

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120956.D
 Acq On : 21 Jul 2020 16:14
 Operator : JU/CG
 Sample : L3358-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 55-ST-28

Quant Time: Jul 21 18:05:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

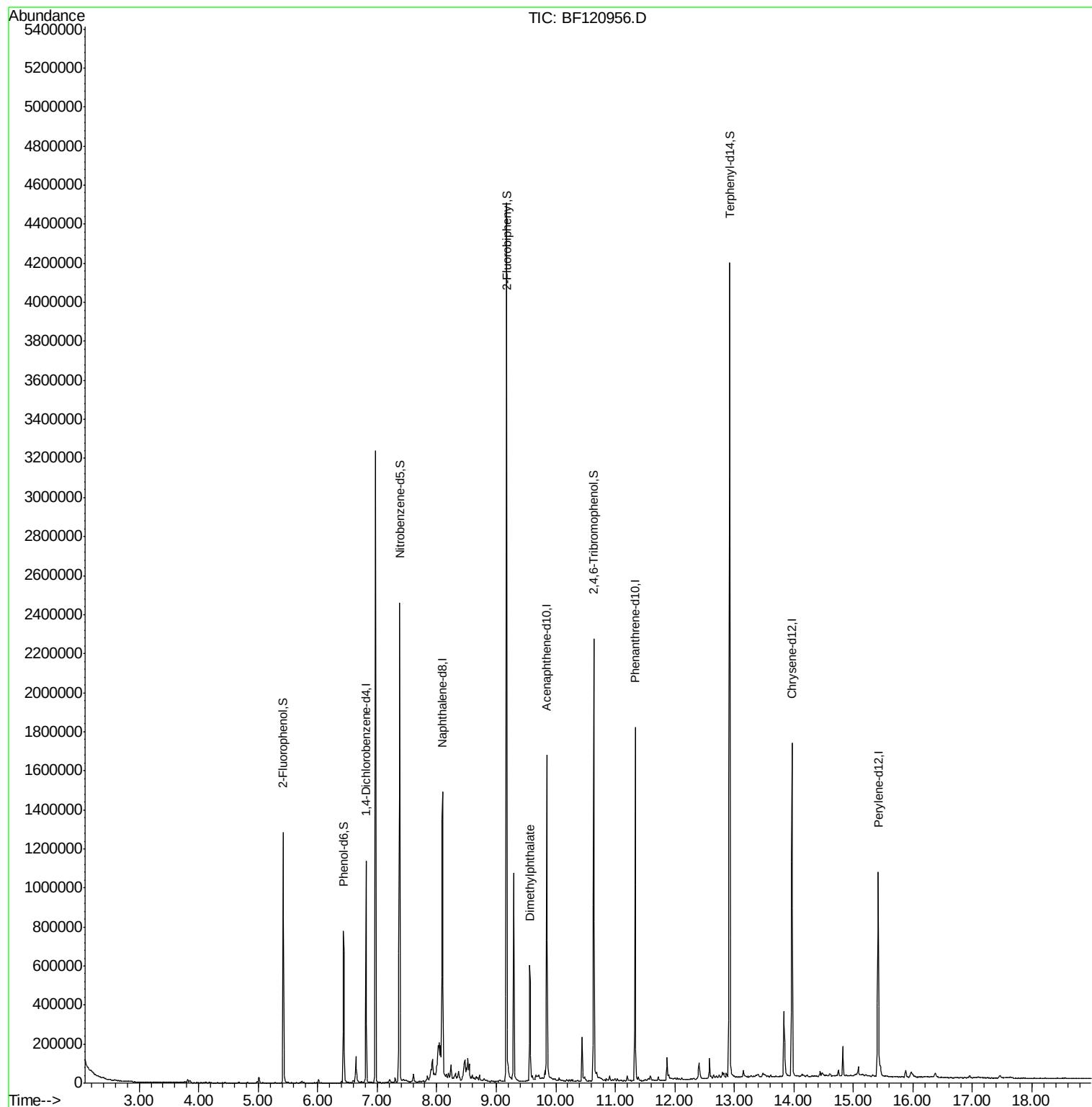
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	173312	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	647520	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	341439	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	654983	20.00	ng	0.00
76) Chrysene-d12	13.97	240	554829	20.00	ng	0.00
86) Perylene-d12	15.42	264	494836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	349923	33.10	ng	0.00
7) Phenol-d6	6.43	99	255652	18.72	ng	-0.01
23) Nitrobenzene-d5	7.38	82	903966	80.78	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	325543	87.10	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1686749	73.76	ng	0.00
79) Terphenyl-d14	12.92	244	1830252	71.71	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	250142	10.155	ng	Qvalue 99

