

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120900.D
 Acq On : 16 Jul 2020 22:24
 Operator : JU/CG
 Sample : L3308-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6

Quant Time: Jul 17 05:31:47 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

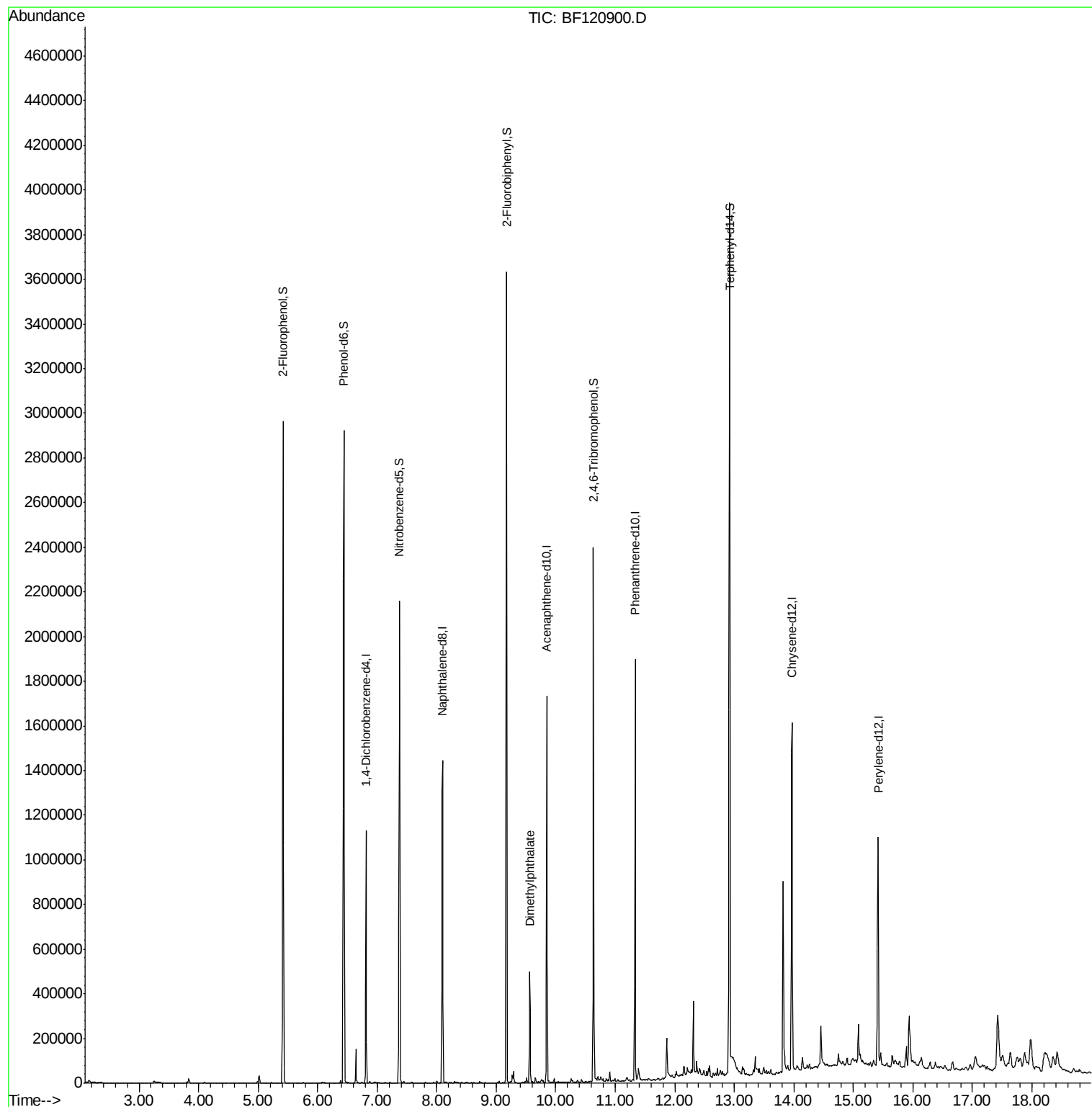
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	164697	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	641486	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	338070	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	669797	20.00	ng	0.00
76) Chrysene-d12	13.97	240	538087	20.00	ng	0.00
86) Perylene-d12	15.42	264	448714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	853692	84.97	ng	0.00
7) Phenol-d6	6.44	99	1051885	81.05	ng	0.00
23) Nitrobenzene-d5	7.37	82	639944	57.72	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	317306	85.75	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1183371	52.26	ng	0.00
79) Terphenyl-d14	12.92	244	1313013	53.04	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	175316	7.188	ng	Qvalue 100

