

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121251.D
 Acq On : 11 Aug 2020 20:55
 Operator : JU/CG
 Sample : L3626-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1717

Quant Time: Aug 12 11:00:41 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	6.79	152	136866	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	535046	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	259358	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	570416	20.00	ng	0.00
76) Chrysene-d12	13.96	240	508066	20.00	ng	0.00
86) Perylene-d12	15.42	264	274896	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	838678	100.46	ng	0.00
7) Phenol-d6	6.43	99	882114	81.79	ng	-0.02
23) Nitrobenzene-d5	7.36	82	764355	82.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	353993	124.69	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1387247	79.86	ng	0.00
79) Terphenyl-d14	12.91	244	1510022	64.61	ng	0.00

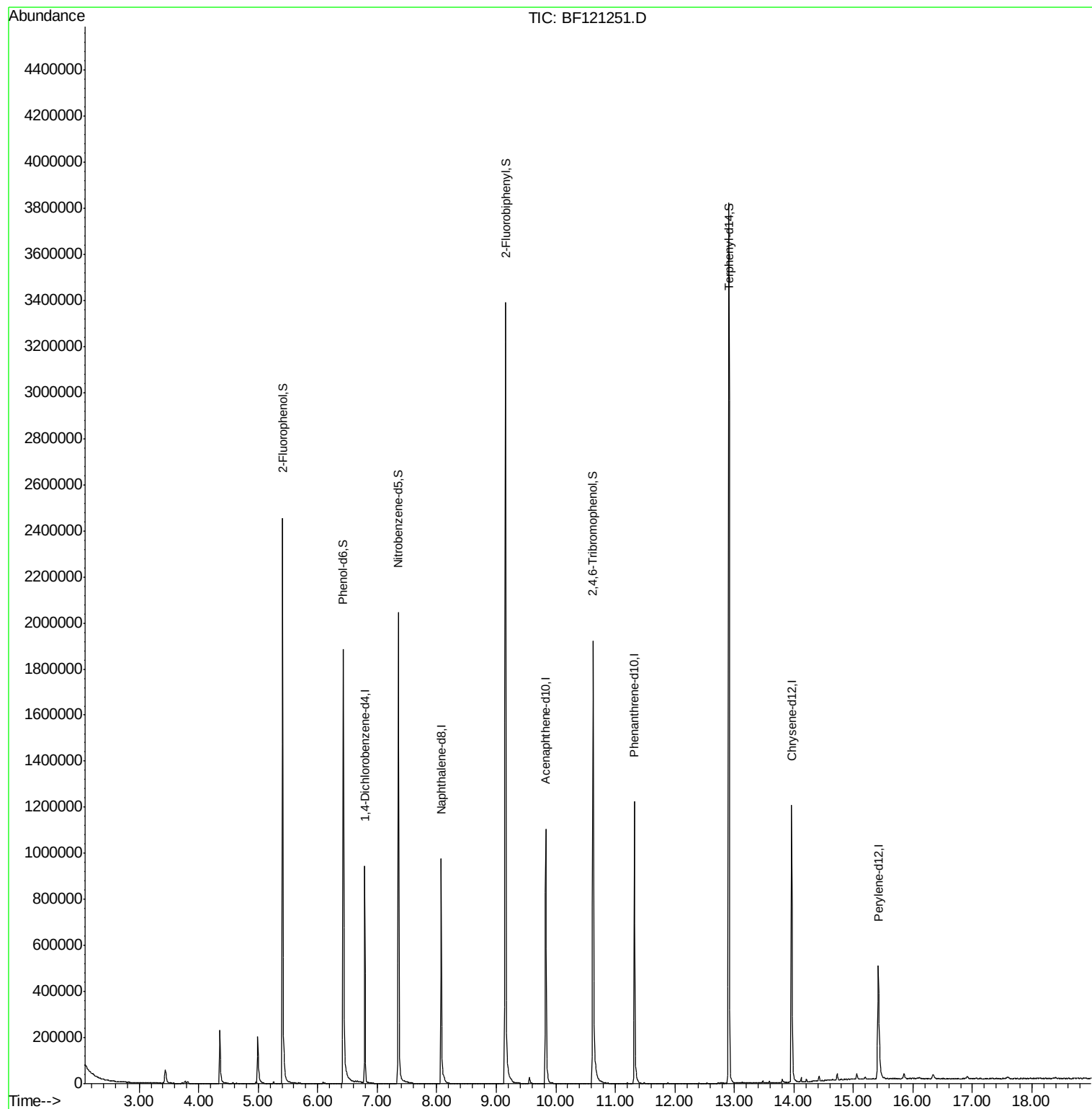
Target Compounds Qvalue

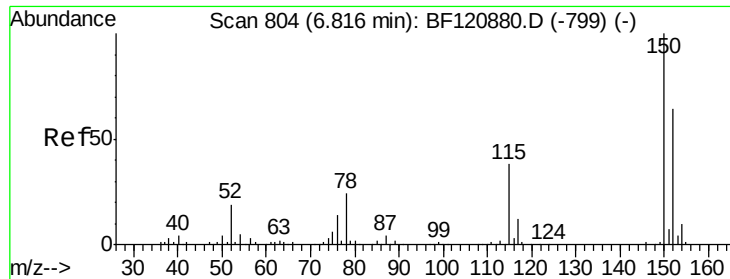
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF121251.D

Acq: 11 Aug 2020 20:55

Instrument :

BNA_F

ClientSampleId :

1717

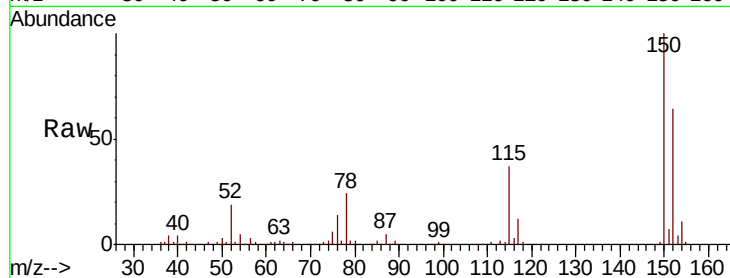
Tot Ion:152 Resp: 136866

Ion Ratio Lower Upper

152 100

150 155.1 125.6 188.4

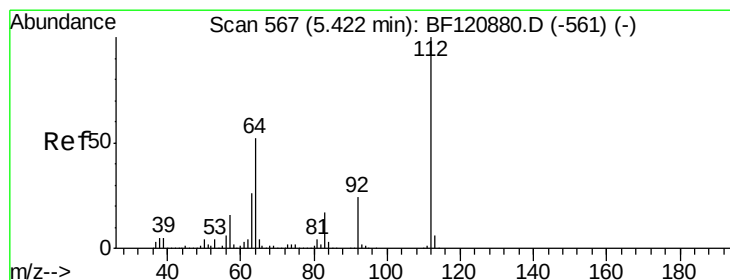
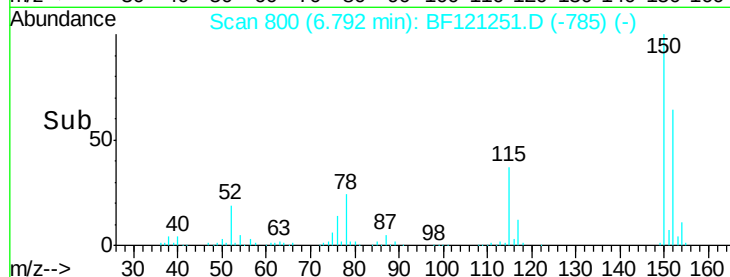
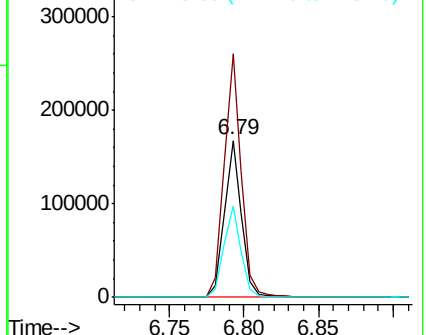
115 57.9 46.2 69.2



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: 100.455 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF121251.D