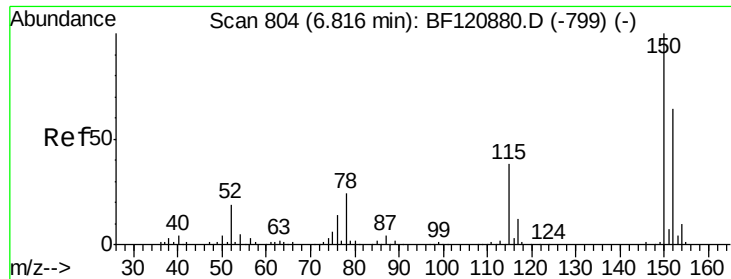
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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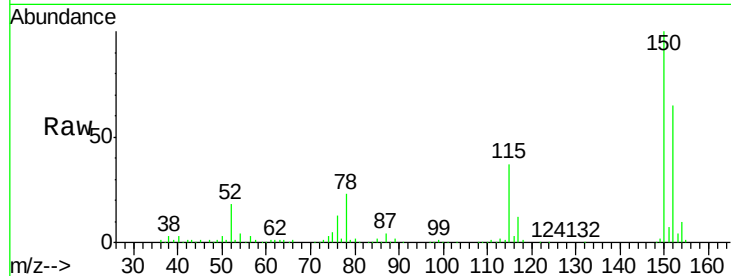


#1

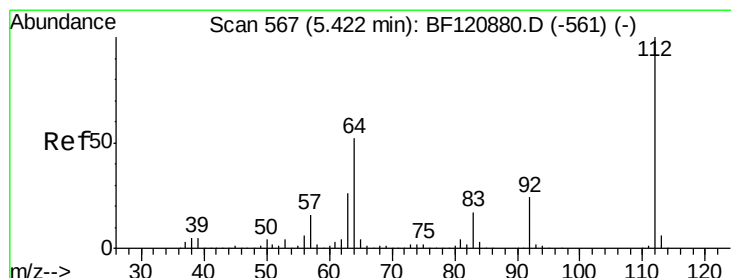
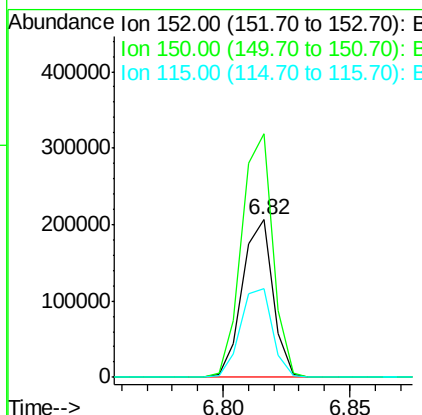
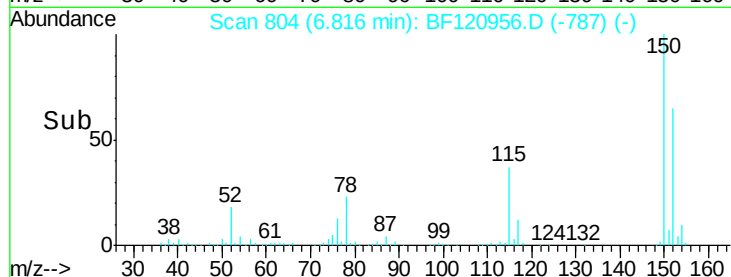
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120956.D
Acq: 21 Jul 2020 16:14

Instrument :
BNA_F
ClientSampleId :
55-ST-28

Tot Ion:152 Resp: 173312
Ion Ratio Lower Upper
152 100
150 154.7 125.0 187.6
115 56.6 47.0 70.4



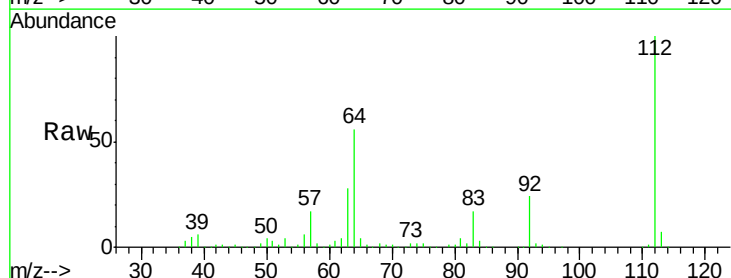
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



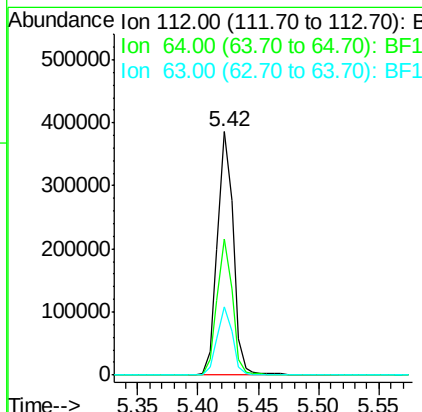
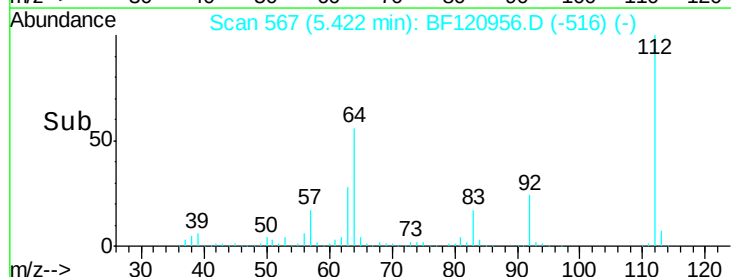
#5

