

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
 Data File : BF120970.D
 Acq On : 22 Jul 2020 18:06
 Operator : JU/CG
 Sample : L3187-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-072120

Quant Time: Jul 23 01:19:18 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	163417	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	610042	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	335904	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	646782	20.00	ng	0.00
76) Chrysene-d12	13.97	240	542148	20.00	ng	0.00
86) Perylene-d12	15.42	264	446536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	961144	96.42	ng	0.02
7) Phenol-d6	6.45	99	1046684	81.29	ng	0.00
23) Nitrobenzene-d5	7.37	82	811336	76.96	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	401956	109.32	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1467134	65.21	ng	0.00
79) Terphenyl-d14	12.92	244	1621700	65.02	ng	0.00

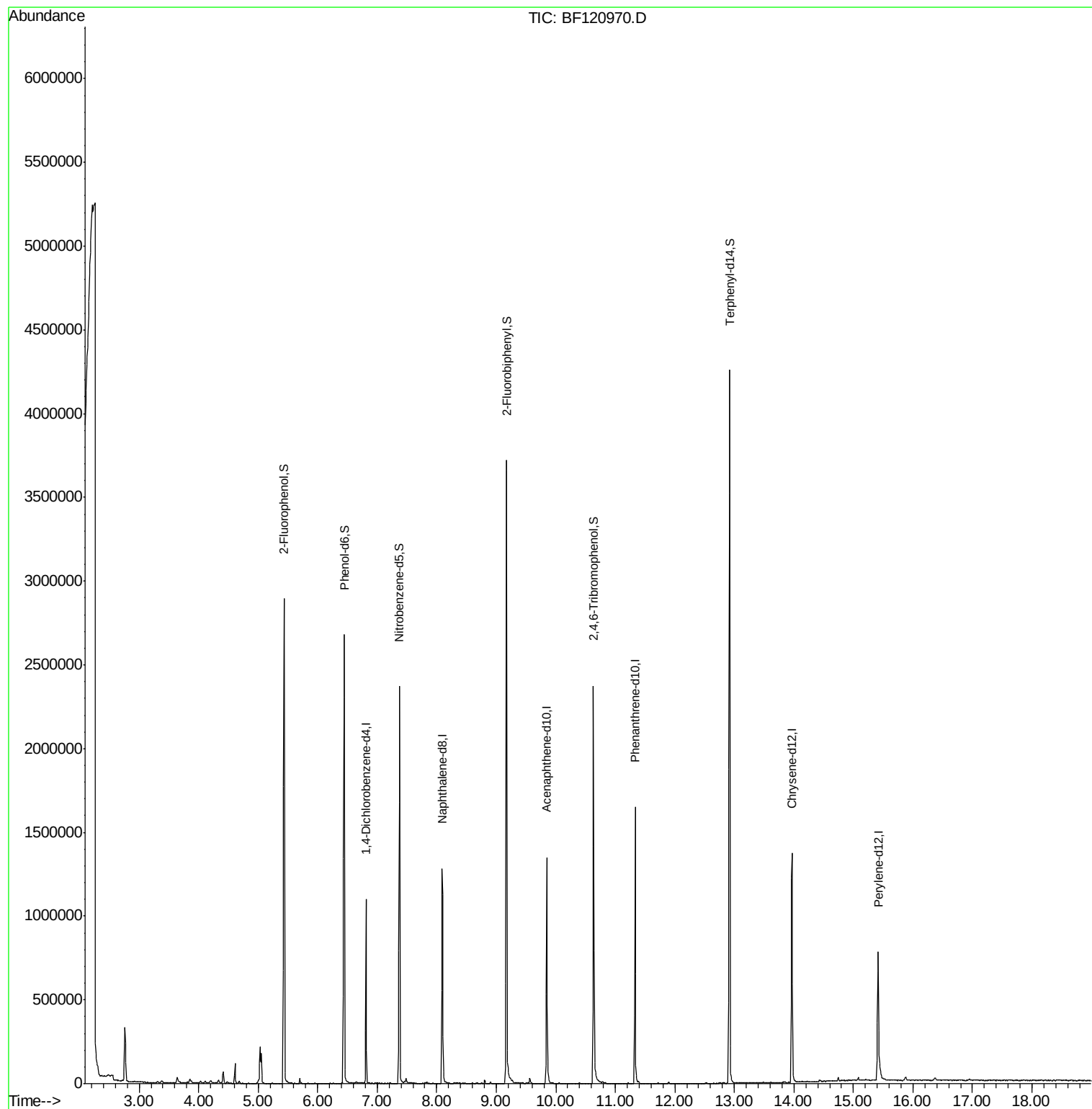
Target Compounds Qvalue

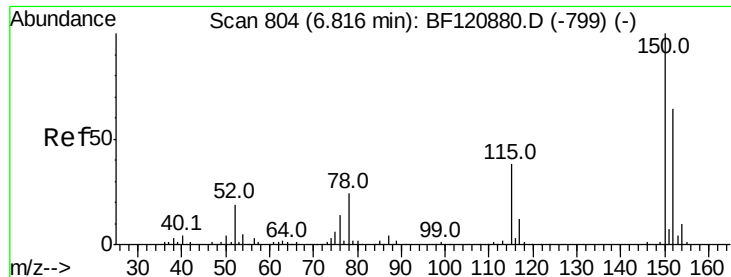
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
Data File : BF120970.D
Acq On : 22 Jul 2020 18:06
Operator : JU/CG
Sample : L3187-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-072120

Quant Time: Jul 23 01:19:18 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



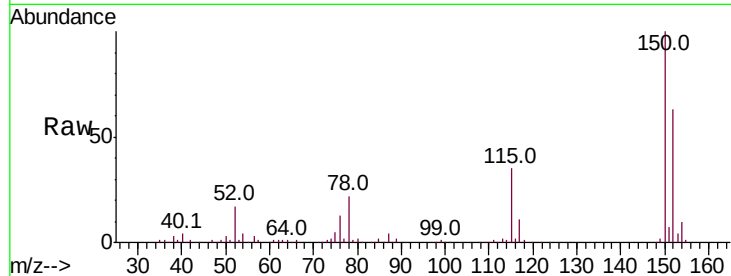


#1

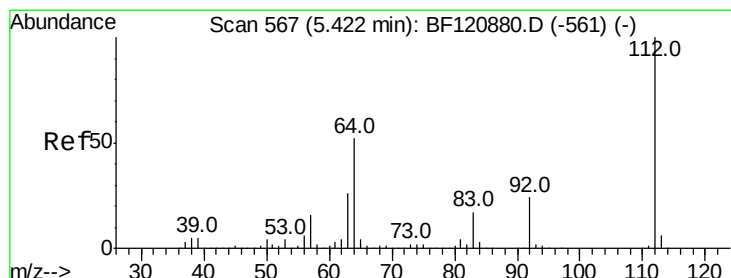
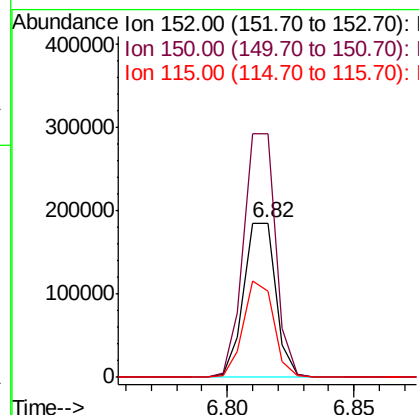
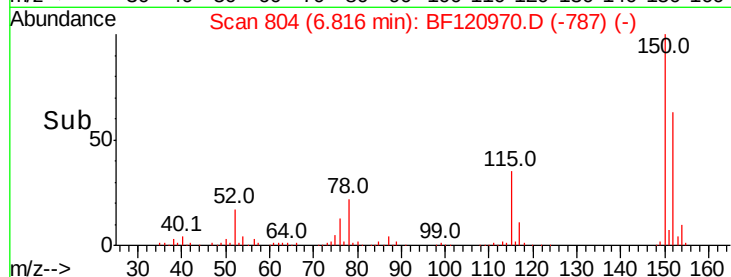
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120970.D
Acq: 22 Jul 2020 18:06

Instrument :
BNA_F
ClientSampleId :
SU-04-072120

Tot Ion:152 Resp: 163417
Ion Ratio Lower Upper
152 100
150 157.5 125.0 187.6
115 55.8 47.0 70.4



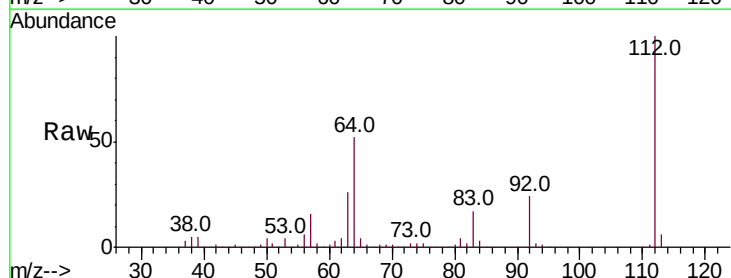
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



