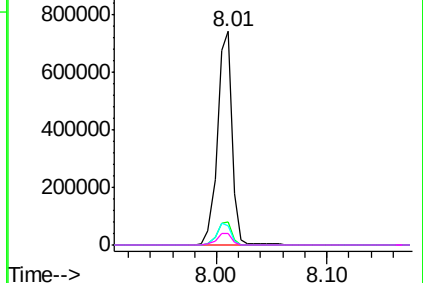


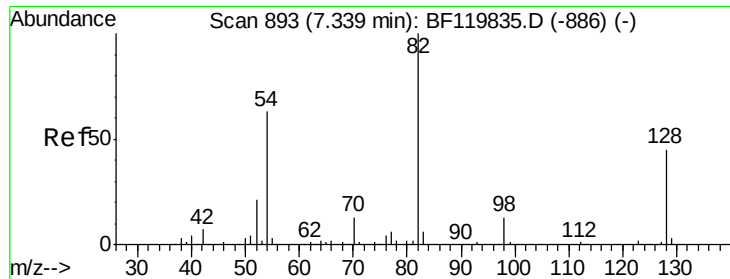
Abundance Ion 136.00 (135.70 to 136.70): E

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

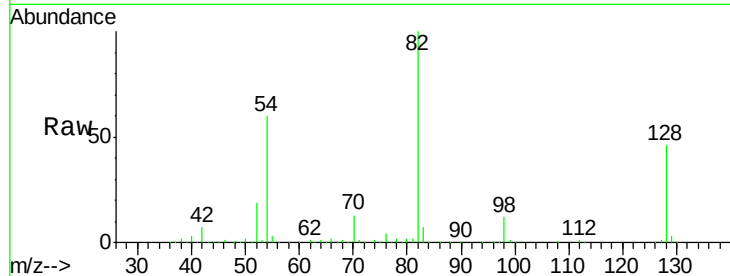




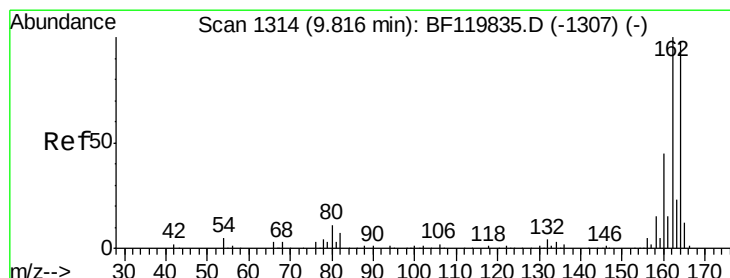
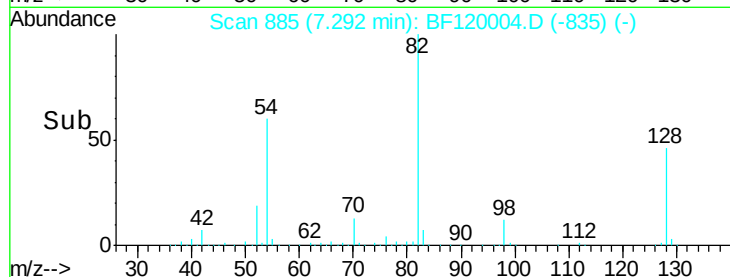
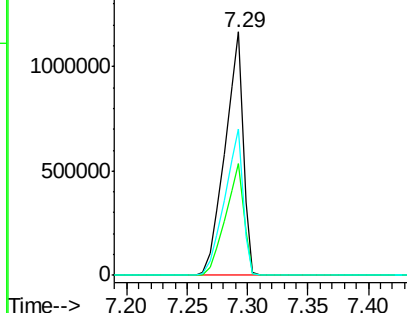
#23
Nitrobenzene-d5
Concen: 93.052 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF120004.D
Acq: 15 Apr 2020 20:04

Instrument :
BNA_F
ClientSampleId :
PB128214TB

Tot Ion: 82 Resp: 1221401
Ion Ratio Lower Upper
82 100
128 45.9 36.2 54.4
54 60.0 50.4 75.6

