

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120340.D
 Acq On : 18 May 2020 14:35
 Operator : MA/SJ
 Sample : PB128931BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BL

Quant Time: May 18 15:29:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	303792	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1214306	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	596235	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1141202	20.00	ng	0.00
76) Chrysene-d12	13.75	240	963291	20.00	ng	-0.01
87) Perylene-d12	15.14	264	811499	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	2215233	141.88	ng	0.00
7) Phenol-d6	6.26	99	2923542	148.07	ng	0.00
23) Nitrobenzene-d5	7.17	82	1815444	102.36	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	706752	145.38	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	3196953	110.16	ng	0.00
79) Terphenyl-d14	12.72	244	3351598	76.87	ng	0.00

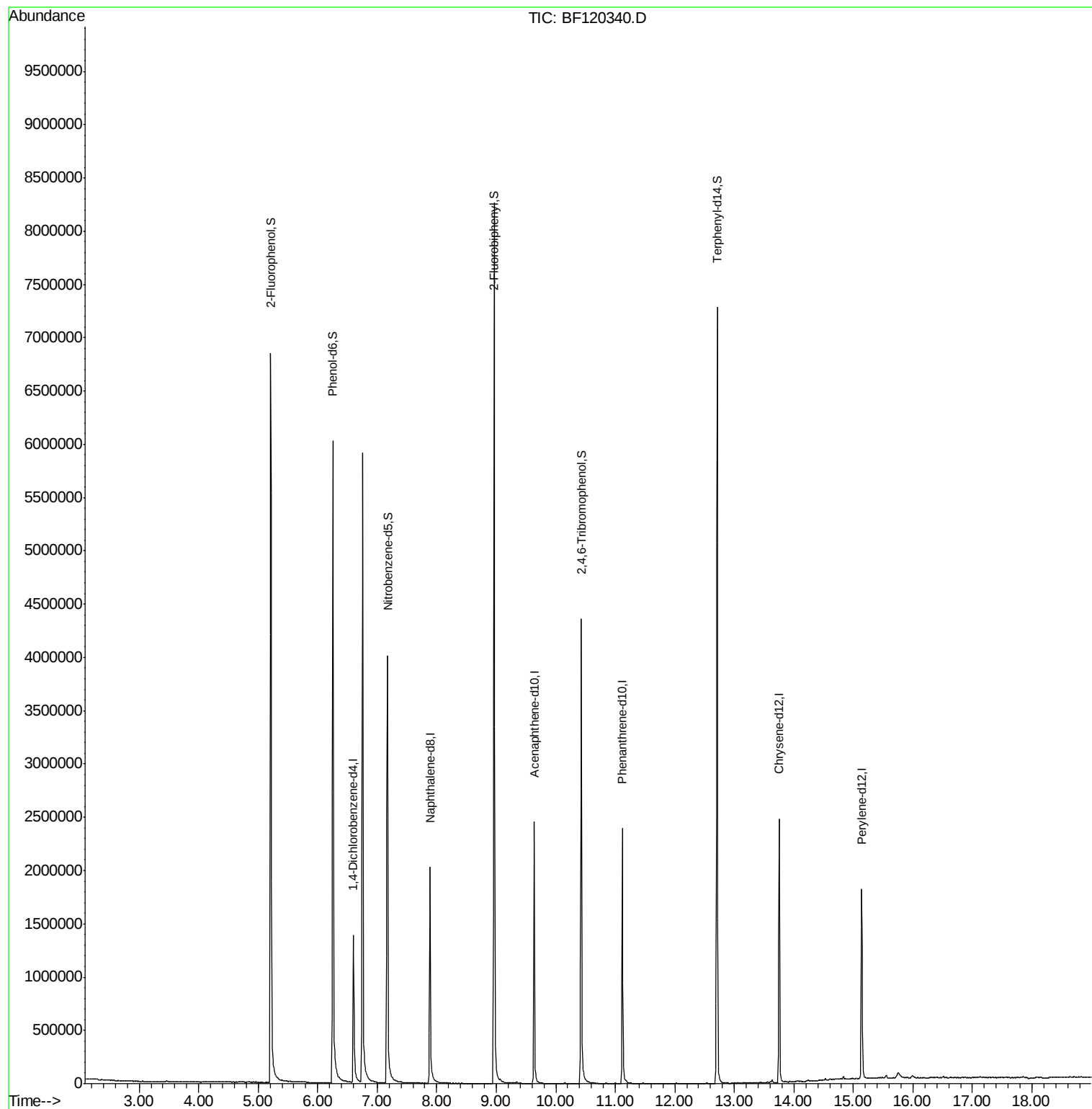
Target Compounds Qvalue

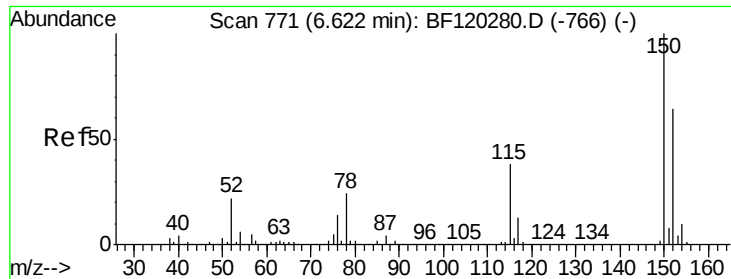
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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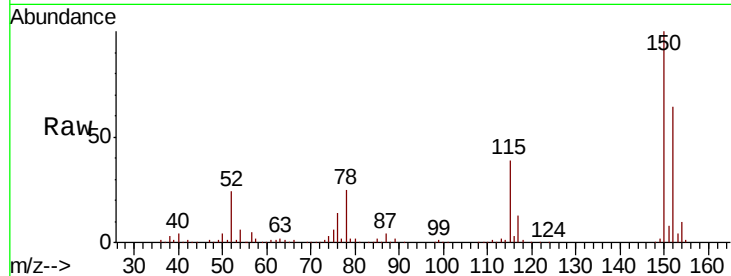


#1

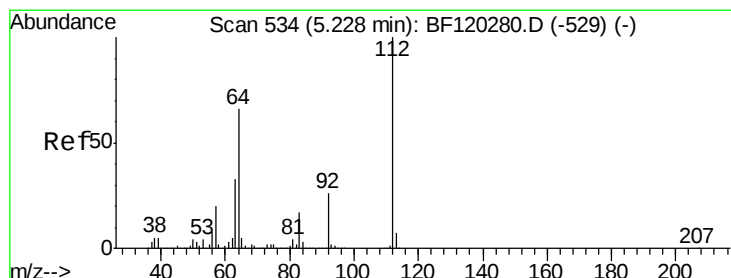
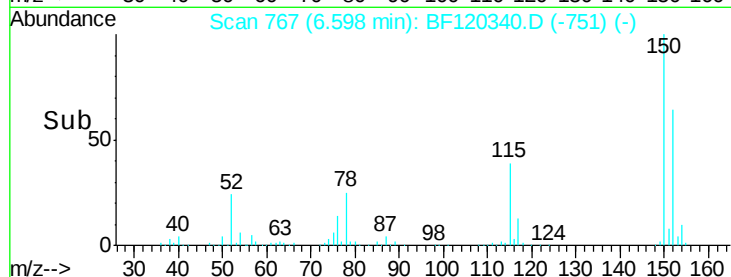
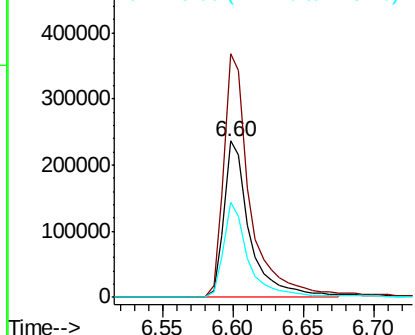
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF120340.D
Acq: 18 May 2020 14:35

Instrument :
BNA_F
ClientSampleId :
PB128931BL

Tot Ion:152 Resp: 303792
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 60.5 47.9 71.9



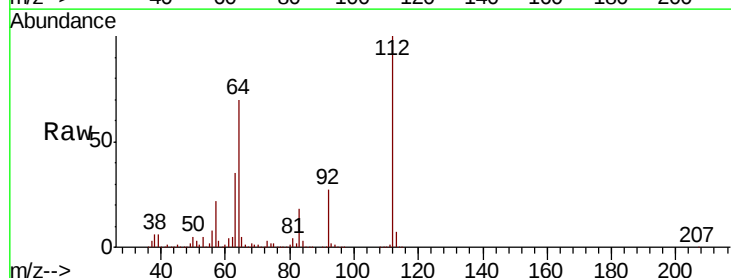
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



