

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121149.D
 Acq On : 31 Jul 2020 10:39
 Operator : JU/CG
 Sample : PB130555BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130555BL

Quant Time: Jul 31 13:34:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	157318	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	611502	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	314596	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	612850	20.00	ng	0.00
76) Chrysene-d12	13.97	240	533596	20.00	ng	0.00
86) Perylene-d12	15.42	264	529965	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1057502	110.20	ng	0.01
7) Phenol-d6	6.44	99	1285841	103.73	ng	0.00
23) Nitrobenzene-d5	7.36	82	826733	78.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	374648	108.80	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1488443	70.64	ng	0.00
79) Terphenyl-d14	12.92	244	1497875	61.02	ng	0.00

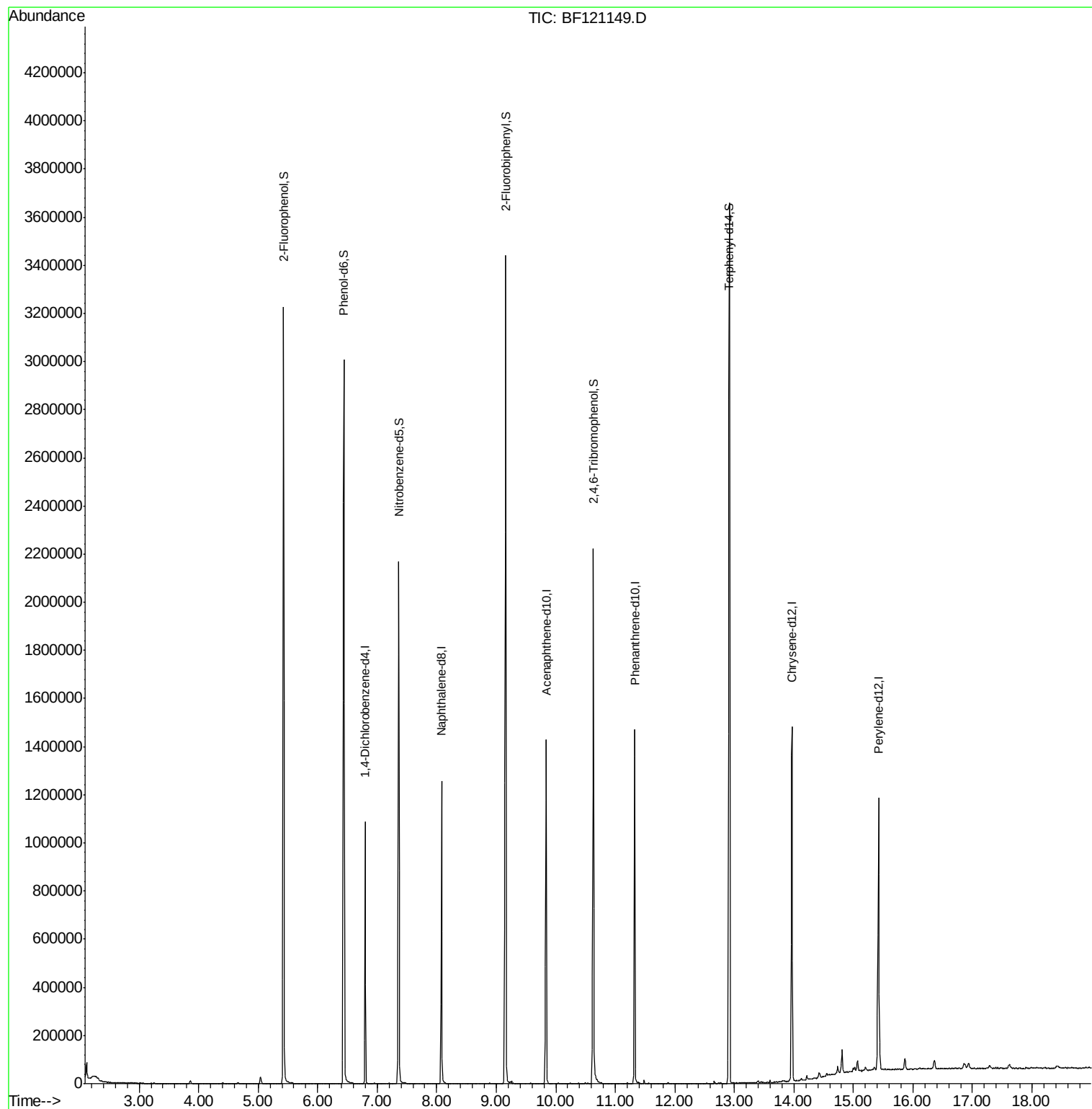
Target Compounds Qvalue

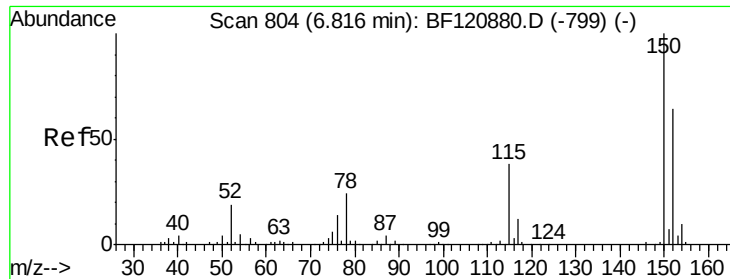
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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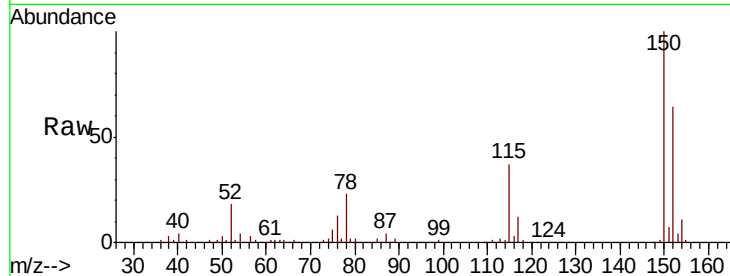


#1

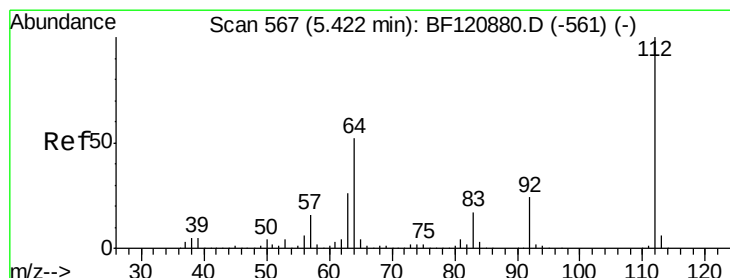
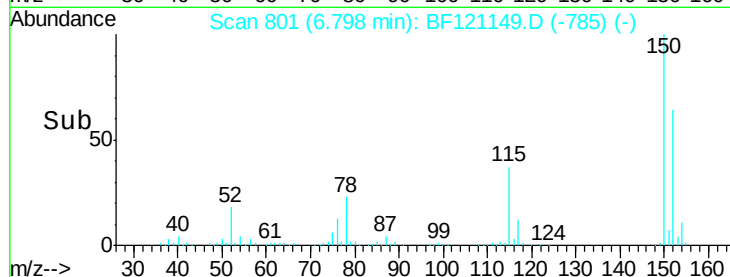
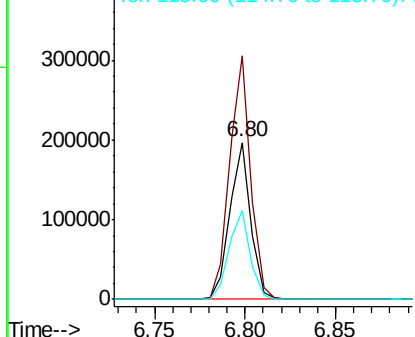
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Instrument :
BNA_F
ClientSampleId :
PB130555BL

Tot Ion:152 Resp: 157318
Ion Ratio Lower Upper
152 100
150 155.4 125.6 188.4
115 57.0 46.2 69.2



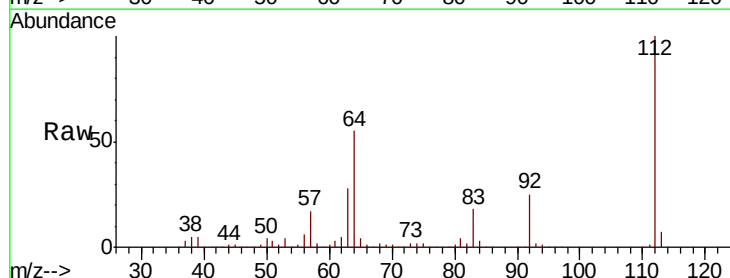
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