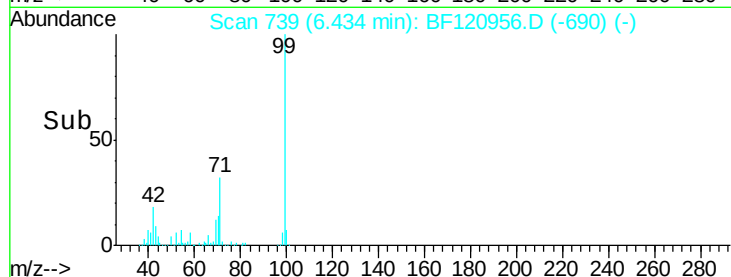
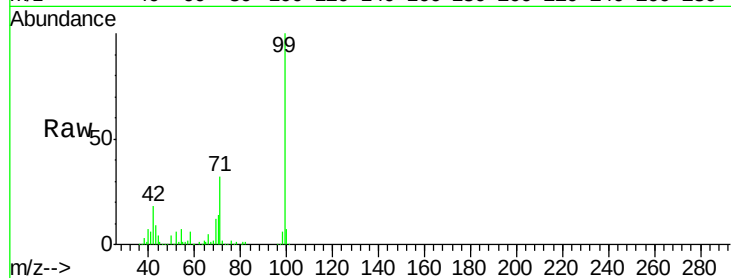
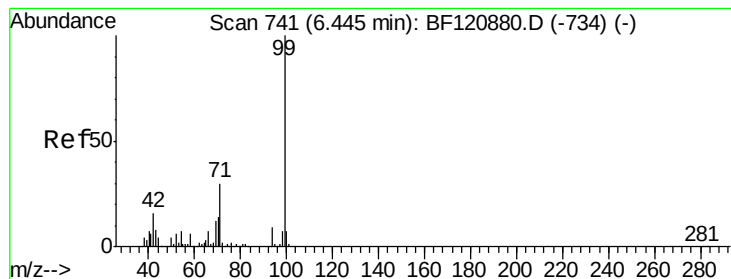
2-Fluorophenol
Concen: 33.099 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120956.D
Acq: 21 Jul 2020 16:14

Tgt Ion:112 Resp: 349923
Ion Ratio Lower Upper
112 100
64 55.7 41.3 61.9
63 28.3 21.1 31.7



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: 18.720 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120956.D

Acq: 21 Jul 2020 16:14

Instrument :

BNA_F

ClientSampleId :

55-ST-28

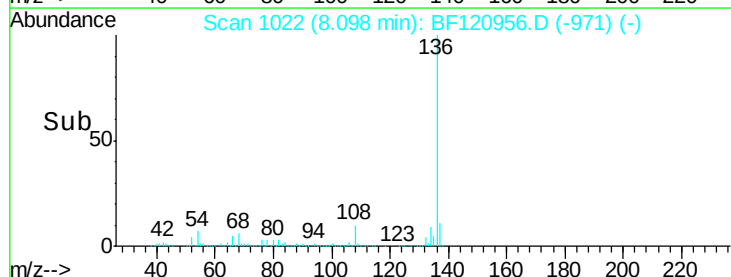
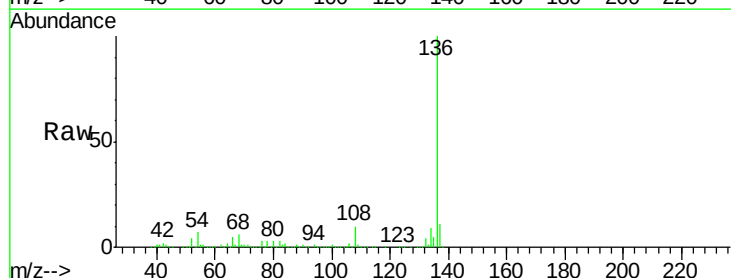
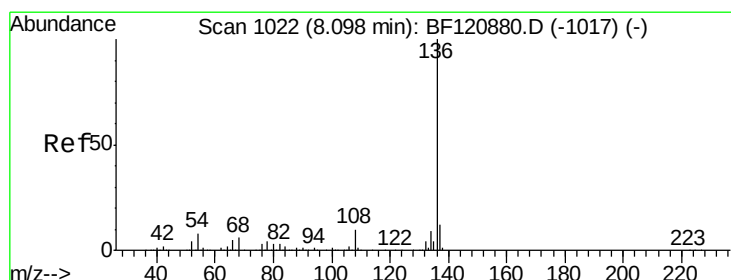
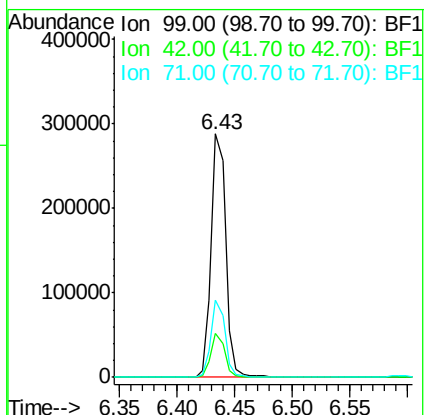
Tot Ion: 99 Resp: 255652

