

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121347.D
 Acq On : 20 Aug 2020 15:12
 Operator : JU/CG
 Sample : L3645-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-3

Quant Time: Aug 20 15:43:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	175506	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	666953	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	331779	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	587190	20.00	ng	0.00
76) Chrysene-d12	13.84	240	428328	20.00	ng	0.00
86) Perylene-d12	15.25	264	488926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	17507	1.64	ng	0.01
7) Phenol-d6	6.34	99	7986	0.58	ng	0.00
23) Nitrobenzene-d5	7.26	82	385309	32.67	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	7837	2.03	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	761558	36.72	ng	0.00
79) Terphenyl-d14	12.79	244	560304	25.56	ng	0.00

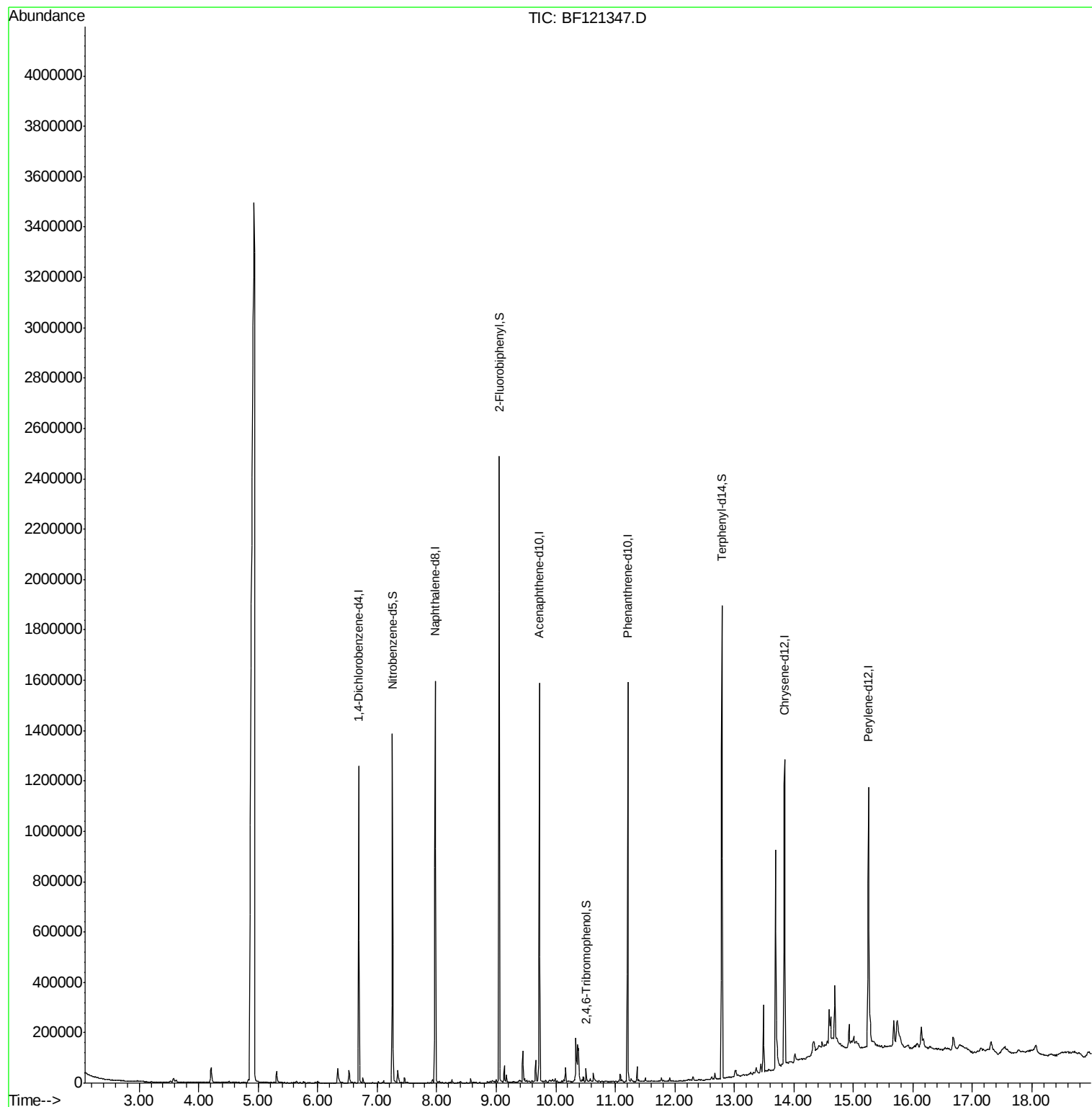
Target Compounds Qvalue

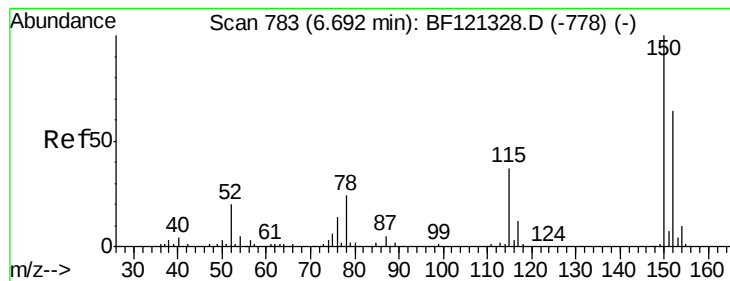
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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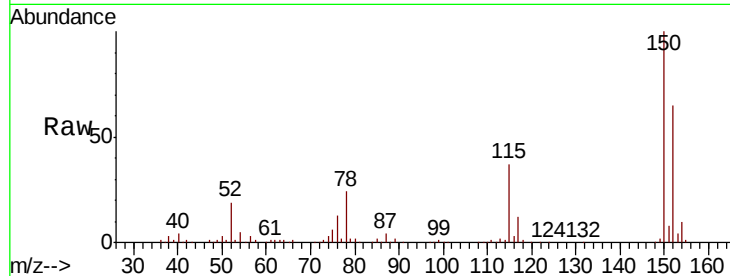


#1

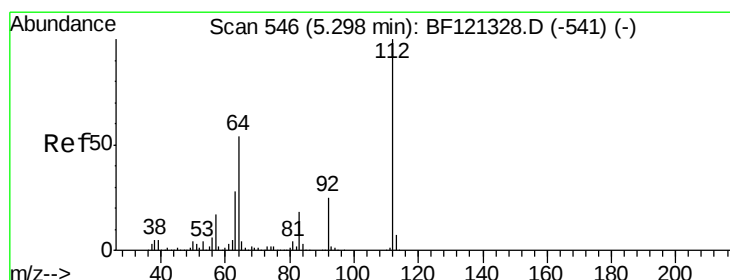
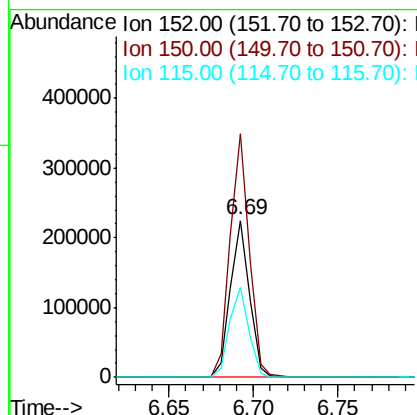
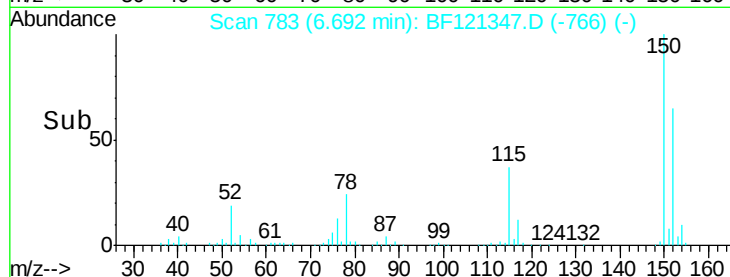
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF121347.D
 Acq: 20 Aug 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 GW-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.8	187.2
115	57.6	46.1	69.1



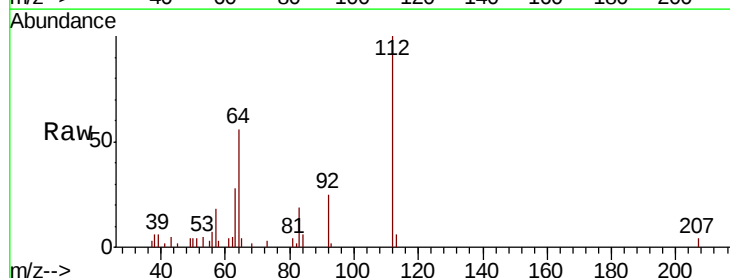
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