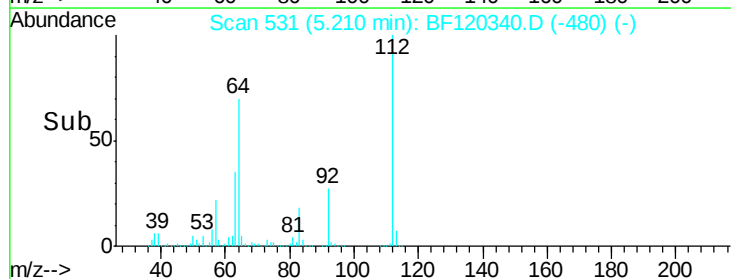
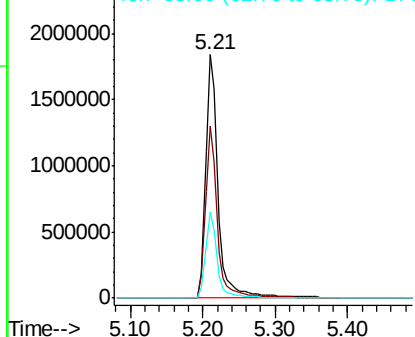
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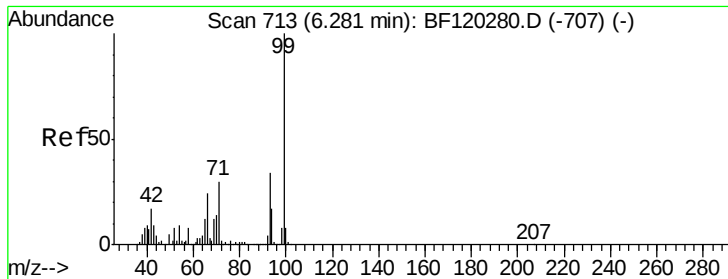
2-Fluorophenol
Concen: 141.880 ng
RT: 5.21 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF120340.D
Acq: 18 May 2020 14:35

Tgt Ion:112 Resp: 2215233
Ion Ratio Lower Upper
112 100
64 70.5 52.7 79.1
63 35.4 26.2 39.4



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: 148.067 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF120340.D

Acq: 18 May 2020 14:35

Instrument :

BNA_F

ClientSampleId :

PB128931BL

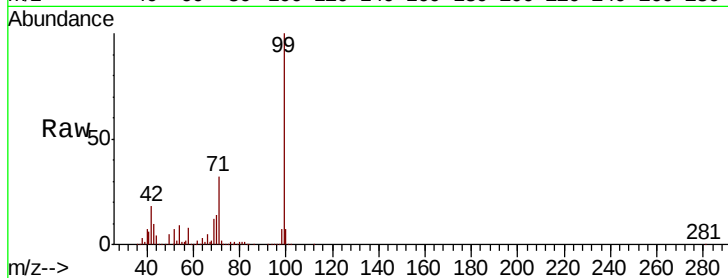
Tot Ion: 99 Resp: 2923542

Ion Ratio Lower Upper

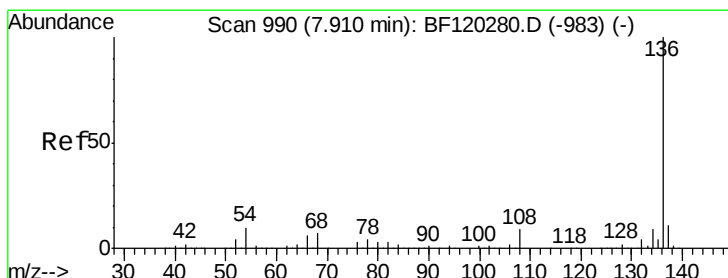
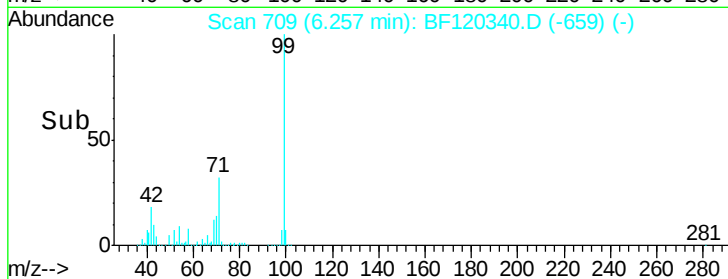
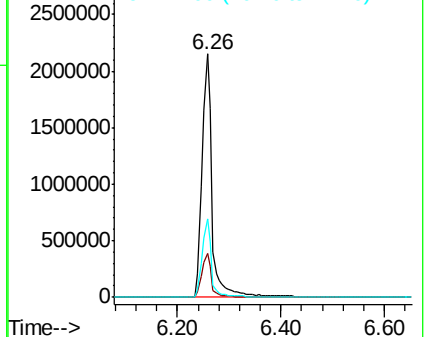
99 100

42 18.0 13.6 20.4

71 32.1 24.2 36.4



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: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF120340.D