Acq: 11 Aug 2020 20:55

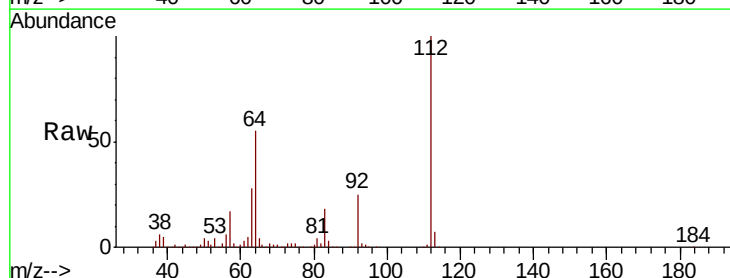
Tgt Ion:112 Resp: 838678

Ion Ratio Lower Upper

112 100

64 55.3 43.9 65.9

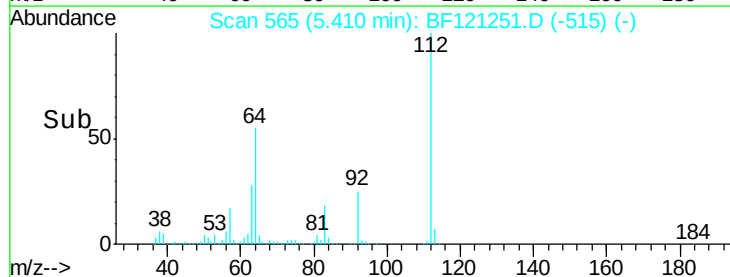
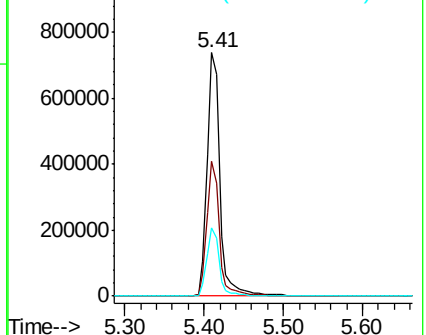
63 28.2 22.7 34.1

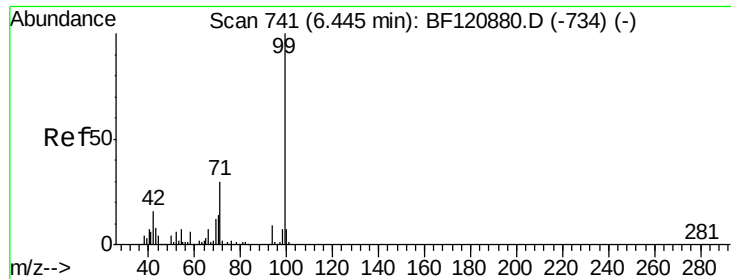


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 81.795 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121251.D

Acq: 11 Aug 2020 20:55

Instrument :

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ClientSampleId :

1717

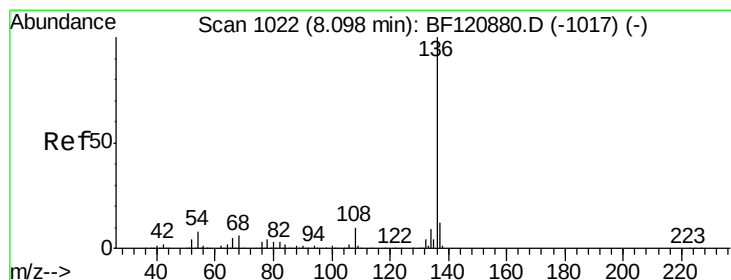
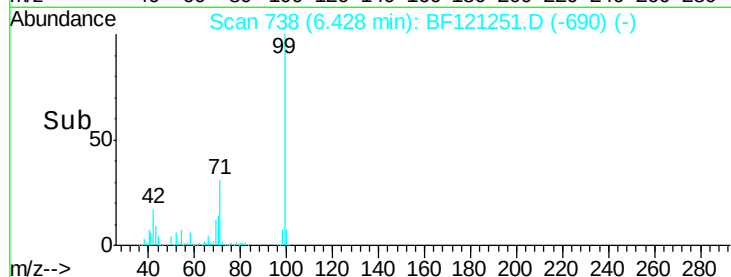
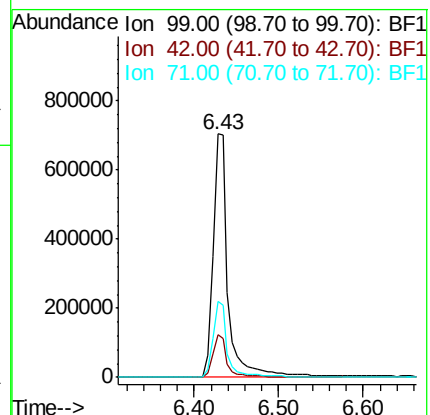
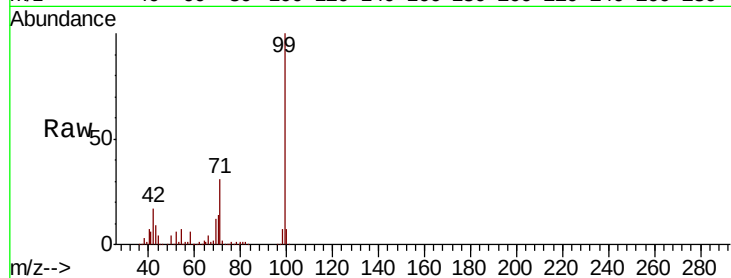
Tot Ion: 99 Resp: 882114