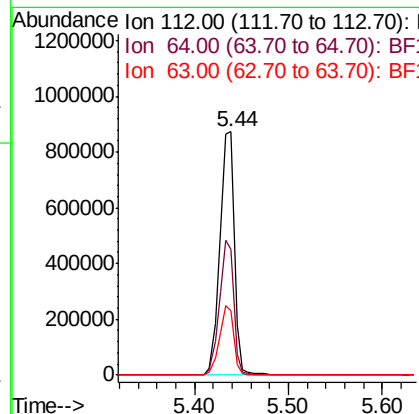
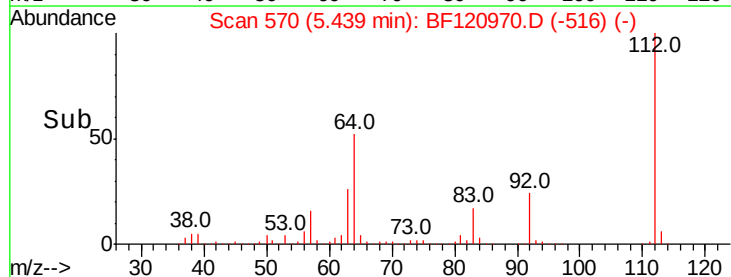
#5

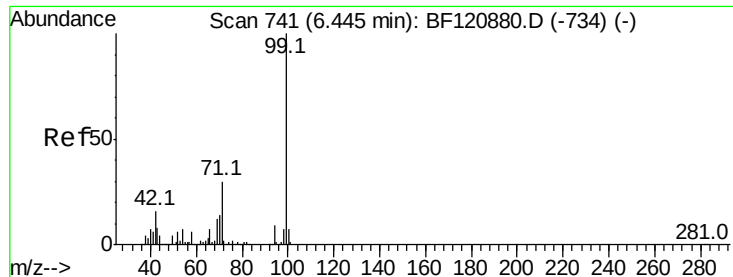
2-Fluorophenol
Concen: 96.419 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF120970.D
Acq: 22 Jul 2020 18:06

Tgt Ion:112 Resp: 961144
Ion Ratio Lower Upper
112 100
64 51.5 41.3 61.9
63 26.4 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: 81.286 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF120970.D

Acq: 22 Jul 2020 18:06

Instrument :

BNA_F

ClientSampleId :

SU-04-072120

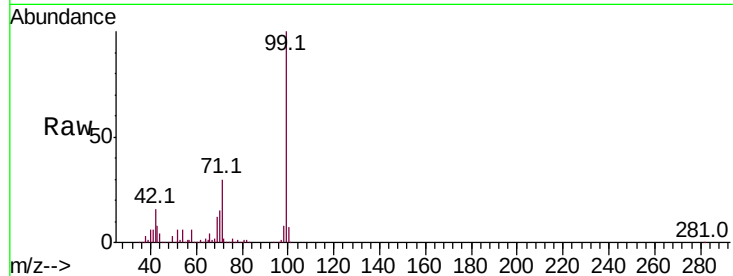
Tot Ion: 99 Resp: 1046684

Ion Ratio Lower Upper

99 100

42 16.3 13.1 19.7

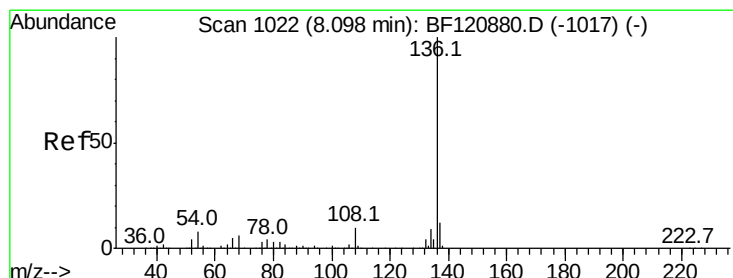
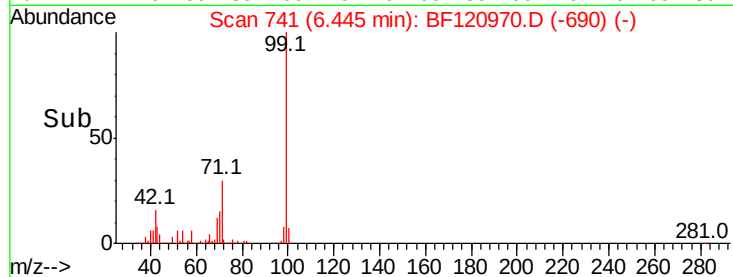
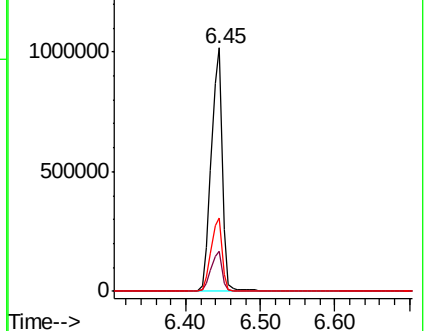
71 30.1 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF120970.D