Ion Ratio Lower Upper

99 100

42 18.0 13.1 19.7

71 31.8 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120956.D

Acq: 21 Jul 2020 16:14

Tgt Ion: 136 Resp: 647520

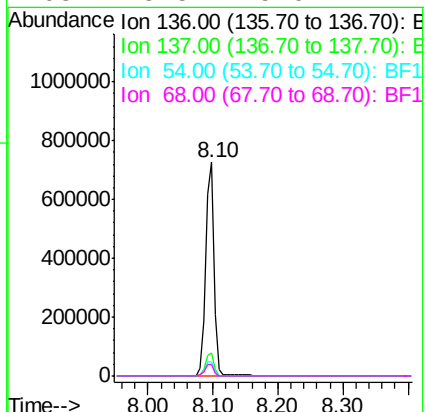
Ion Ratio Lower Upper

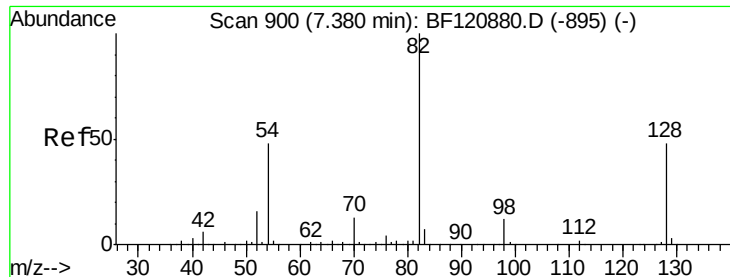
136 100

137 10.9 9.3 13.9

54 6.7 6.3 9.5

68 5.5 5.0 7.4

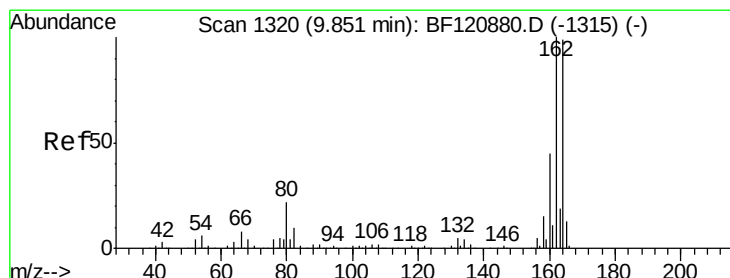
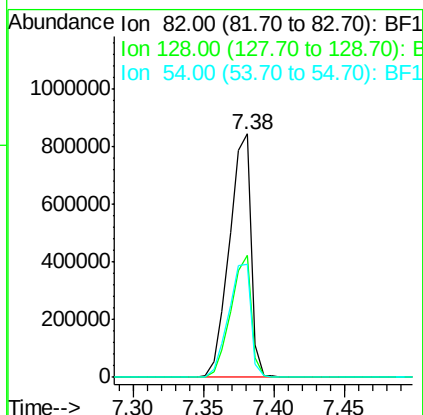
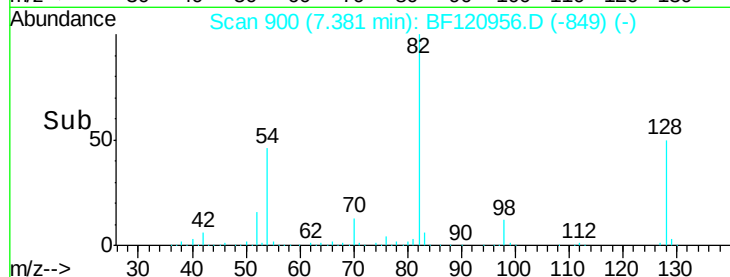
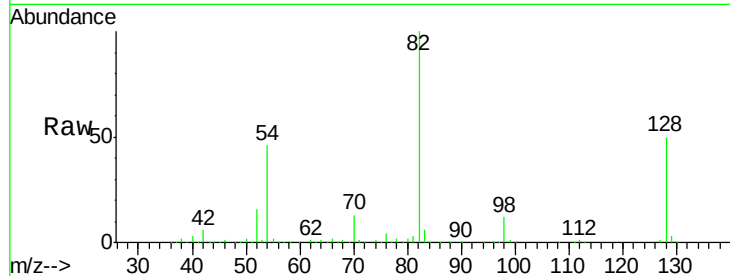




#23
Nitrobenzene-d5
Concen: 80.779 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF120956.D
Acq: 21 Jul 2020 16:14

