

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121044.D
 Acq On : 27 Jul 2020 21:20
 Operator : JU/CG
 Sample : L3383-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRT-015

Quant Time: Jul 28 01:08:37 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	179321	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	672822	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	378712	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	765050	20.00	ng	0.00
76) Chrysene-d12	13.97	240	579398	20.00	ng	0.00
86) Perylene-d12	15.42	264	454092	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1147792	104.93	ng	0.02
7) Phenol-d6	6.45	99	1227932	86.90	ng	0.00
23) Nitrobenzene-d5	7.37	82	989418	85.09	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	554489	133.76	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1682948	66.35	ng	0.00
79) Terphenyl-d14	12.93	244	2000017	75.04	ng	0.00

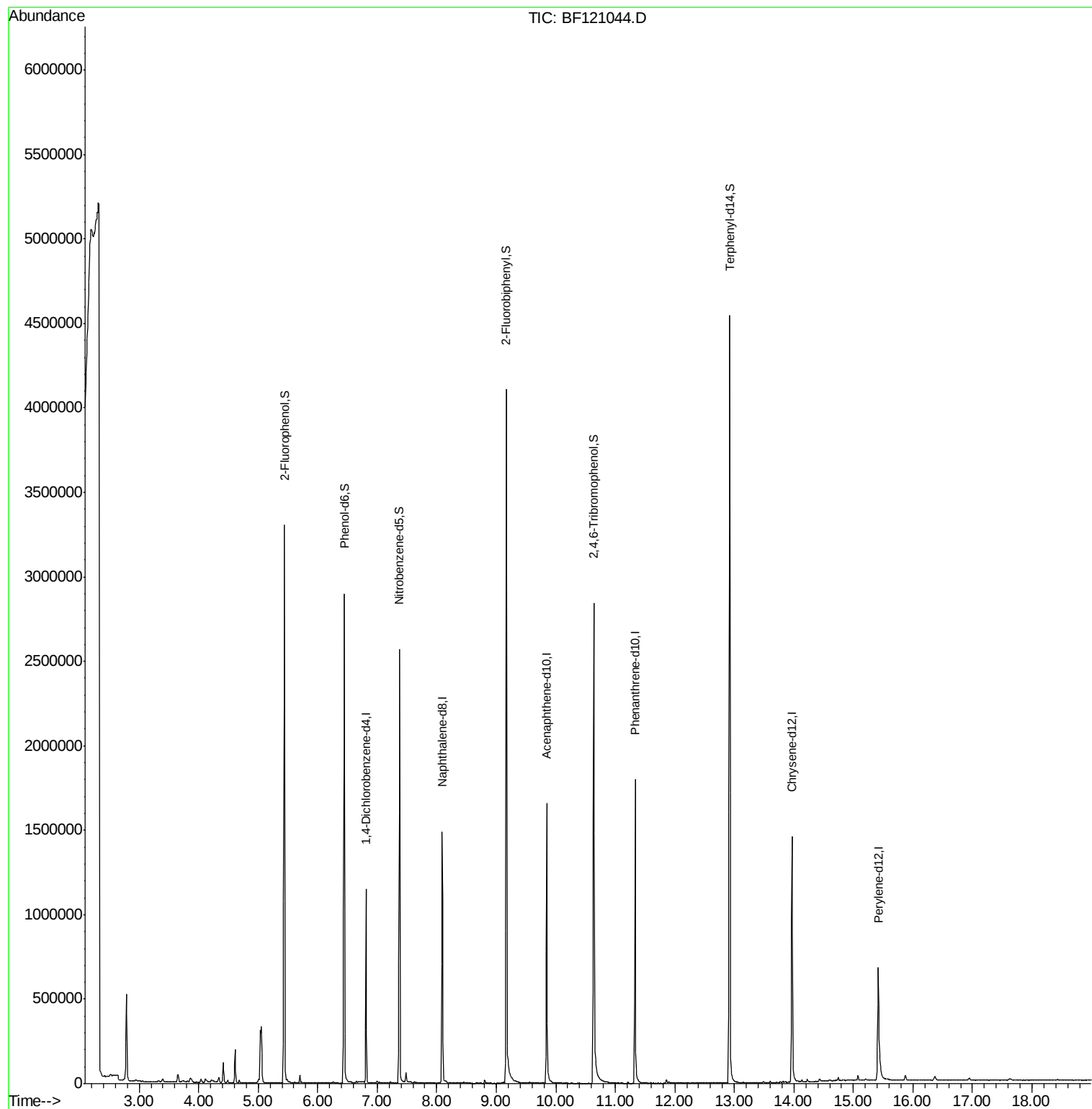
Target Compounds Qvalue

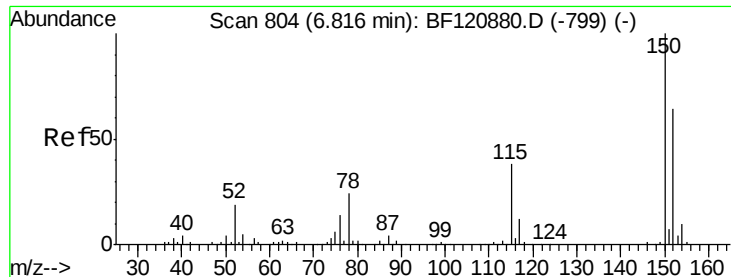
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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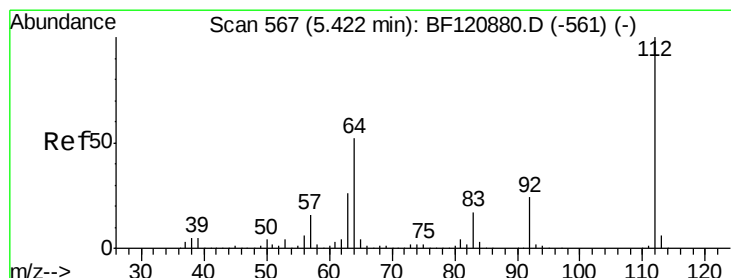
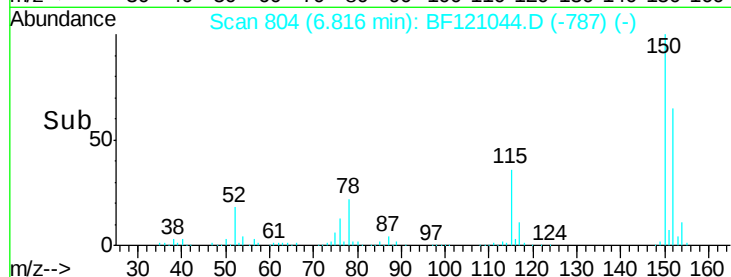
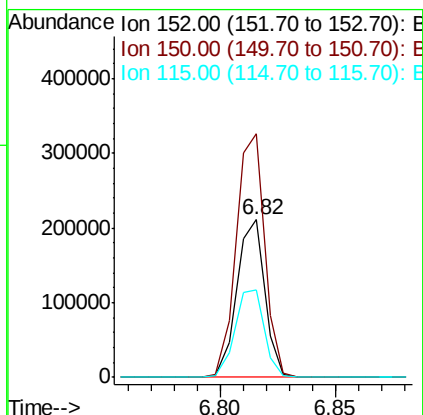
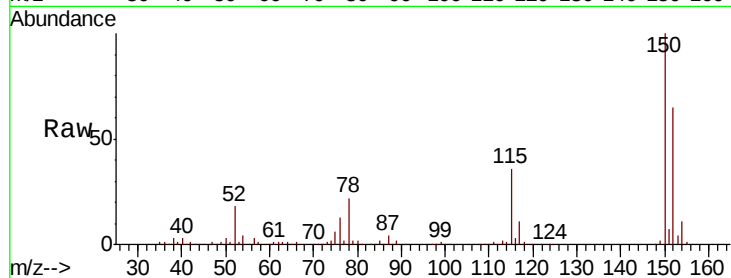


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121044.D
Acq: 27 Jul 2020 21:20

