

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120713.D
 Acq On : 26 Jun 2020 17:15
 Operator : JU/CG
 Sample : PB129807BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129807BL

Quant Time: Jun 26 18:42:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	139194	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	419897	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	141404	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	291600	20.00	ng	0.00
76) Chrysene-d12	13.95	240	413600	20.00	ng	-0.01
86) Perylene-d12	15.40	264	455526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	867585	106.86	ng	-0.01
7) Phenol-d6	6.43	99	966014	95.53	ng	-0.01
23) Nitrobenzene-d5	7.36	82	617189	82.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	198250	120.59	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1360275	147.18	ng	-0.01
79) Terphenyl-d14	12.90	244	1042239	55.66	ng	0.00

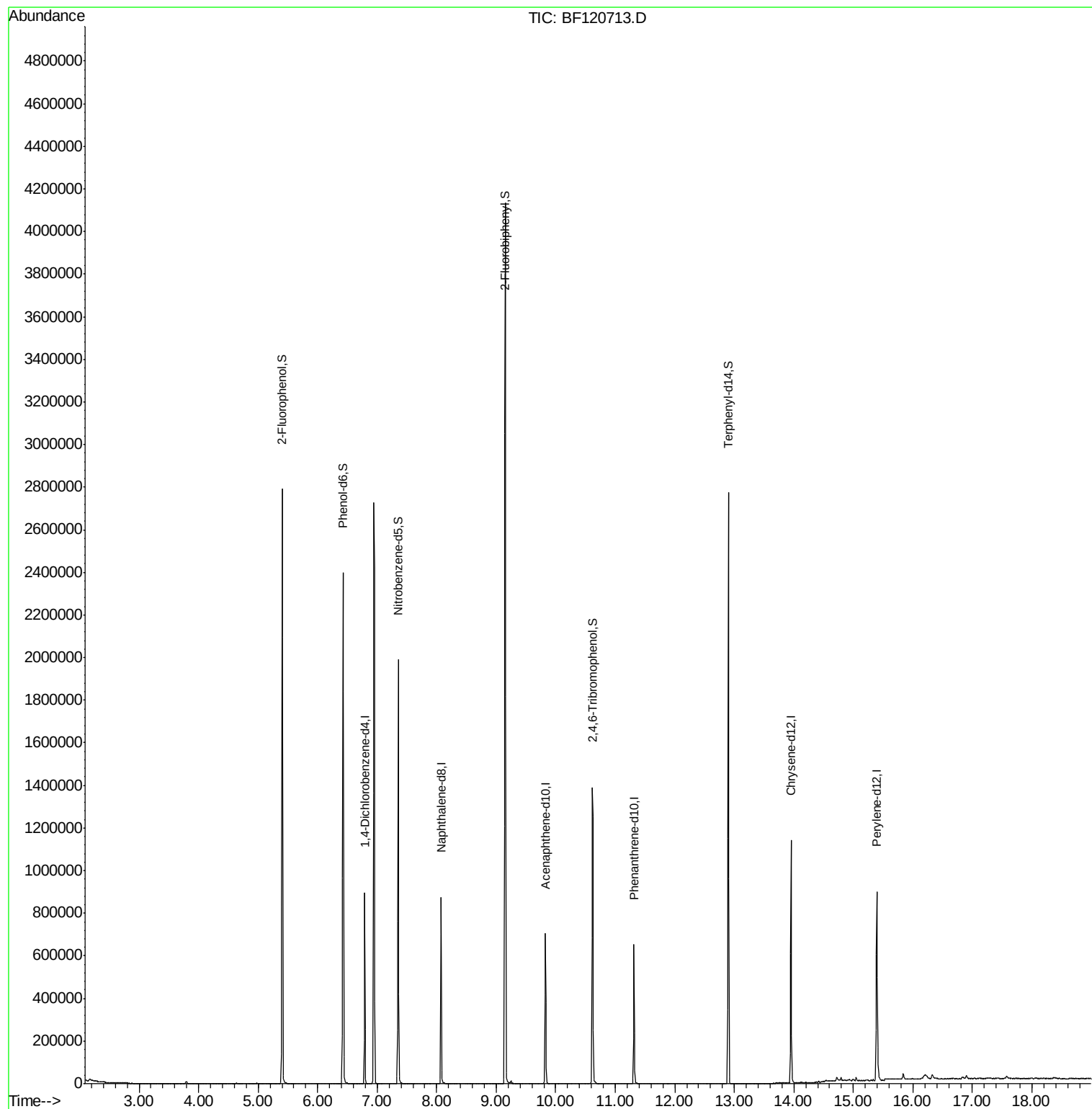
Target Compounds Qvalue

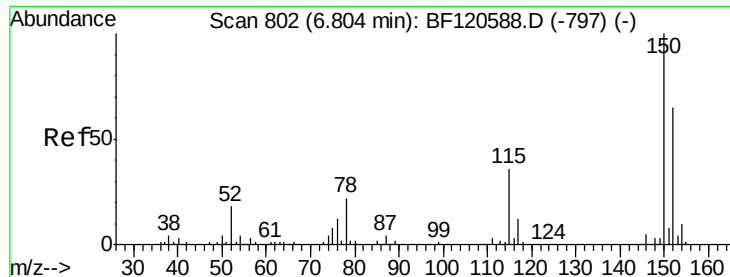
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF120713.D

Acq: 26 Jun 2020 17:15

Instrument :

BNA_F

ClientSampleId :

PB129807BL

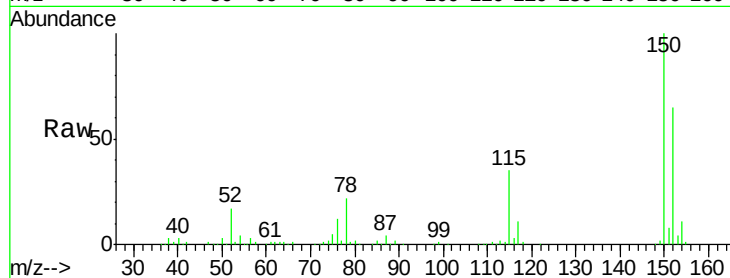
Tot Ion:152 Resp: 139194

Ion Ratio Lower Upper

152 100

150 154.0 123.2 184.8

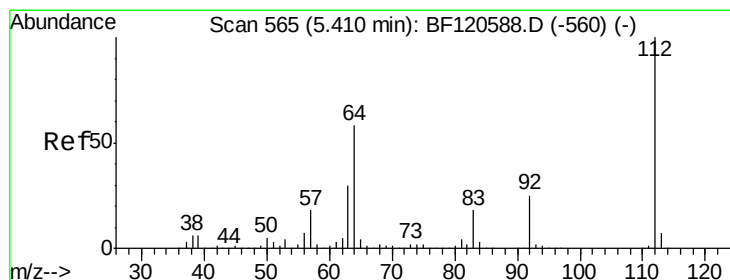
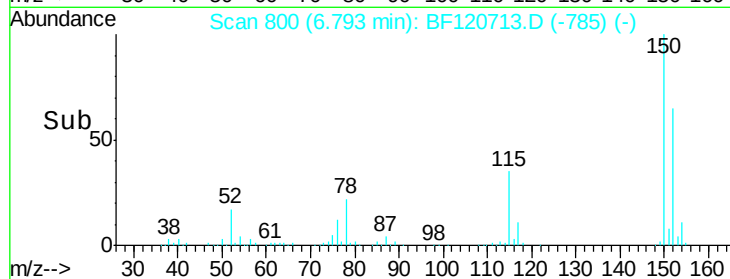
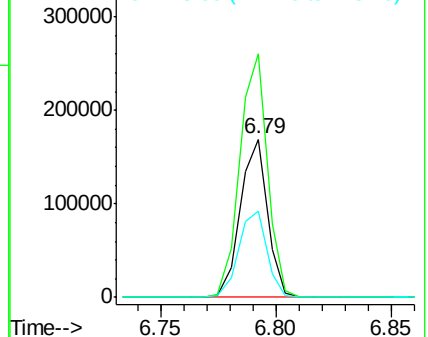
115 54.6 43.9 65.9



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: 106.860 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF120713.D