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

71 31.2 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121251.D

Acq: 11 Aug 2020 20:55

Tgt Ion: 136 Resp: 535046

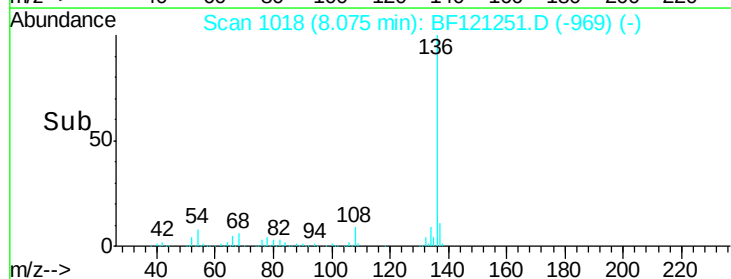
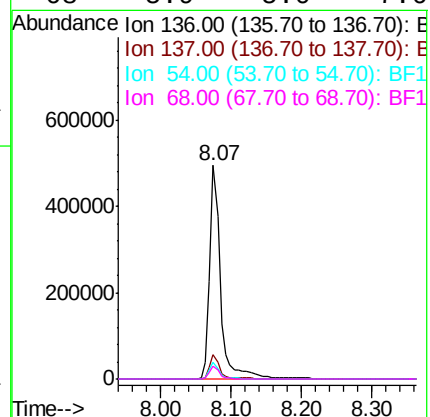
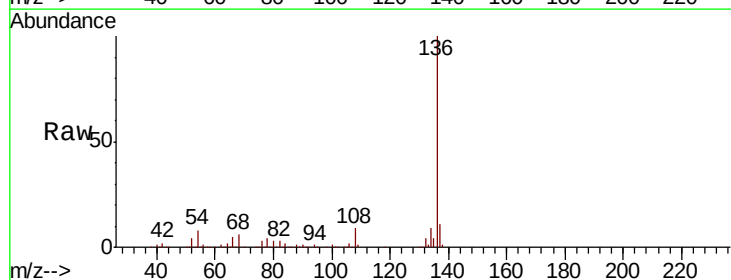
Ion Ratio Lower Upper

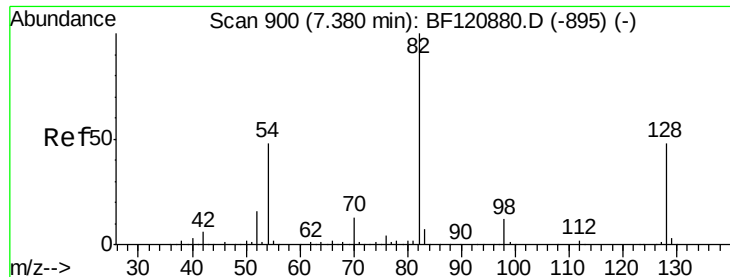
136 100

137 11.3 9.0 13.4

54 7.6 6.1 9.1

68 5.9 5.0 7.6

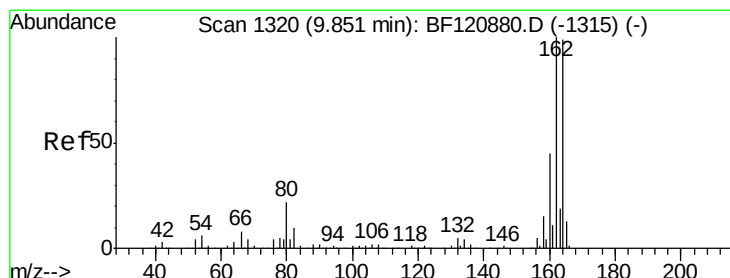
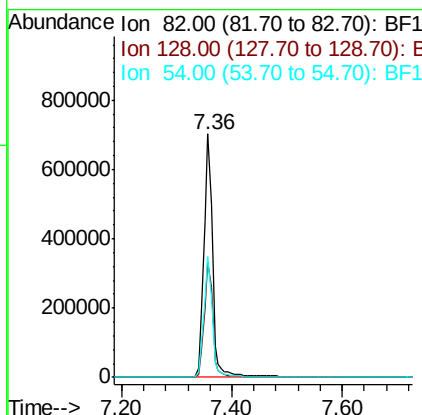
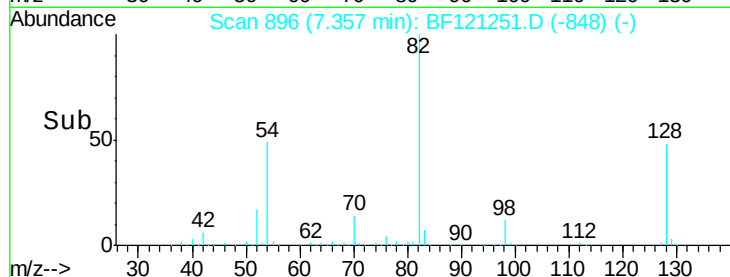
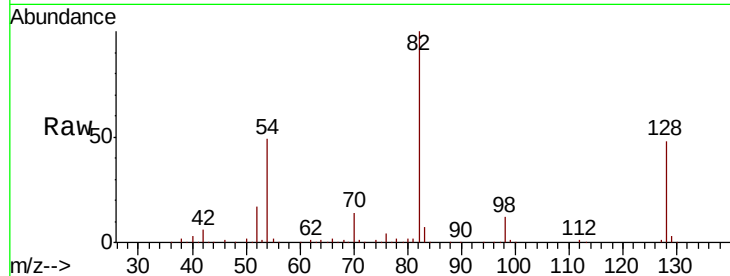




