

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
 Data File : BF120379.D
 Acq On : 21 May 2020 14:25
 Operator : MA/SJ
 Sample : PB129032BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129032BL

Quant Time: May 21 15:02:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 14:56:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	216271	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	864323	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	425030	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	828644	20.00	ng	0.00
76) Chrysene-d12	13.74	240	674192	20.00	ng	0.00
87) Perylene-d12	15.13	264	598547	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1461778	131.51	ng	0.00
7) Phenol-d6	6.25	99	1813885	129.04	ng	0.00
23) Nitrobenzene-d5	7.16	82	1108815	87.83	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	438882	126.64	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2047865	98.99	ng	0.00
79) Terphenyl-d14	12.70	244	2231064	73.11	ng	0.00

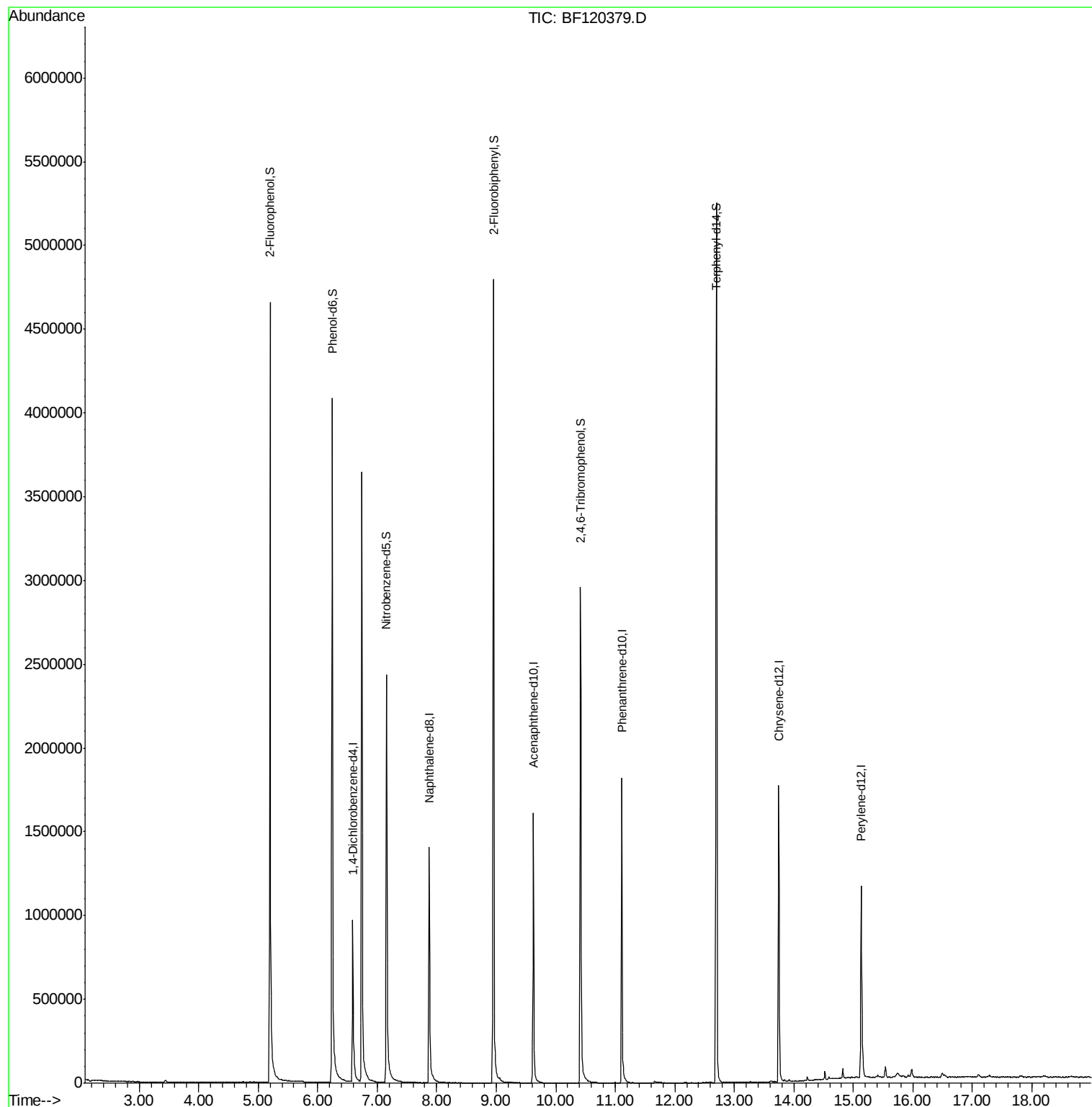
Target Compounds Qvalue

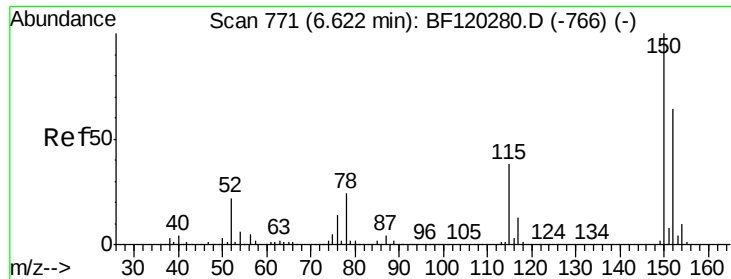
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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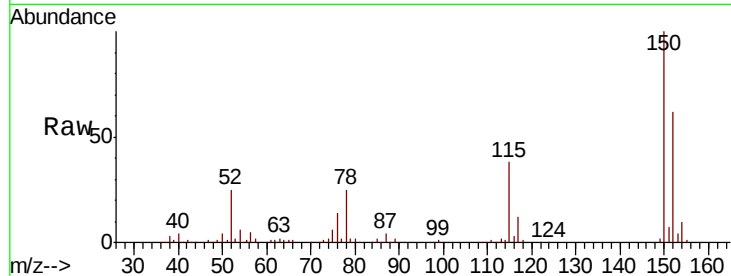


#1

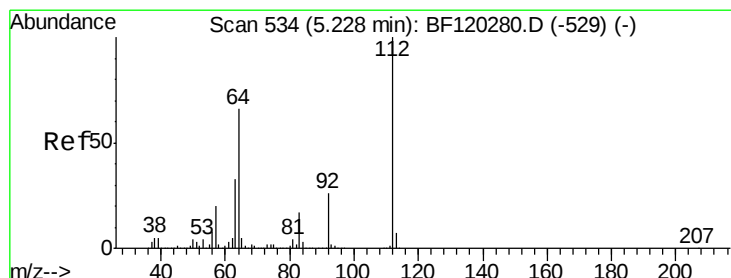
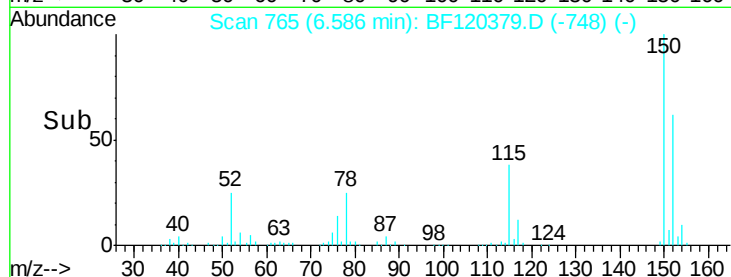
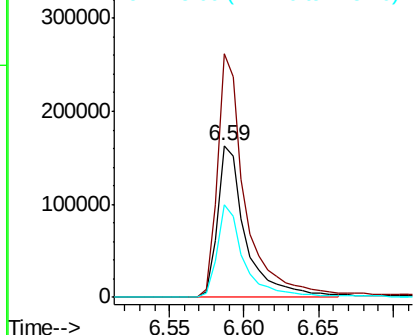
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120379.D
Acq: 21 May 2020 14:25

Instrument :
BNA_F
ClientSampleId :
PB129032BL

Tot Ion:152 Resp: 216271
Ion Ratio Lower Upper
152 100
150 160.2 126.2 189.2
115 61.2 47.9 71.9



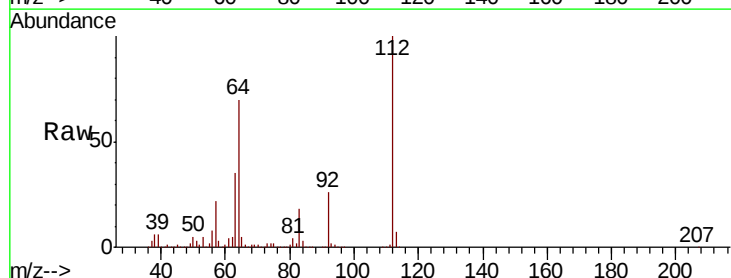
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