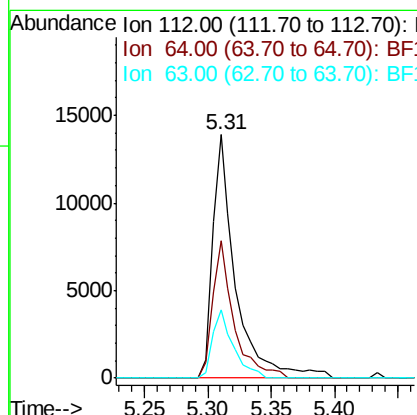
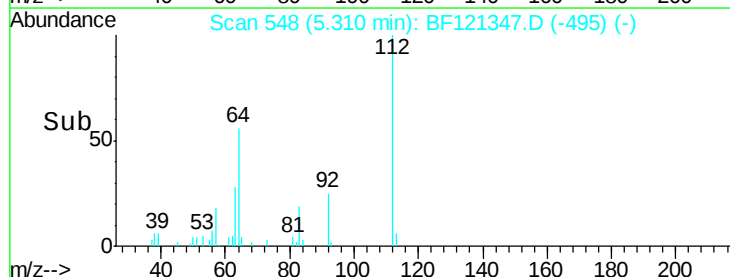
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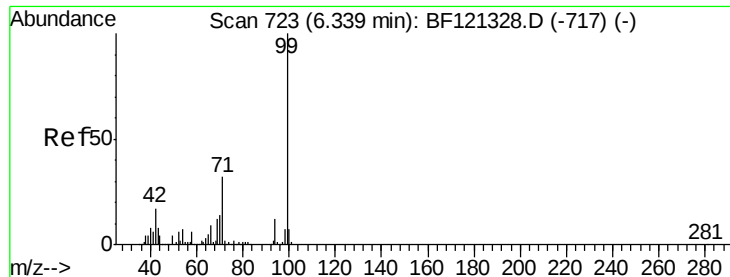
2-Fluorophenol
 Concen: 1.636 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF121347.D
 Acq: 20 Aug 2020 15:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	43.5	65.3
63	28.3	22.0	33.0



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: 0.584 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF121347.D

Acq: 20 Aug 2020 15:12

Instrument :

BNA_F

ClientSampleId :

GW-3

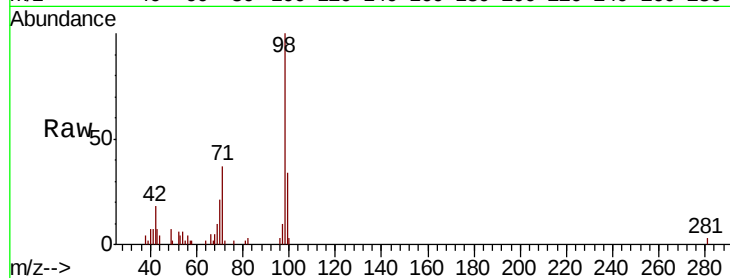
Tot Ion: 99 Resp: 7986

Ion Ratio Lower Upper

99 100

42 52.6 13.5 20.3#

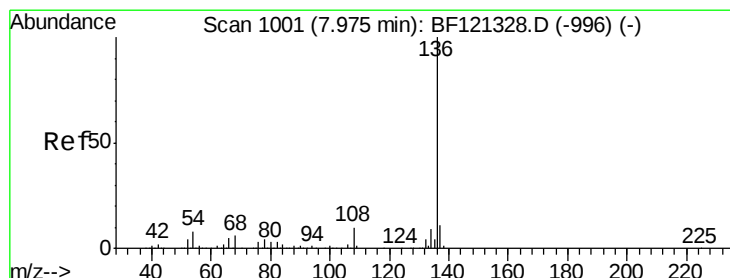
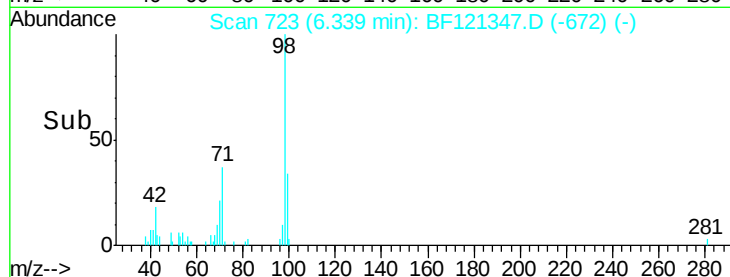
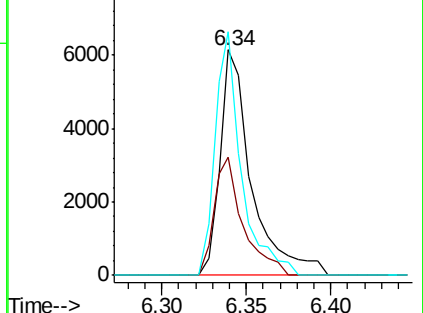
71 107.9 25.2 37.8#