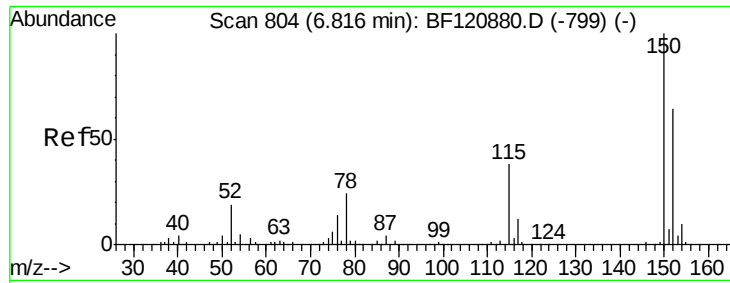
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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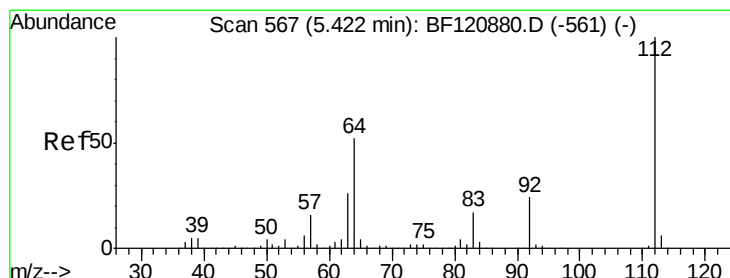
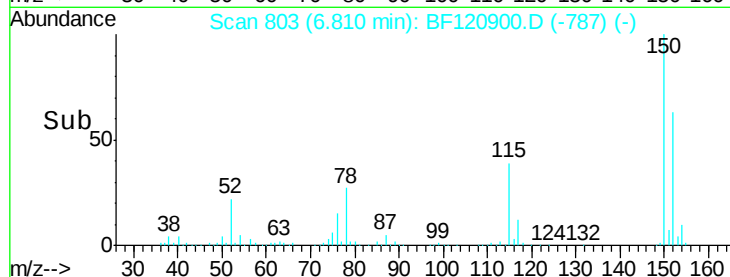
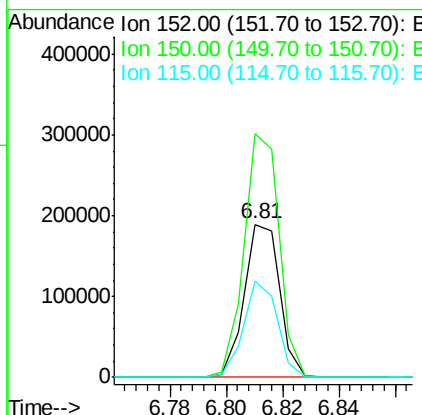
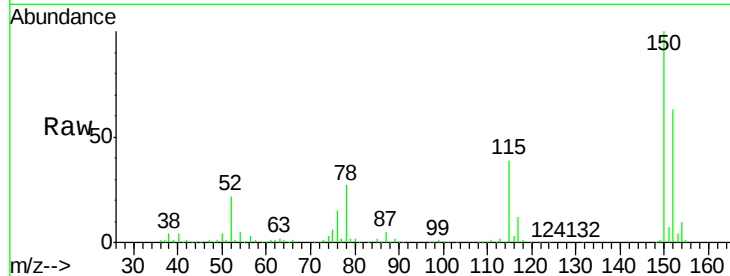


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120900.D
Acq: 16 Jul 2020 22:24

Instrument :
BNA_F
ClientSampleId :
6

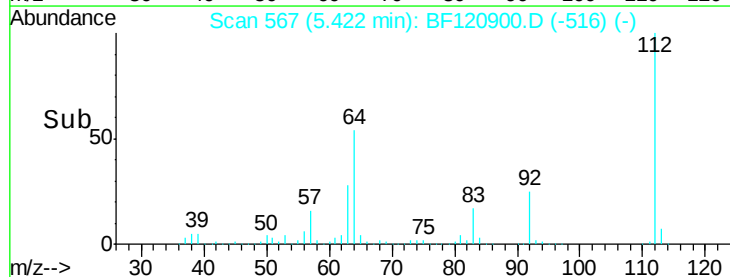
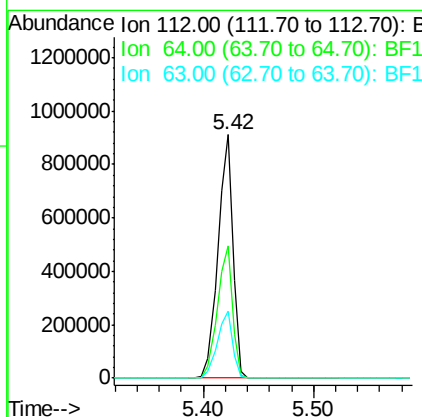
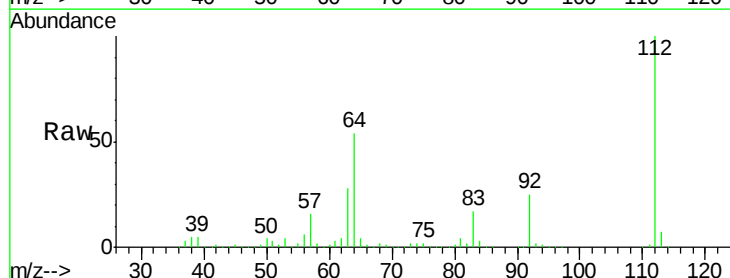
Tot Ion:152 Resp: 164697
Ion Ratio Lower Upper
152 100
150 159.0 125.0 187.6
115 62.6 47.0 70.4