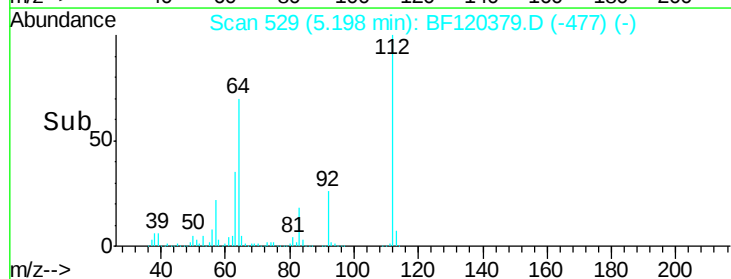
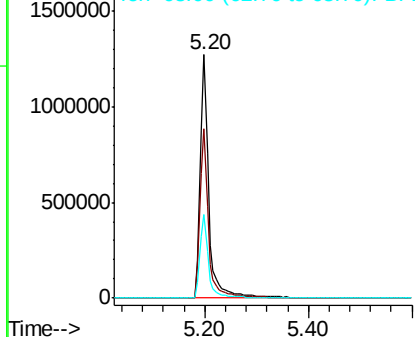
#5

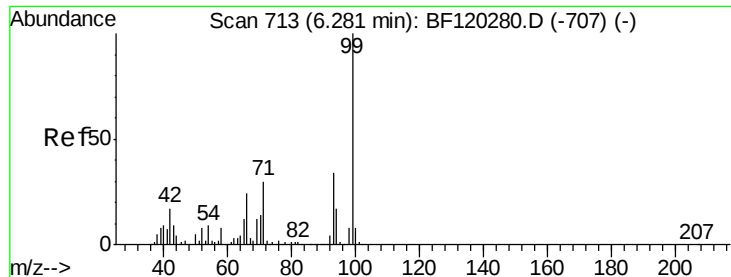
2-Fluorophenol
Concen: 131.510 ng
RT: 5.20 min Scan# 529
Delta R.T. 0.01 min
Lab File: BF120379.D
Acq: 21 May 2020 14:25

Tgt Ion:112 Resp: 1461778
Ion Ratio Lower Upper
112 100
64 69.6 52.7 79.1
63 34.6 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: 129.044 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF120379.D

Acq: 21 May 2020 14:25

Instrument :

BNA_F

ClientSampleId :

PB129032BL

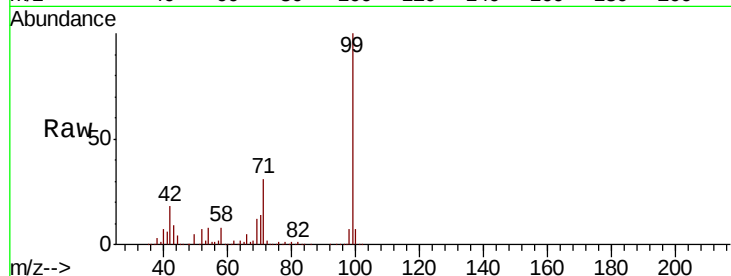
Tot Ion: 99 Resp: 1813885

Ion Ratio Lower Upper

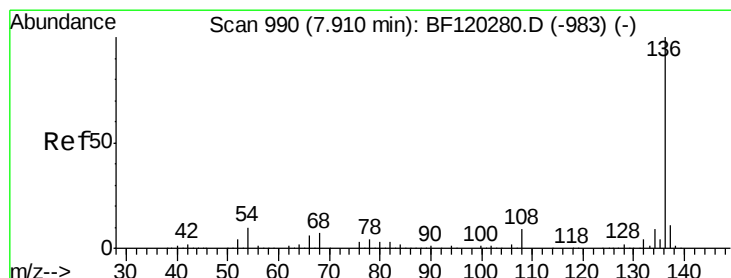
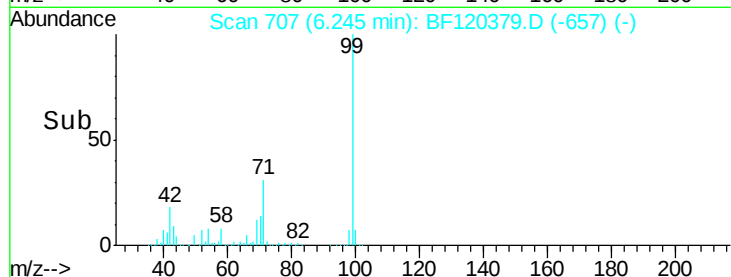
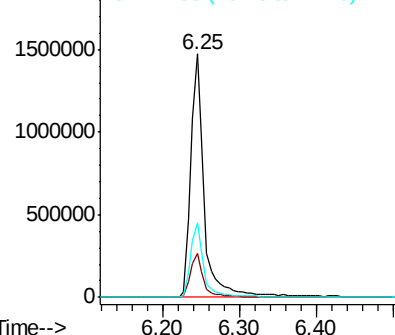
99 100