#23
 Nitrobenzene-d5
 Concen: 82.662 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121251.D
 Acq: 11 Aug 2020 20:55

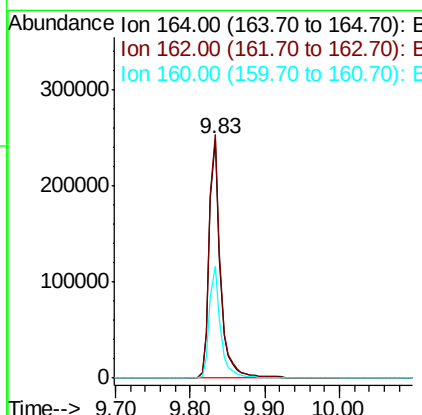
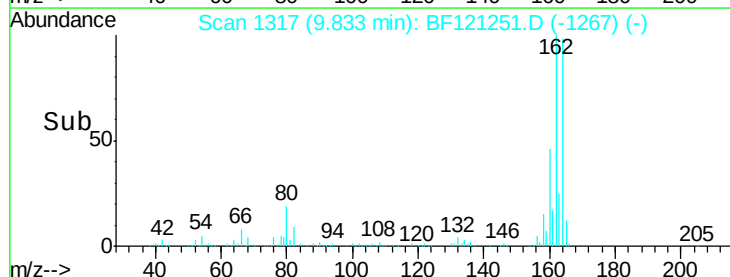
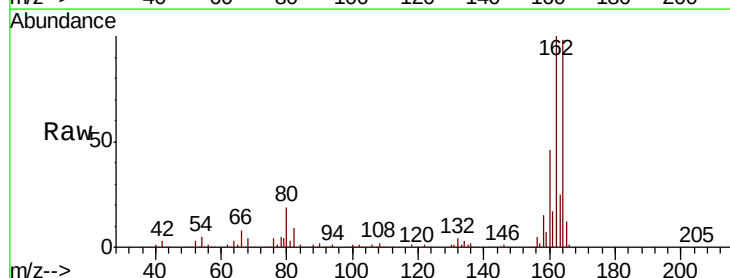
Instrument :
 BNA_F
 ClientSampleId :
 1717

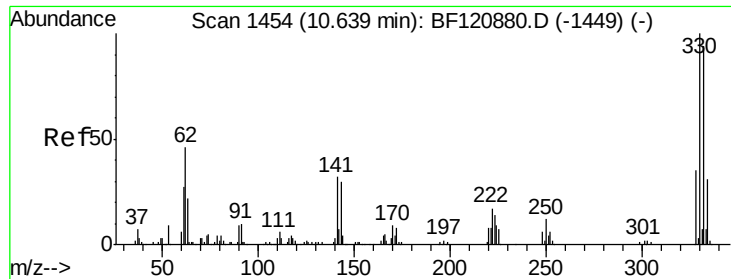
Tot Ion	82	Resp	764355
Ion Ratio	100		
Lower	39.2		
Upper	58.8		
128	47.6		
54	49.4		
	37.8		
	56.8		



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121251.D
 Acq: 11 Aug 2020 20:55

Tgt Ion	164	Resp	259358
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	101.9		
160	46.6		
	37.2		
	55.8		

