

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
 Data File : BF119158.D
 Acq On : 29 Feb 2020 14:49
 Operator : CG/JU
 Sample : PB127150TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127150TB

Quant Time: Mar 02 06:05:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	148845	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	580350	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	332218	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	644413	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	459875	20.00	ng	-0.02
87) Perylene-d12	15.31	264	368026	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1028700	115.50	ng	0.00
7) Phenol-d6	6.39	99	1144196	105.63	ng	-0.02
23) Nitrobenzene-d5	7.30	82	944909	85.97	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	572718	131.78	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1851371	82.10	ng	-0.02
79) Terphenyl-d14	12.84	244	2502968	93.71	ng	-0.01

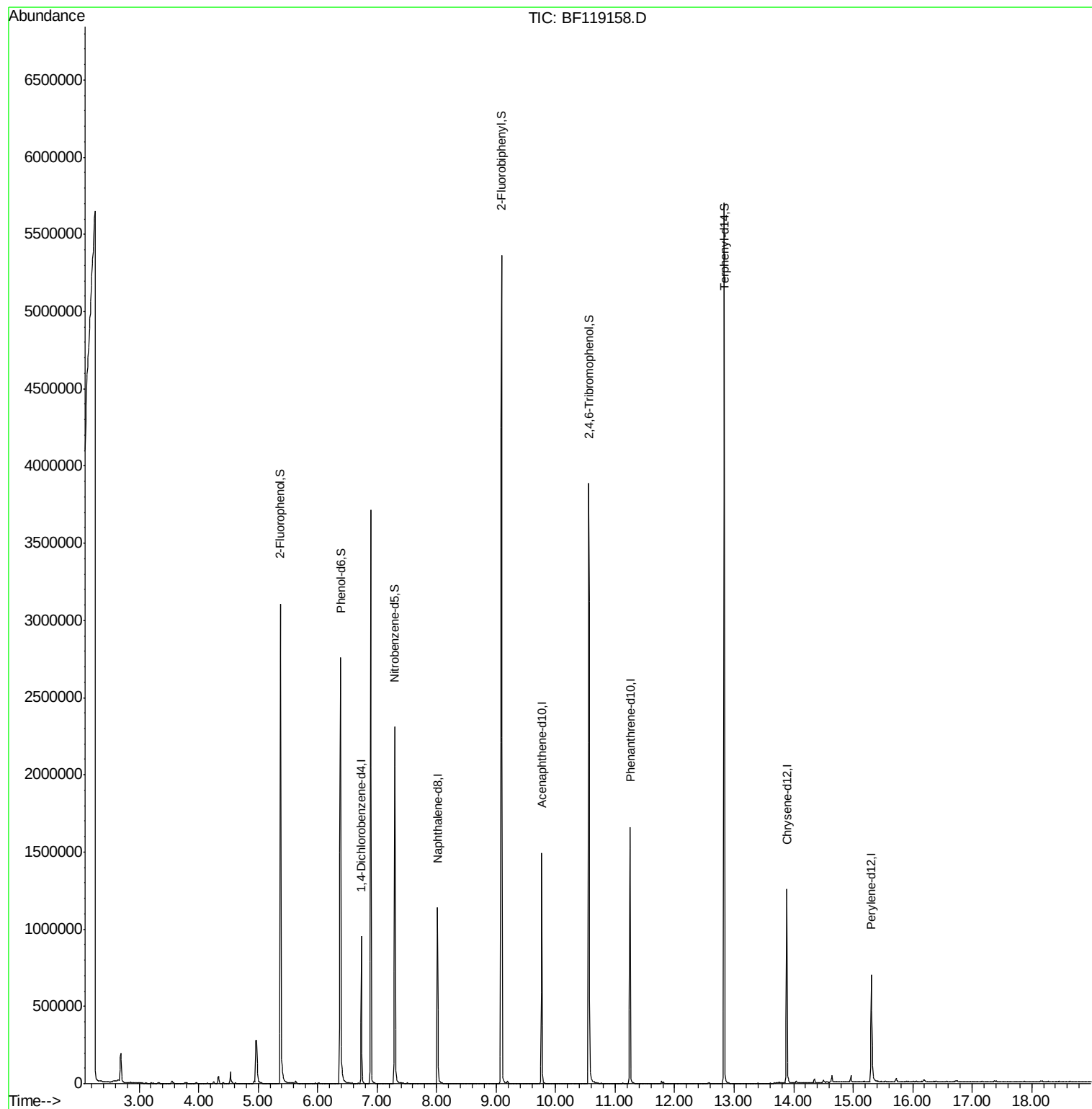
Target Compounds Qvalue

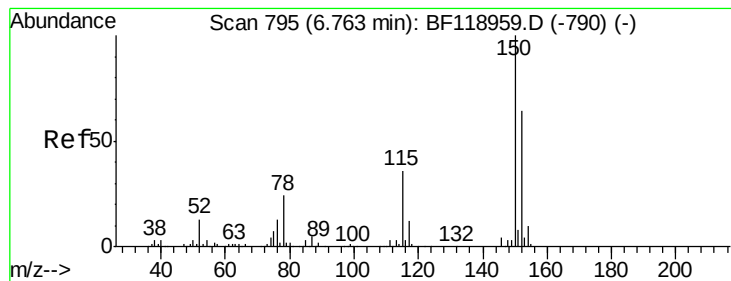
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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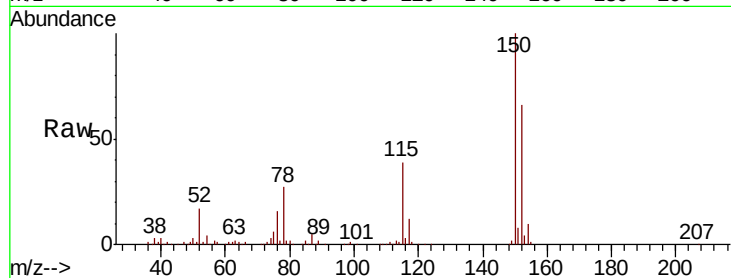


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119158.D
Acq: 29 Feb 2020 14:49

Instrument :
BNA_F
ClientSampleId :
PB127150TB

Tot Ion	152	Resp	148845
Ion	Ratio	Lower	Upper
152	100		
150	152.4	123.0	184.6
115	60.1	49.5	74.3

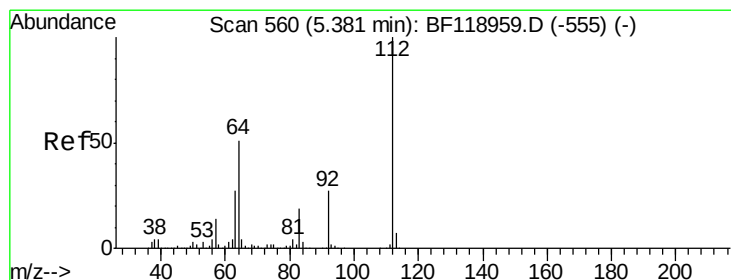
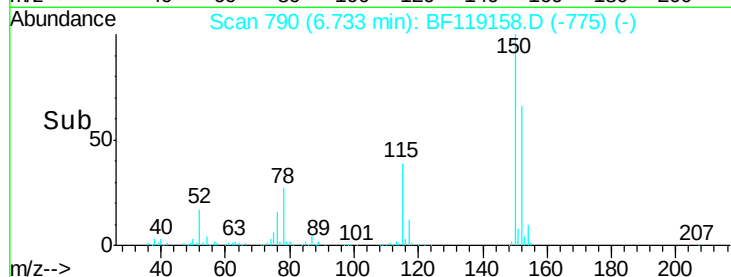
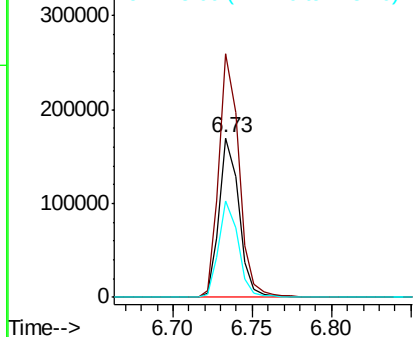