42 18.3 13.6 20.4

71 30.7 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000 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: 7.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BF120379.D

Acq: 21 May 2020 14:25

Tgt Ion: 136 Resp: 864323

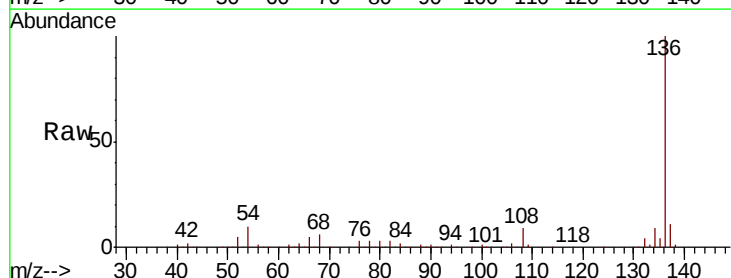
Ion Ratio Lower Upper

136 100

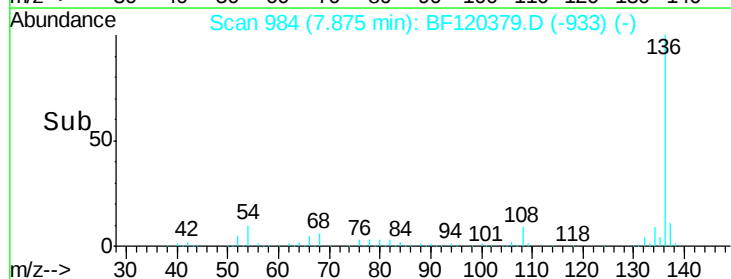
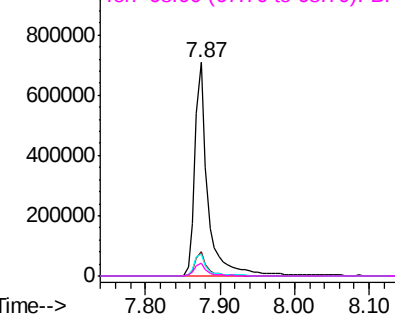
137 11.2 9.1 13.7

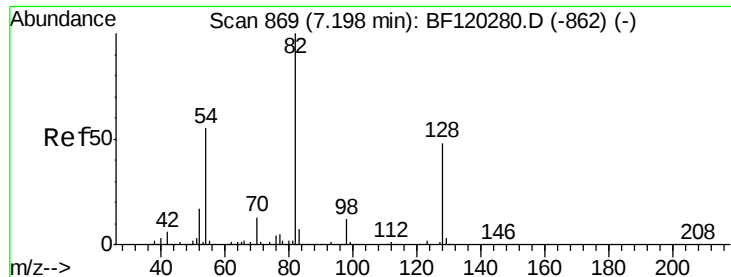
54 10.2 7.9 11.9

68 5.8 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

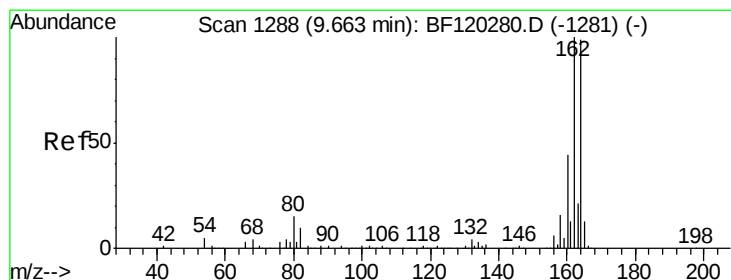
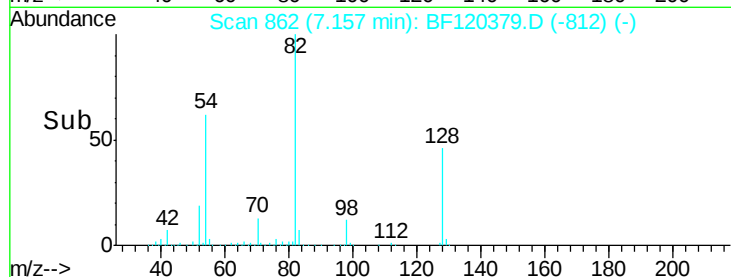
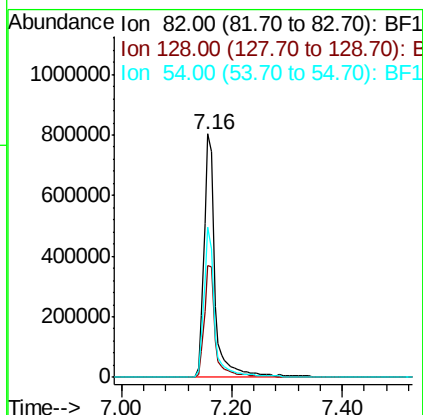
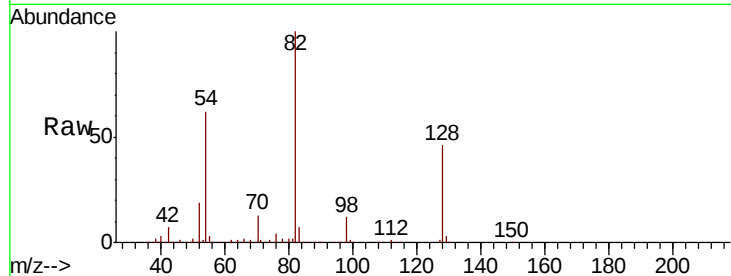




