

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081020\
 Data File : BF121235.D
 Acq On : 10 Aug 2020 13:43
 Operator : JU/CG
 Sample : L3594-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Aug 10 14:13:05 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	128986	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	497202	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	256281	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	491817	20.00	ng	0.00
76) Chrysene-d12	13.96	240	437603	20.00	ng	0.00
86) Perylene-d12	15.42	264	416098	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	789230	100.31	ng	0.00
7) Phenol-d6	6.43	99	861329	84.75	ng	-0.01
23) Nitrobenzene-d5	7.36	82	695555	80.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	333539	118.90	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1262351	73.54	ng	0.00
79) Terphenyl-d14	12.92	244	1310356	65.09	ng	0.00

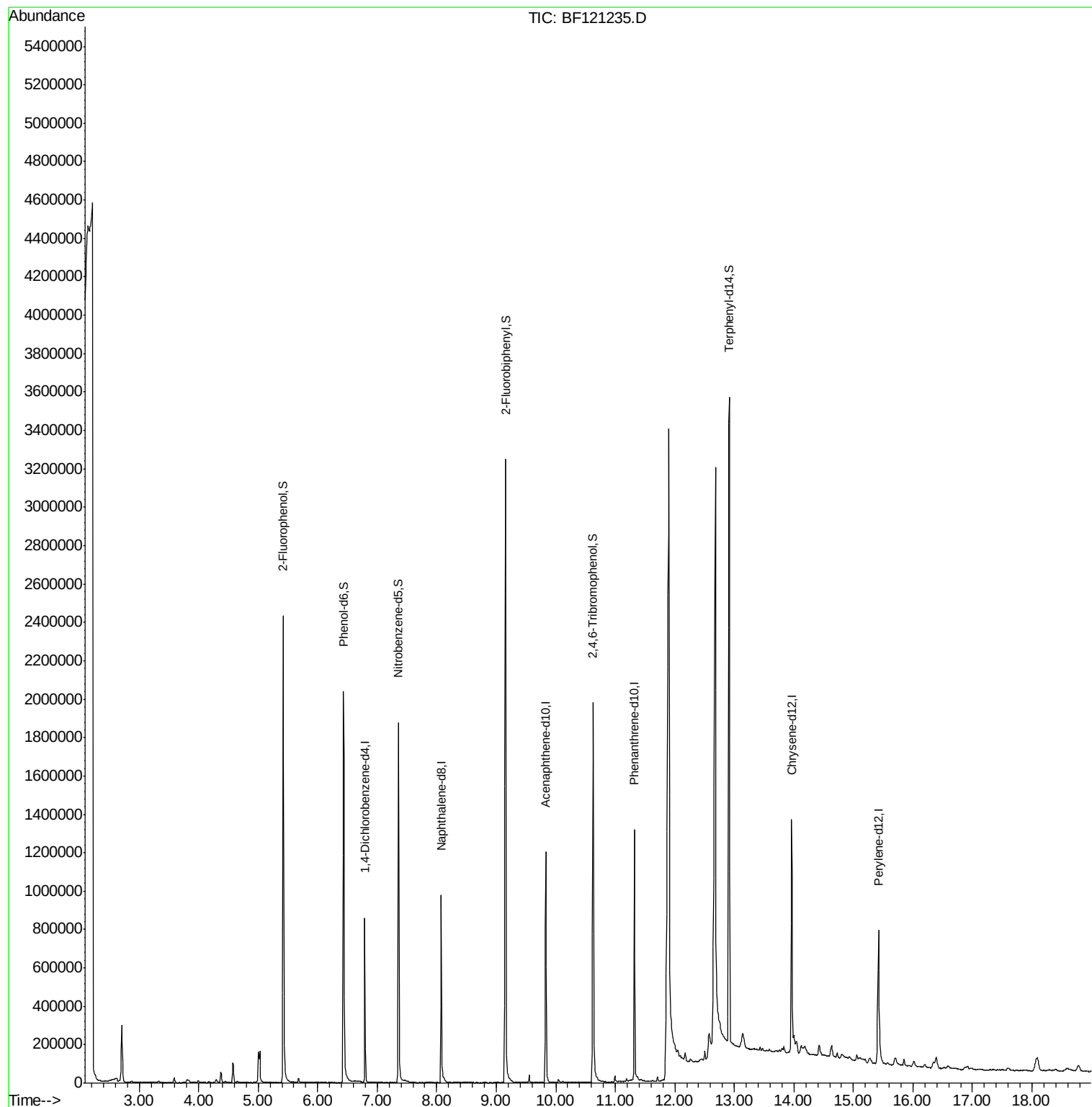
Target Compounds Qvalue

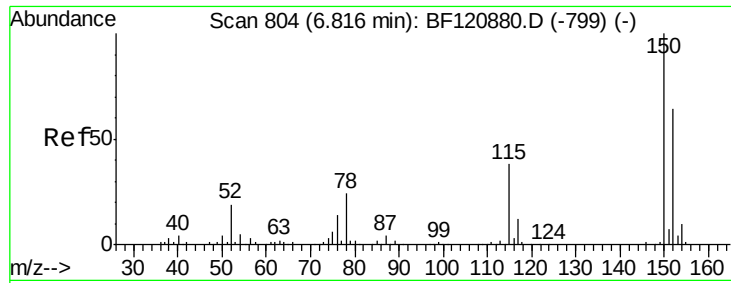
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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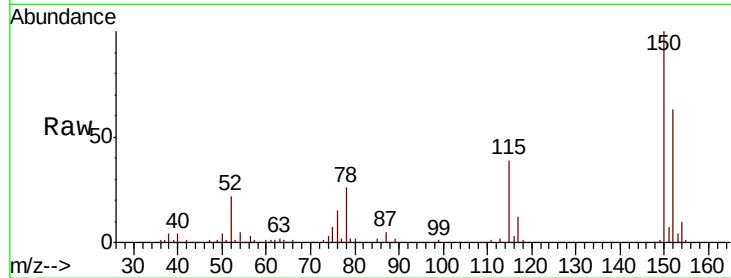


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121235.D
Acq: 10 Aug 2020 13:43

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.6	188.4
115	61.7	46.2	69.2

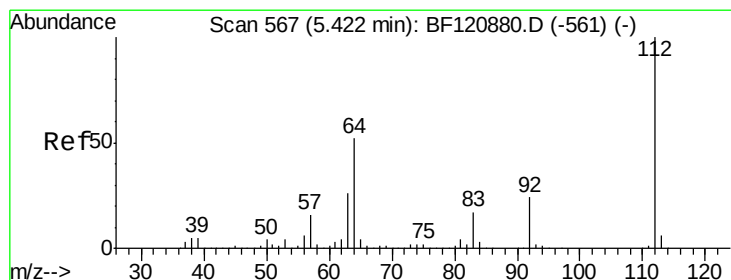
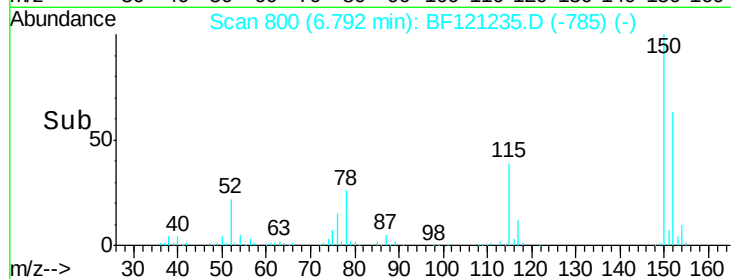
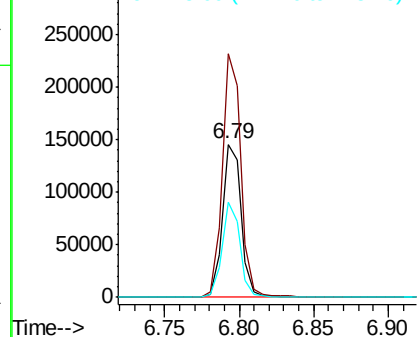


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

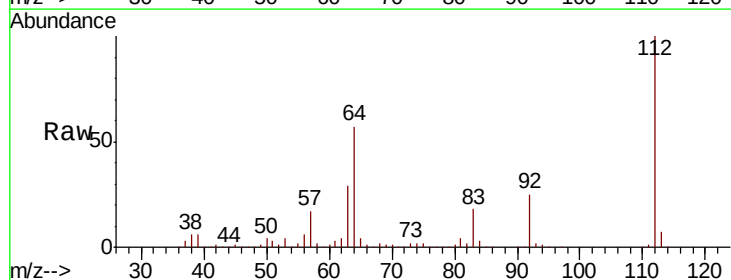
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.308 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF121235.D
Acq: 10 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	43.9	65.9
63	28.6	22.7	34.1