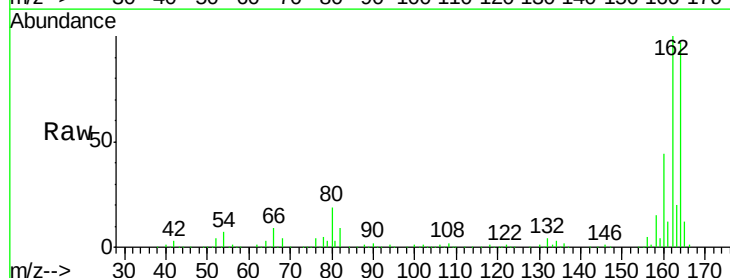


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

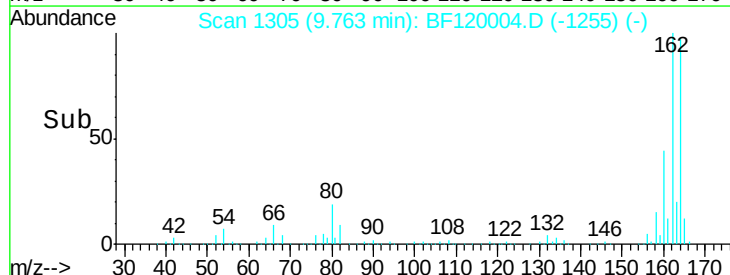
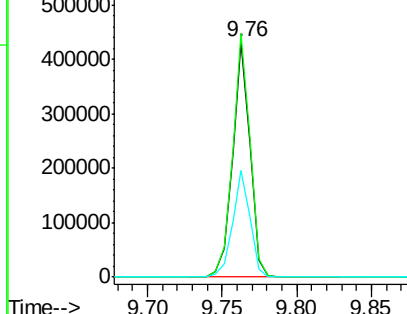


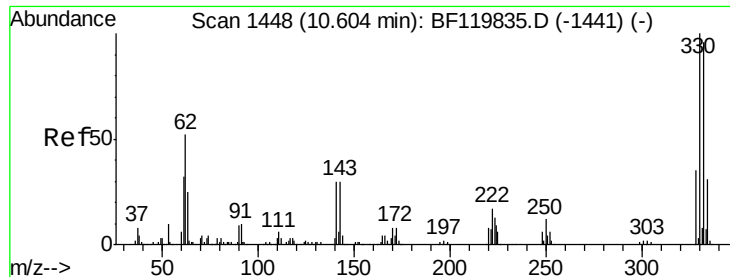
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF120004.D
Acq: 15 Apr 2020 20:04

Tgt Ion: 164 Resp: 359094
Ion Ratio Lower Upper
164 100
162 103.5 81.9 122.9
160 45.4 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

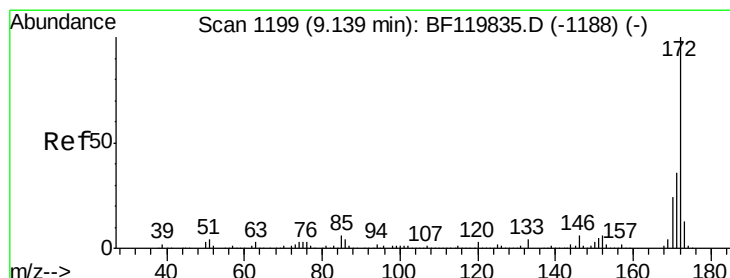
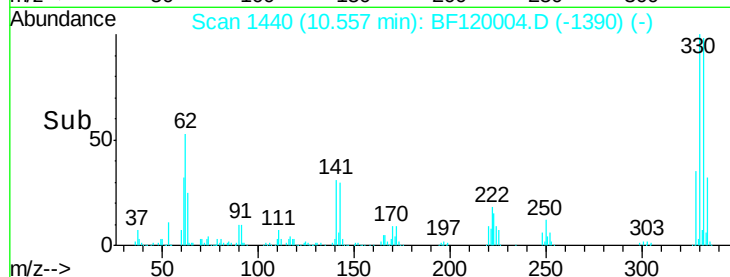
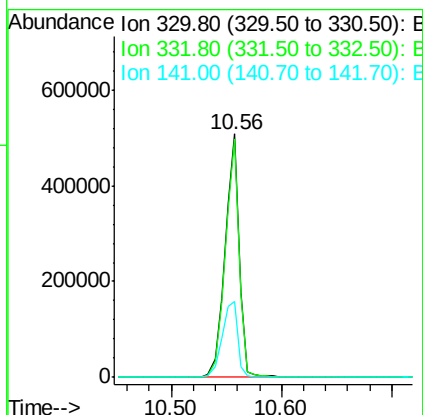
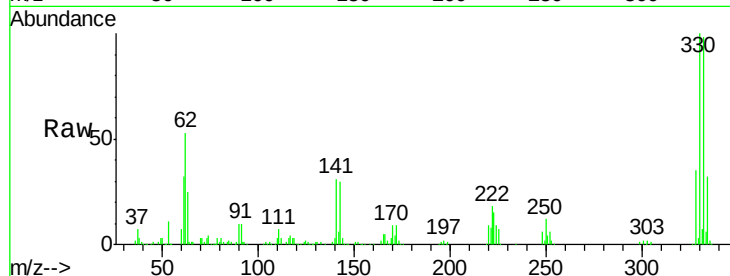