#23
Nitrobenzene-d5
Concen: 87.834 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF120379.D
Acq: 21 May 2020 14:25

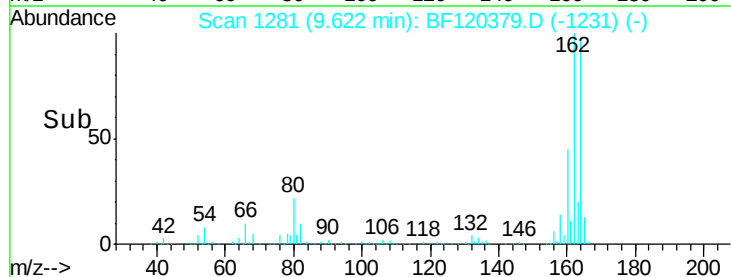
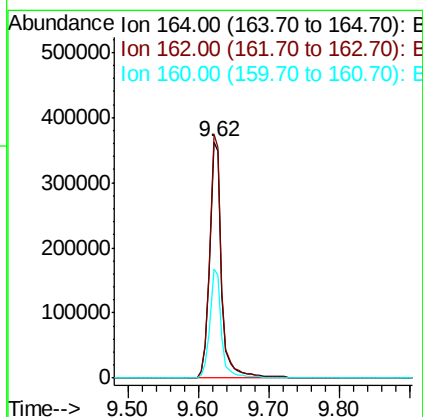
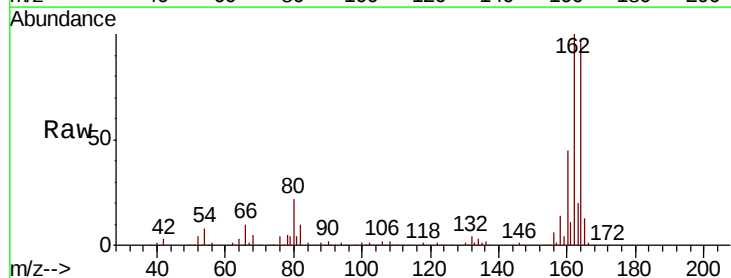
Instrument :
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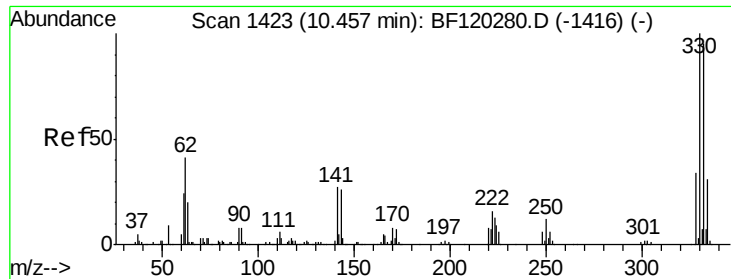
Tot Ion: 82 Resp: 1108815
Ion Ratio Lower Upper
82 100
128 46.2 38.3 57.5
54 61.6 43.9 65.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF120379.D
Acq: 21 May 2020 14:25

Tgt Ion: 164 Resp: 425030
Ion Ratio Lower Upper
164 100
162 103.0 81.2 121.8
160 46.4 35.8 53.6