Acq: 18 May 2020 14:35

Tgt Ion: 136 Resp: 1214306

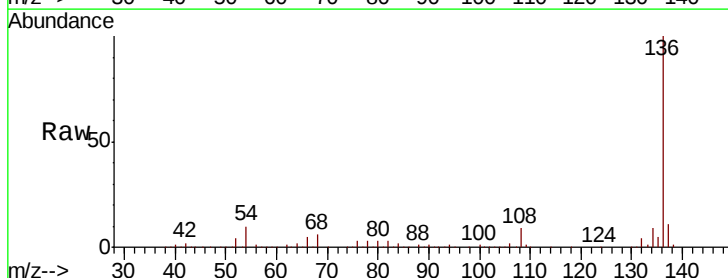
Ion Ratio Lower Upper

136 100

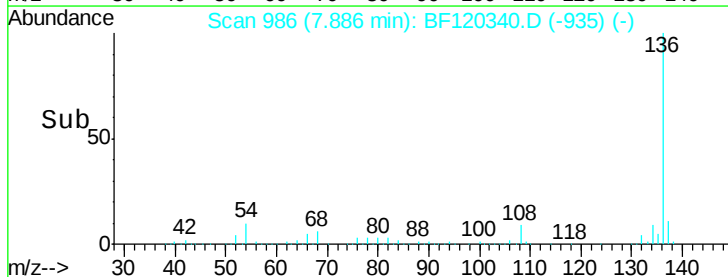
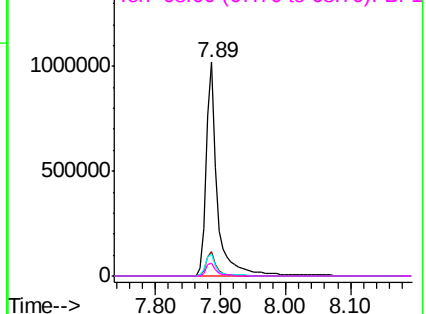
137 11.4 9.1 13.7

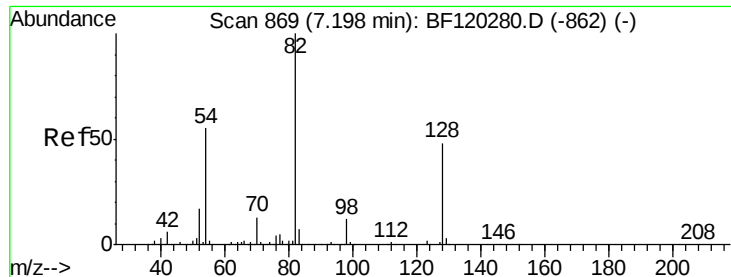
54 9.9 7.9 11.9

68 6.3 5.4 8.2



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

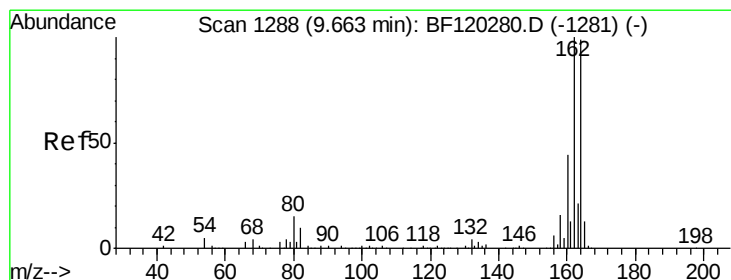
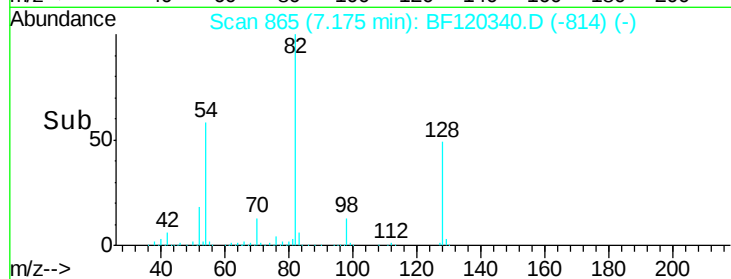
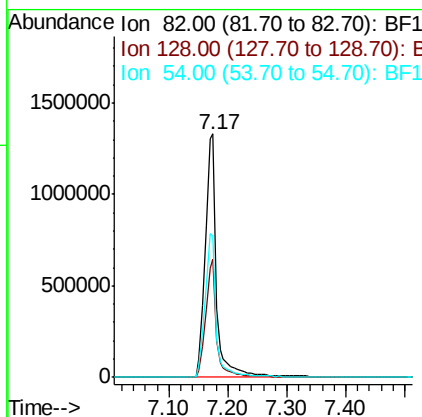
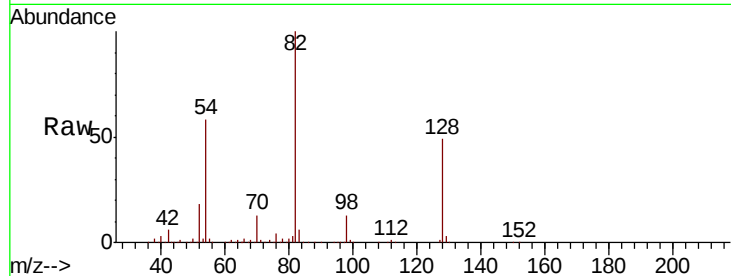