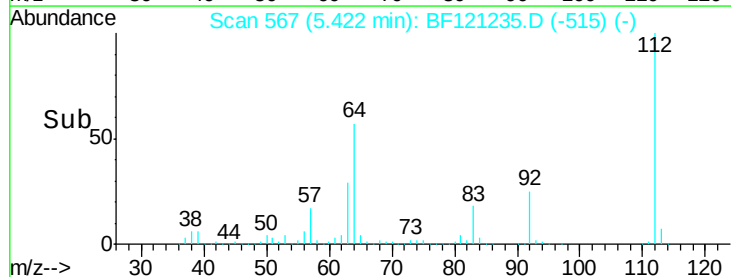
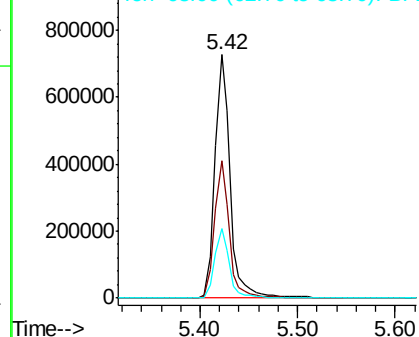


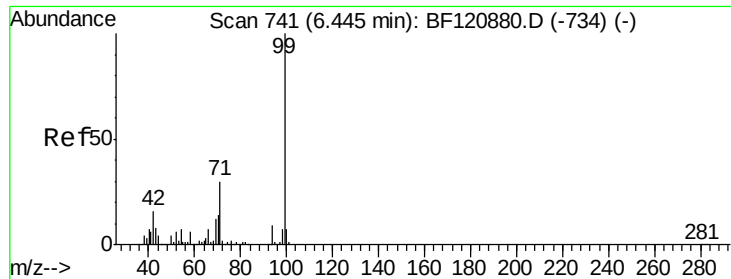
Abundance

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: 84.747 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121235.D

Acq: 10 Aug 2020 13:43

Instrument :

BNA_F

ClientSampled :

TP-2

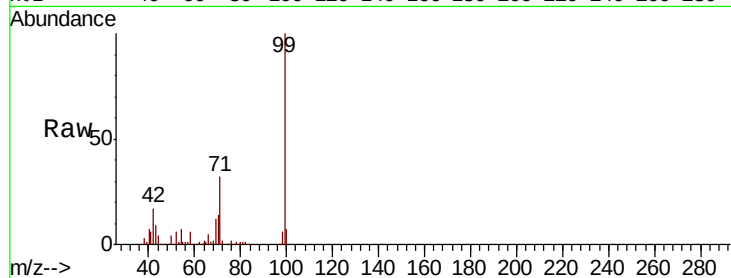
Tot Ion: 99 Resp: 861329

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

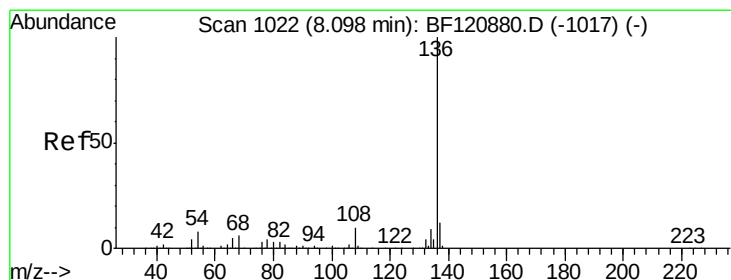
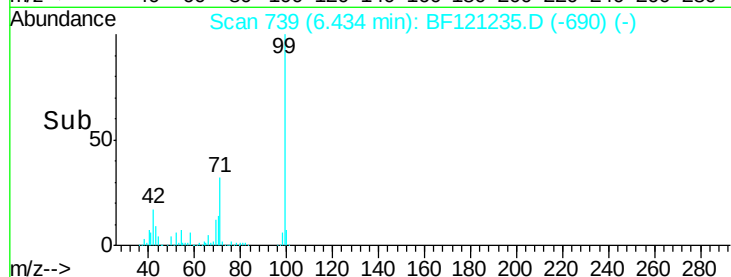
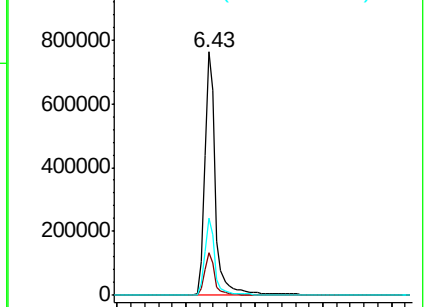
71 31.7 25.0 37.4