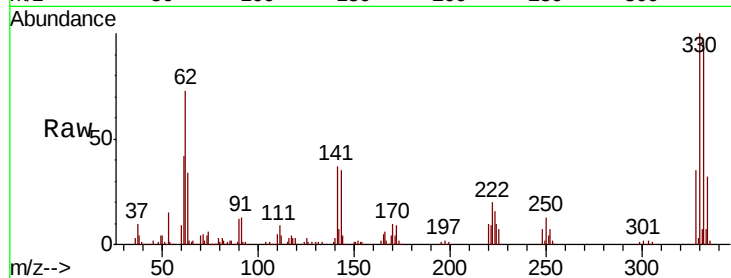




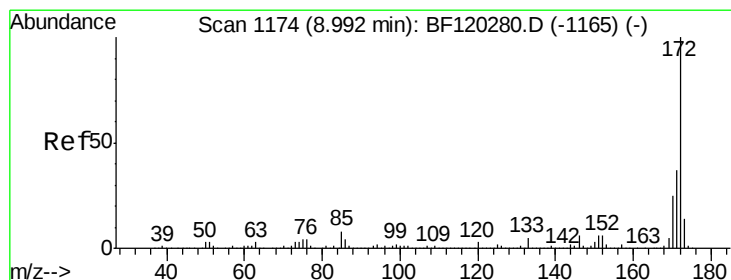
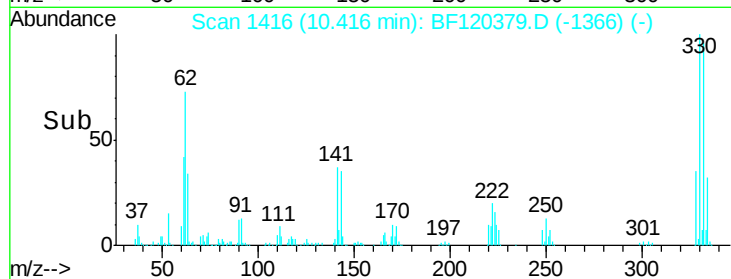
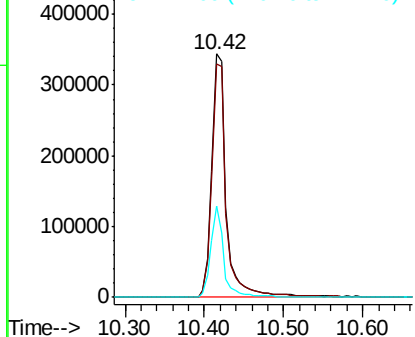
#42
 2,4,6-Tribromophenol
 Concen: 126.644 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF120379.D
 Acq: 21 May 2020 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB129032BL

Tot Ion:330 Resp: 438882
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.5 114.7
 141 33.8 25.4 38.0

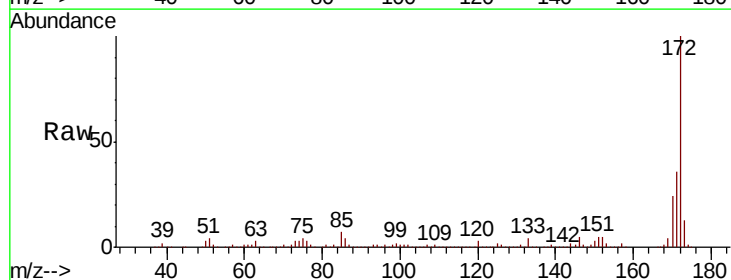


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

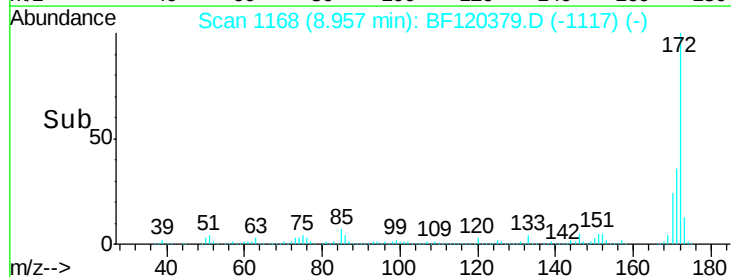
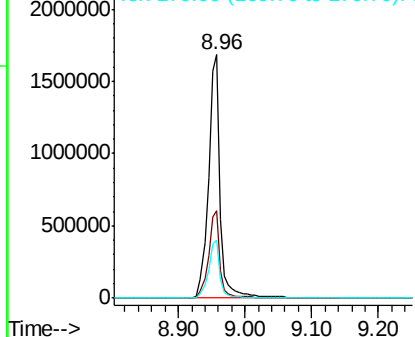


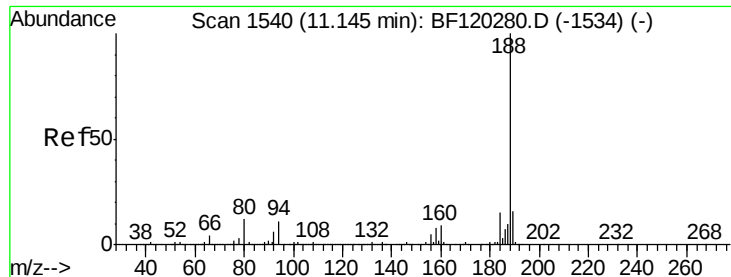
#45
 2-Fluorobiphenyl
 Concen: 98.988 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BF120379.D
 Acq: 21 May 2020 14:25