#23
Nitrobenzene-d5
Concen: 102.361 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF120340.D
Acq: 18 May 2020 14:35

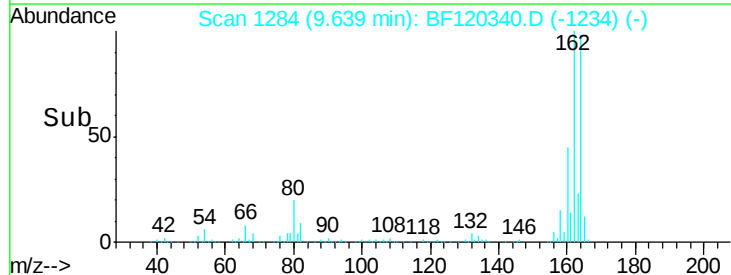
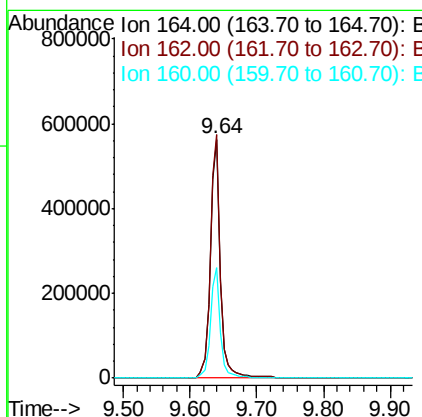
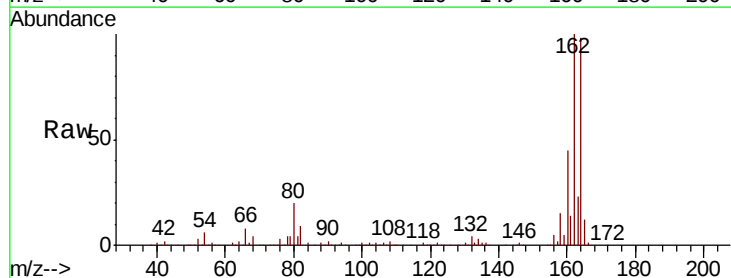
Instrument :
BNA_F
ClientSampleId :
PB128931BL

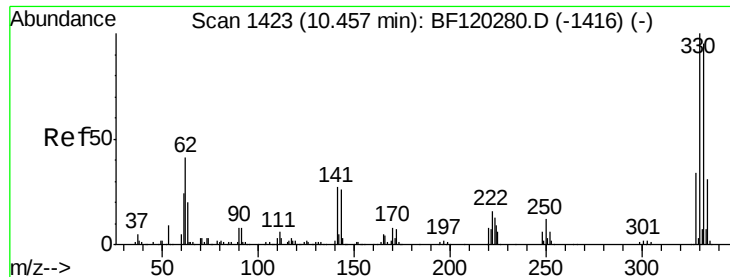
Tot Ion: 82 Resp: 1815444
Ion Ratio Lower Upper
82 100
128 48.8 38.3 57.5
54 58.0 43.9 65.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF120340.D
Acq: 18 May 2020 14:35

Tgt Ion:164 Resp: 596235
Ion Ratio Lower Upper
164 100
162 102.1 81.2 121.8
160 46.2 35.8 53.6