Acq: 26 Jun 2020 17:15

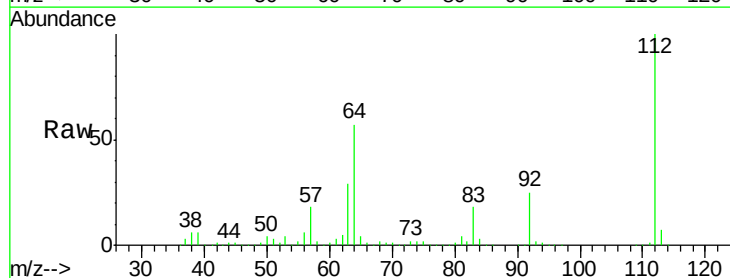
Tgt Ion:112 Resp: 867585

Ion Ratio Lower Upper

112 100

64 56.5 46.1 69.1

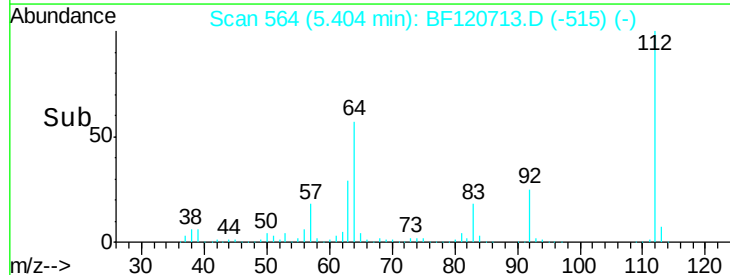
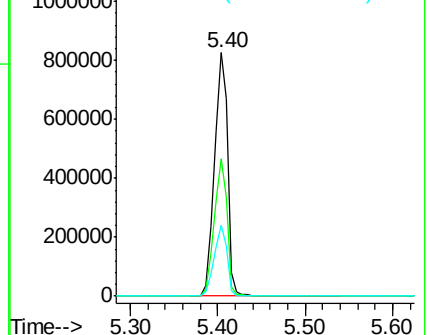
63 29.1 23.7 35.5

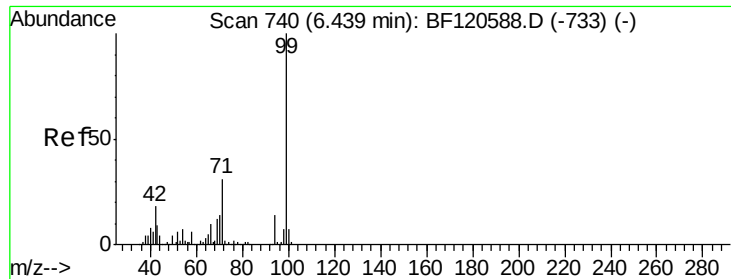


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 95.531 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF120713.D

Acq: 26 Jun 2020 17:15

Instrument :

BNA_F

ClientSampleId :

PB129807BL

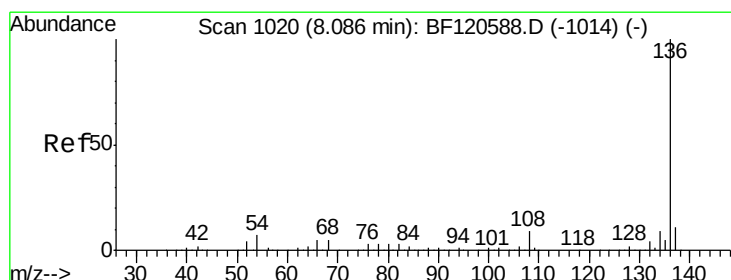
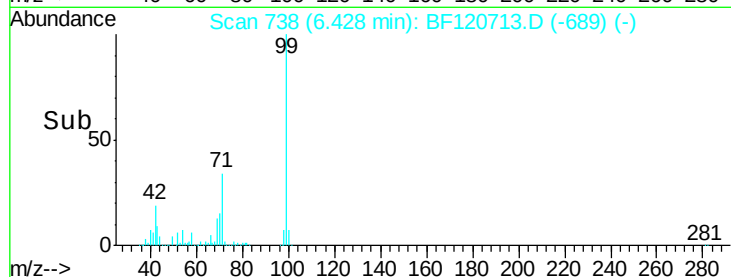
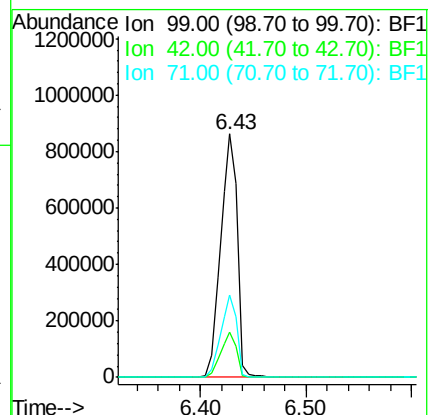
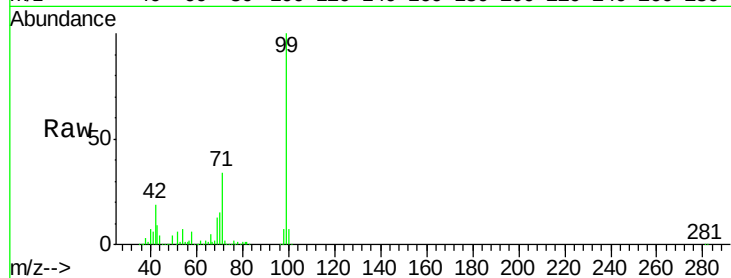
Tot Ion: 99 Resp: 966014