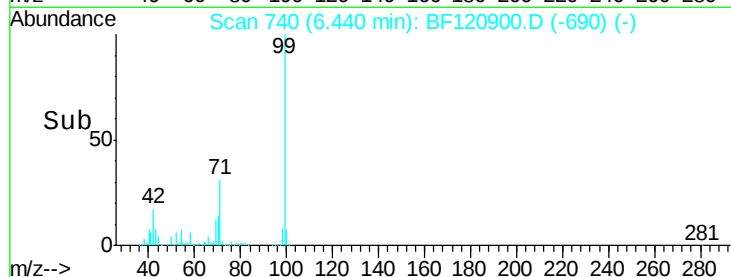
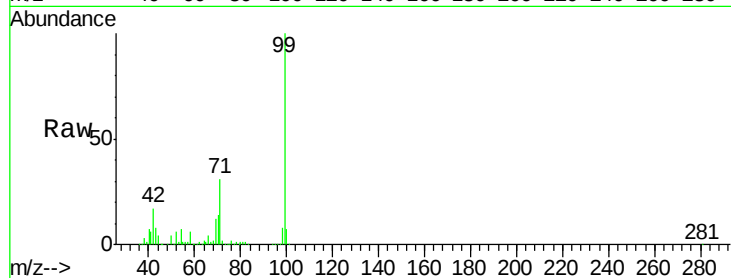
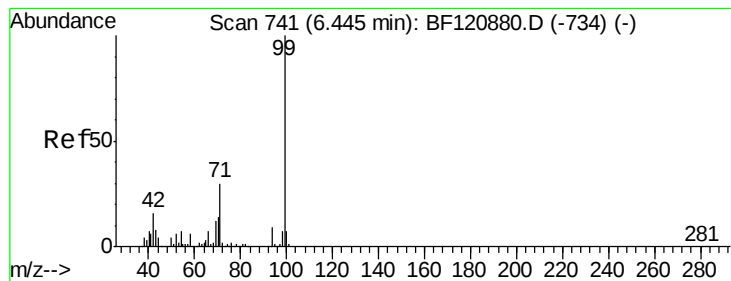


#5

2-Fluorophenol
Concen: 84.975 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120900.D
Acq: 16 Jul 2020 22:24

Tgt Ion:112 Resp: 853692
Ion Ratio Lower Upper
112 100
64 54.1 41.3 61.9
63 27.6 21.1 31.7





#7

Phenol-d6

Concen: 81.055 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120900.D

Acq: 16 Jul 2020 22:24

Instrument :

BNA_F

ClientSampled :

6

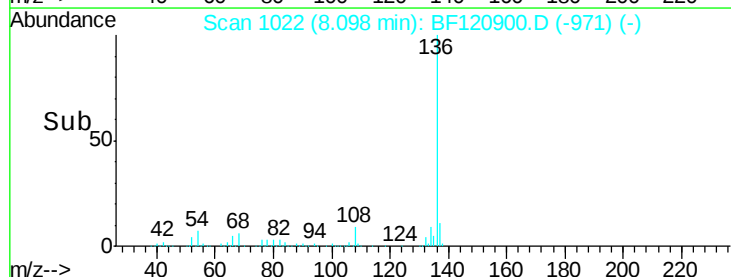
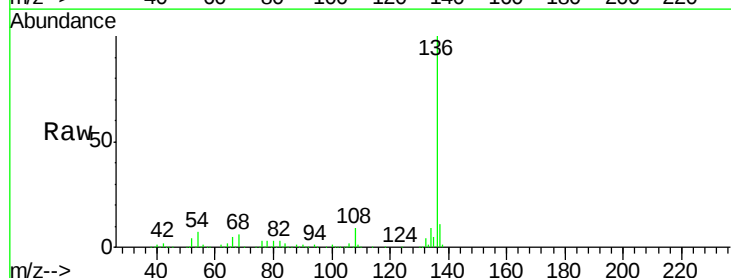
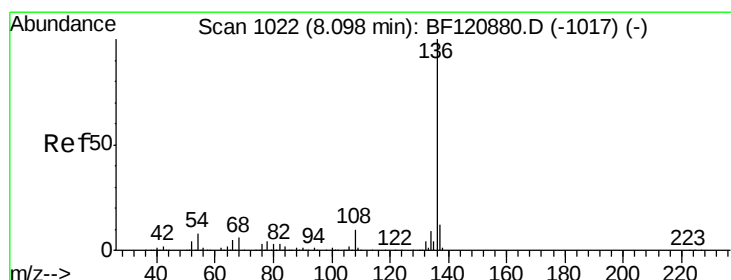
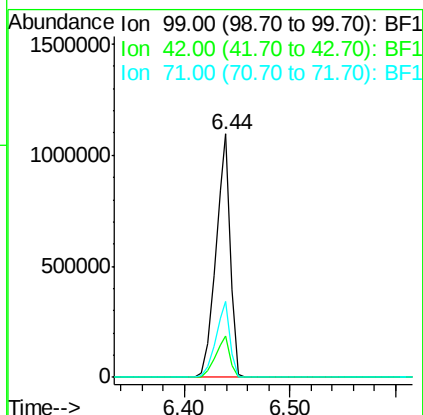
Tot Ion: 99 Resp: 1051885