Instrument :
BNA_F
ClientSampleId :
CRT-015

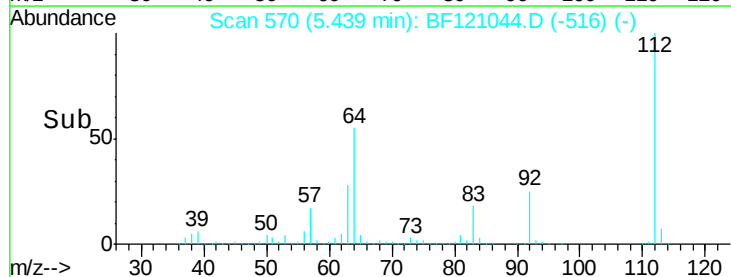
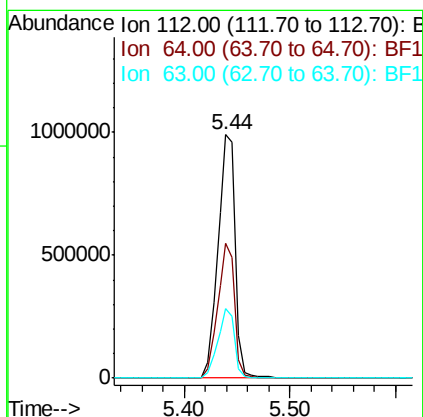
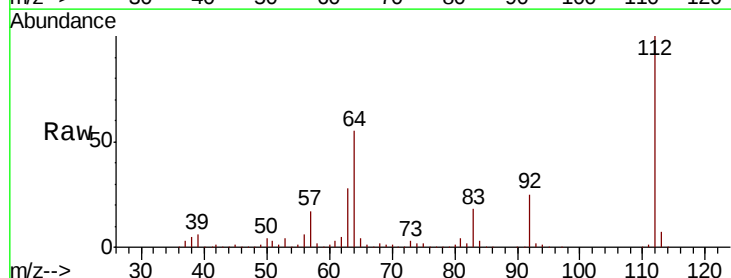
Tot Ion:152 Resp: 179321
Ion Ratio Lower Upper
152 100
150 154.5 125.0 187.6
115 55.3 47.0 70.4

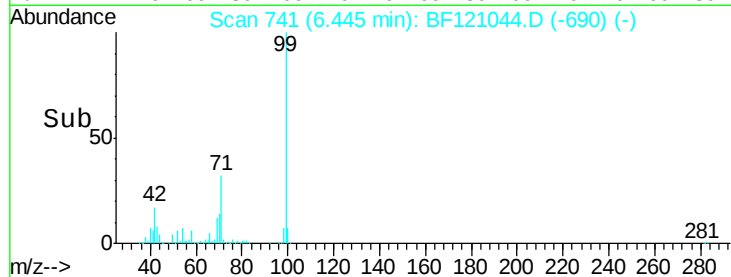
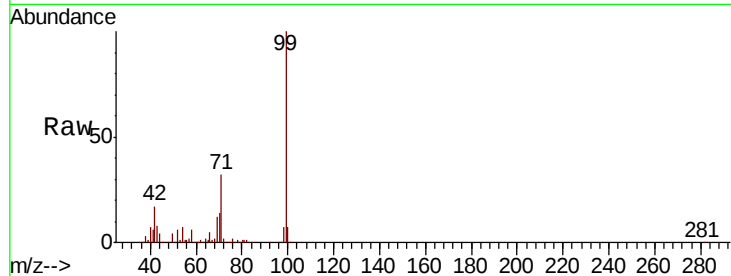


#5

2-Fluorophenol
Concen: 104.931 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF121044.D
Acq: 27 Jul 2020 21:20

Tgt Ion:112 Resp: 1147792
Ion Ratio Lower Upper
112 100
64 55.4 41.3 61.9
63 28.3 21.1 31.7





#7

Phenol-d6

Concen: 86.904 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121044.D

Acq: 27 Jul 2020 21:20

Instrument :

BNA_F

ClientSampleId :