Ion Ratio Lower Upper

99 100

42 18.5 14.0 21.0

71 33.9 24.9 37.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF120713.D

Acq: 26 Jun 2020 17:15

Tgt Ion: 136 Resp: 419897

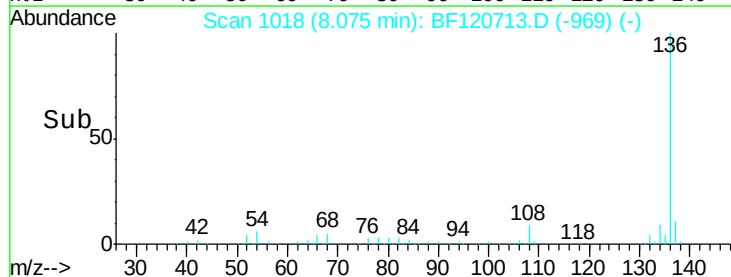
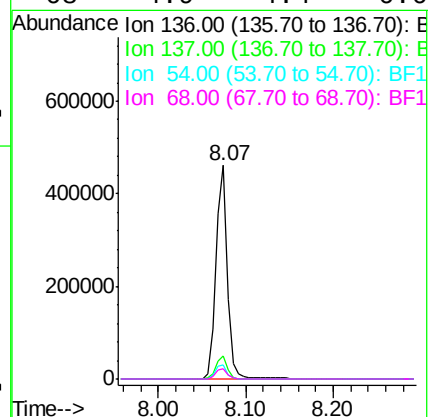
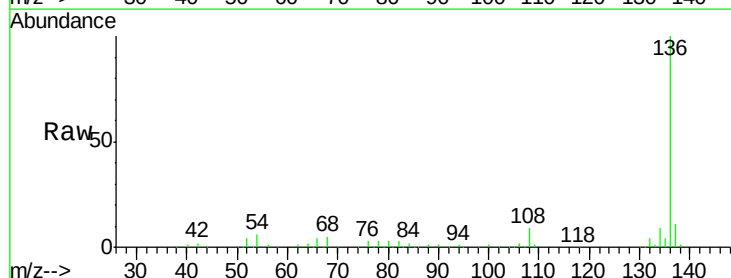
Ion Ratio Lower Upper

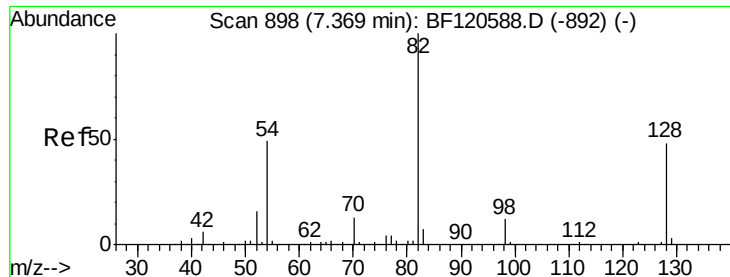
136 100

137 10.5 8.6 13.0

54 6.5 5.8 8.6

68 4.9 4.4 6.6

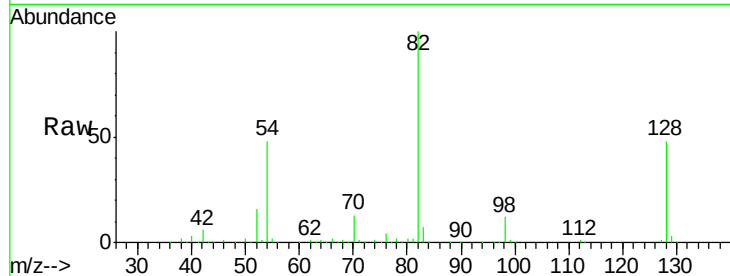




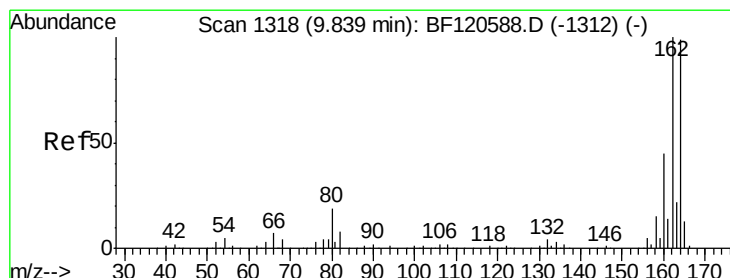
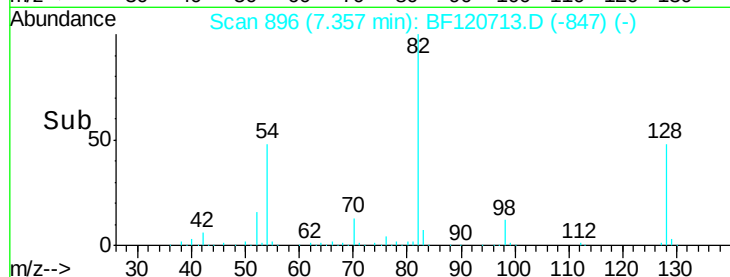
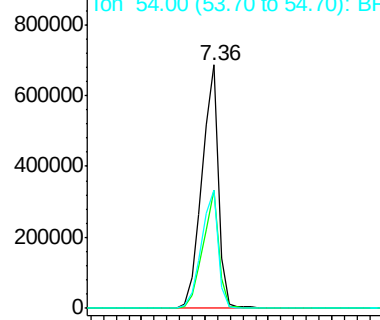
#23
 Nitrobenzene-d5
 Concen: 82.160 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF120713.D
 Acq: 26 Jun 2020 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB129807BL