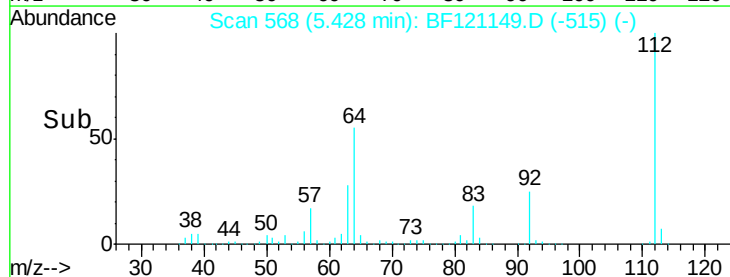
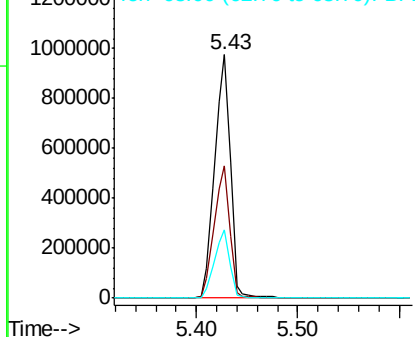
#5

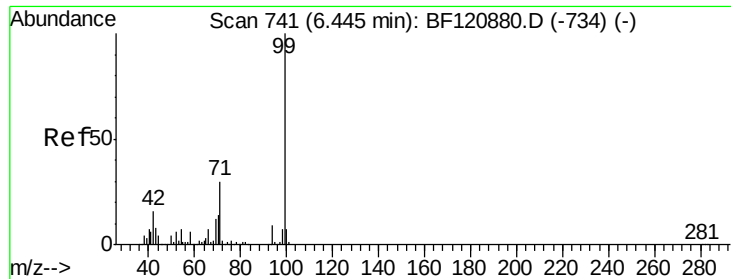
2-Fluorophenol
Concen: 110.199 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Tgt Ion:112 Resp: 1057502
Ion Ratio Lower Upper
112 100
64 54.6 43.9 65.9
63 28.3 22.7 34.1



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: 103.730 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121149.D

Acq: 31 Jul 2020 10:39

Instrument :

BNA_F

ClientSampleId :

PB130555BL

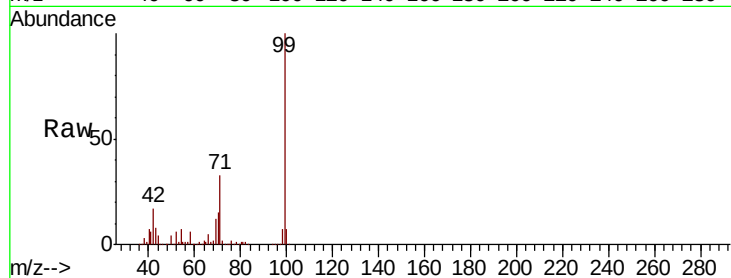
Tot Ion: 99 Resp: 1285841

Ion Ratio Lower Upper

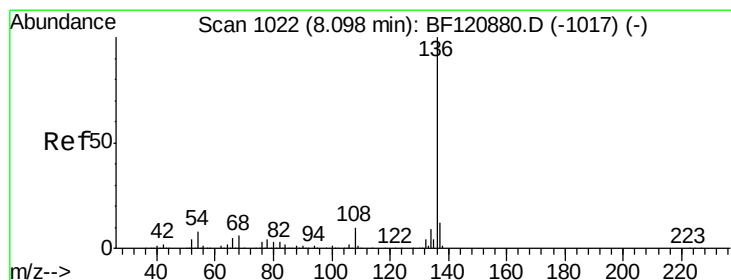
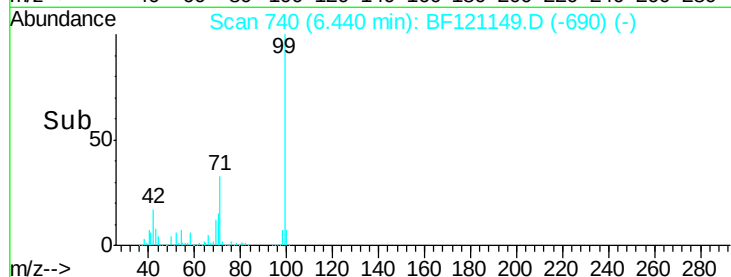
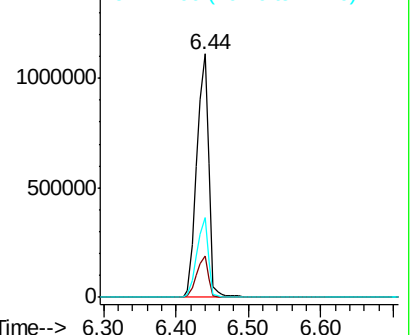
99 100