#42
 2,4,6-Tribromophenol
 Concen: 103.571 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF120004.D
 Acq: 15 Apr 2020 20:04

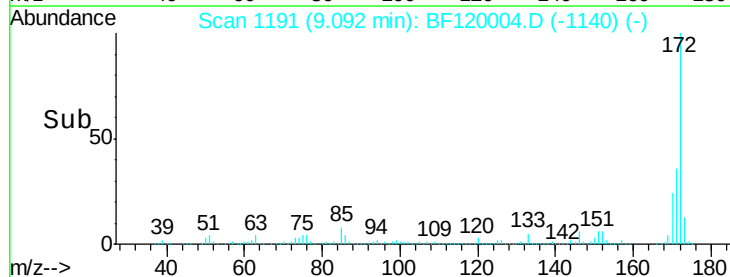
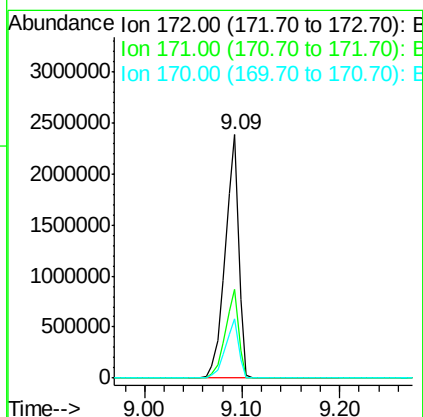
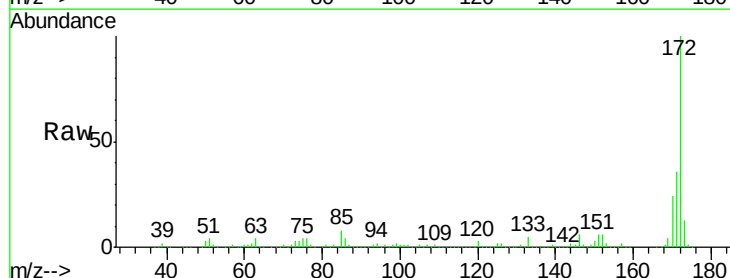
Instrument :
 BNA_F
 ClientSampleId :
 PB128214TB

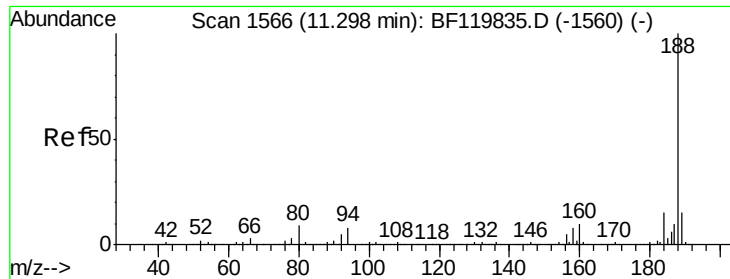
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	34.5	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 90.343 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF120004.D
 Acq: 15 Apr 2020 20:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.3	19.4	29.2