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

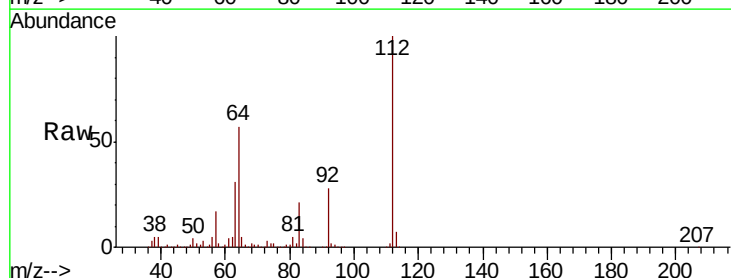
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 115.499 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF119158.D
Acq: 29 Feb 2020 14:49

Tgt Ion	112	Resp	1028700
Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.0	67.4
63	30.7	24.2	36.4

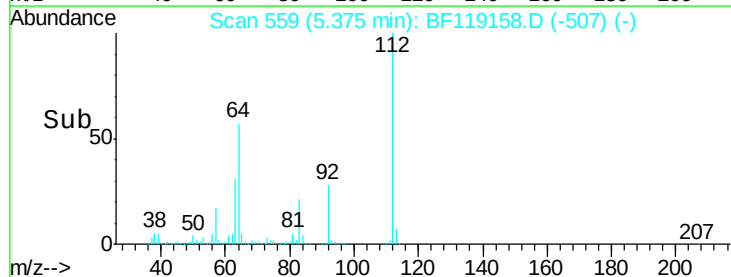
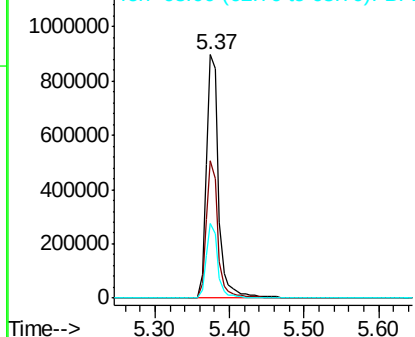


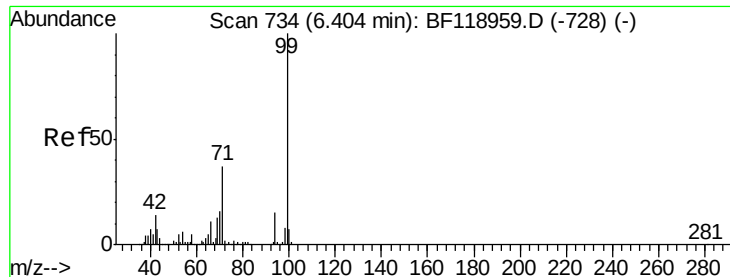
Abundance

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: 105.631 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119158.D

Acq: 29 Feb 2020 14:49

Instrument :

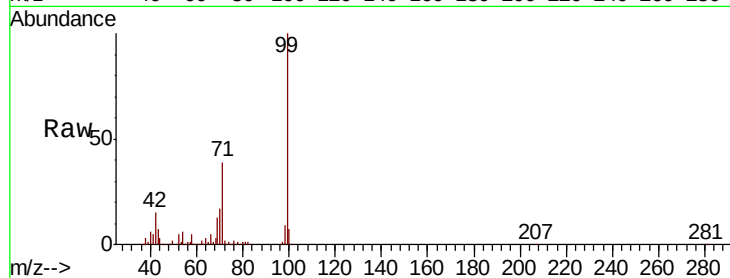
BNA_F

ClientSampleId :