CRT-015

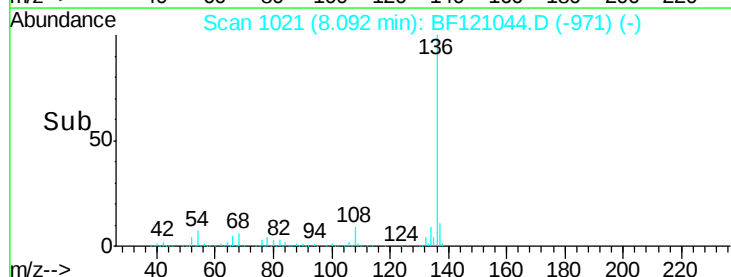
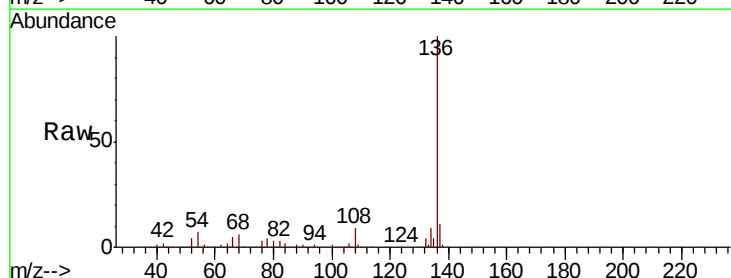
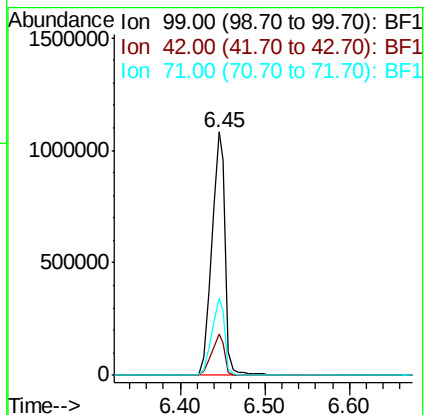
Tot Ion: 99 Resp: 1227932

Ion Ratio Lower Upper

99 100

42 17.2 13.1 19.7

71 31.7 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121044.D

Acq: 27 Jul 2020 21:20

Tgt Ion: 136 Resp: 672822

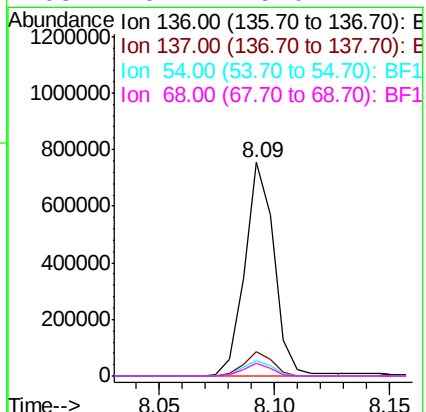
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.3 6.3 9.5

68 6.1 5.0 7.4

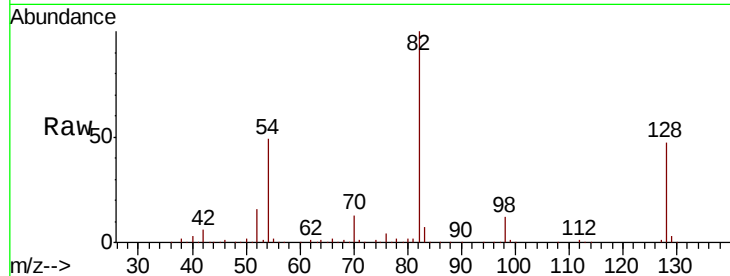




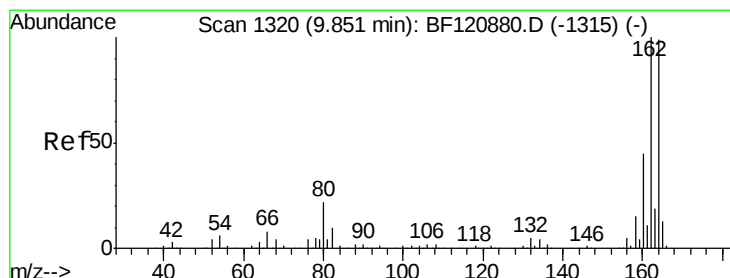
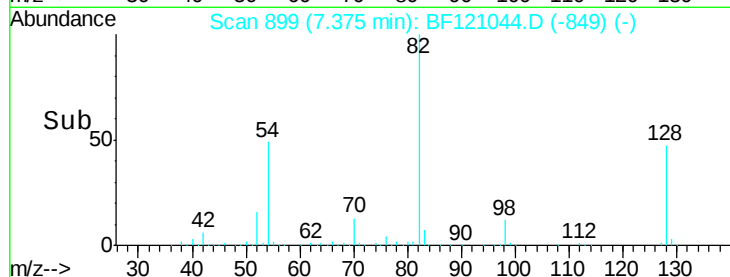
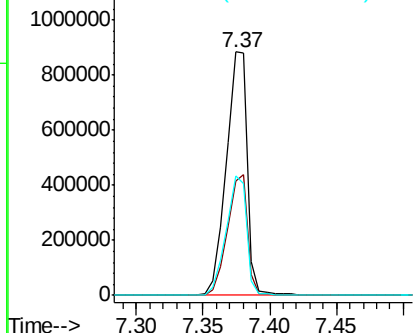
#23
Nitrobenzene-d5
Concen: 85.090 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121044.D
Acq: 27 Jul 2020 21:20