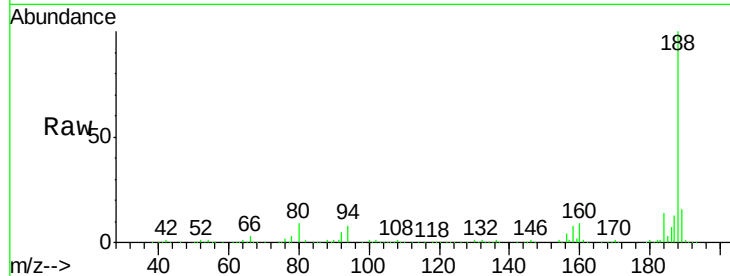




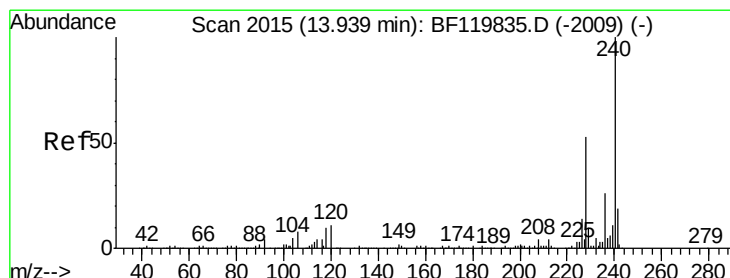
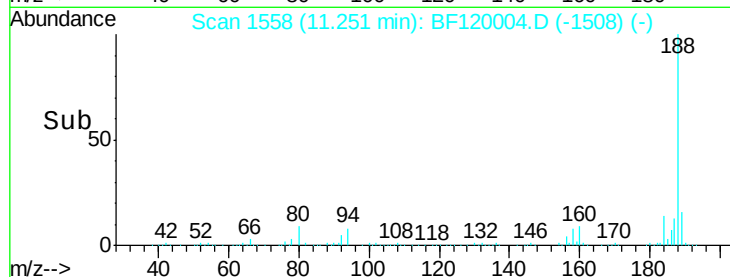
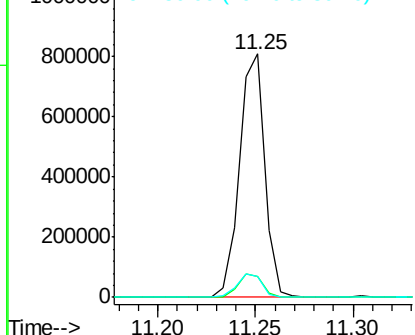
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF120004.D
Acq: 15 Apr 2020 20:04

Instrument :
BNA_F
ClientSampleId :
PB128214TB

Tot Ion:188 Resp: 727704
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 8.6 7.4 11.2

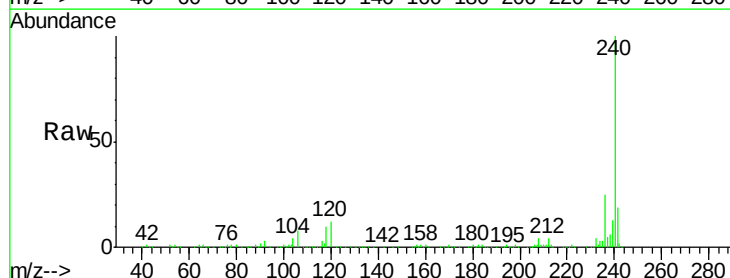


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

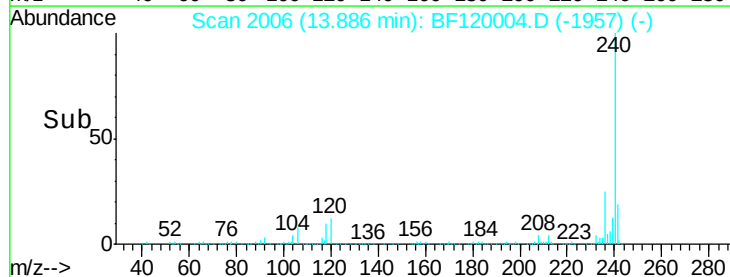
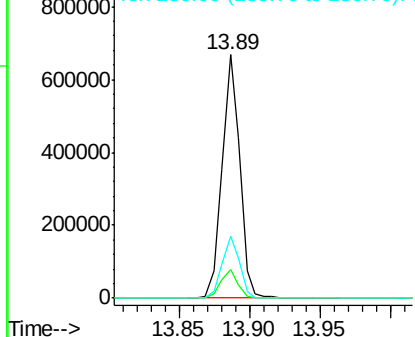