PB127150TB

Tot Ion: 99 Resp: 1144196

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.6	18.8
71	39.0	31.0	46.4

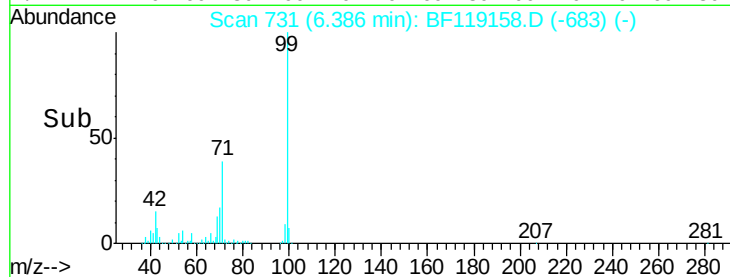


Abundance

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

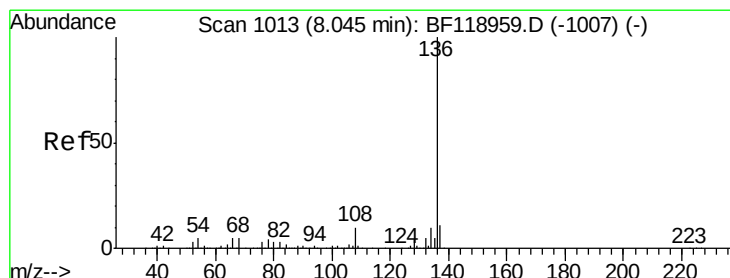


Abundance

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: 8.02 min Scan# 1008

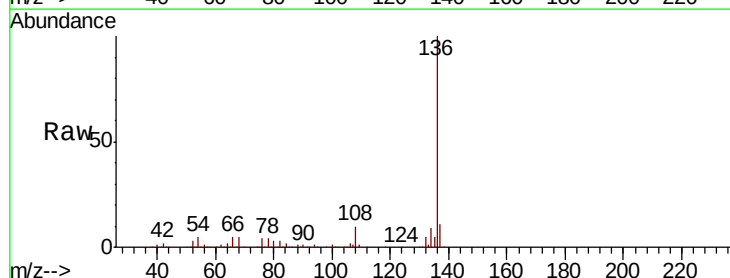
Delta R.T. -0.02 min

Lab File: BF119158.D

Acq: 29 Feb 2020 14:49

Tgt Ion: 136 Resp: 580350

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.8	3.8	5.6
68	5.0	3.9	5.9



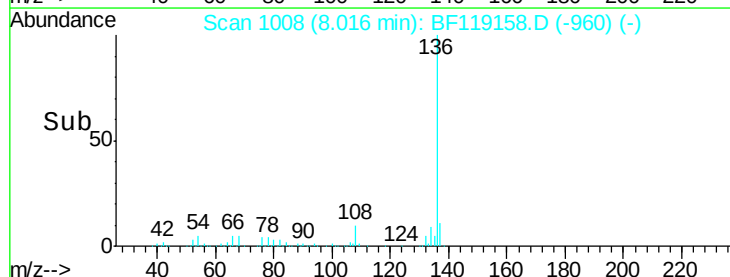
Abundance

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