Tgt Ion:172 Resp: 2047865
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.8 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

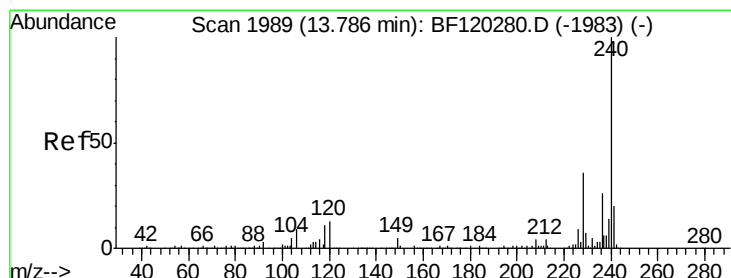
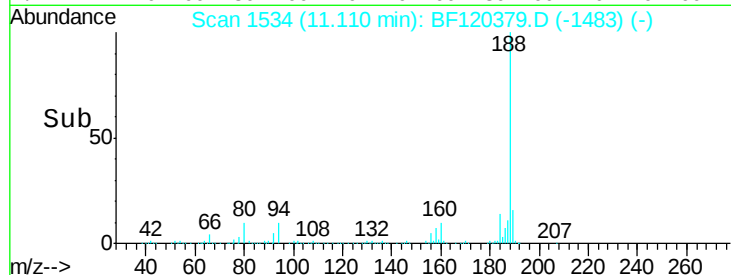
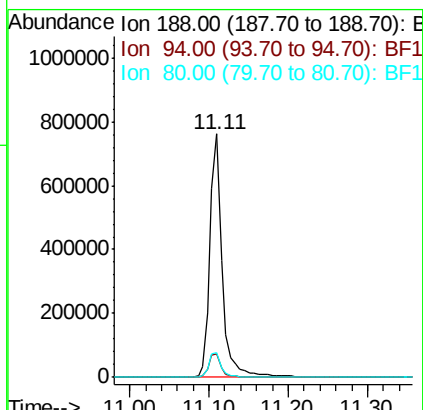
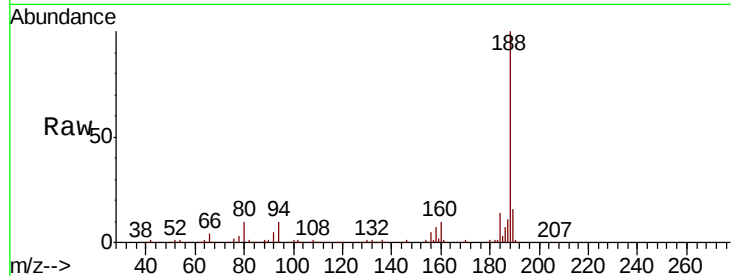




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF120379.D
Acq: 21 May 2020 14:25

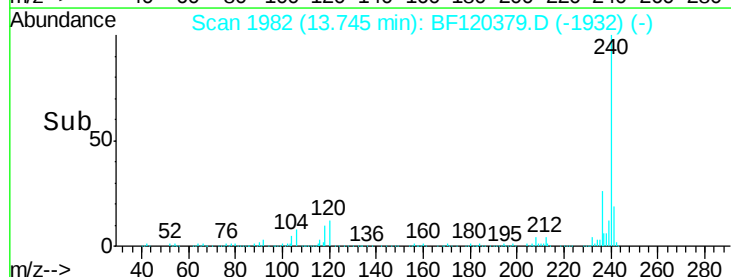
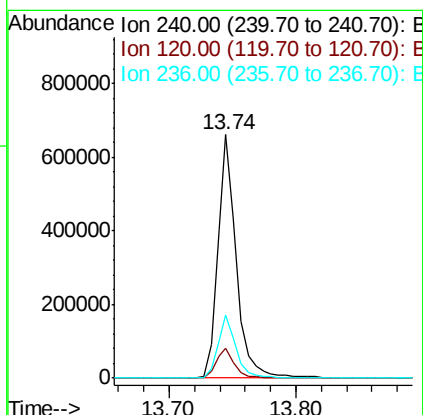
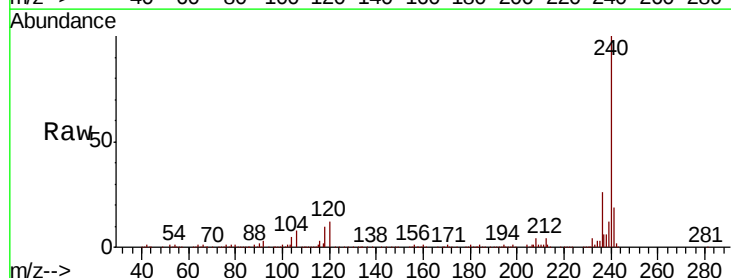
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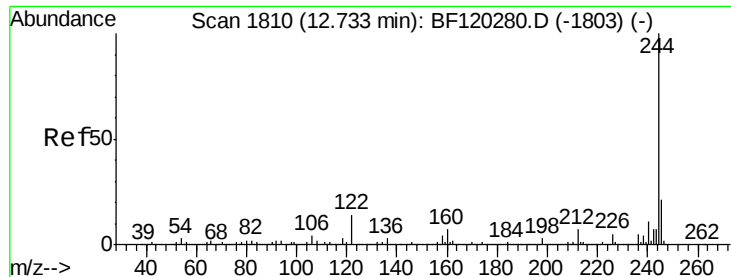
Tot Ion:188 Resp: 828644
Ion Ratio Lower Upper
188 100
94 9.8 8.6 13.0
80 10.1 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BF120379.D
Acq: 21 May 2020 14:25