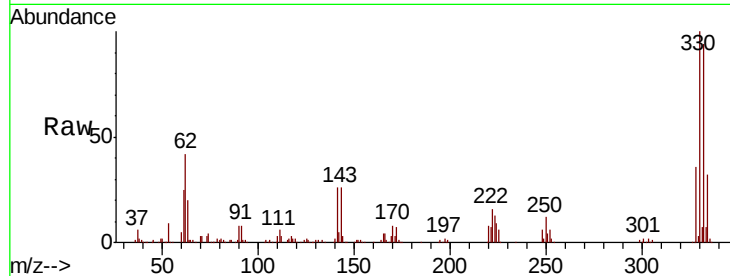




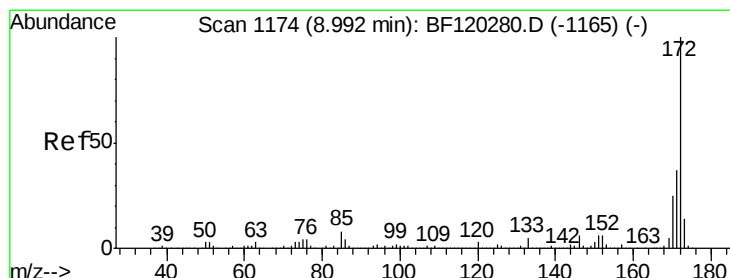
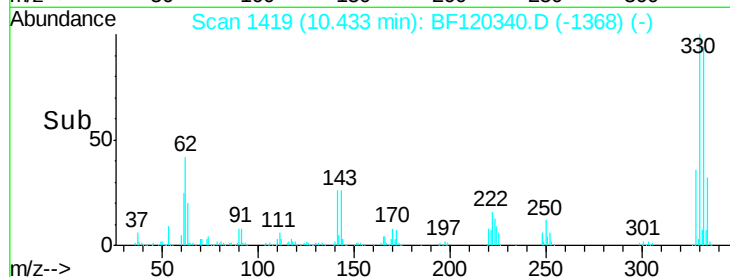
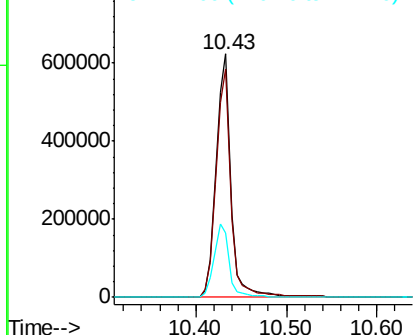
#42
 2,4,6-Tribromophenol
 Concen: 145.381 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF120340.D
 Acq: 18 May 2020 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB128931BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.5	114.7
141	31.5	25.4	38.0

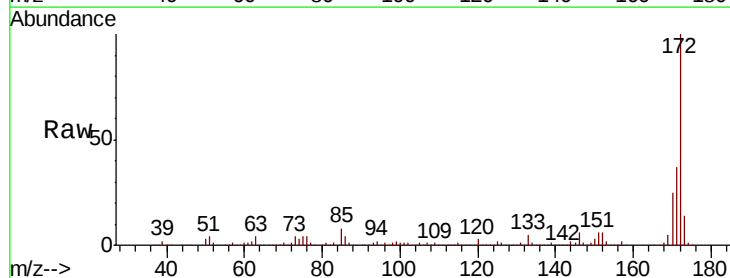


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

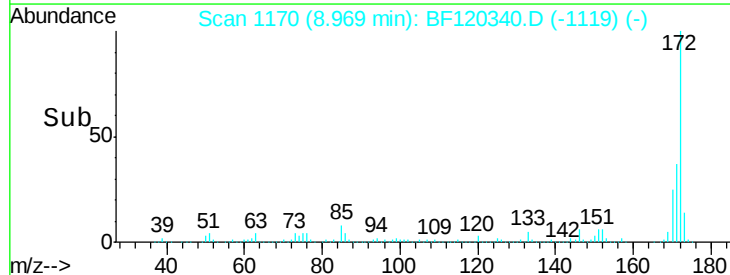
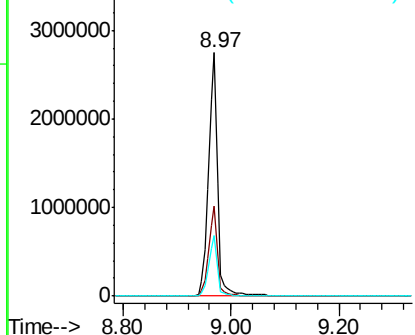


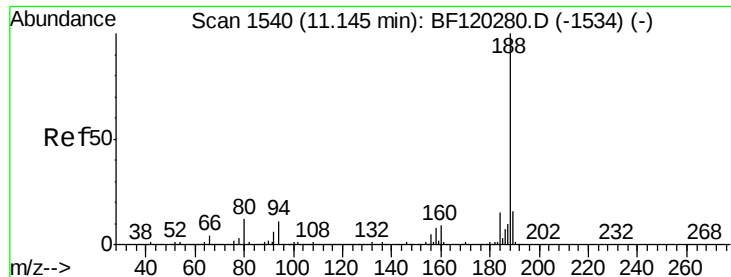
#45
 2-Fluorobiphenyl
 Concen: 110.159 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF120340.D
 Acq: 18 May 2020 14:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	25.1	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