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121235.D

Acq: 10 Aug 2020 13:43

Tgt Ion: 136 Resp: 497202

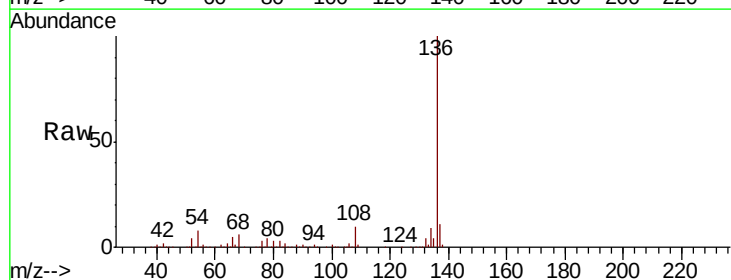
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.7 6.1 9.1

68 6.5 5.0 7.6

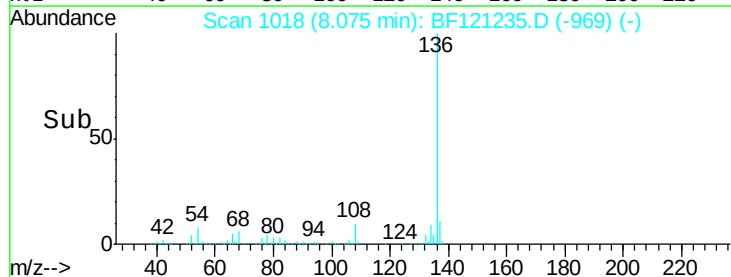
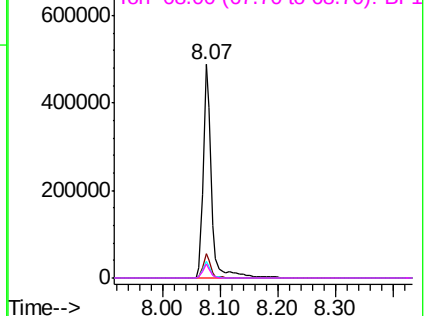


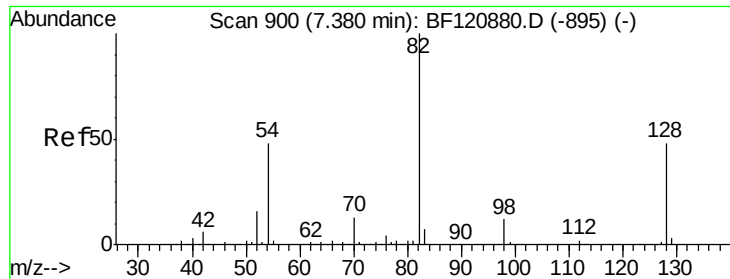
Abundance Ion 136.00 (135.70 to 136.70): E

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

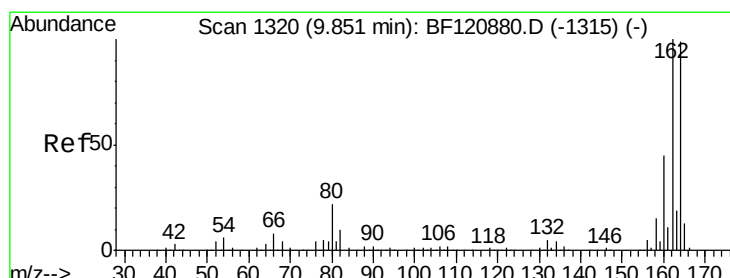
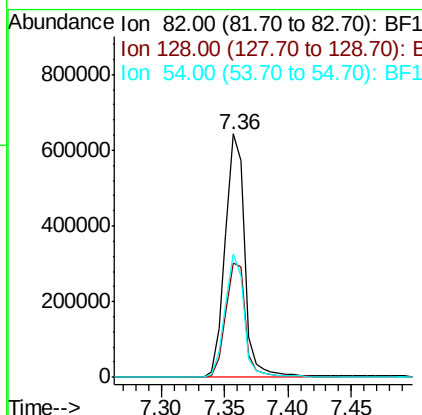
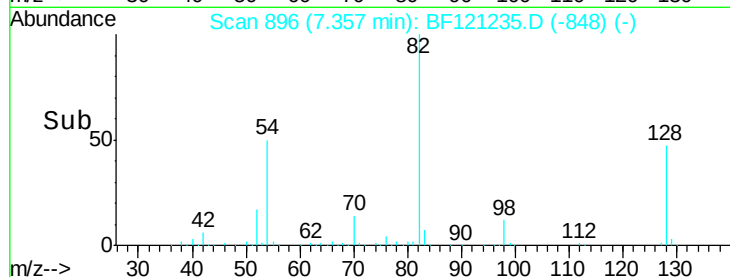
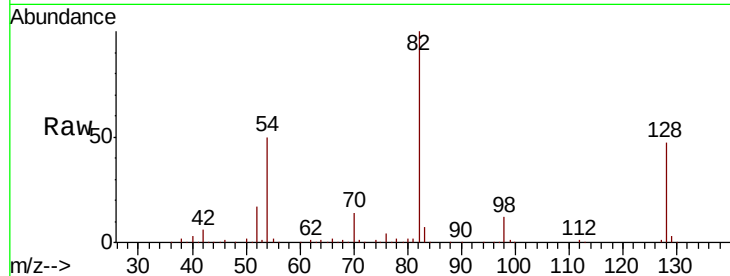