42 17.0 13.5 20.3

71 32.7 25.0 37.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000
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: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121149.D

Acq: 31 Jul 2020 10:39

Tgt Ion: 136 Resp: 611502

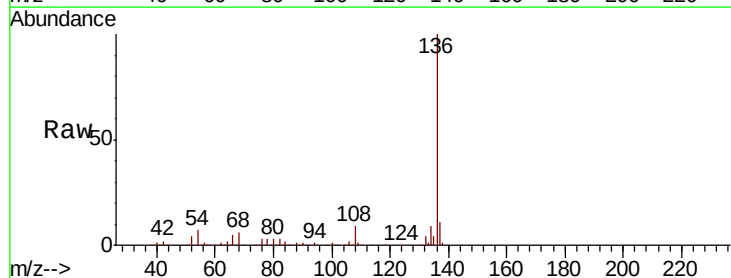
Ion Ratio Lower Upper

136 100

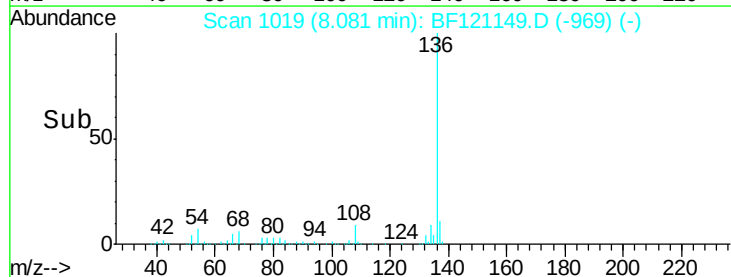
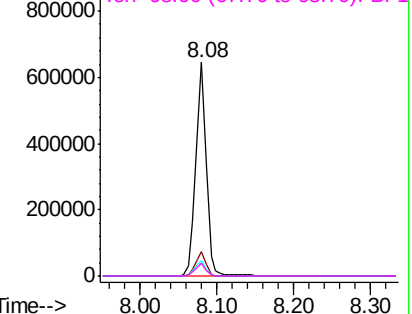
137 11.1 9.0 13.4

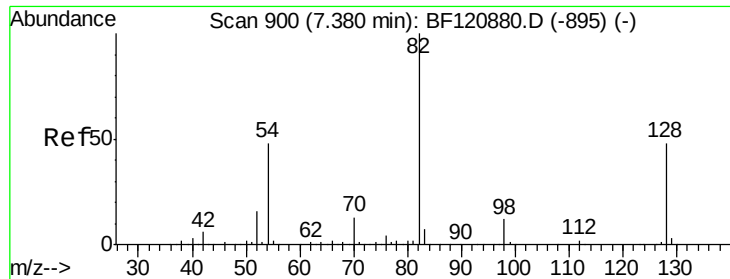
54 7.3 6.1 9.1

68 5.7 5.0 7.6



Abundance Ion 136.00 (135.70 to 136.70): E
1000000
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