Instrument :
BNA_F
ClientSampled :
CRT-015

Tot Ion: 82 Resp: 989418
Ion Ratio Lower Upper
82 100
128 46.9 38.2 57.4
54 48.9 38.7 58.1

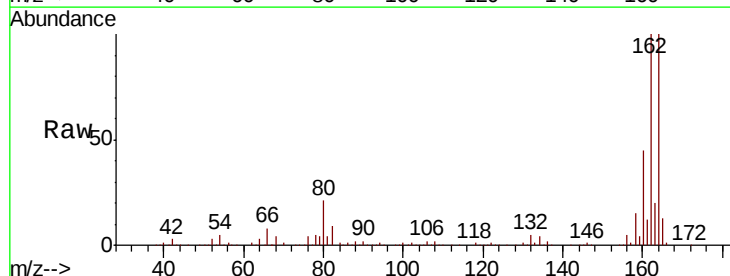


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

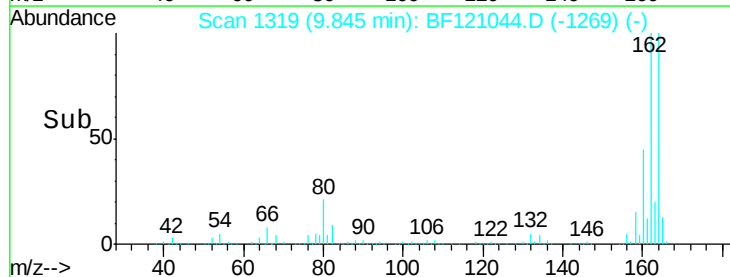
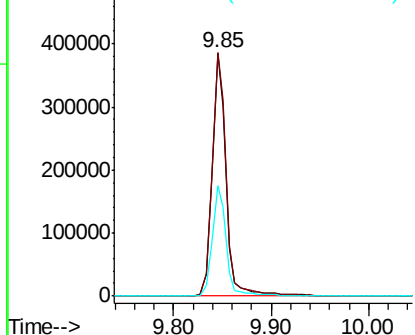


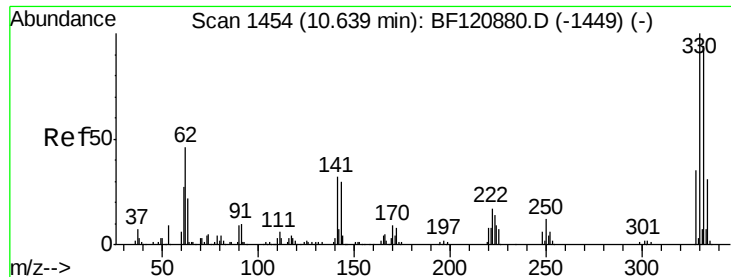
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121044.D
Acq: 27 Jul 2020 21:20

Tgt Ion: 164 Resp: 378712
Ion Ratio Lower Upper
164 100
162 100.4 81.2 121.8
160 45.6 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