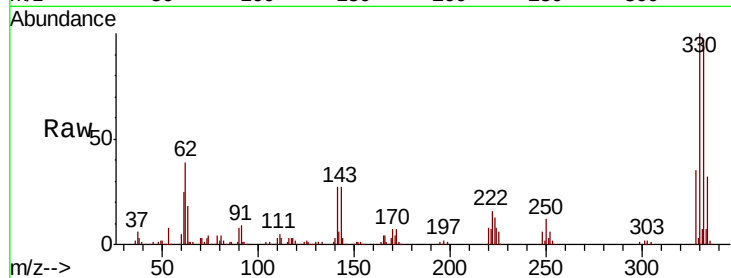




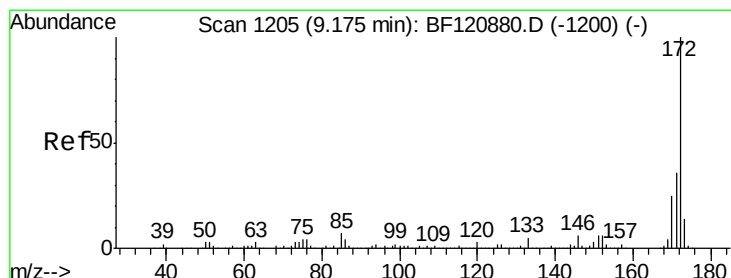
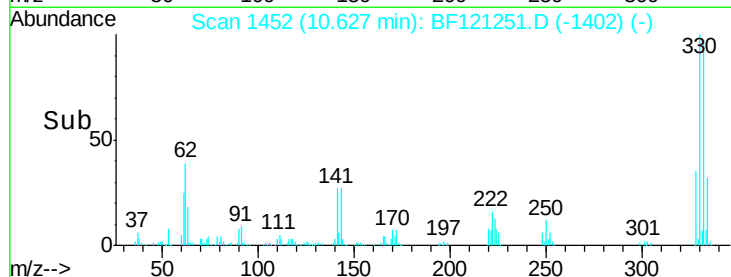
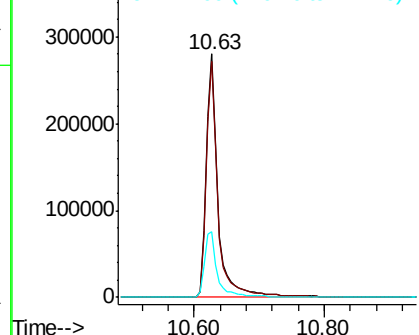
#42
 2,4,6-Tribromophenol
 Concen: 124.692 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121251.D
 Acq: 11 Aug 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 1717

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.1	114.1
141	30.4	24.1	36.1

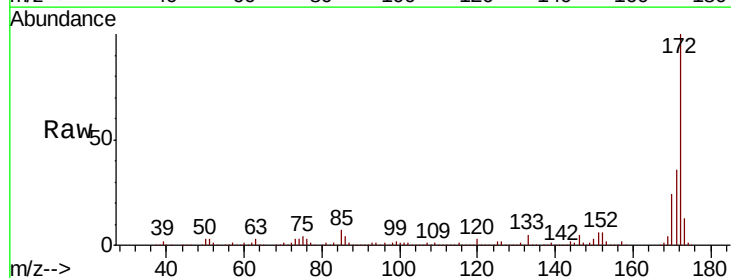


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

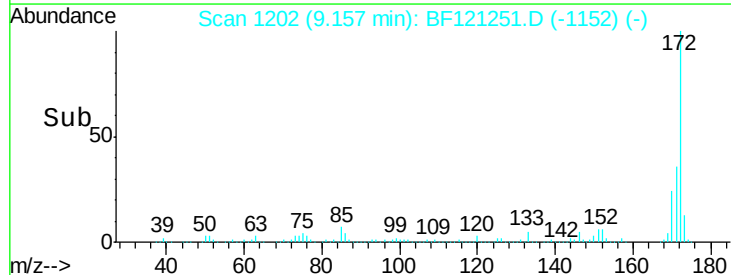
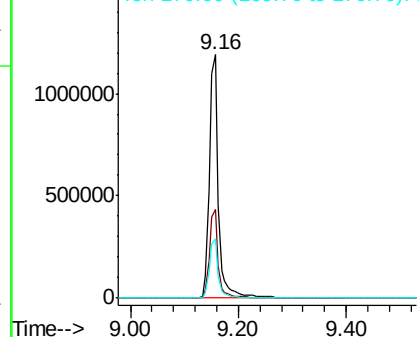