Acq: 22 Jul 2020 18:06

Tgt Ion: 136 Resp: 610042

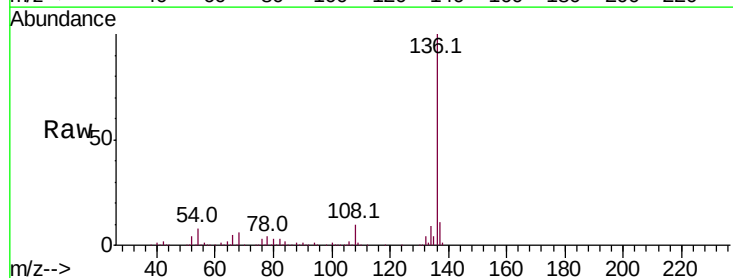
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 8.0 6.3 9.5

68 6.3 5.0 7.4

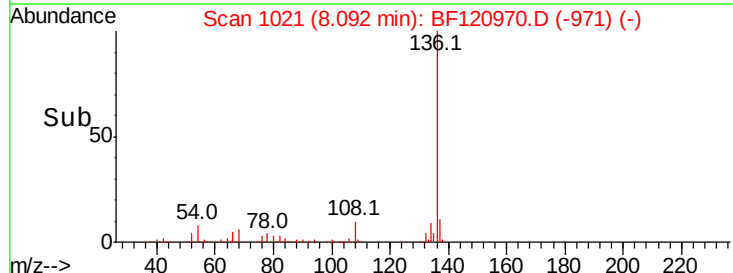
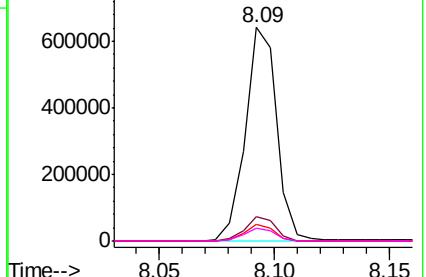


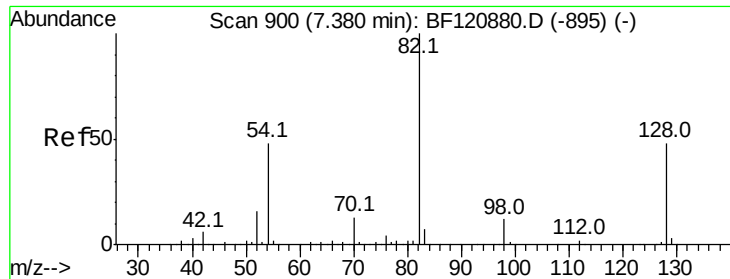
Abundance Ion 136.00 (135.70 to 136.70): E

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

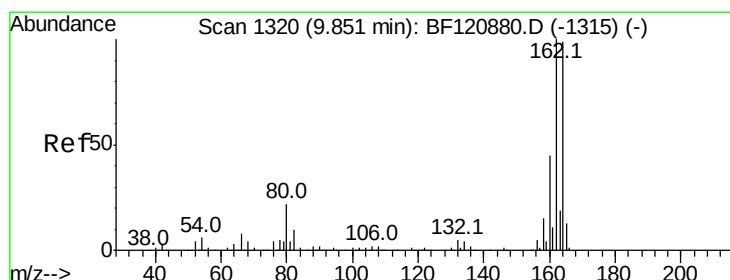
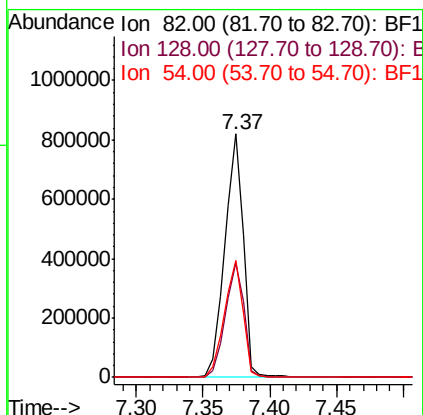
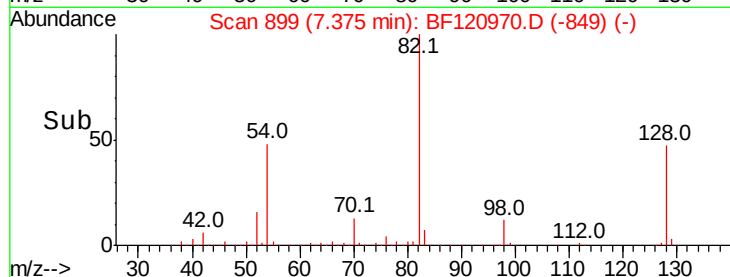
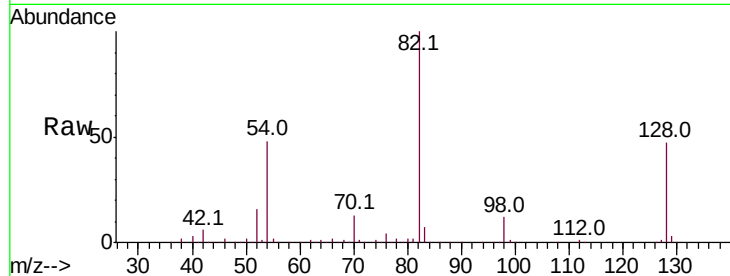