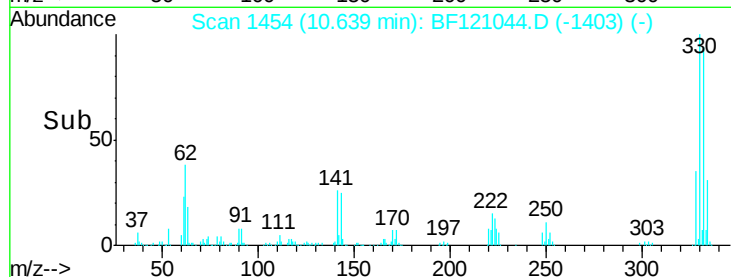
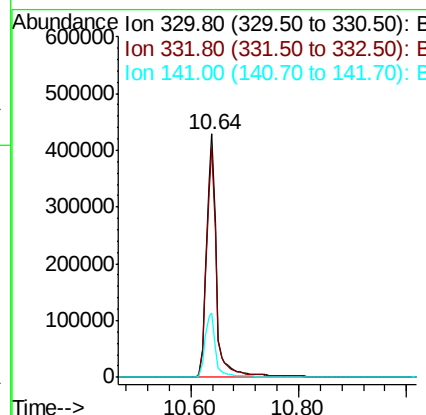
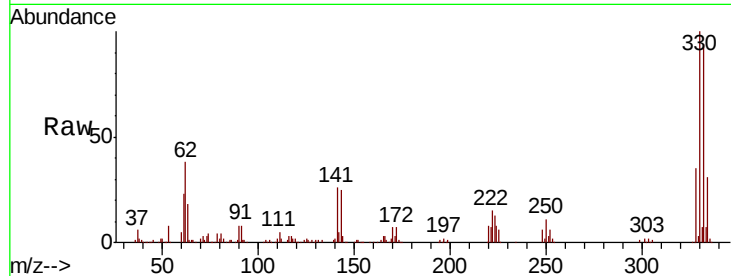




#42
 2,4,6-Tribromophenol
 Concen: 133.761 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121044.D
 Acq: 27 Jul 2020 21:20

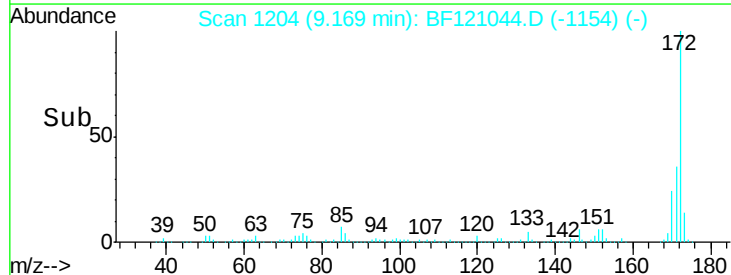
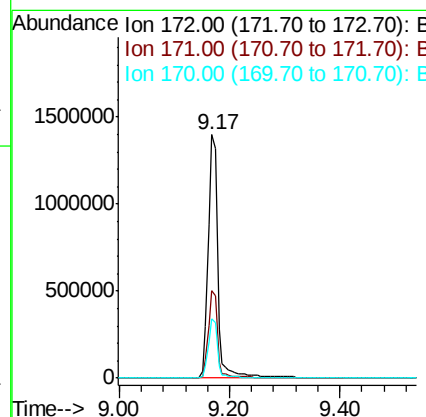
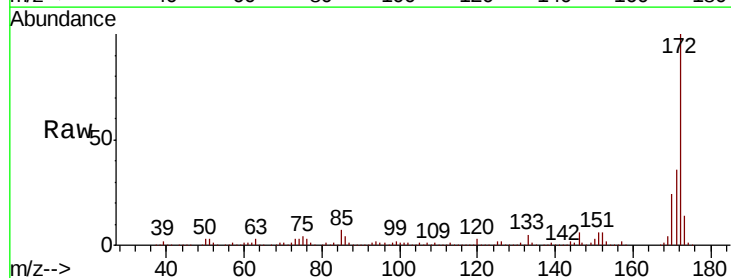
Instrument :
 BNA_F
 ClientSampleId :
 CRT-015

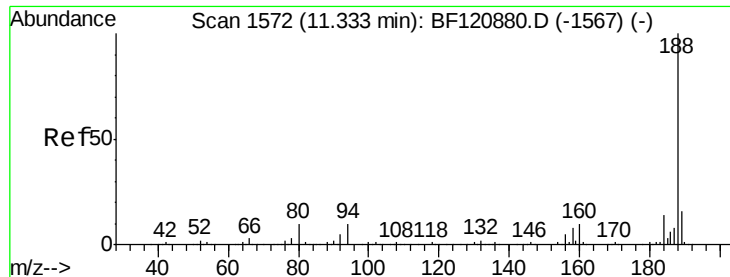
Tot Ion	Ratio	Lower	Upper
330	100		
332	92.8	75.5	113.3
141	28.4	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 66.349 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121044.D
 Acq: 27 Jul 2020 21:20