Tot Ion	82	Resp	617189
Ion Ratio	Lower	Upper	
82	100		
128	48.3	38.0	57.0
54	48.4	38.8	58.2

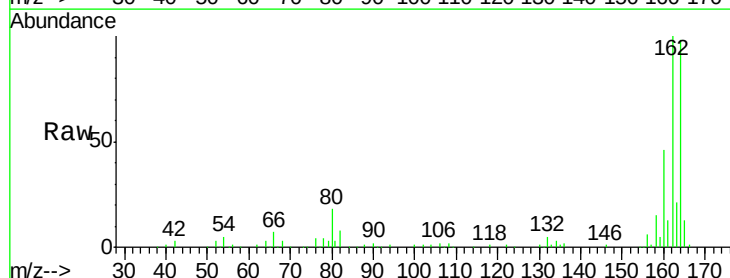


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

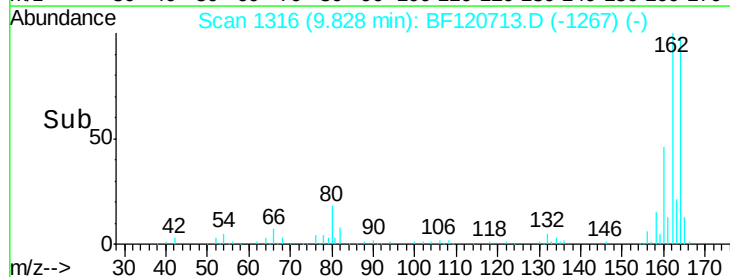
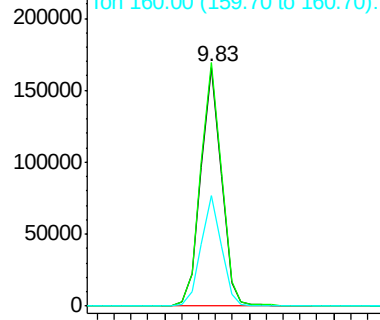


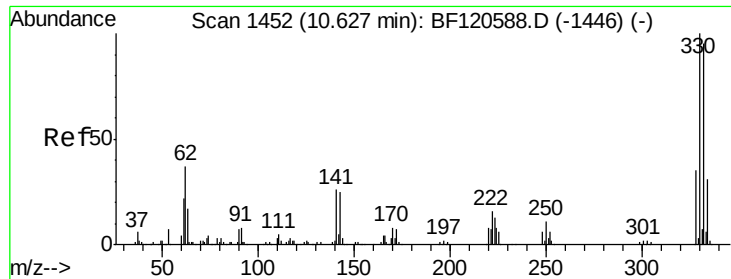
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF120713.D
 Acq: 26 Jun 2020 17:15

Tgt Ion	164	Resp	141404
Ion Ratio	Lower	Upper	
164	100		
162	102.0	80.6	120.8
160	46.4	36.2	54.2