Ion Ratio Lower Upper

99 100

42 16.8 13.1 19.7

71 31.1 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: BF120900.D

Acq: 16 Jul 2020 22:24

Tgt Ion: 136 Resp: 641486

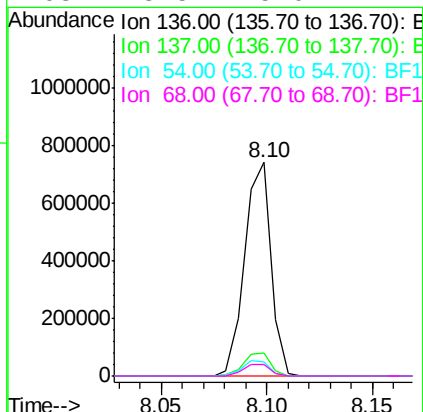
Ion Ratio Lower Upper

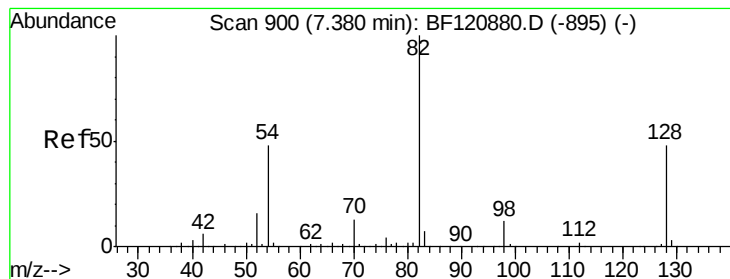
136 100

137 11.1 9.3 13.9

54 6.8 6.3 9.5

68 5.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 57.724 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120900.D

Acq: 16 Jul 2020 22:24

Instrument :

BNA_F

ClientSampleId :

6

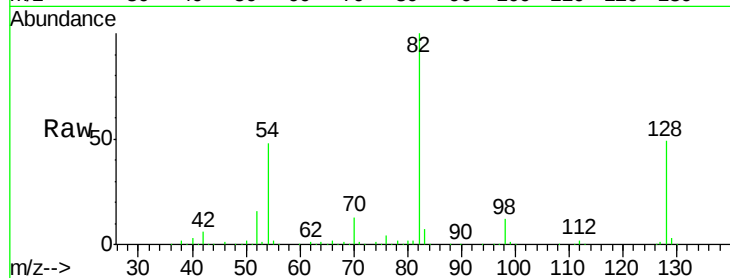
Tot Ion: 82 Resp: 639944

Ion Ratio Lower Upper

82 100

128 48.6 38.2 57.4

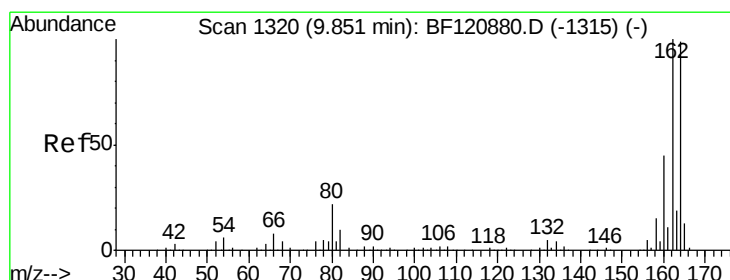
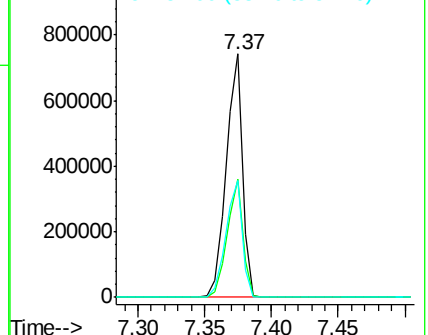
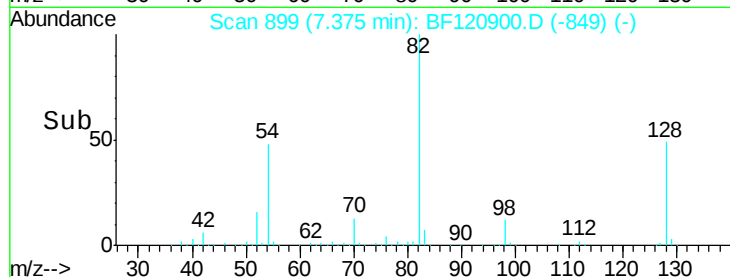
54 47.8 38.7 58.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120900.D