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: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF121347.D

Acq: 20 Aug 2020 15:12

Tgt Ion: 136 Resp: 666953

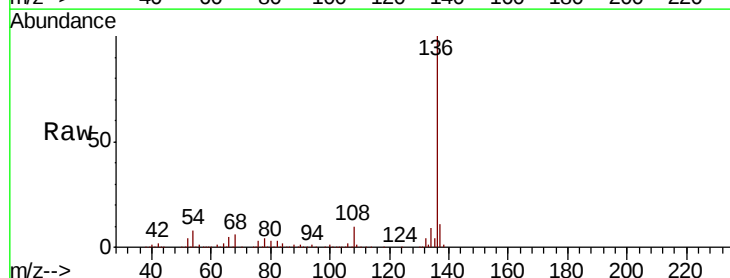
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.7 6.1 9.1

68 6.2 5.0 7.4

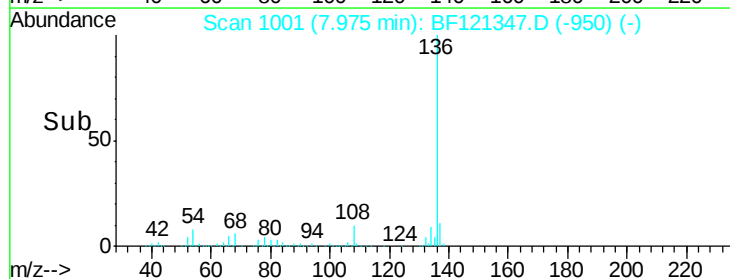
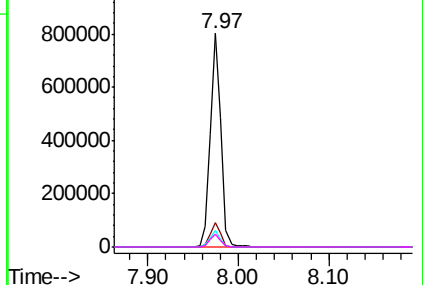


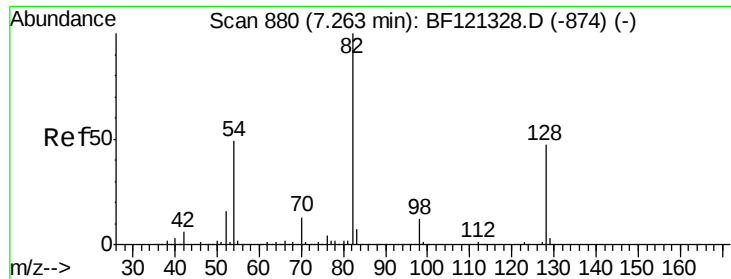
Abundance Ion 136.00 (135.70 to 136.70): E

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

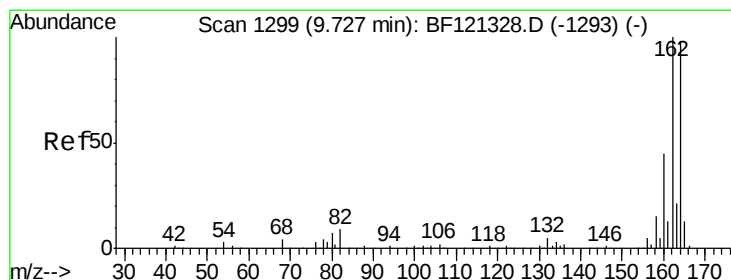
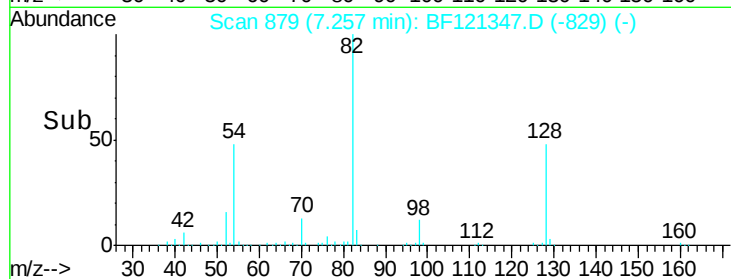
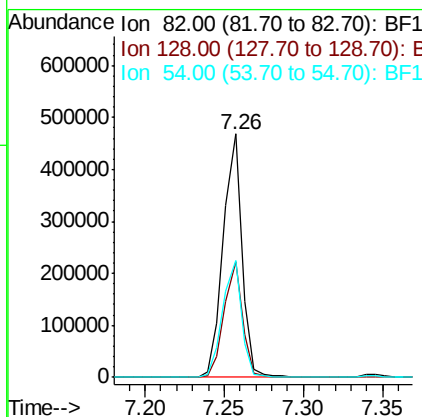
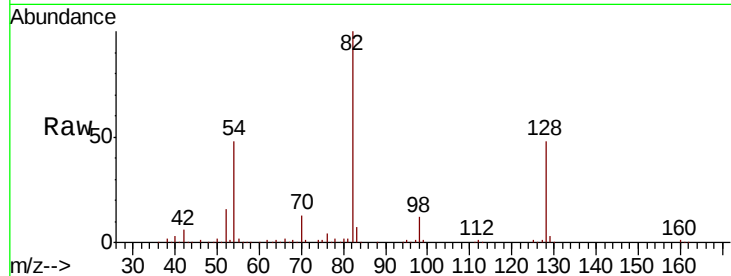