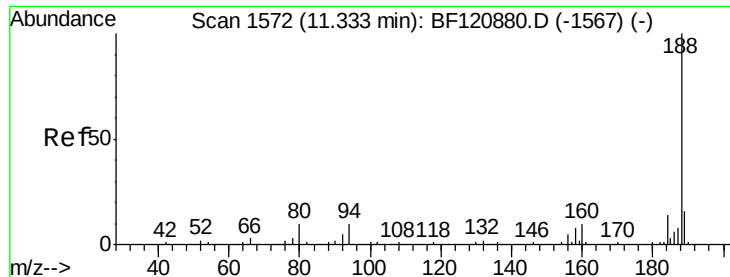
#45
 2-Fluorobiphenyl
 Concen: 79.859 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121251.D
 Acq: 11 Aug 2020 20:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.2	19.6	29.4



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

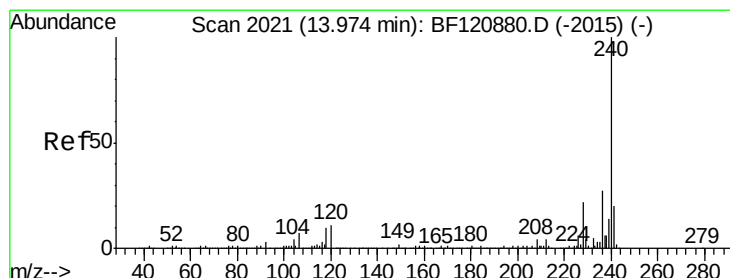
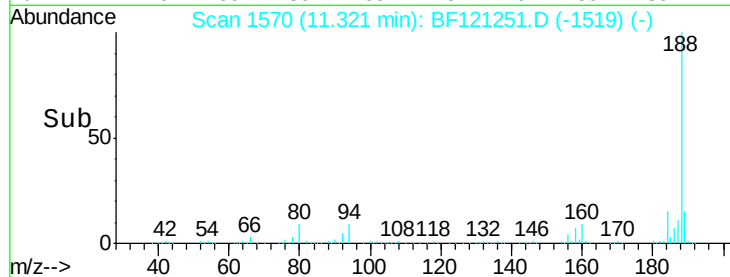
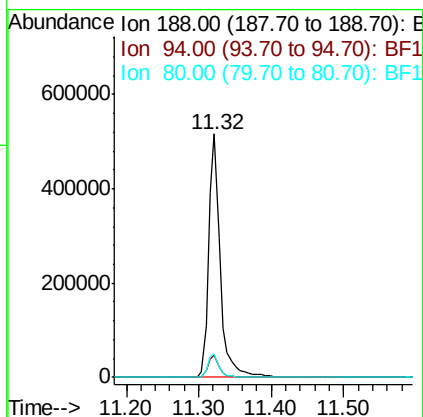
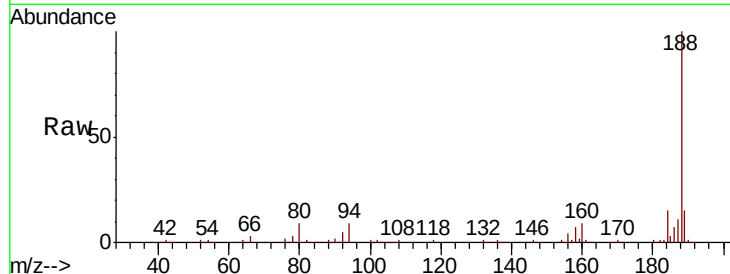




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121251.D
Acq: 11 Aug 2020 20:55

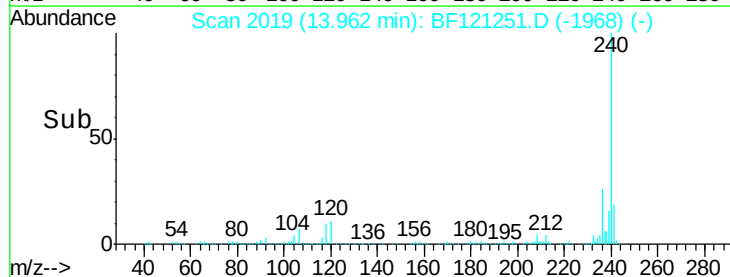
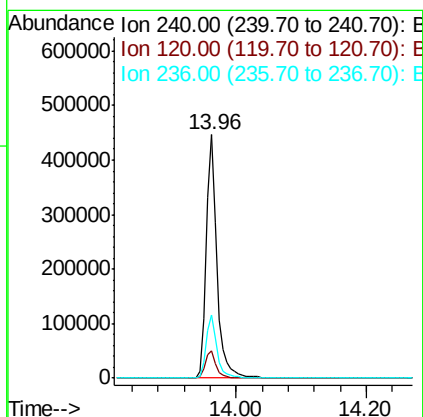
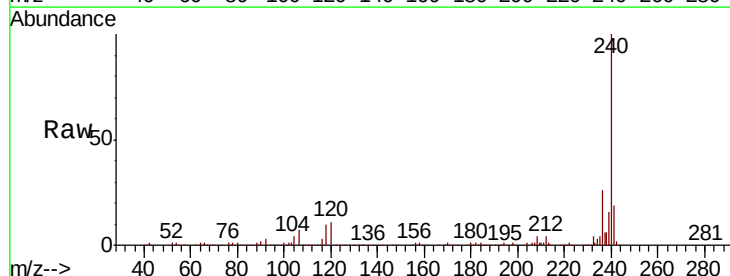
Instrument :
BNA_F
ClientSampleId :
1717