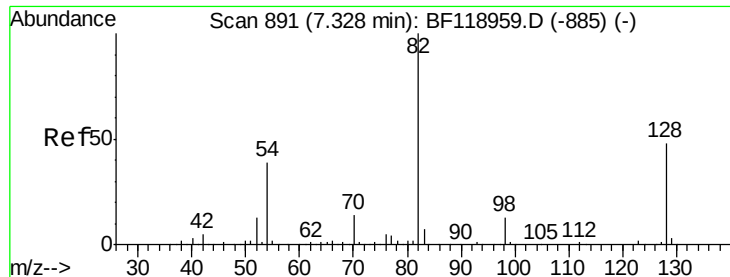
Abundance

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

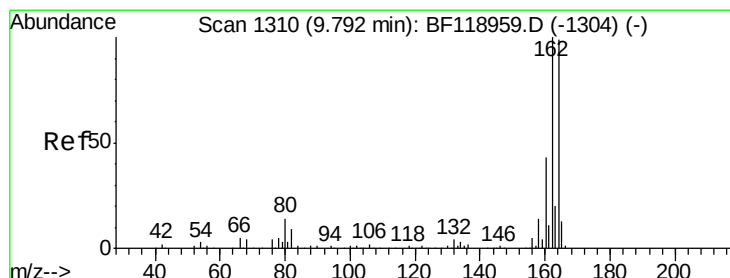
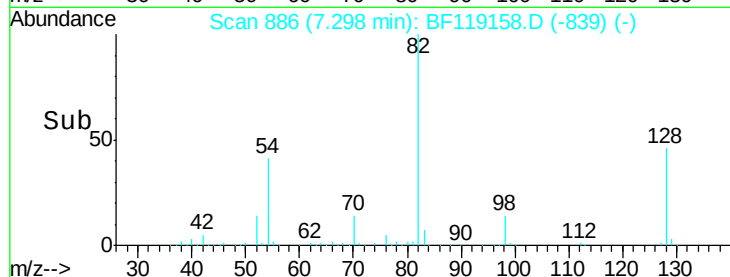
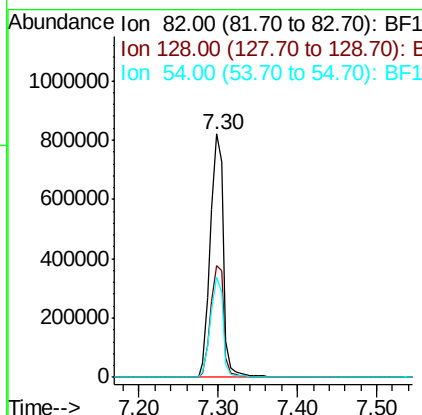
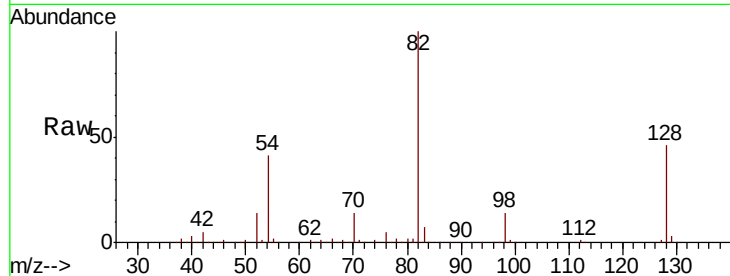
Ion 68.00 (67.70 to 68.70): BF1



#23
 Nitrobenzene-d5
 Concen: 85.967 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF119158.D
 Acq: 29 Feb 2020 14:49

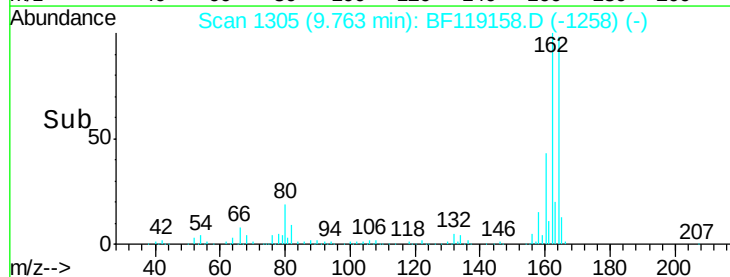
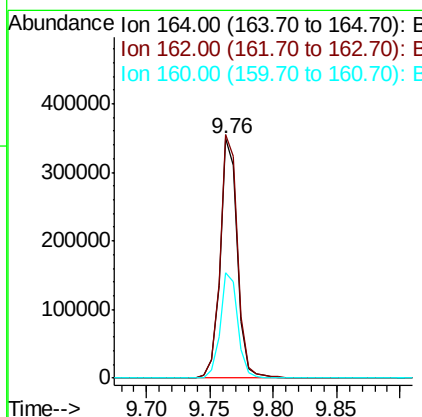
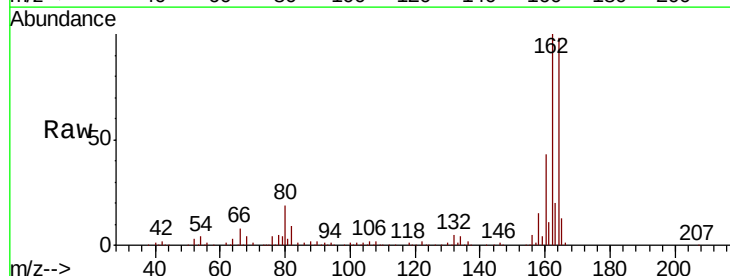
Instrument :
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 PB127150TB