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

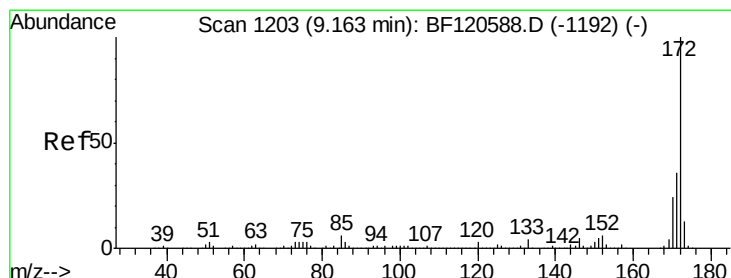
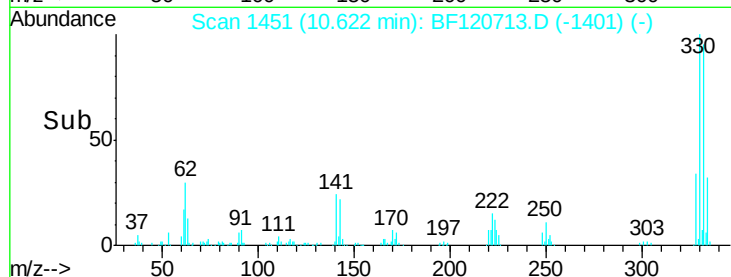
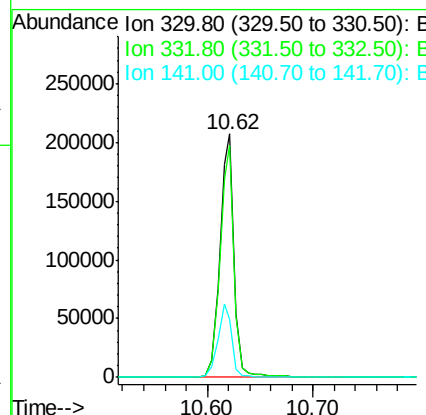
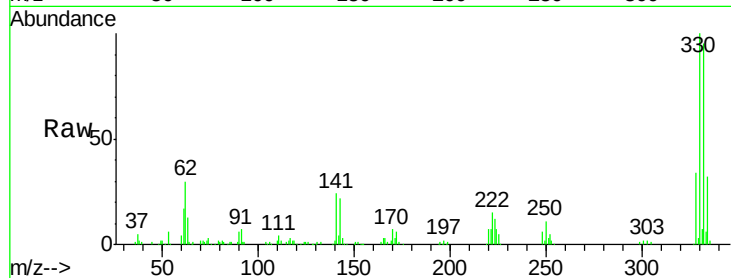




#42
 2,4,6-Tribromophenol
 Concen: 120.589 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120713.D
 Acq: 26 Jun 2020 17:15

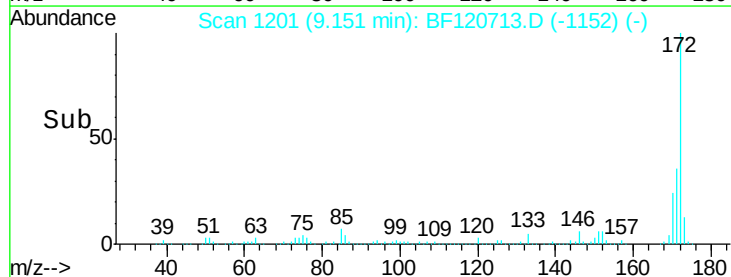
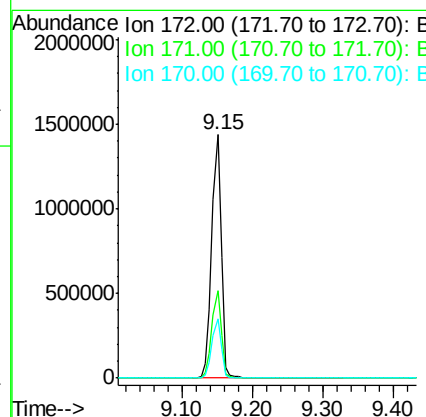
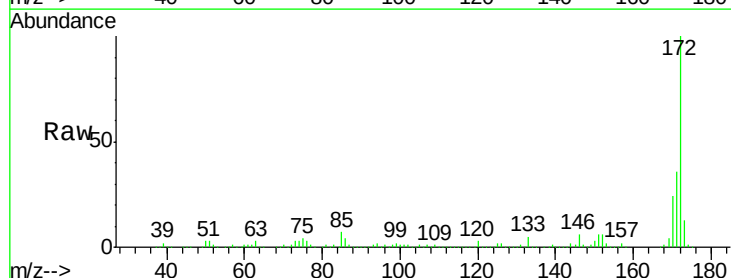
Instrument :
 BNA_F
 ClientSampled :
 PB129807BL

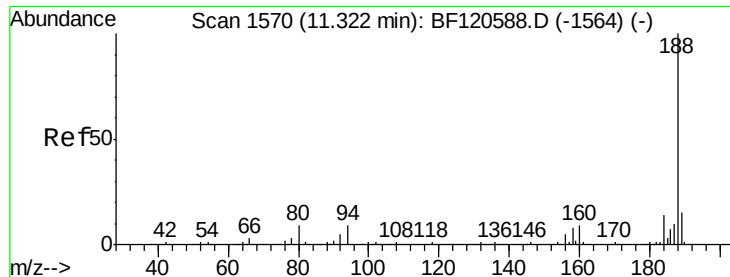
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.8	115.2
141	29.6	23.2	34.8