#23
Nitrobenzene-d5
Concen: 80.947 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF121235.D
Acq: 10 Aug 2020 13:43

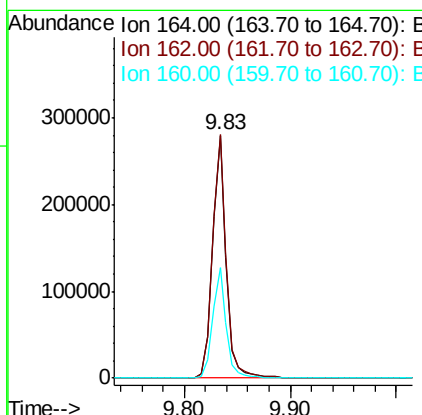
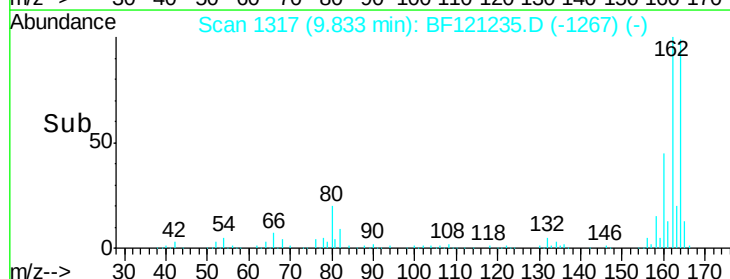
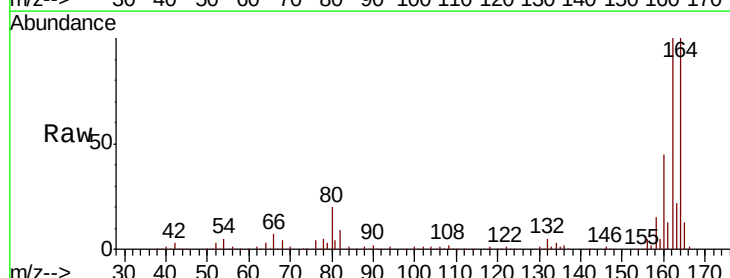
Instrument :
BNA_F
ClientSampled :
TP-2

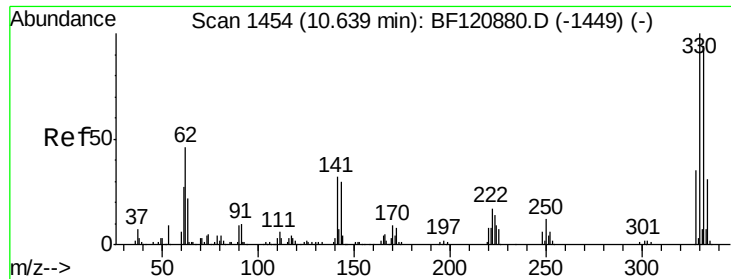
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	39.2	58.8
54	50.5	37.8	56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121235.D
Acq: 10 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.2	123.2
160	45.5	37.2	55.8