Acq: 16 Jul 2020 22:24

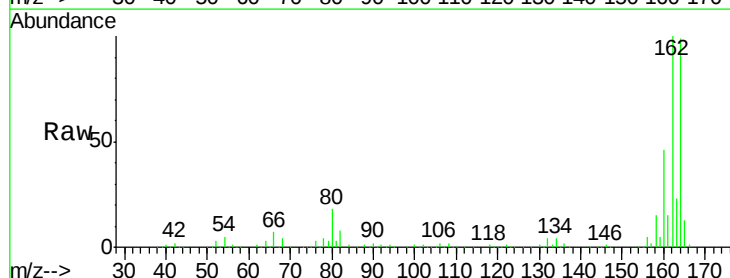
Tgt Ion:164 Resp: 338070

Ion Ratio Lower Upper

164 100

162 100.6 81.2 121.8

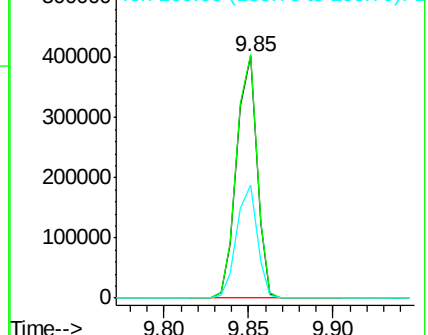
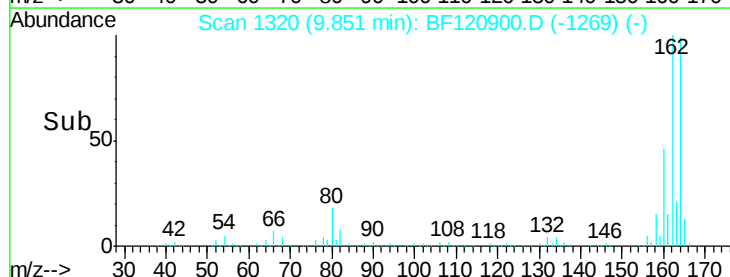
160 46.6 36.9 55.3

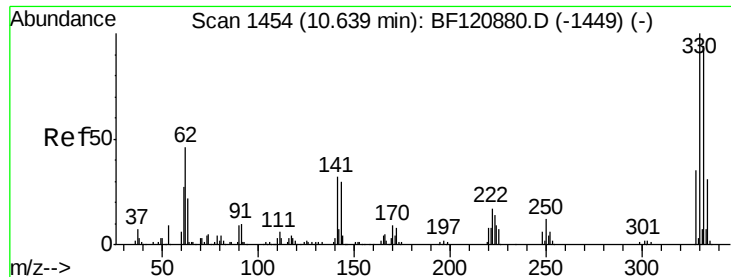


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

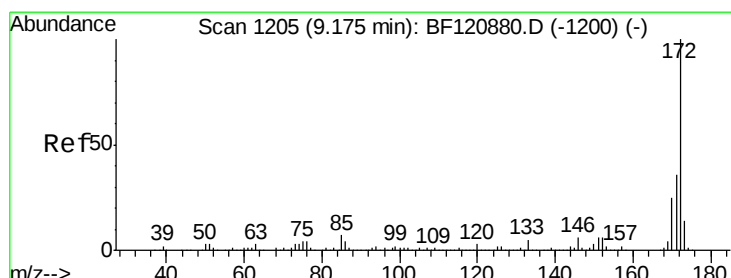
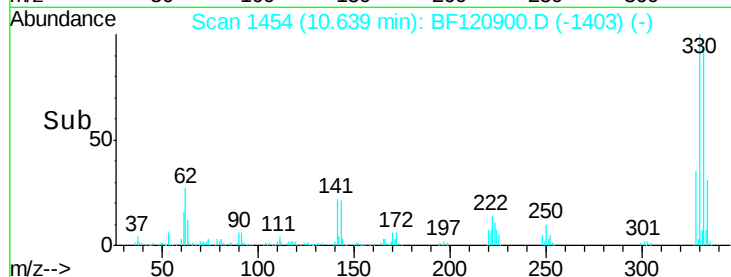
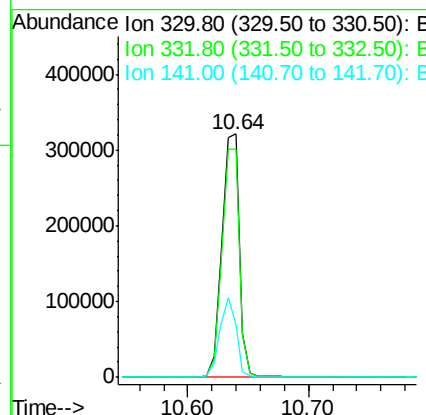
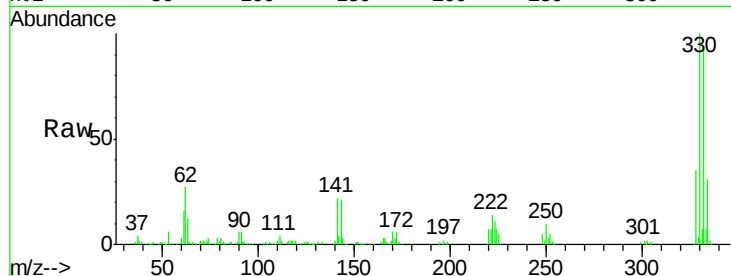