#23
 Nitrobenzene-d5
 Concen: 76.956 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120970.D
 Acq: 22 Jul 2020 18:06

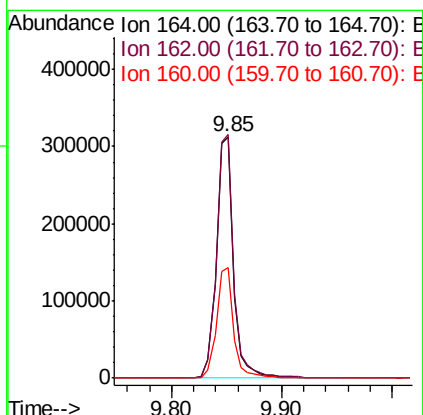
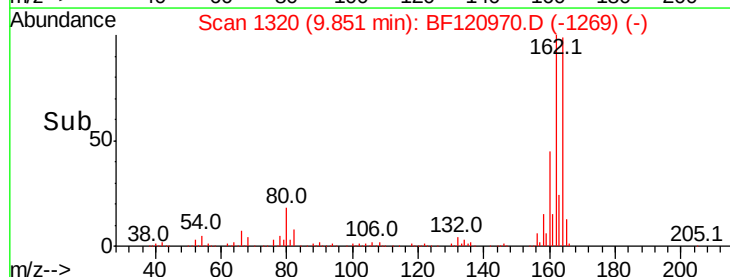
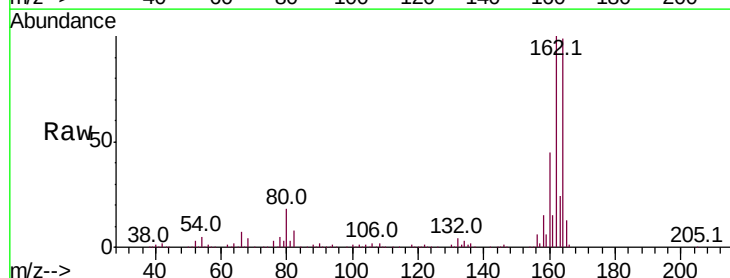
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-072120

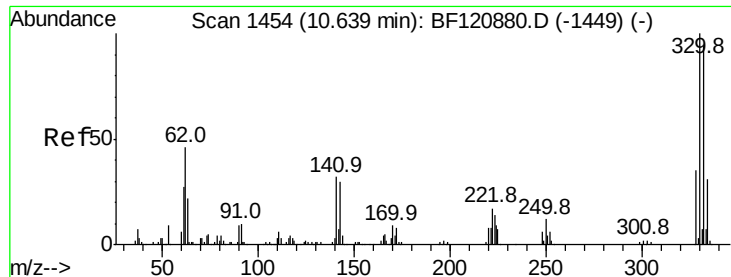
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	38.2	57.4
54	48.0	38.7	58.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF120970.D
 Acq: 22 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.2	121.8
160	45.7	36.9	55.3