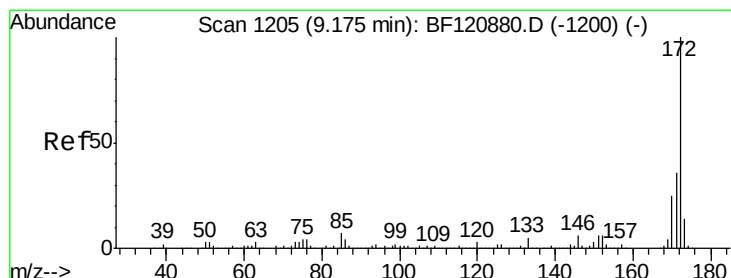
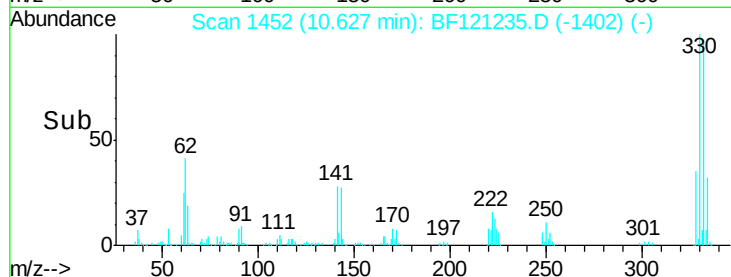
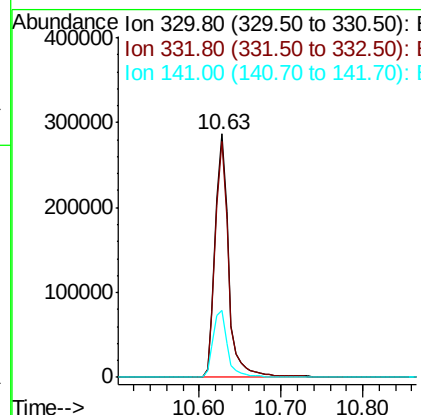
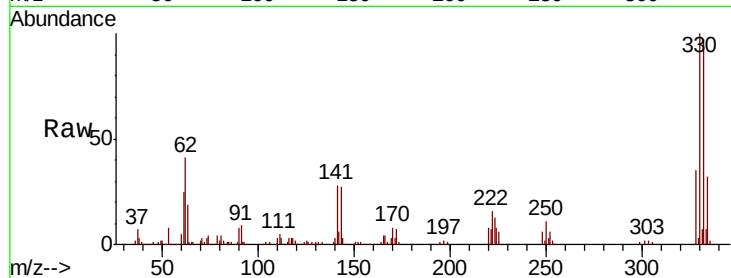




#42
 2,4,6-Tribromophenol
 Concen: 118.898 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121235.D
 Acq: 10 Aug 2020 13:43

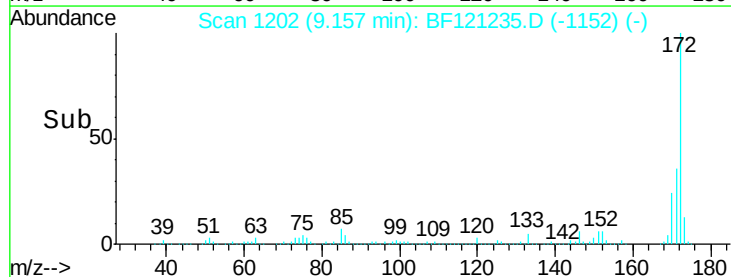
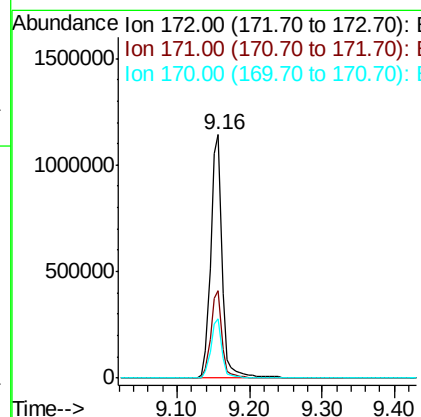
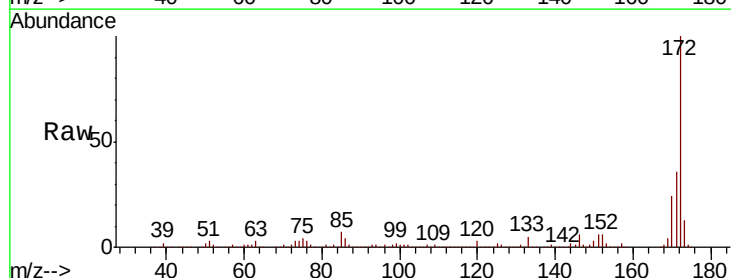
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