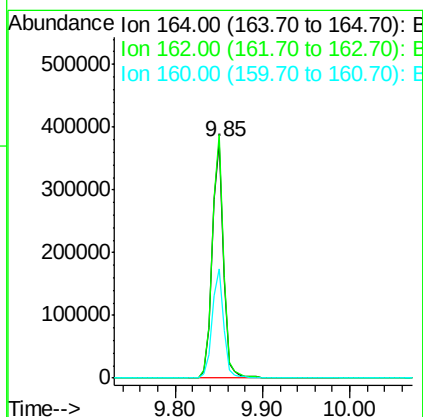
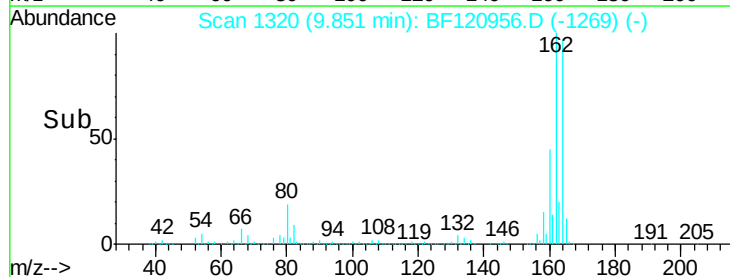
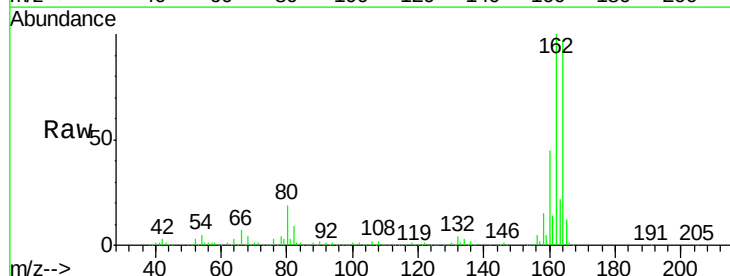
Instrument :
BNA_F
ClientSampleId :
55-ST-28

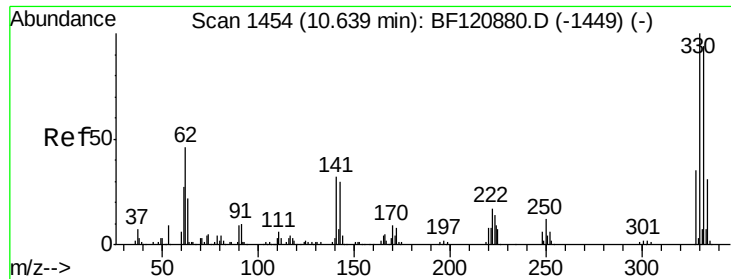
Tot Ion	Ratio	Lower	Upper
82	100		
128	50.0	38.2	57.4
54	46.5	38.7	58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120956.D
Acq: 21 Jul 2020 16:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.2	121.8
160	46.4	36.9	55.3

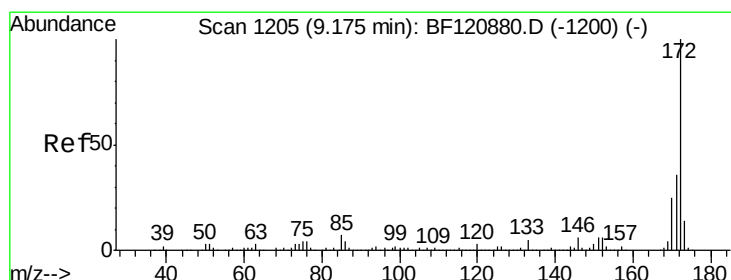
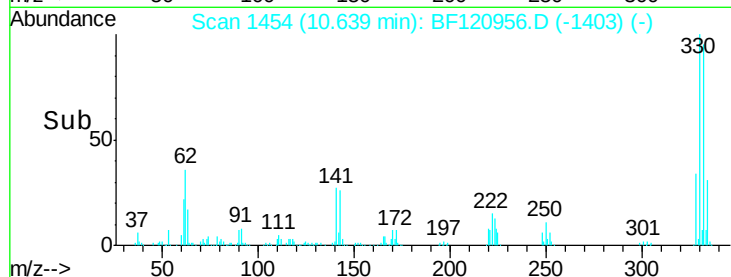
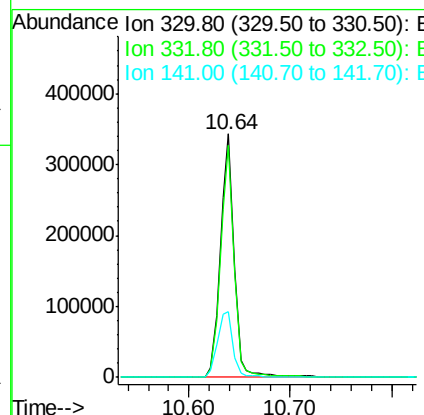
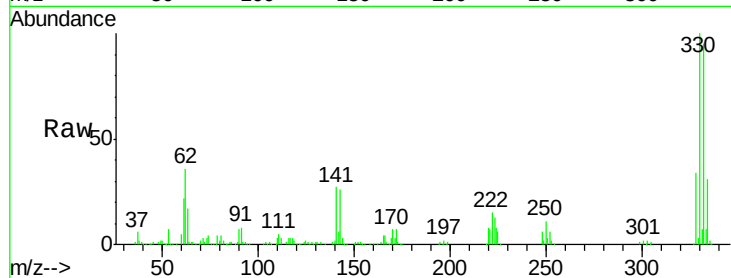