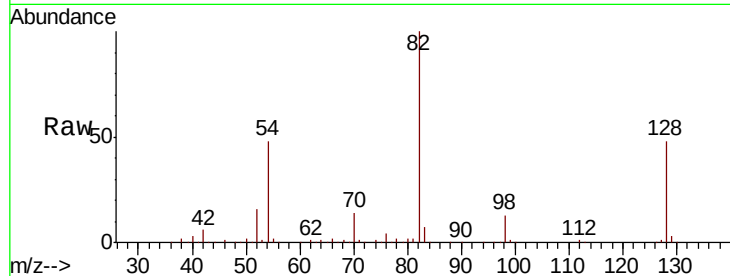




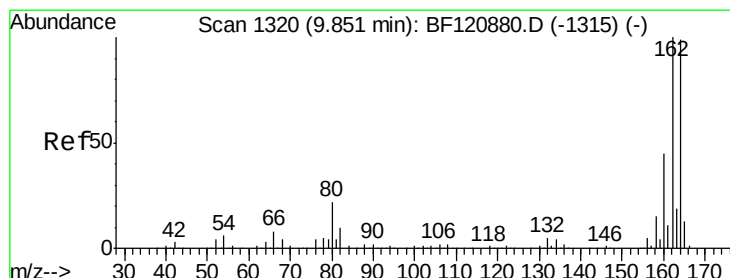
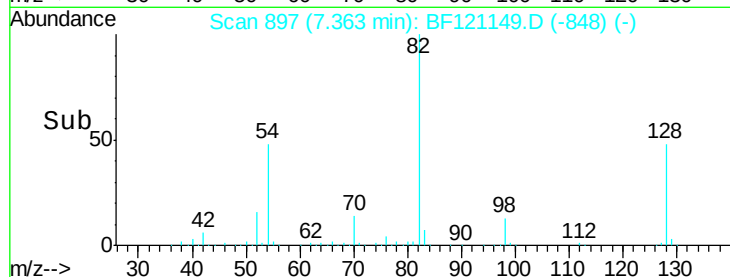
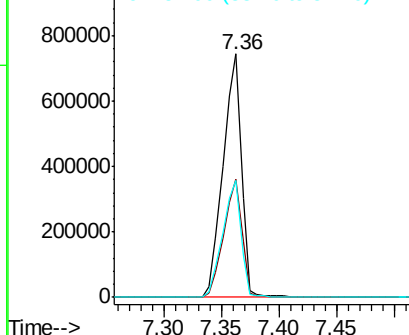
#23
 Nitrobenzene-d5
 Concen: 78.229 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121149.D
 Acq: 31 Jul 2020 10:39

Instrument :
 BNA_F
 ClientSampleID :
 PB130555BL

Tot Ion	82	Resp	826733
Ion Ratio	100		
Lower	39.2		
Upper	58.8		
128	48.4		
54	48.0		
	37.8		

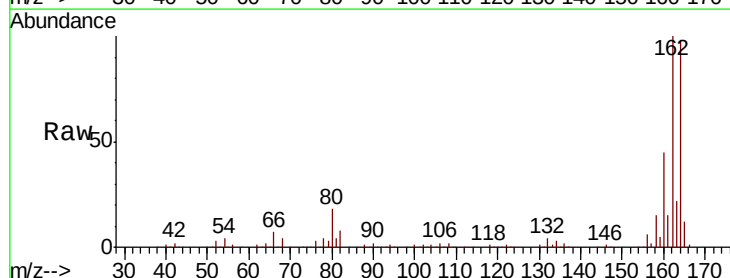


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

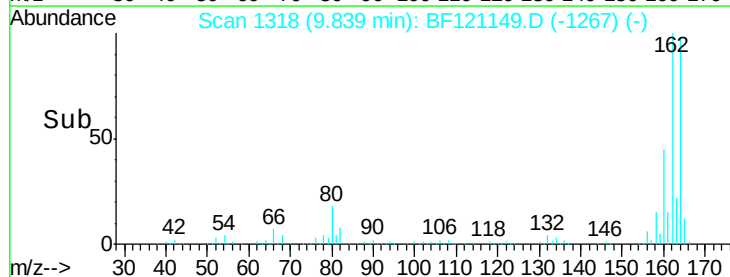
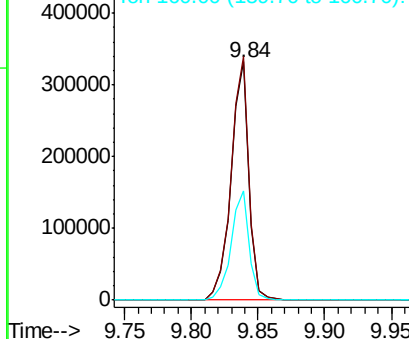


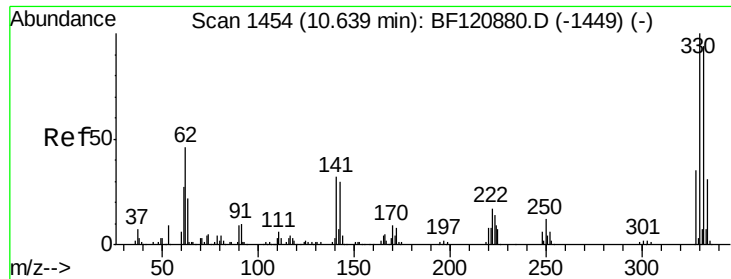
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF121149.D
 Acq: 31 Jul 2020 10:39

Tgt Ion	164	Resp	314596
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td>82.2</td> <td></td> <td></td>	82.2		
Upper <td>123.2</td> <td></td> <td></td>	123.2		
162	102.2		
160	46.0		
	37.2		