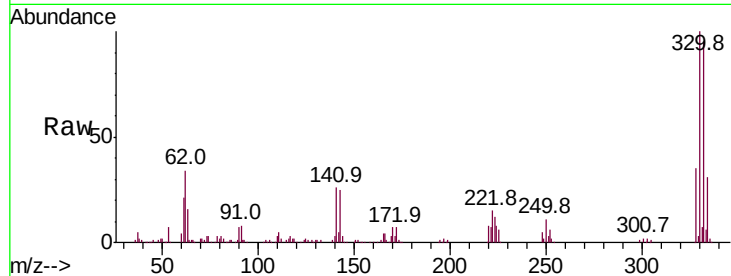




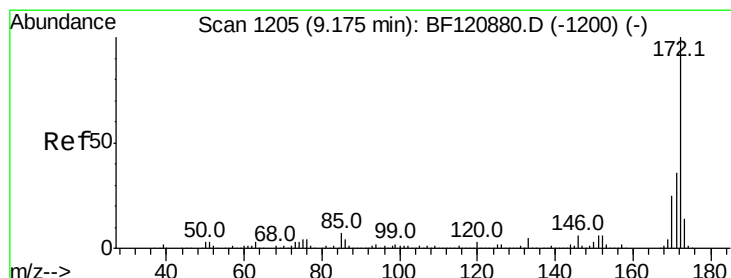
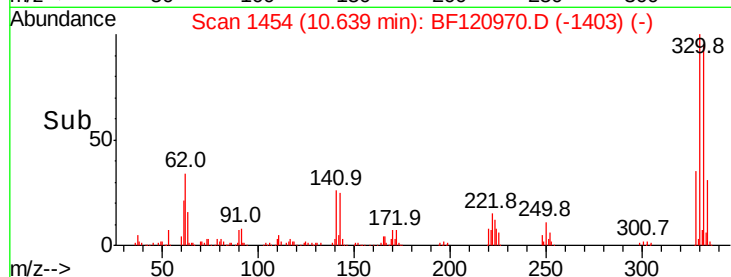
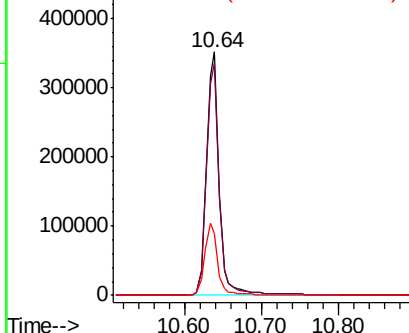
#42
 2,4,6-Tribromophenol
 Concen: 109.322 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF120970.D
 Acq: 22 Jul 2020 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-072120

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.5	113.3
141	30.9	25.7	38.5

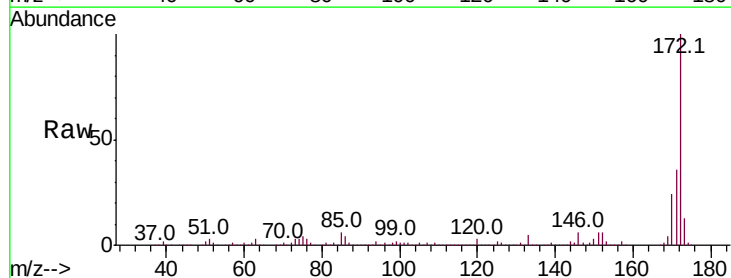


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

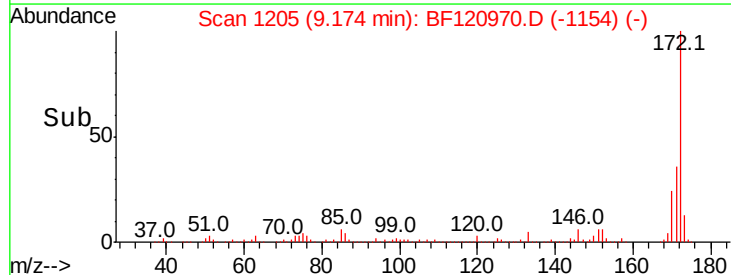
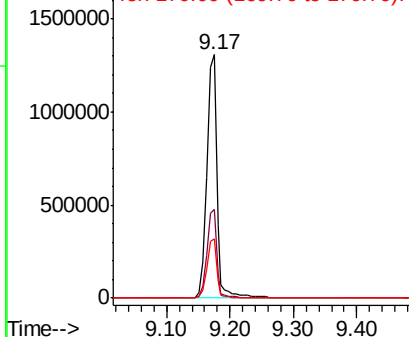


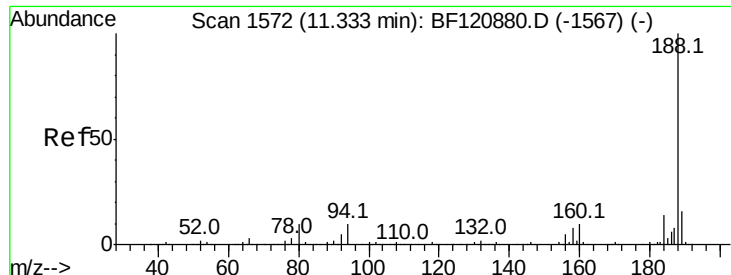
#45
 2-Fluorobiphenyl
 Concen: 65.212 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF120970.D
 Acq: 22 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.4	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