#42
 2,4,6-Tribromophenol
 Concen: 87.104 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120956.D
 Acq: 21 Jul 2020 16:14

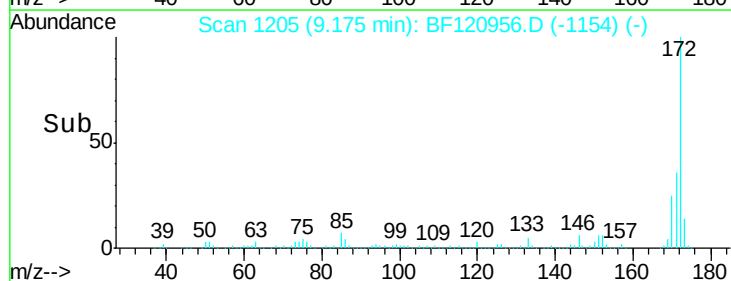
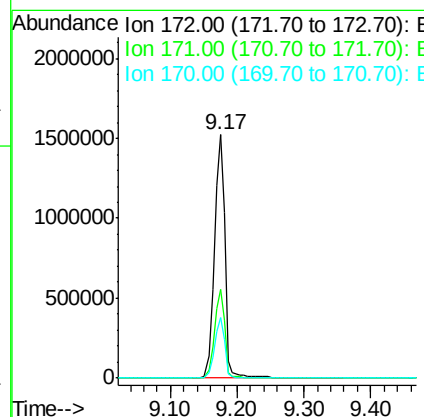
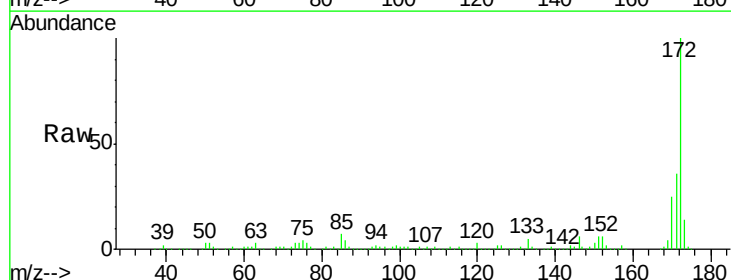
Instrument :
 BNA_F
 ClientSampleId :
 55-ST-28

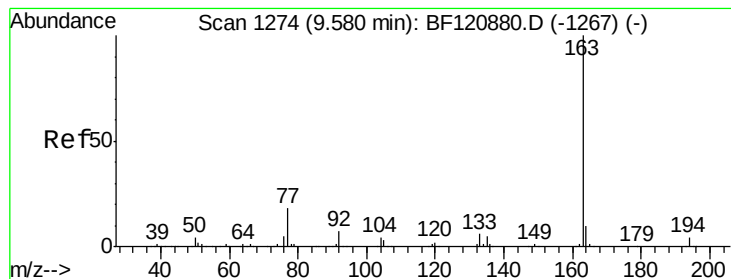
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.5	113.3
141	30.9	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 73.758 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120956.D
 Acq: 21 Jul 2020 16:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.4
170	25.1	19.6	29.4





#50

Dimethylphthalate

Concen: 10.155 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF120956.D

Acq: 21 Jul 2020 16:14

Instrument :

BNA_F

ClientSampleId :