#23
 Nitrobenzene-d5
 Concen: 32.673 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF121347.D
 Acq: 20 Aug 2020 15:12

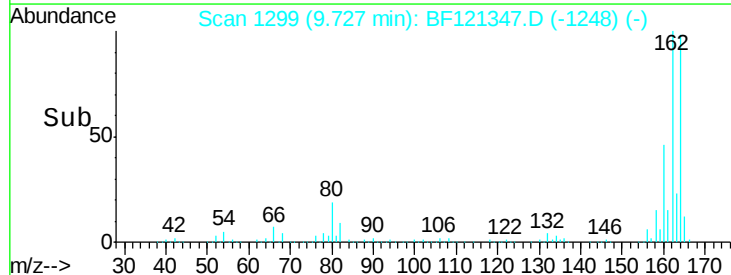
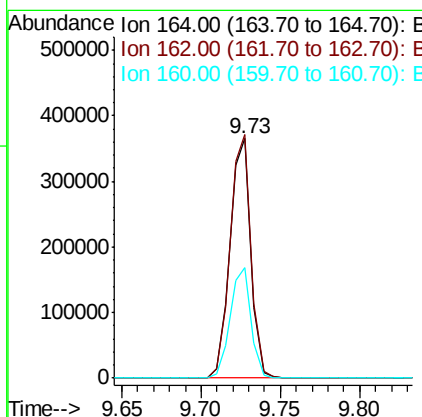
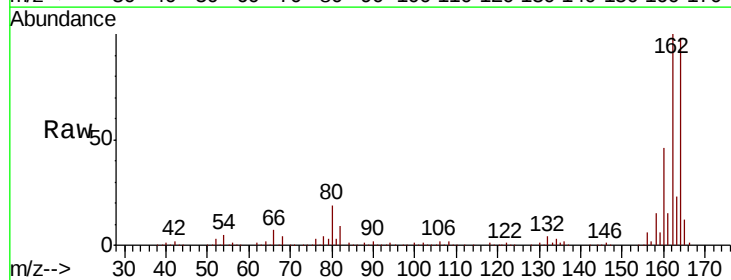
Instrument :
 BNA_F
 ClientSampleId :
 GW-3

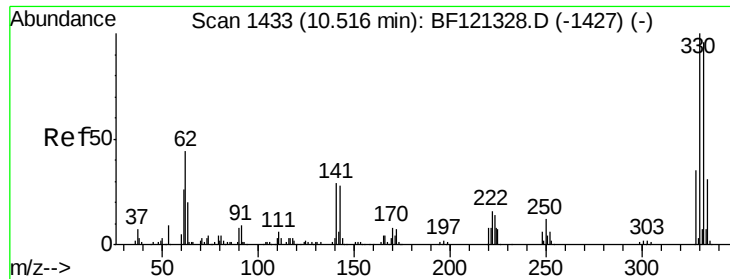
Tot Ion	82	Resp	385309
Ion Ratio	Lower	Upper	
82	100		
128	47.7	37.9	56.9
54	48.1	39.0	58.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF121347.D
 Acq: 20 Aug 2020 15:12

Tgt Ion	164	Resp	331779
Ion Ratio	Lower	Upper	
164	100		
162	101.8	81.7	122.5
160	46.4	37.0	55.4