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

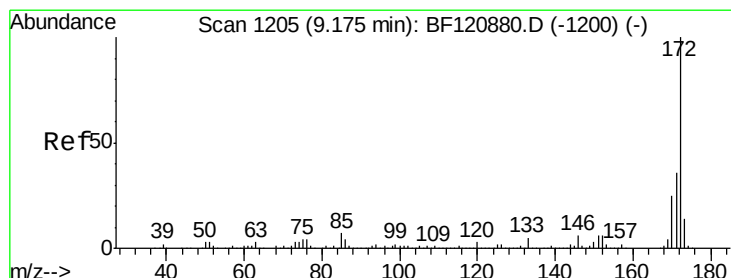
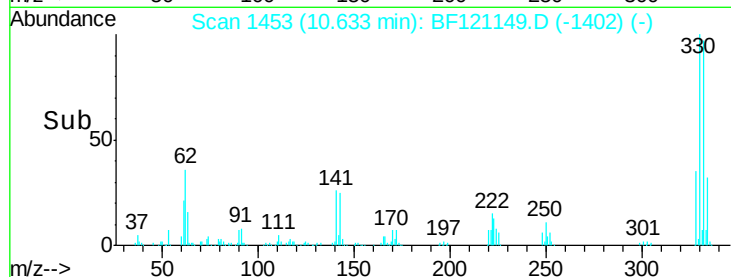
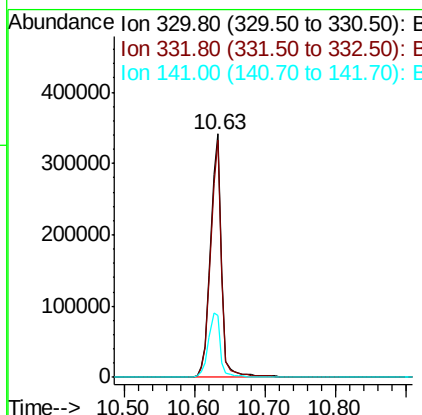
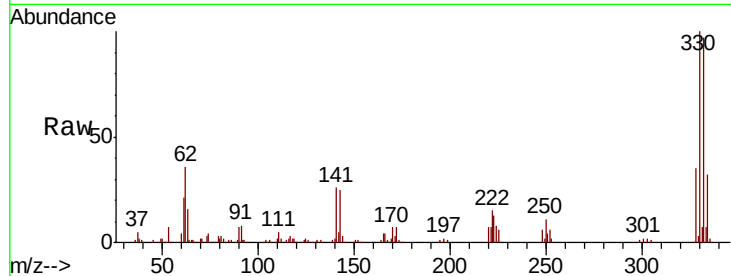




#42
 2,4,6-Tribromophenol
 Concen: 108.797 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF121149.D
 Acq: 31 Jul 2020 10:39

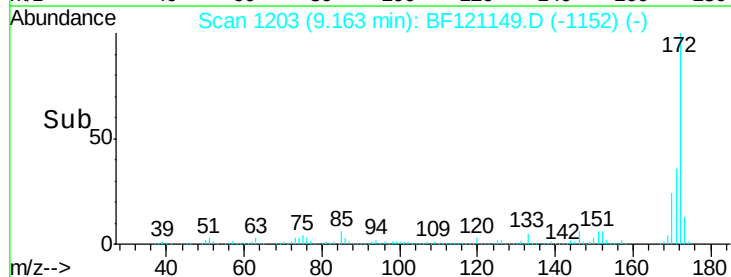
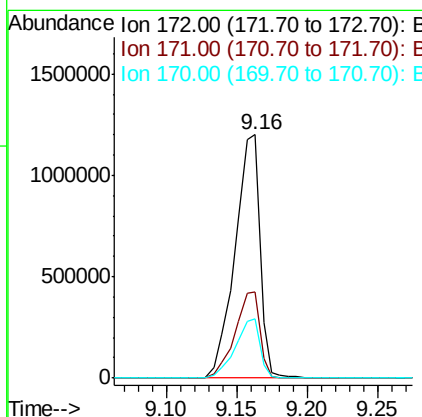
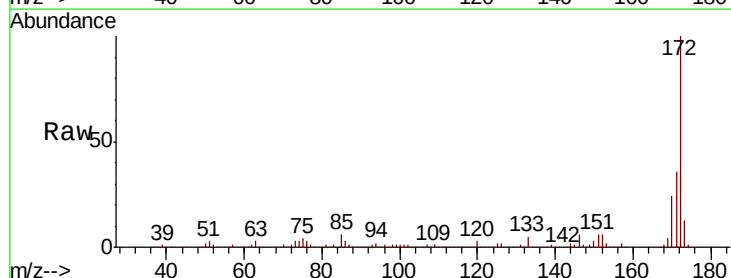
Instrument :
 BNA_F
 ClientSampleId :
 PB130555BL