55-ST-28

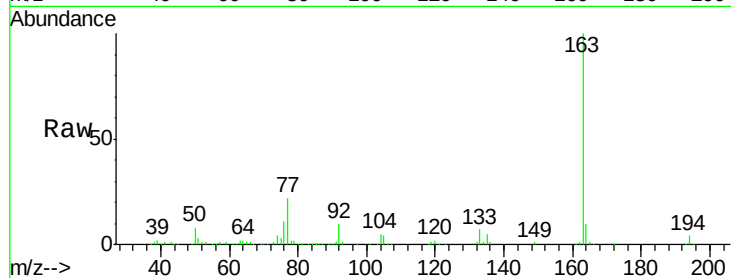
Tot Ion:163 Resp: 250142

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

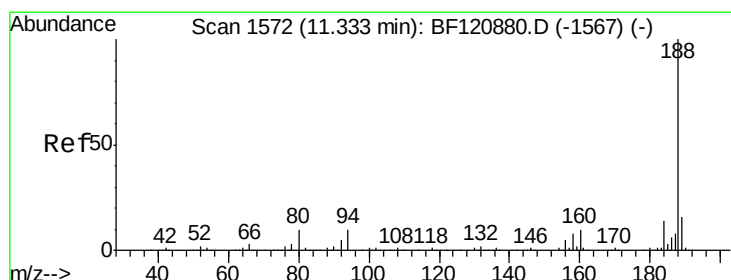
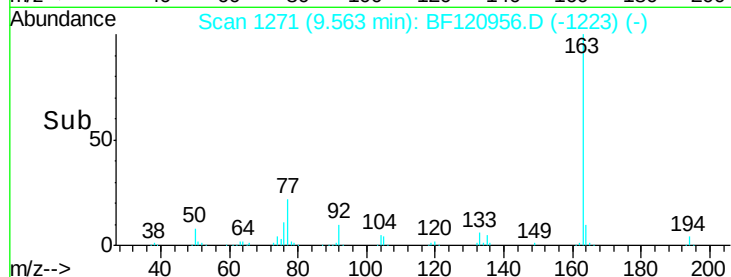
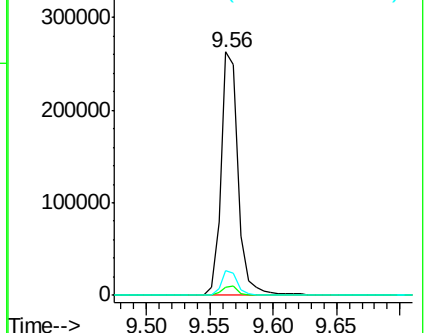
164 10.3 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120956.D

Acq: 21 Jul 2020 16:14

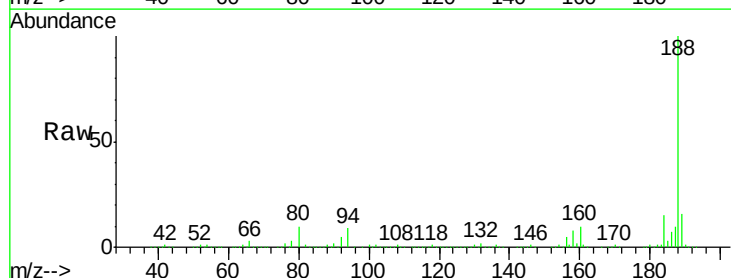
Tgt Ion:188 Resp: 654983

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

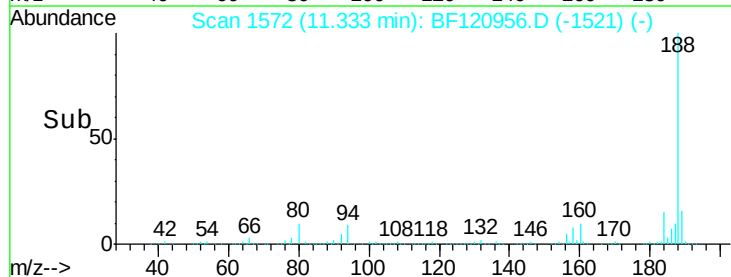
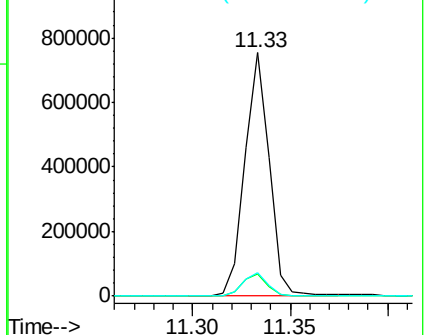
80 9.7 8.3 12.5

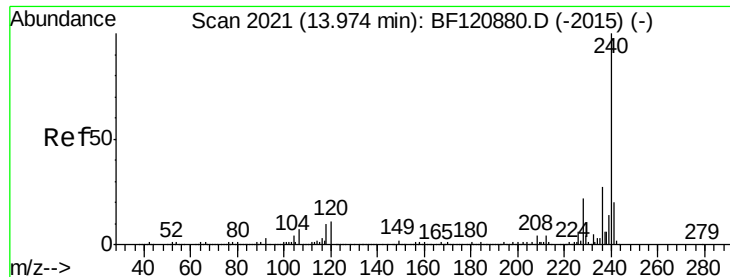


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF120956.D

Acq: 21 Jul 2020 16:14

Instrument :

BNA_F

ClientSampleId :