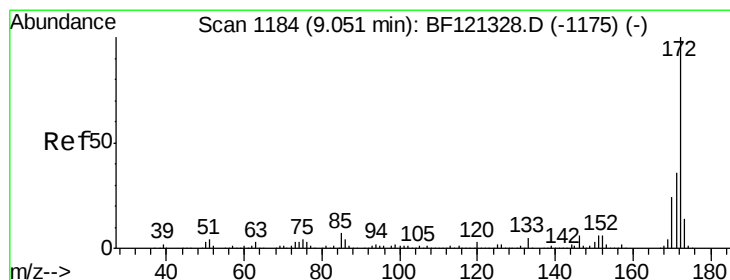
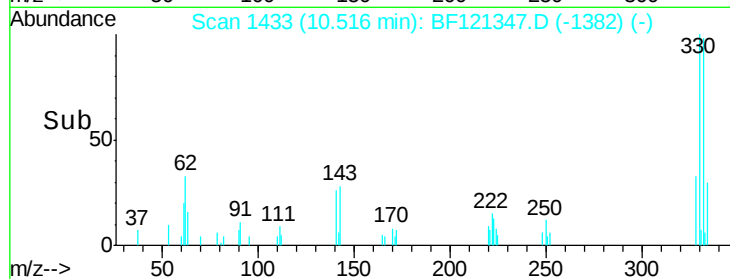
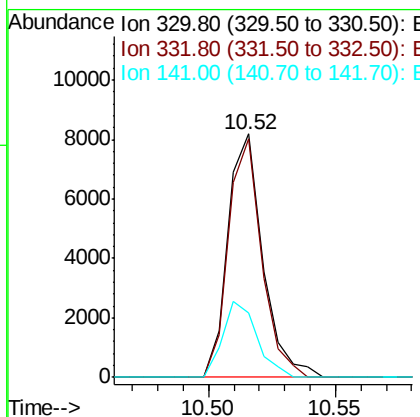
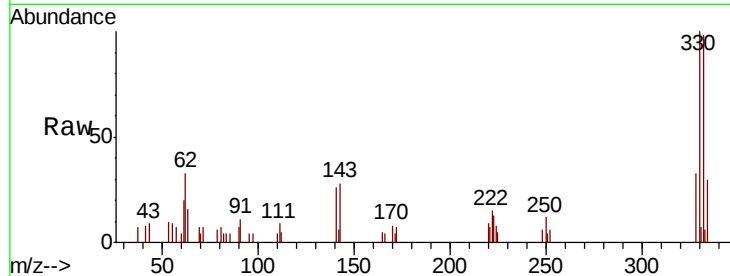




#42
 2,4,6-Tribromophenol
 Concen: 2.027 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF121347.D
 Acq: 20 Aug 2020 15:12

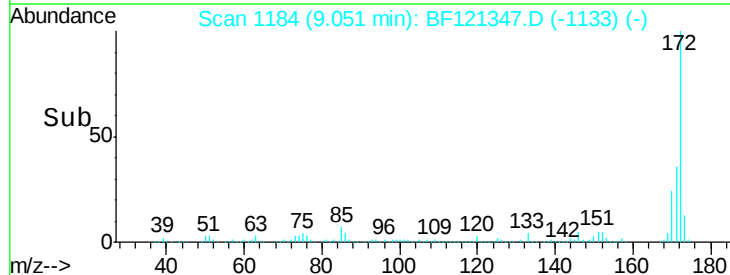
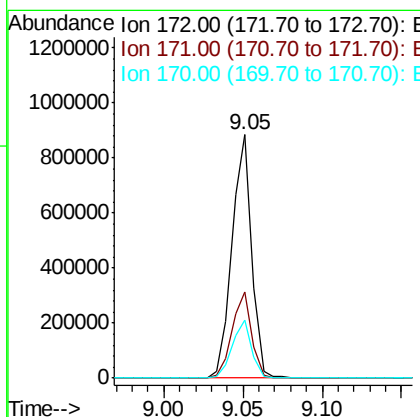
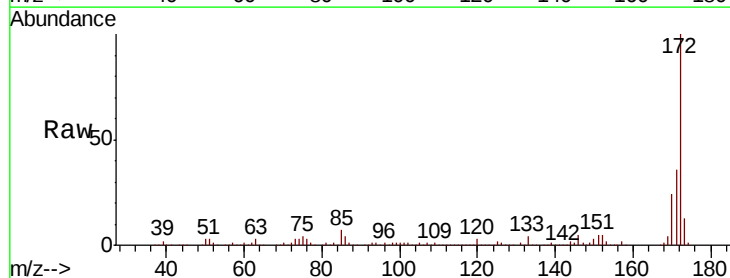
Instrument :
 BNA_F
 ClientSampled :
 GW-3