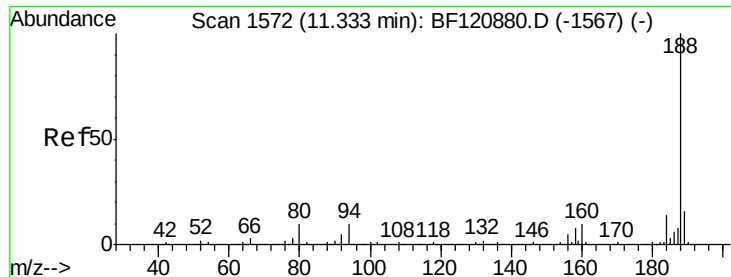
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.1	114.1
141	29.9	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 73.542 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121235.D
 Acq: 10 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.3	19.6	29.4

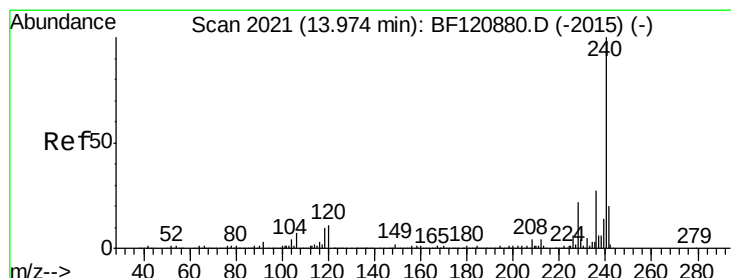
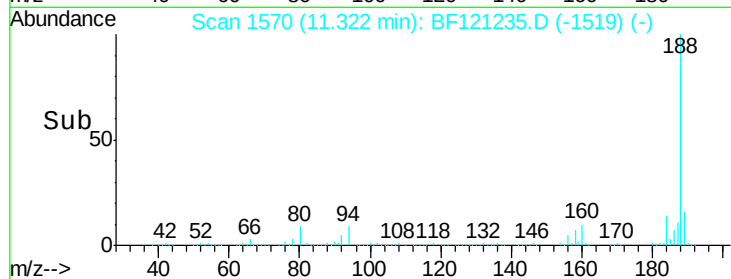
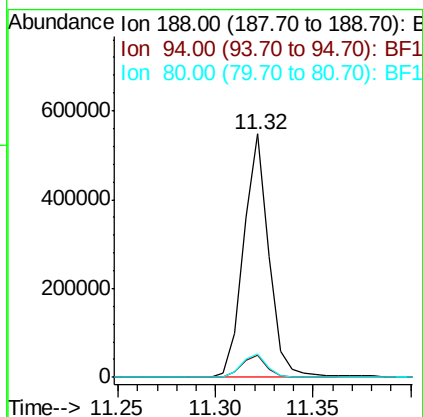
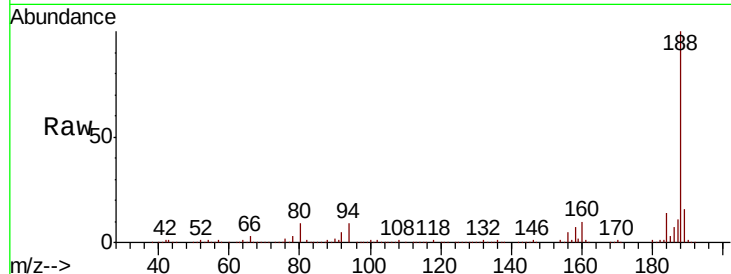




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121235.D
Acq: 10 Aug 2020 13:43

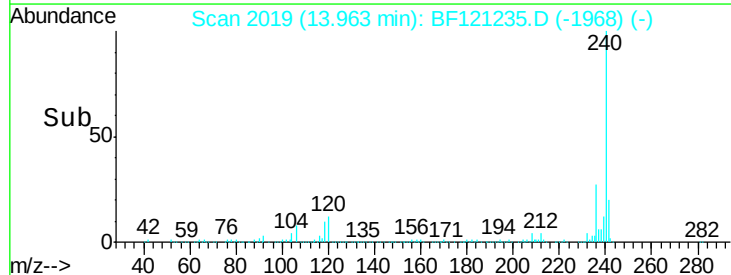
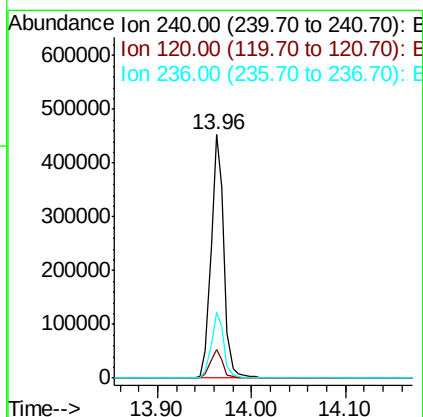
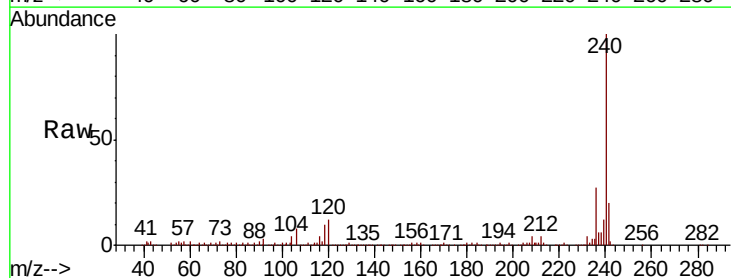
Instrument :
BNA_F
ClientSampleId :
TP-2