55-ST-28

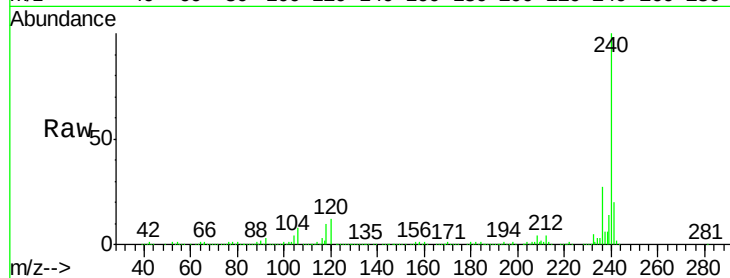
Tot Ion:240 Resp: 554829

Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.4

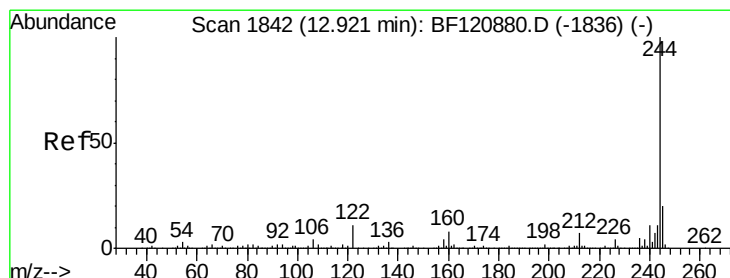
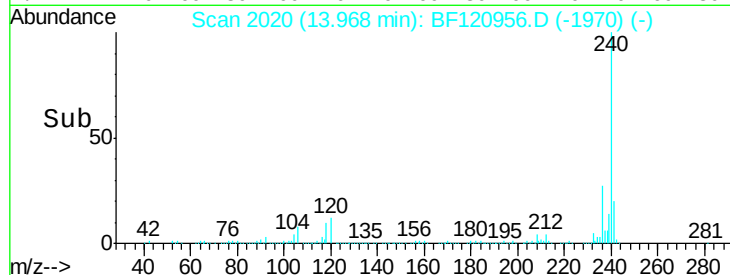
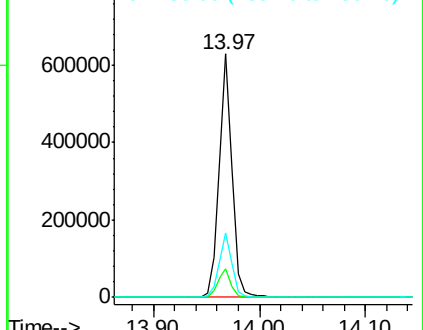
236 26.6 21.7 32.5



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: 71.708 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120956.D

Acq: 21 Jul 2020 16:14

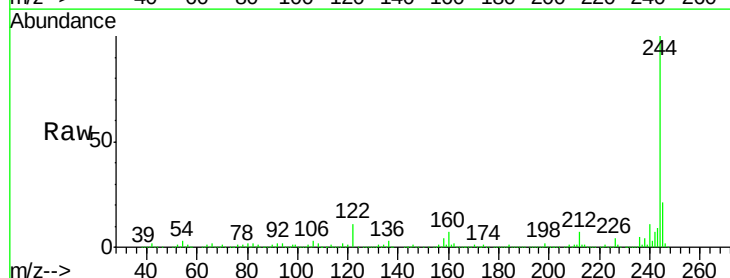
Tgt Ion:244 Resp: 1830252

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

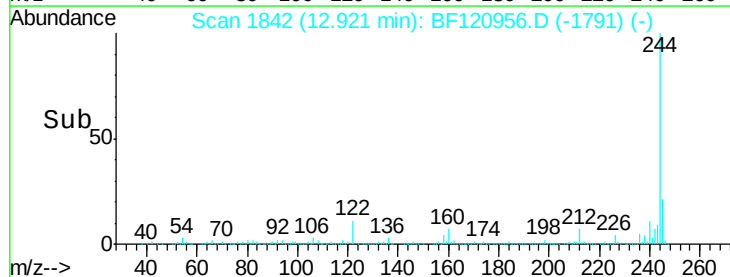
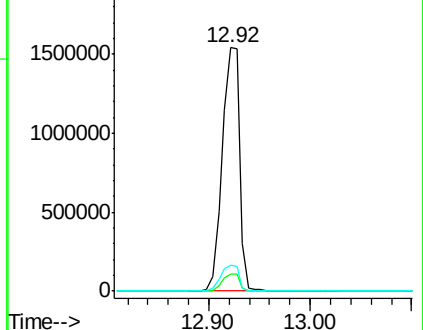
122 10.9 8.9 13.3

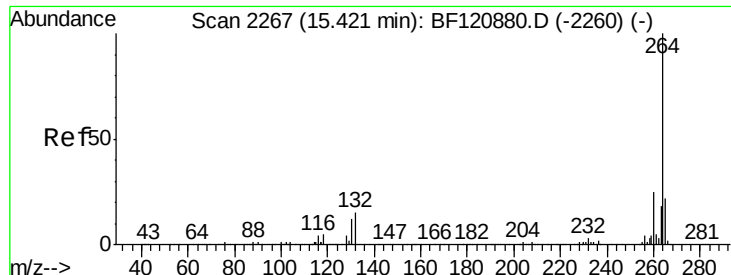


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF120956.D
 Acq: 21 Jul 2020 16:14

Instrument :
 BNA_F
 ClientSampleId :
 55-ST-28

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.0	30.0
265	21.8	17.4	26.2