#45
 2-Fluorobiphenyl
 Concen: 147.181 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120713.D
 Acq: 26 Jun 2020 17:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.4	19.4	29.2

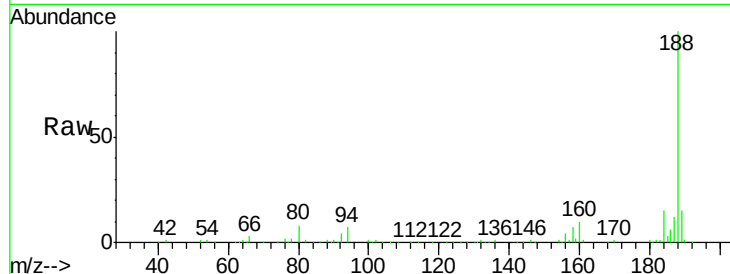




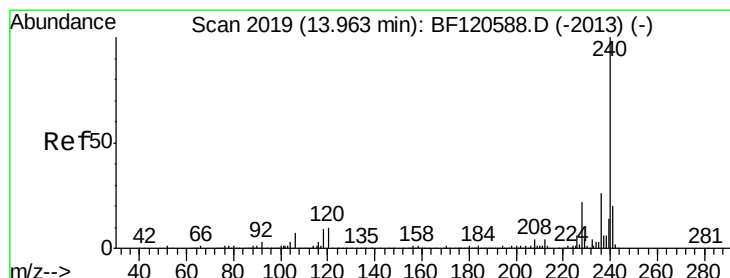
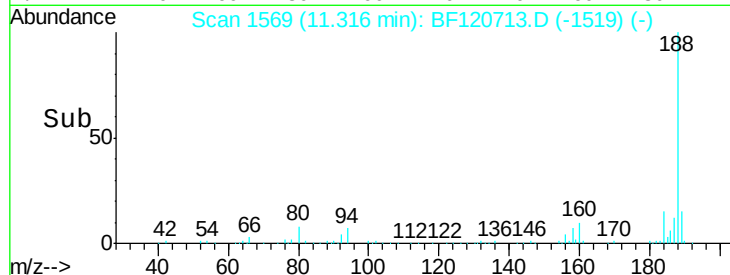
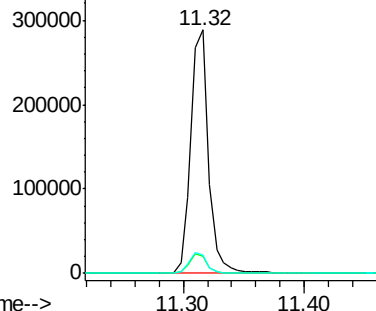
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120713.D
Acq: 26 Jun 2020 17:15

Instrument :
BNA_F
ClientSampleId :
PB129807BL

Tot Ion	188	Resp	291600
Ion Ratio	100	Lower	Upper
94	7.2	7.2	10.8#
80	7.7	7.4	11.2

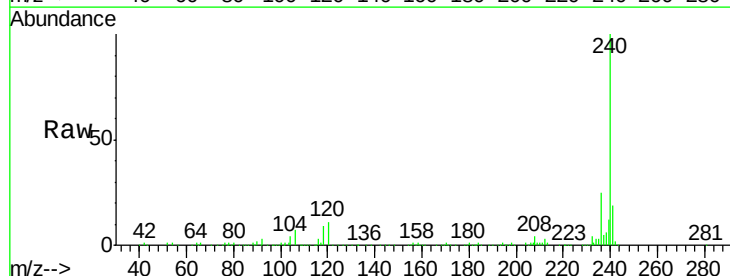


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

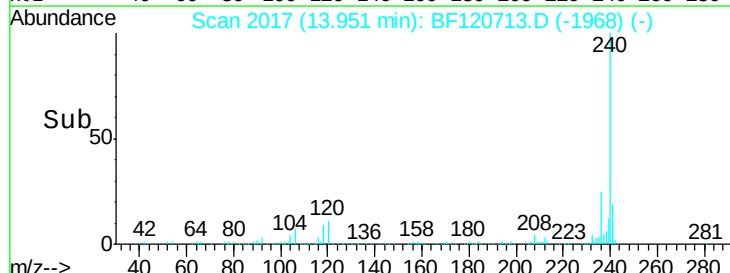
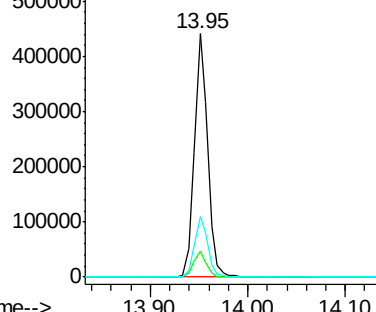