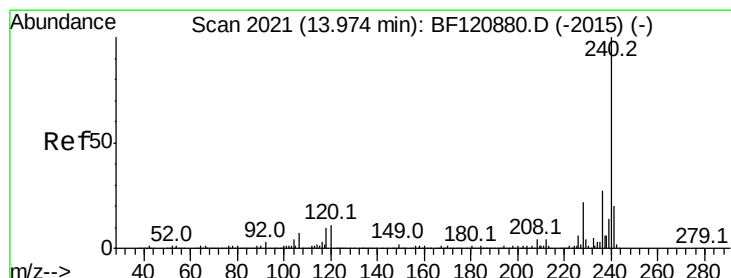
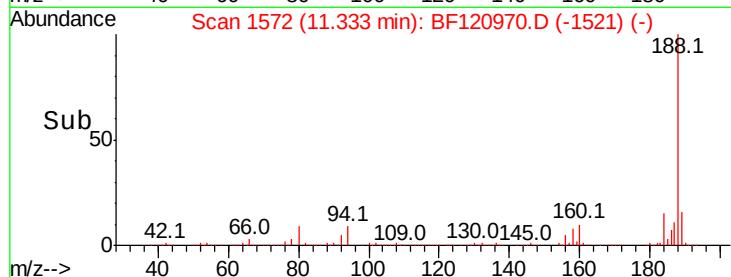
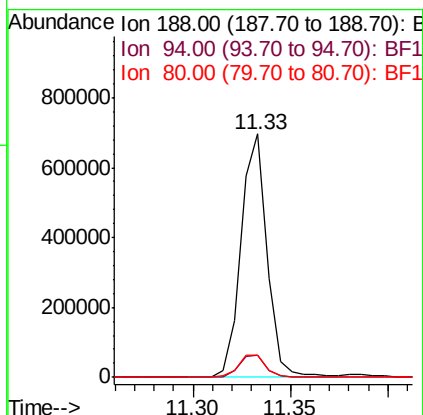
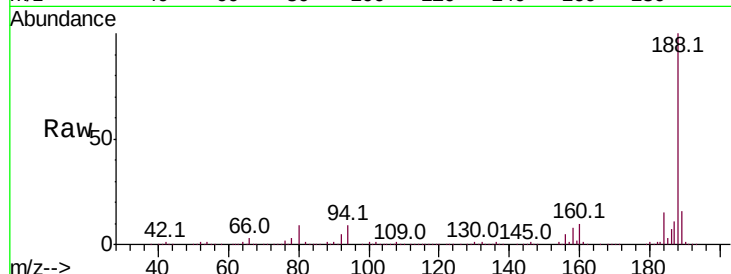




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF120970.D
Acq: 22 Jul 2020 18:06

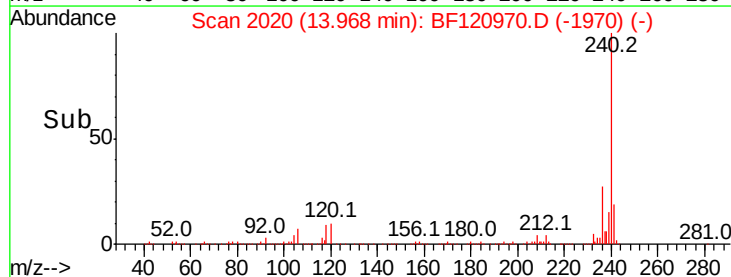
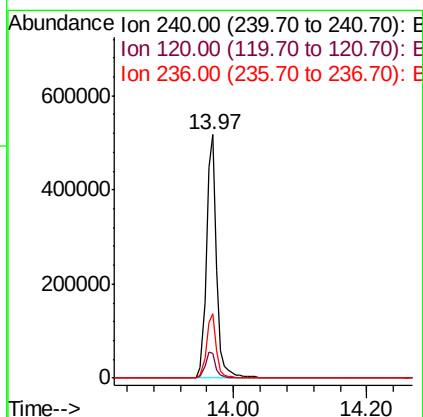
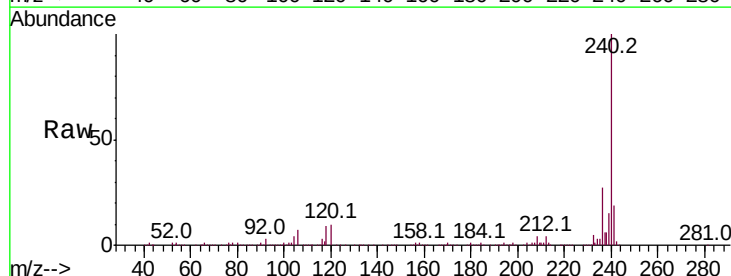
Instrument :
BNA_F
ClientSampleId :
SU-04-072120