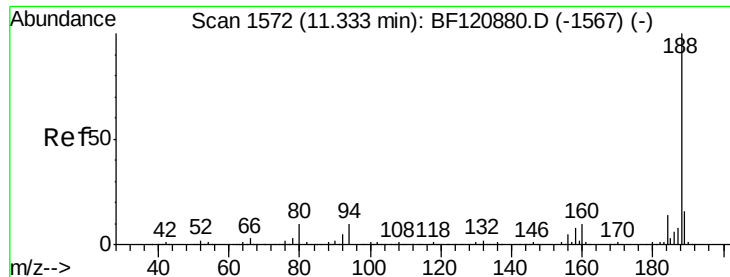
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.1	114.1
141	28.9	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 70.640 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF121149.D
 Acq: 31 Jul 2020 10:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	24.2	19.6	29.4

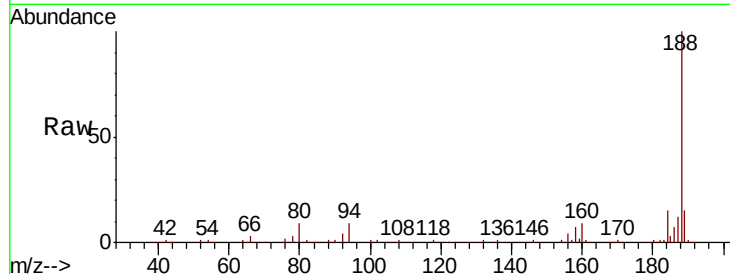




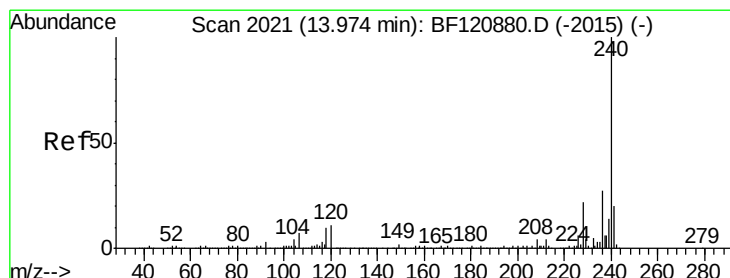
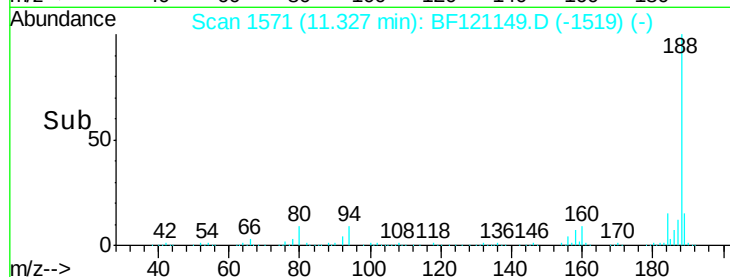
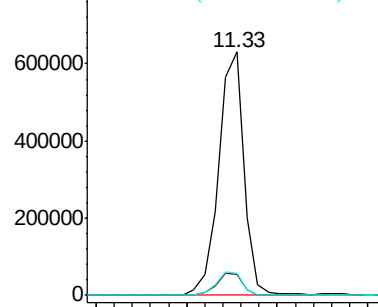
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Instrument :
BNA_F
ClientSampleId :
PB130555BL

Tot Ion:188 Resp: 612850
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.0 8.3 12.5

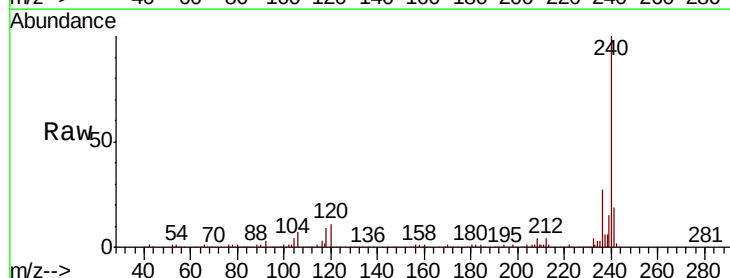


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

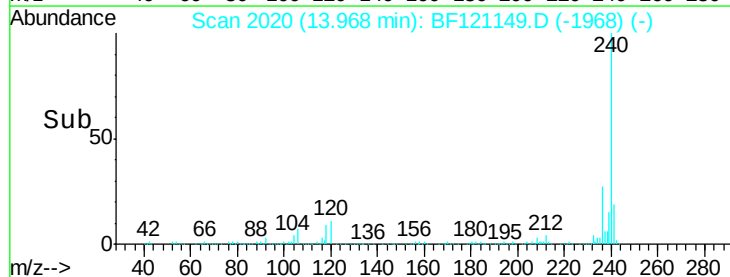
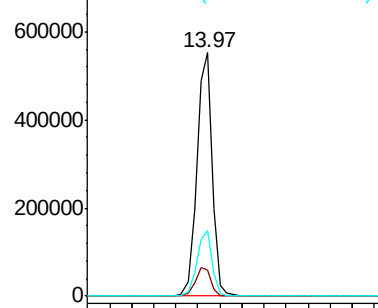