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

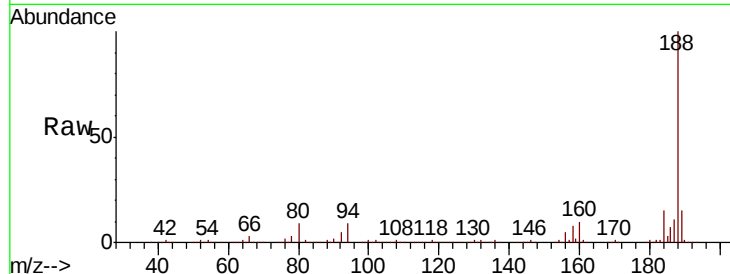




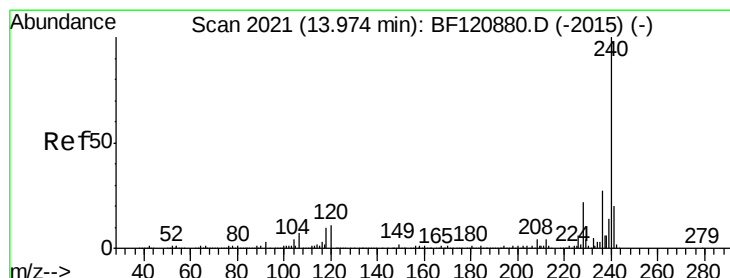
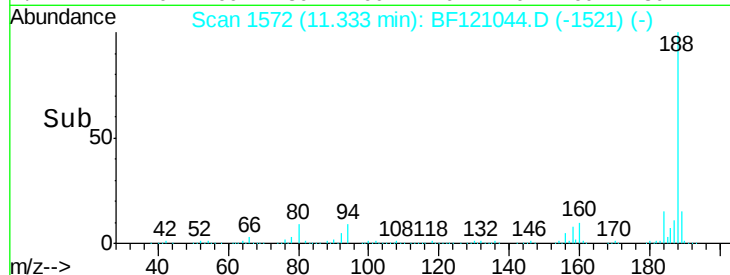
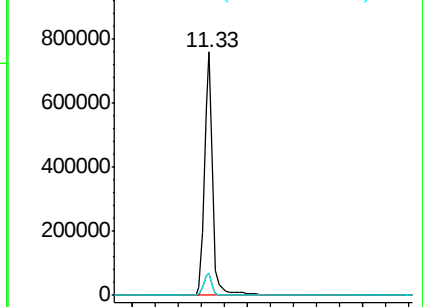
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121044.D
Acq: 27 Jul 2020 21:20

Instrument :
BNA_F
ClientSampled :
CRT-015

Tot Ion:188 Resp: 765050
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.3 8.3 12.5

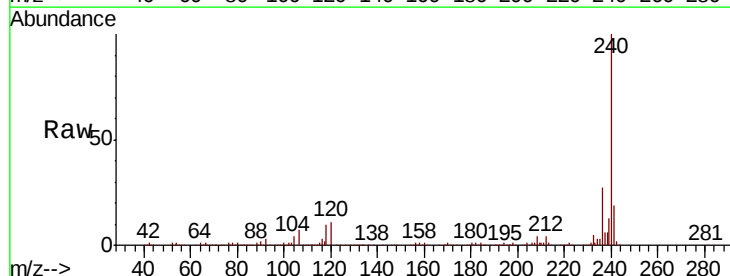


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

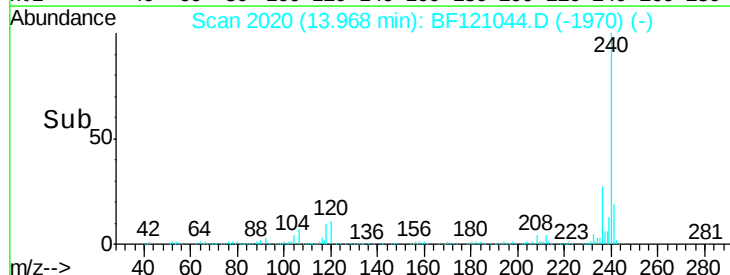
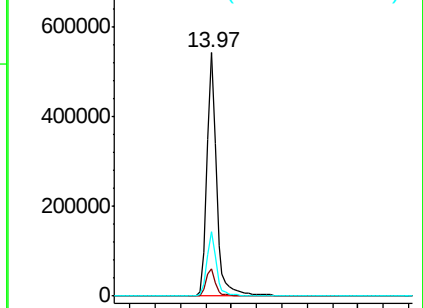