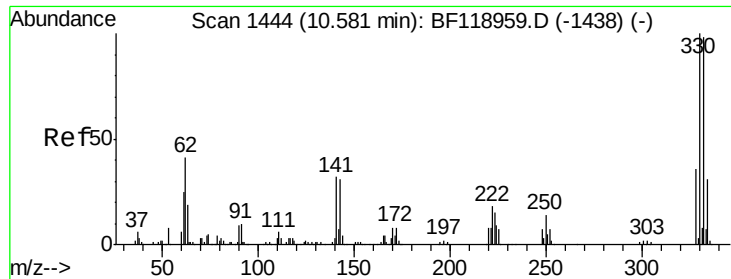
Tot Ion: 82 Resp: 944909
 Ion Ratio Lower Upper
 82 100
 128 45.9 37.9 56.9
 54 41.2 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF119158.D
 Acq: 29 Feb 2020 14:49

Tgt Ion:164 Resp: 332218
 Ion Ratio Lower Upper
 164 100
 162 101.6 81.8 122.8
 160 44.1 36.0 54.0

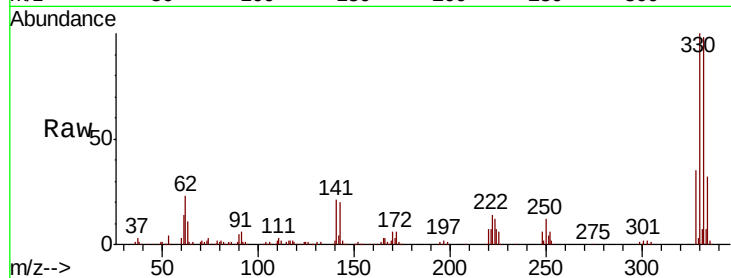




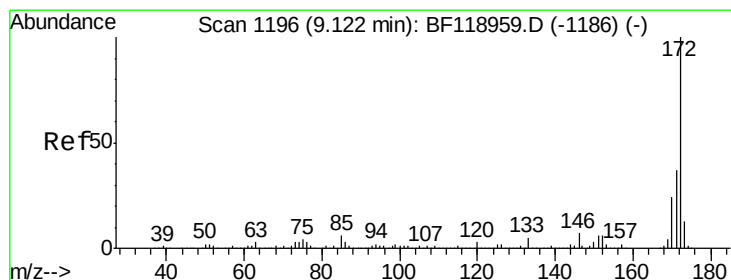
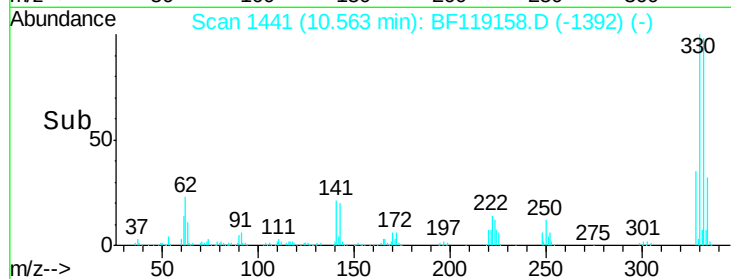
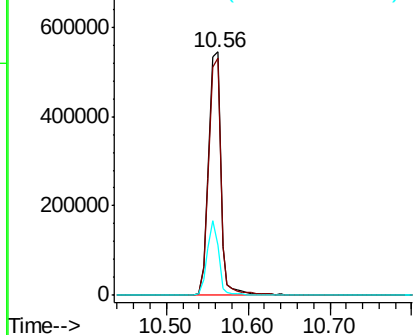
#42
 2,4,6-Tribromophenol
 Concen: 131.781 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF119158.D
 Acq: 29 Feb 2020 14:49

Instrument :
 BNA_F
 ClientSampleId :
 PB127150TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.0	114.0
141	28.8	22.9	34.3