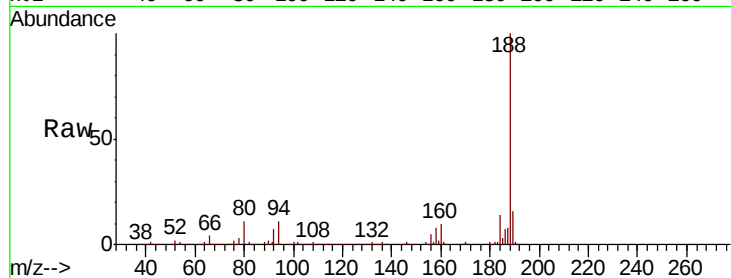




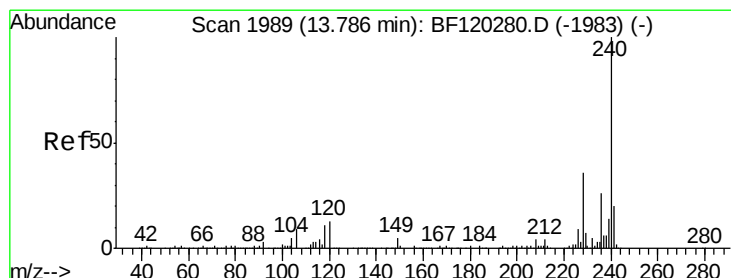
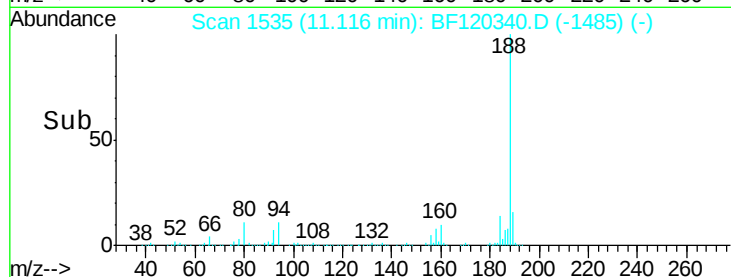
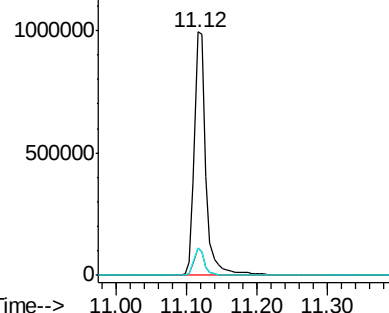
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF120340.D
Acq: 18 May 2020 14:35

Instrument :
BNA_F
ClientSampleId :
PB128931BL

Tot Ion:188 Resp: 1141202
Ion Ratio Lower Upper
188 100
94 11.2 8.6 13.0
80 11.4 9.2 13.8

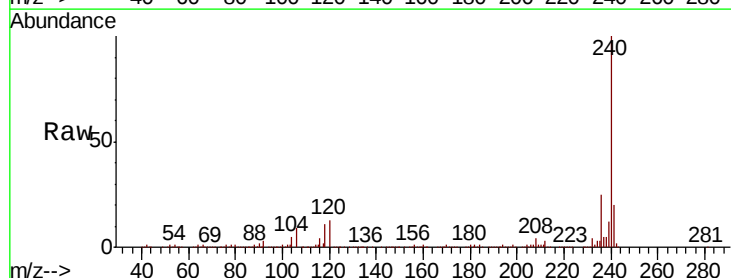


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

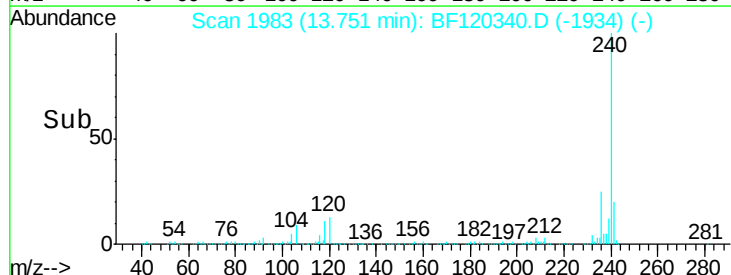
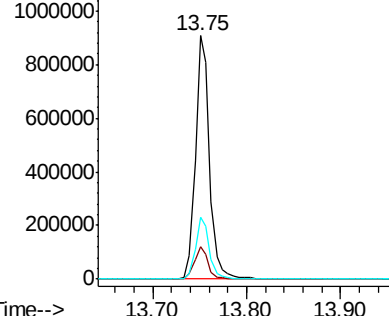