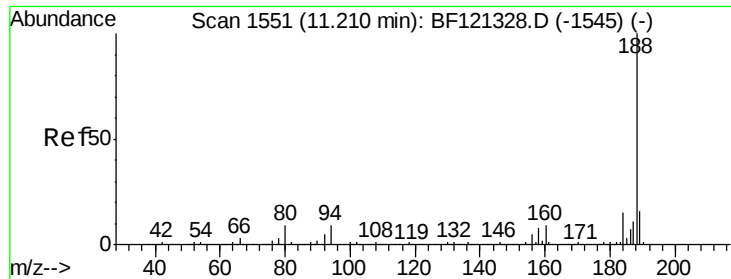
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.2	76.9	115.3
141	30.4	22.8	34.2



#45
 2-Fluorobiphenyl
 Concen: 36.722 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121347.D
 Acq: 20 Aug 2020 15:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.6
170	23.6	19.4	29.2

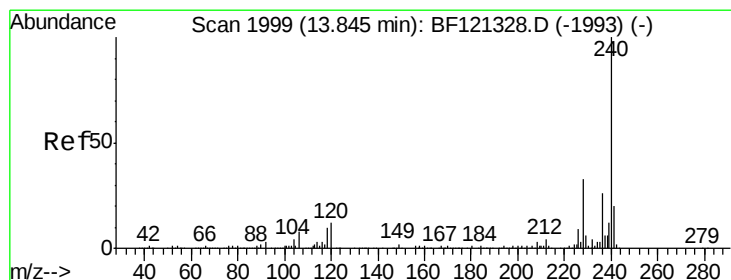
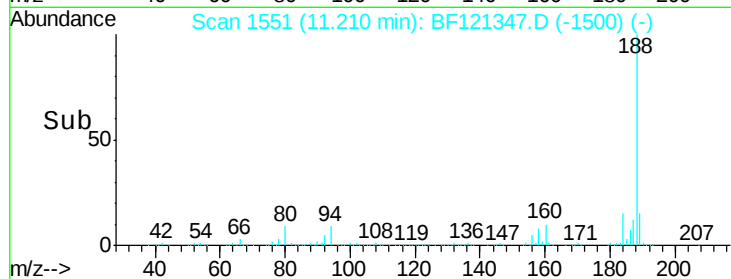
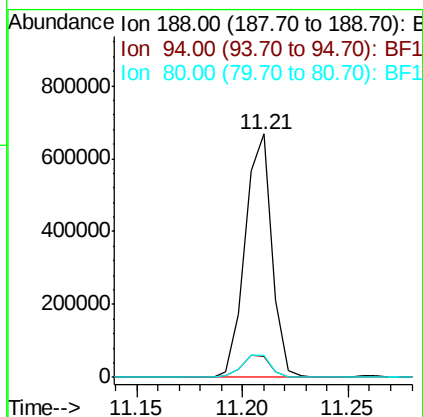
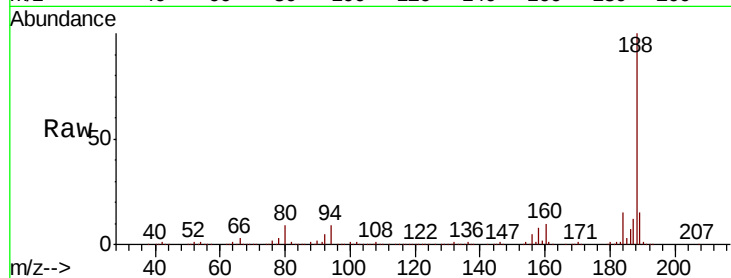




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF121347.D
Acq: 20 Aug 2020 15:12

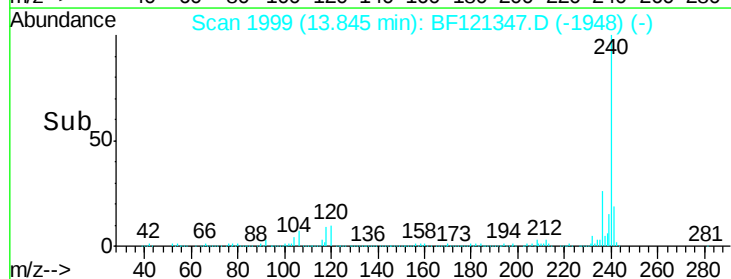
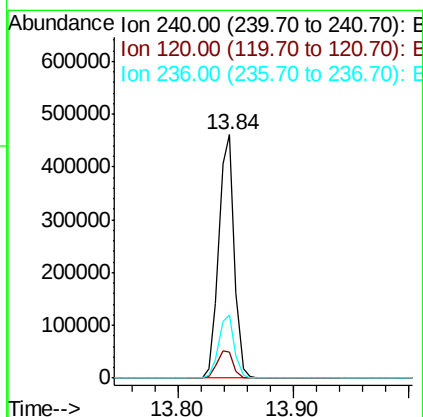
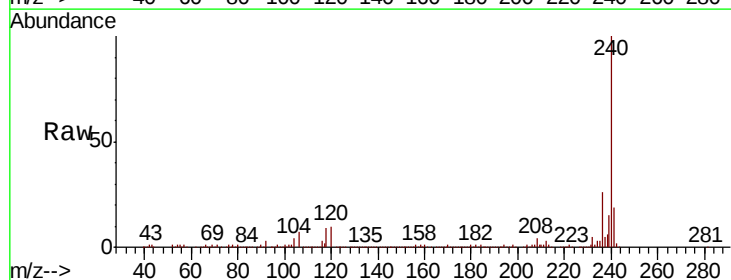
Instrument :
BNA_F
ClientSampleId :
GW-3