#42
 2,4,6-Tribromophenol
 Concen: 85.747 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120900.D
 Acq: 16 Jul 2020 22:24

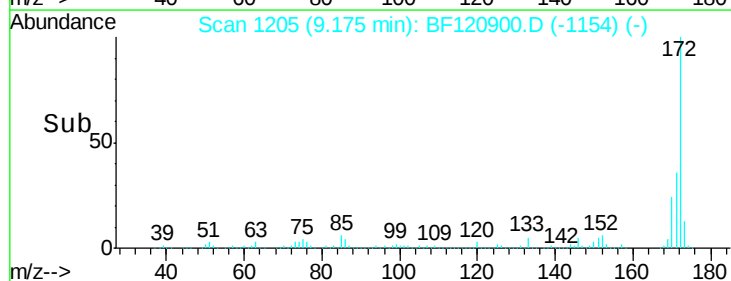
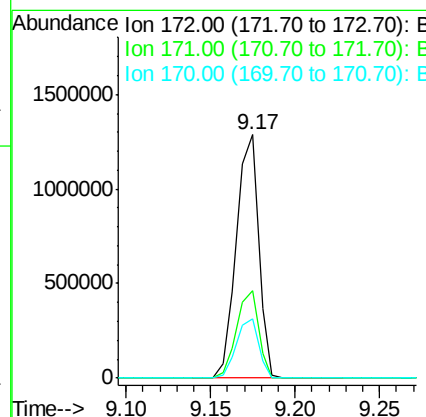
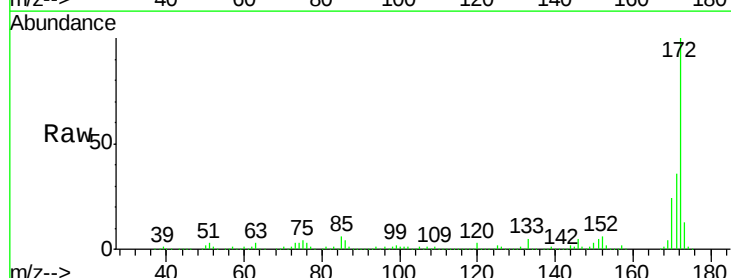
Instrument :
 BNA_F
 ClientSampleId :
 6

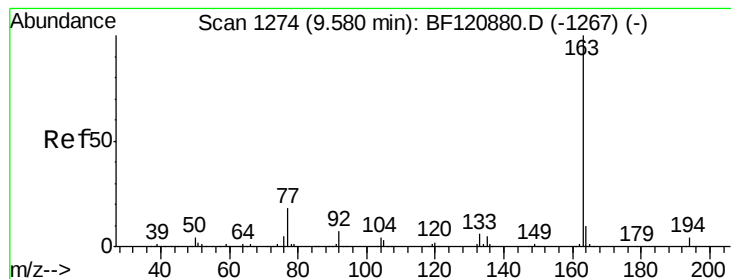
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.5	113.3
141	30.9	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 52.262 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120900.D
 Acq: 16 Jul 2020 22:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.3	19.6	29.4





#50

Dimethylphthalate

Concen: 7.188 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF120900.D

Acq: 16 Jul 2020 22:24

Instrument :

BNA_F

ClientSampleId :