Tgt Ion:240 Resp: 674192
Ion Ratio Lower Upper
240 100
120 12.0 10.4 15.6
236 26.0 21.0 31.6

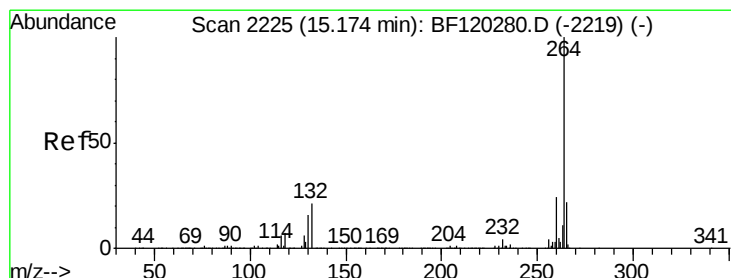
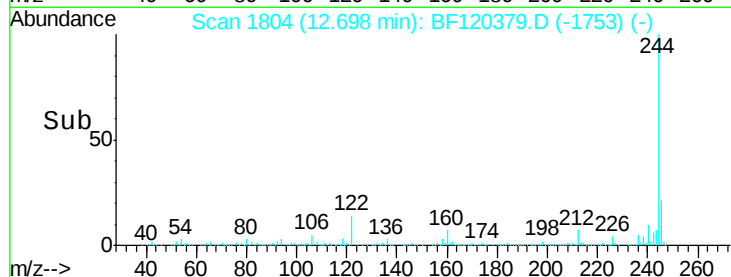
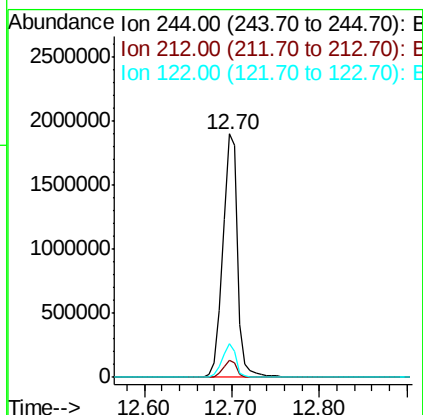
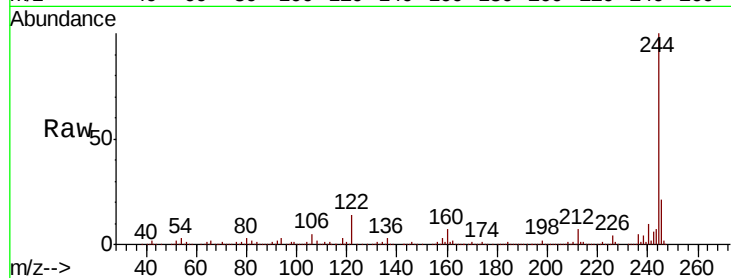




#79
 Terphenyl-d14
 Concen: 73.108 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF120379.D
 Acq: 21 May 2020 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB129032BL

Tot Ion:244 Resp: 2231064
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 14.0 10.8 16.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.13 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: BF120379.D
 Acq: 21 May 2020 14:25

Tgt Ion:264 Resp: 598547
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.0 17.5 26.3