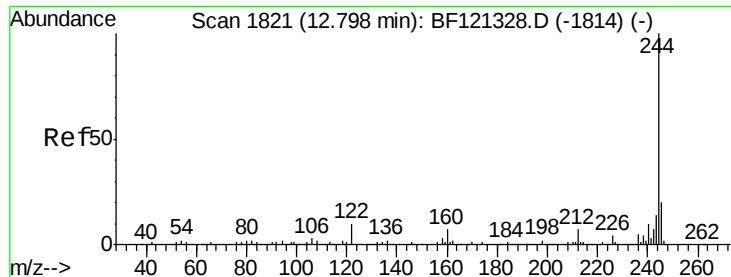
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.3	7.4	11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF121347.D
Acq: 20 Aug 2020 15:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.6	14.4
236	26.1	20.6	31.0

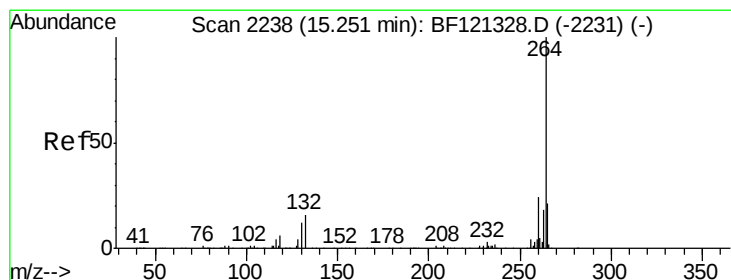
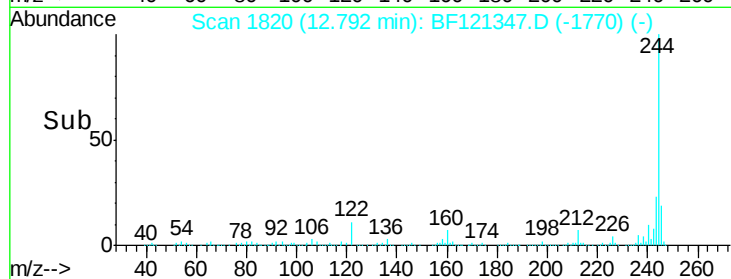
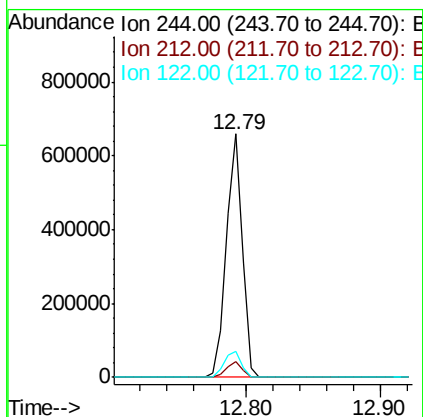
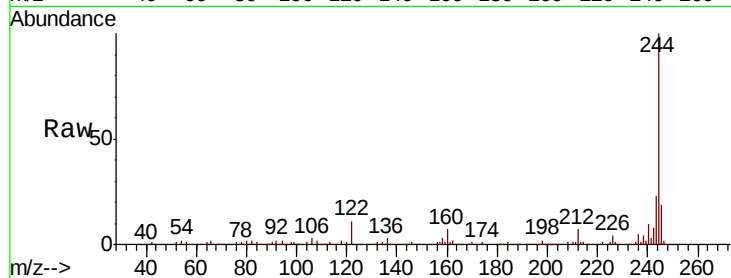




#79
 Terphenyl-d14
 Concen: 25.563 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF121347.D
 Acq: 20 Aug 2020 15:12

Instrument :
 BNA_F
 ClientSampleId :
 GW-3

Tot Ion:244 Resp: 560304
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 10.7 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: BF121347.D
 Acq: 20 Aug 2020 15:12

Tgt Ion:264 Resp: 488926
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.9 17.1 25.7