6

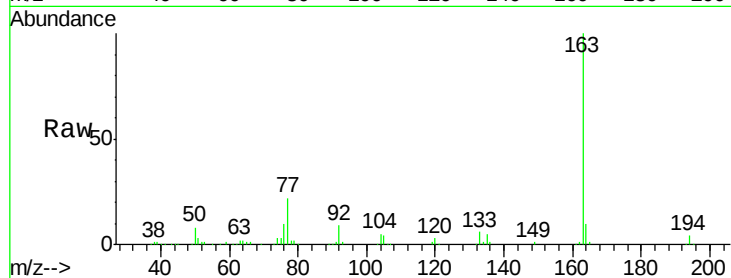
Tot Ion:163 Resp: 175316

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

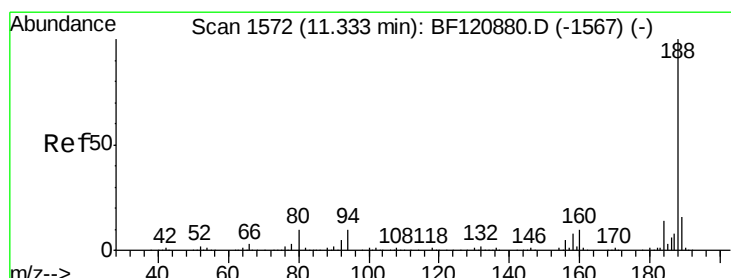
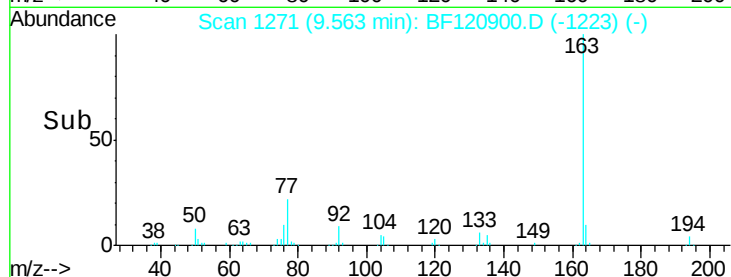
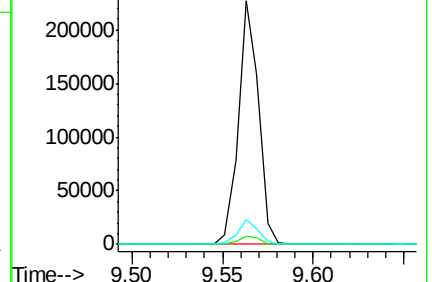
164 9.9 7.9 11.9



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: BF120900.D

Acq: 16 Jul 2020 22:24

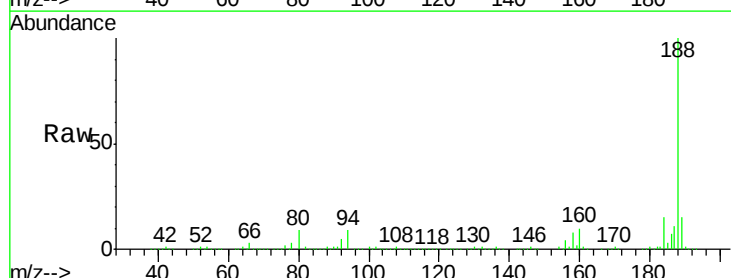
Tgt Ion:188 Resp: 669797

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

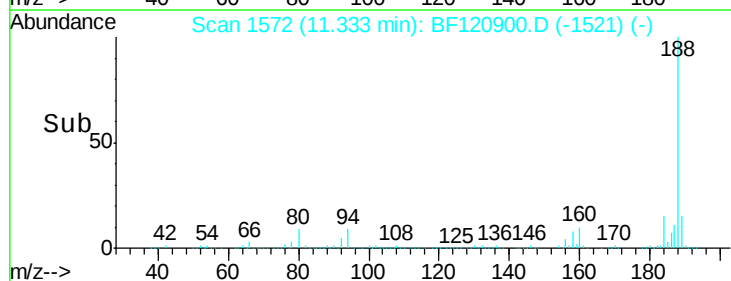
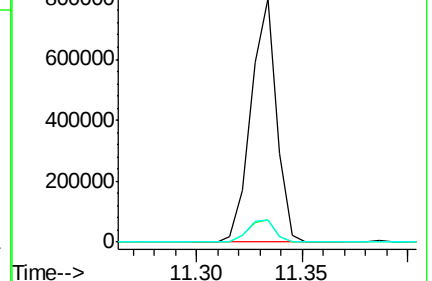
80 9.1 8.3 12.5