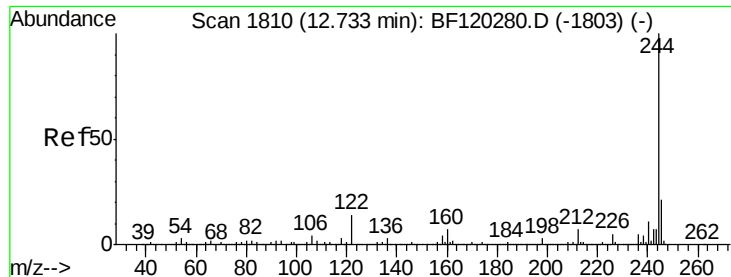
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.75 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BF120340.D
Acq: 18 May 2020 14:35

Tgt Ion:240 Resp: 963291
Ion Ratio Lower Upper
240 100
120 13.2 10.4 15.6
236 25.4 21.0 31.6



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: 76.866 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF120340.D

Acq: 18 May 2020 14:35

Instrument :

BNA_F

ClientSampleId :

PB128931BL

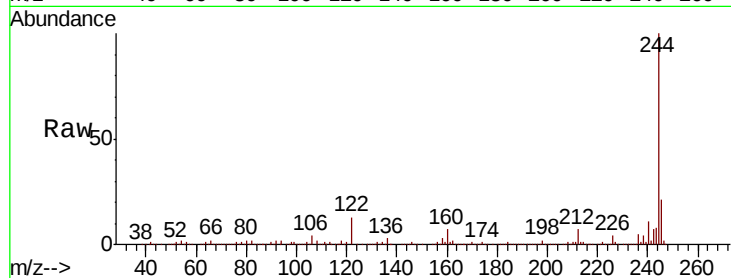
Tot Ion:244 Resp: 3351598

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

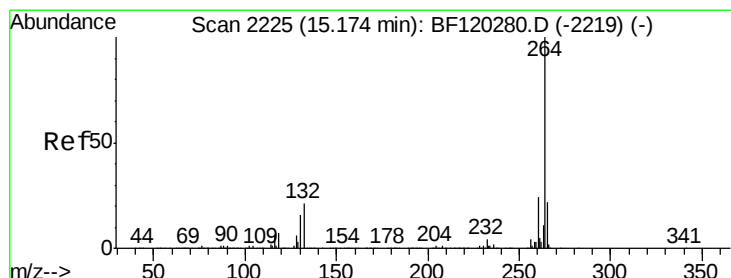
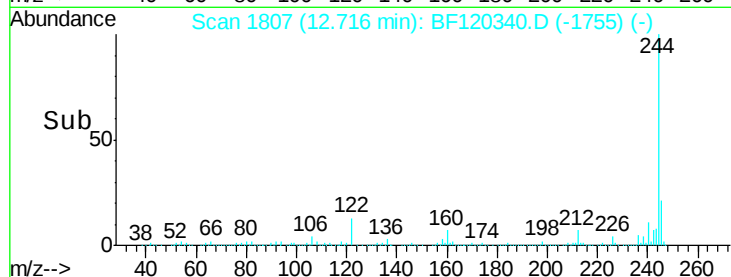
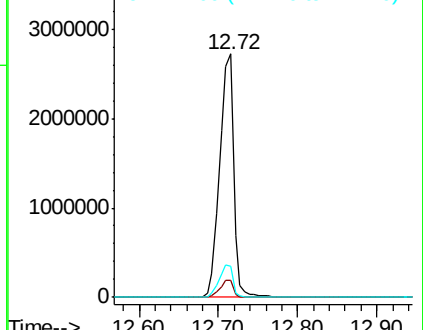
122 12.5 10.8 16.2



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: 15.14 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BF120340.D

Acq: 18 May 2020 14:35

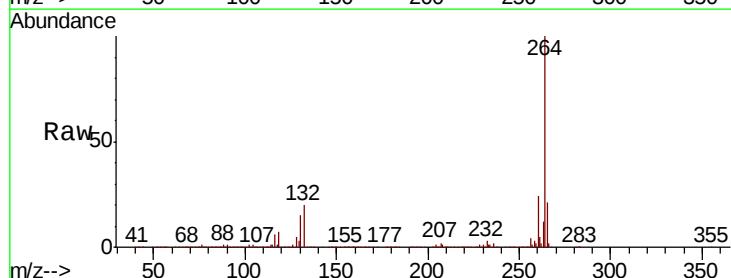
Tgt Ion:264 Resp: 811499

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 20.6 17.5 26.3



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