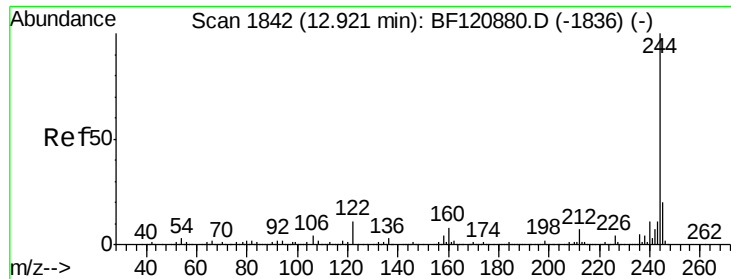
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121044.D
Acq: 27 Jul 2020 21:20

Tgt Ion:240 Resp: 579398
Ion Ratio Lower Upper
240 100
120 11.1 9.0 13.4
236 26.7 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

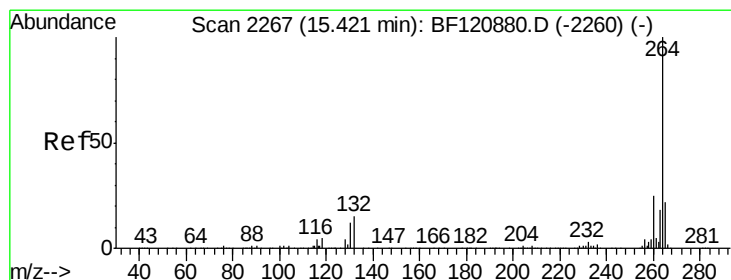
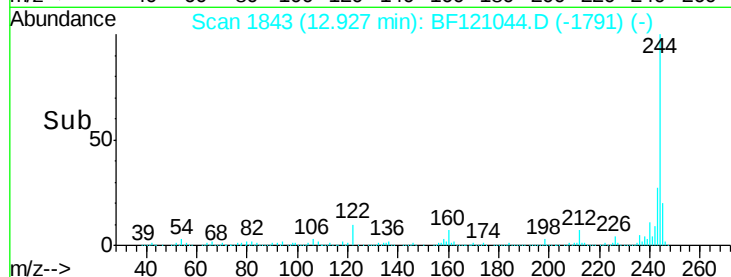
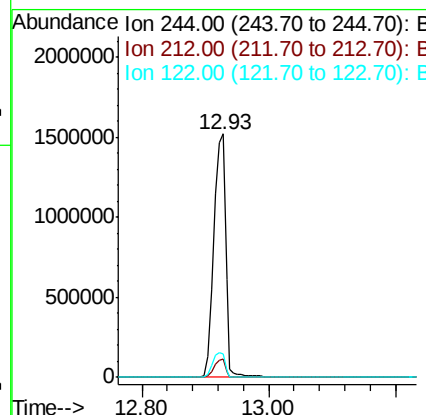
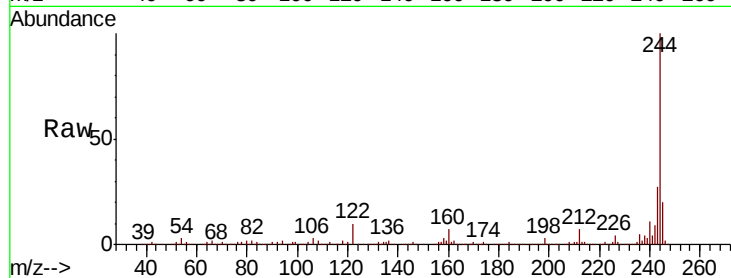




#79
 Terphenyl-d14
 Concen: 75.037 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF121044.D
 Acq: 27 Jul 2020 21:20

Instrument :
 BNA_F
 ClientSampleId :
 CRT-015

Tot Ion:244 Resp: 2000017
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 9.7 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF121044.D
 Acq: 27 Jul 2020 21:20

Tgt Ion:264 Resp: 454092
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.0 30.0
 265 21.2 17.4 26.2