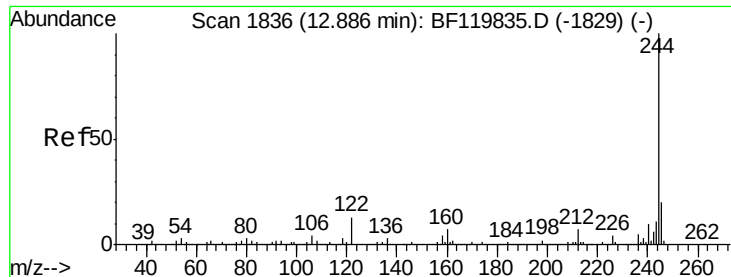
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF120004.D
Acq: 15 Apr 2020 20:04

Tgt Ion:240 Resp: 578472
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.6
236 25.2 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: 78.803 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF120004.D

Acq: 15 Apr 2020 20:04

Instrument :

BNA_F

ClientSampleId :

PB128214TB

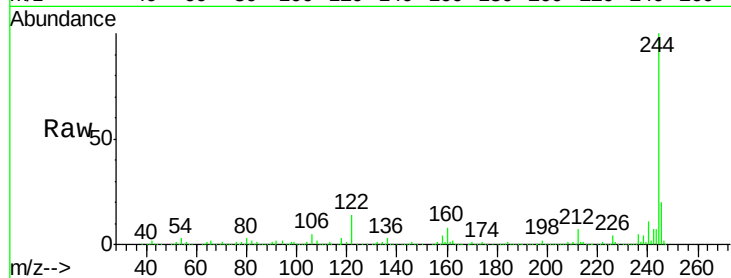
Tot Ion:244 Resp: 2709148

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

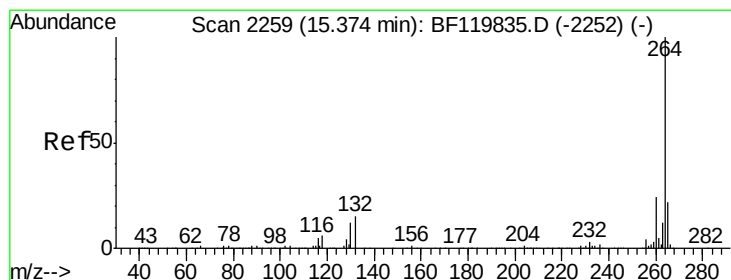
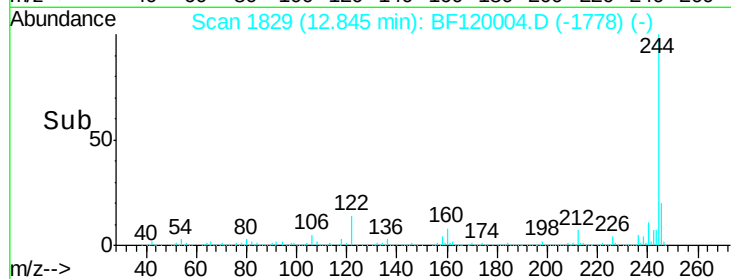
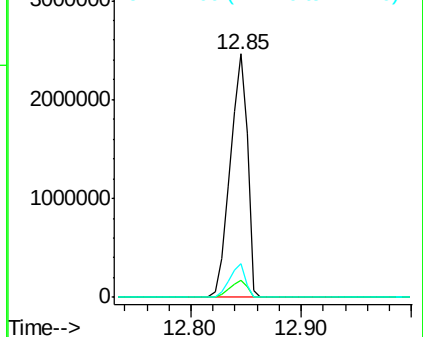
122 14.0 10.3 15.5



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: BF120004.D

Acq: 15 Apr 2020 20:04

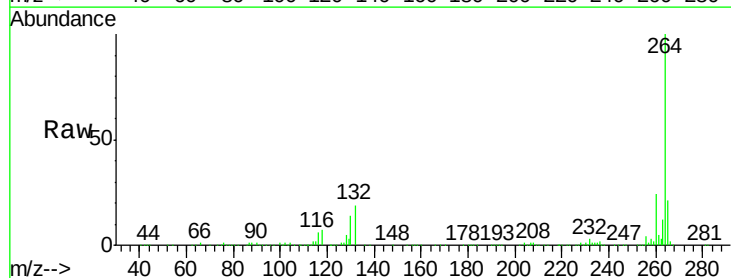
Tgt Ion:264 Resp: 501710

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.4 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