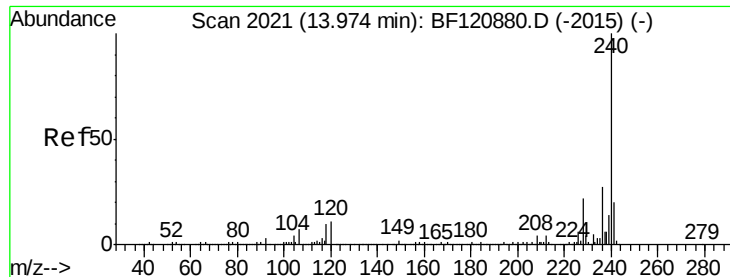


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

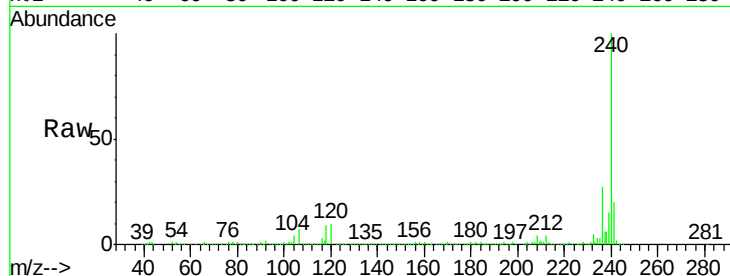




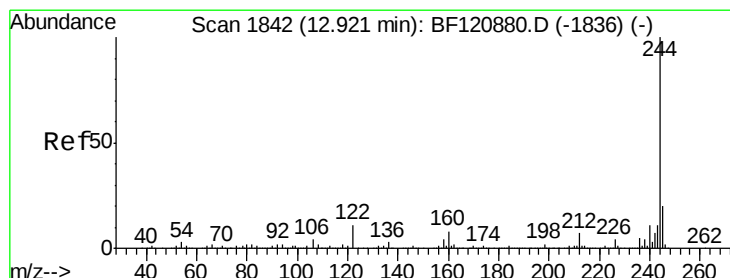
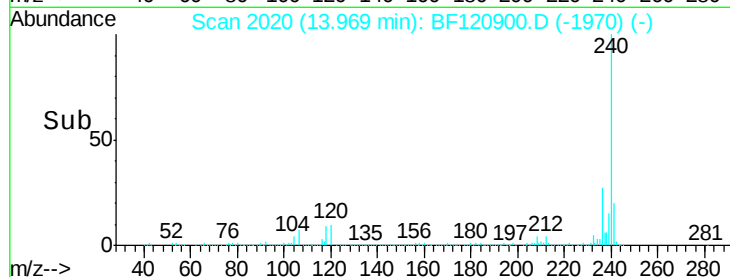
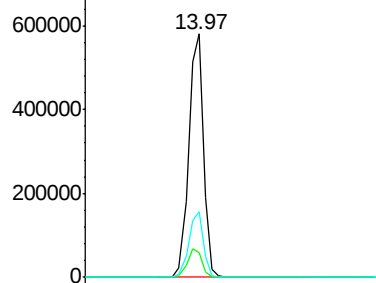
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120900.D
Acq: 16 Jul 2020 22:24

Instrument :
BNA_F
ClientSampleId :
6

Tot Ion:240 Resp: 538087
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.4
236 27.1 21.7 32.5

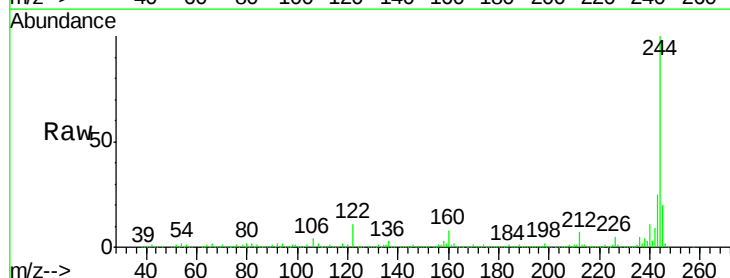


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

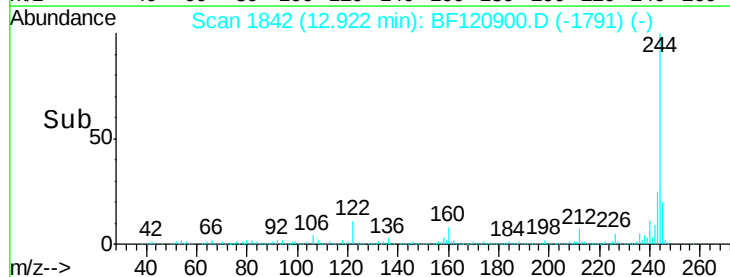
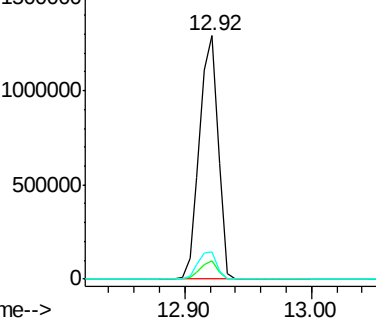


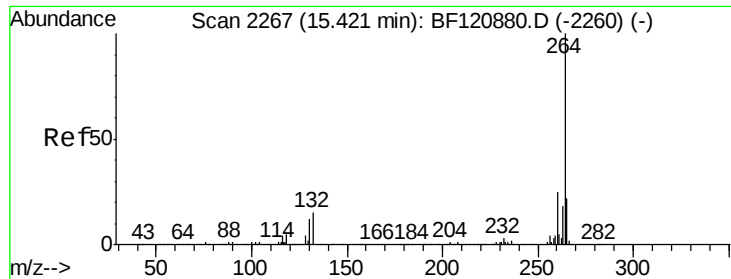
#79
Terphenyl-d14
Concen: 53.044 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF120900.D
Acq: 16 Jul 2020 22:24

Tgt Ion:244 Resp: 1313013
Ion Ratio Lower Upper
244 100
212 7.3 5.6 8.4
122 11.2 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: BF120900.D
Acq: 16 Jul 2020 22:24

Instrument :
BNA_F
ClientSampleId :
6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.0	30.0
265	21.3	17.4	26.2