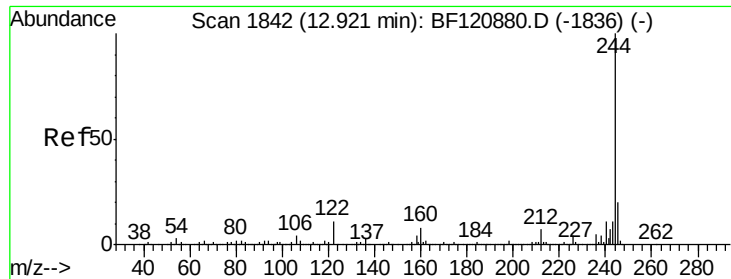
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	9.5	8.3	12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121235.D
Acq: 10 Aug 2020 13:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.3	13.9
236	26.8	21.1	31.7

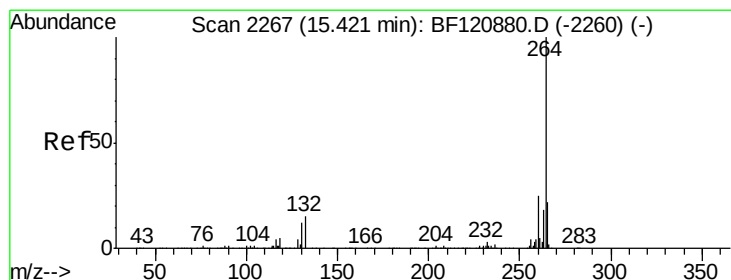
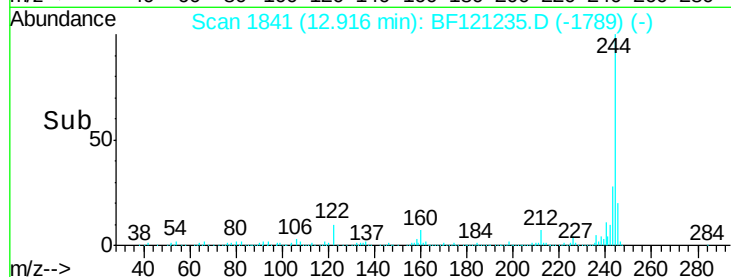
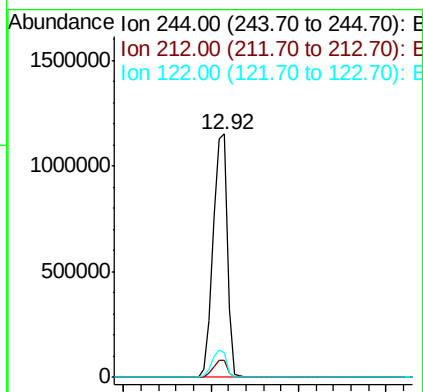
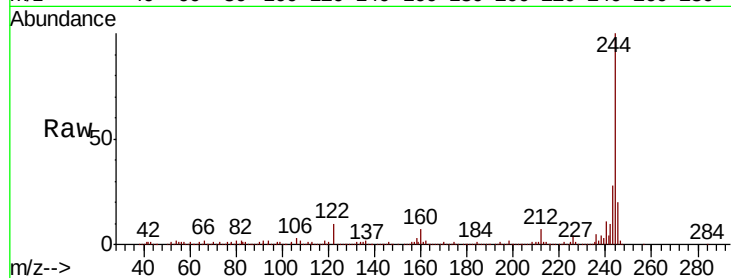




#79
 Terphenyl-d14
 Concen: 65.092 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BF121235.D
 Acq: 10 Aug 2020 13:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion:244 Resp: 1310356
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. 0.02 min
 Lab File: BF121235.D
 Acq: 10 Aug 2020 13:43

Tgt Ion:264 Resp: 416098
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.9 29.9
 265 21.8 17.8 26.8