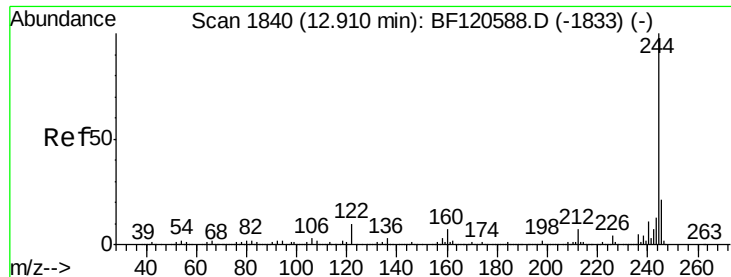
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120713.D
Acq: 26 Jun 2020 17:15

Tgt Ion	240	Resp	413600
Ion Ratio	100	Lower	Upper
120	10.6	8.3	12.5
236	25.0	21.0	31.4



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: 55.662 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120713.D

Acq: 26 Jun 2020 17:15

Instrument :

BNA_F

ClientSampleId :

PB129807BL

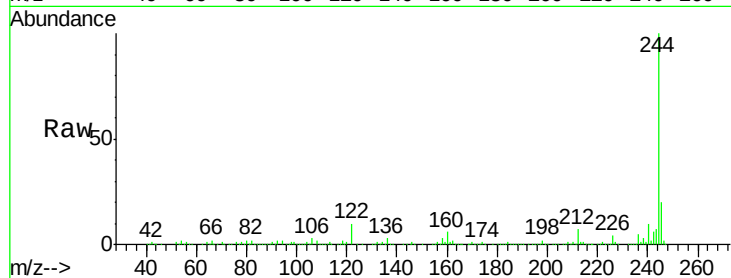
Tot Ion:244 Resp: 1042239

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

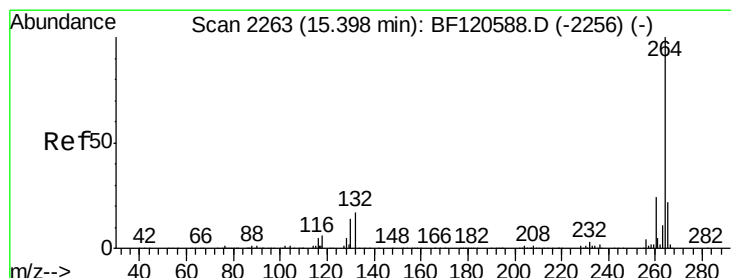
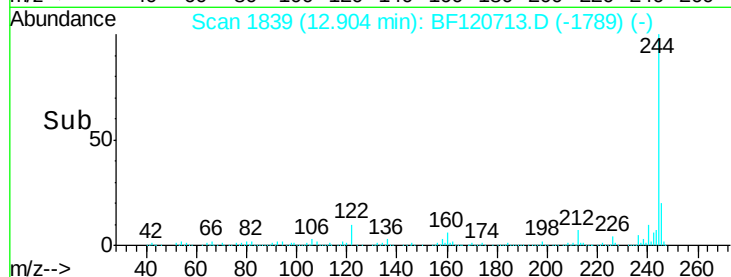
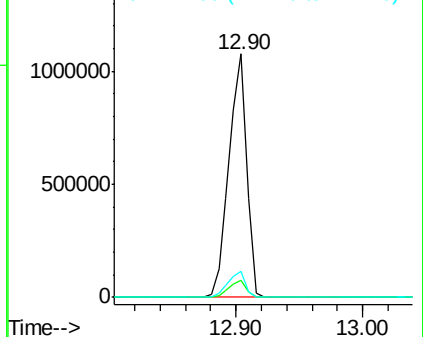
122 10.5 8.3 12.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF120713.D

Acq: 26 Jun 2020 17:15

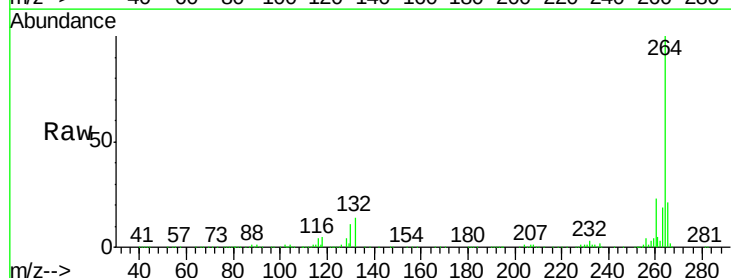
Tgt Ion:264 Resp: 455526

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 21.4 17.8 26.8



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