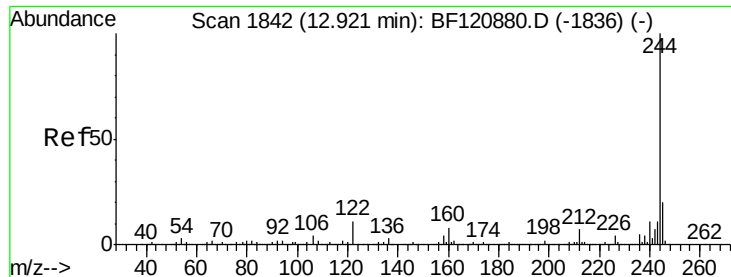
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.0	12.0
80	9.4	8.3	12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121251.D
Acq: 11 Aug 2020 20:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.3	13.9
236	26.1	21.1	31.7

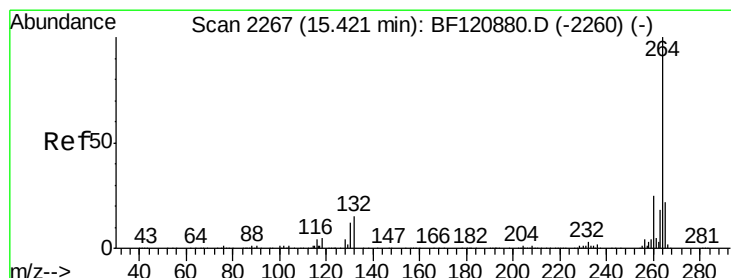
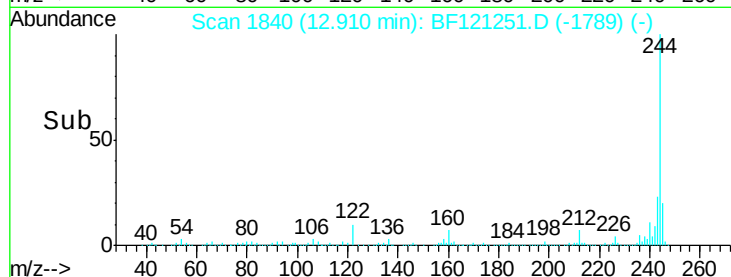
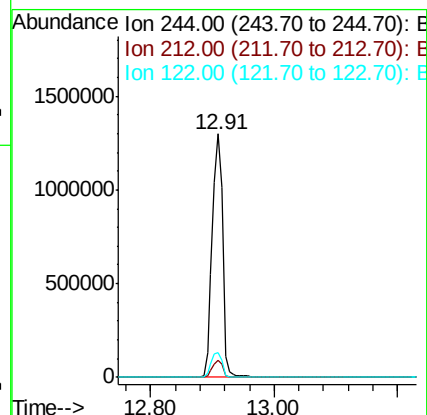
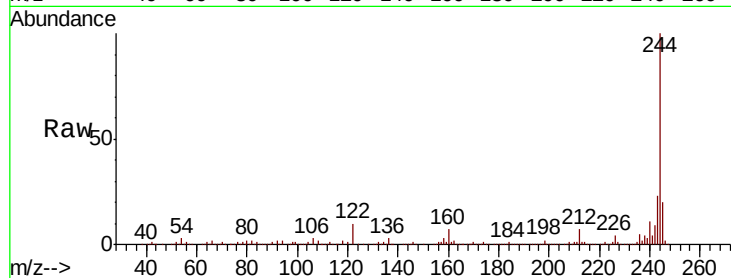




#79
 Terphenyl-d14
 Concen: 64.607 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121251.D
 Acq: 11 Aug 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 1717

Tot Ion:244 Resp: 1510022
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: BF121251.D
 Acq: 11 Aug 2020 20:55

Tgt Ion:264 Resp: 274896
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.9 29.9
 265 20.9 17.8 26.8