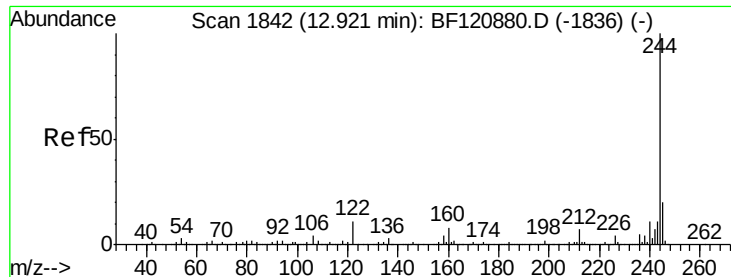
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BF121149.D
Acq: 31 Jul 2020 10:39

Tgt Ion:240 Resp: 533596
Ion Ratio Lower Upper
240 100
120 10.6 9.3 13.9
236 27.1 21.1 31.7



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

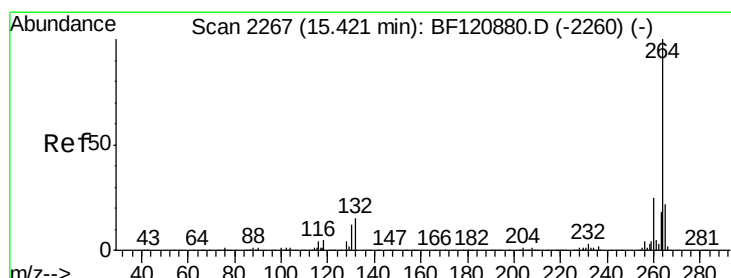
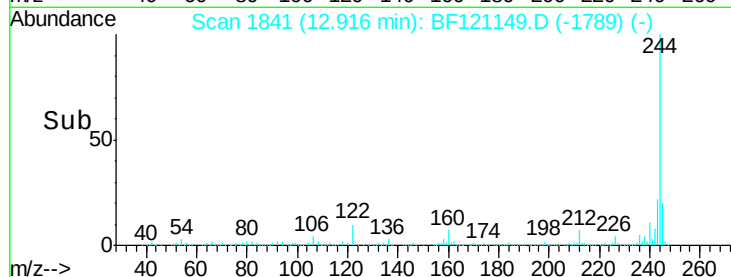
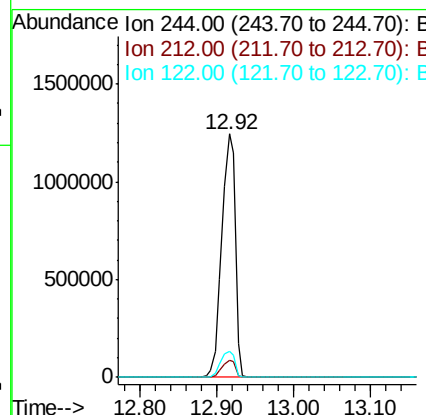
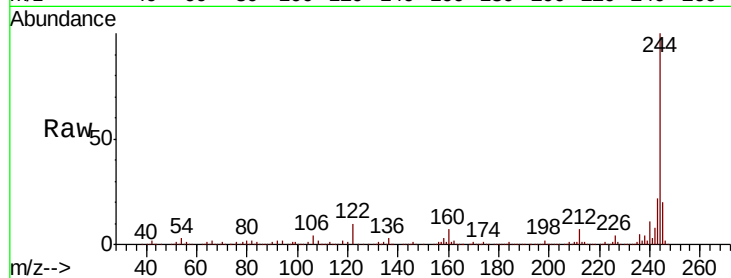




#79
 Terphenyl-d14
 Concen: 61.021 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF121149.D
 Acq: 31 Jul 2020 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB130555BL

Tot Ion:244 Resp: 1497875
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.5 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.02 min
 Lab File: BF121149.D
 Acq: 31 Jul 2020 10:39

Tgt Ion:264 Resp: 529965
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.9 29.9
 265 21.4 17.8 26.8