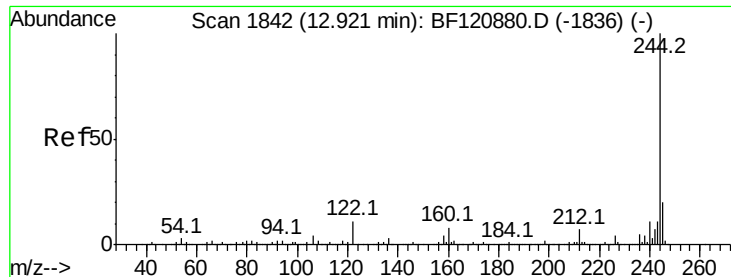
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	9.1	8.3	12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120970.D
Acq: 22 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.0	13.4
236	26.5	21.7	32.5





#79

Terphenyl-d14

Concen: 65.023 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF120970.D

Acq: 22 Jul 2020 18:06

Instrument :

BNA_F

ClientSampleId :

SU-04-072120

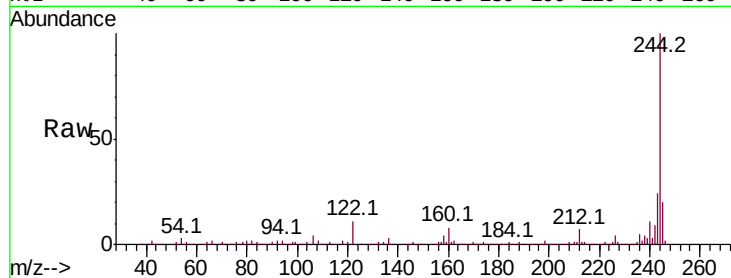
Tot Ion:244 Resp: 1621700

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

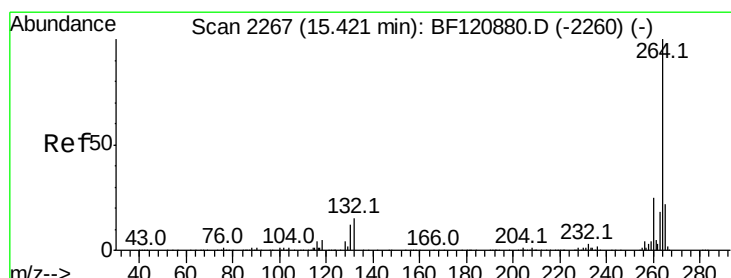
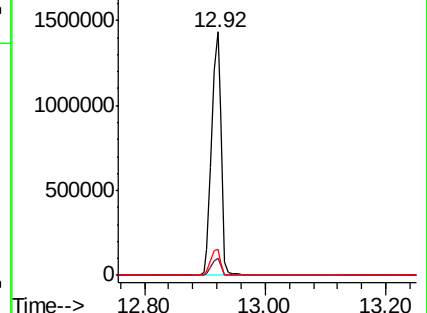
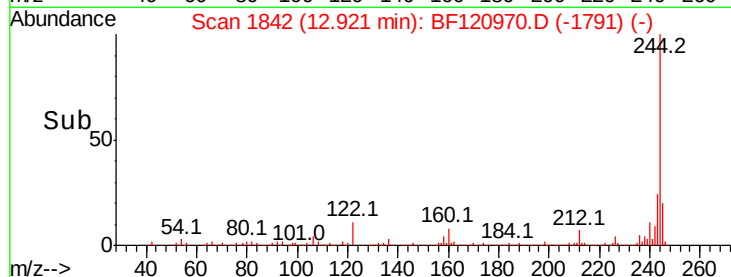
122 10.5 8.9 13.3



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF120970.D

Acq: 22 Jul 2020 18:06

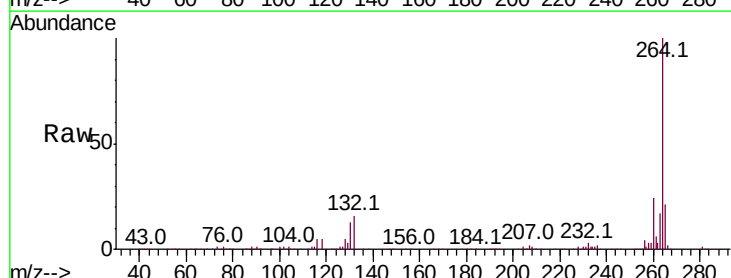
Tgt Ion:264 Resp: 446536

Ion Ratio Lower Upper

264 100

260 24.4 20.0 30.0

265 21.3 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