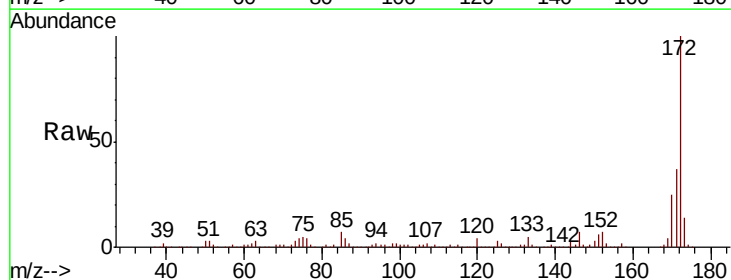


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

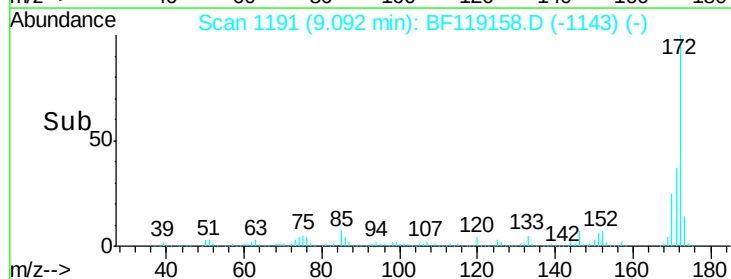
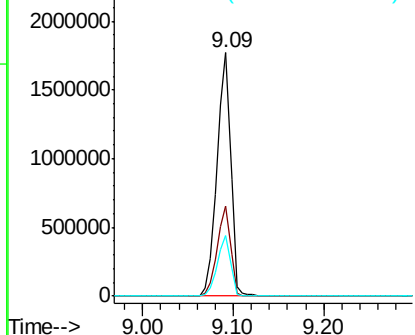


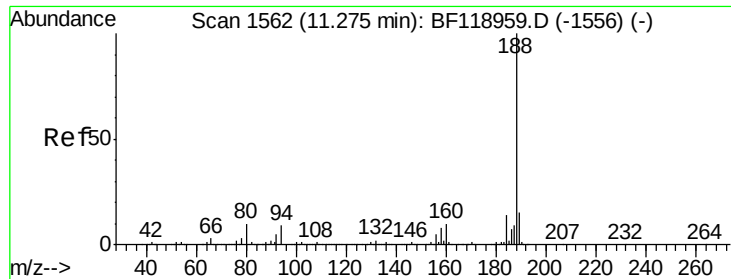
#45
 2-Fluorobiphenyl
 Concen: 82.096 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119158.D
 Acq: 29 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.6	45.8
170	24.8	20.2	30.2



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

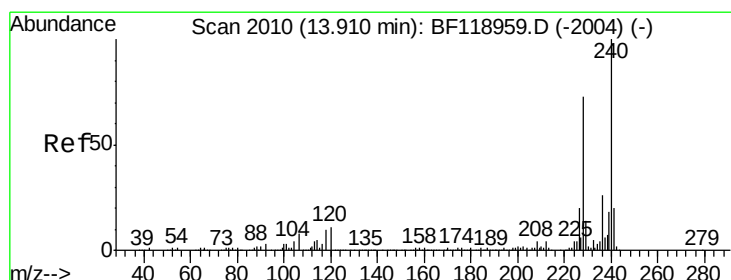
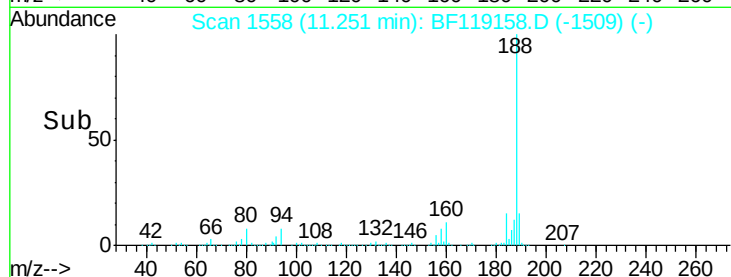
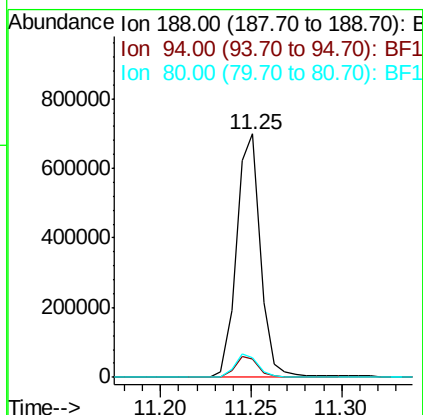
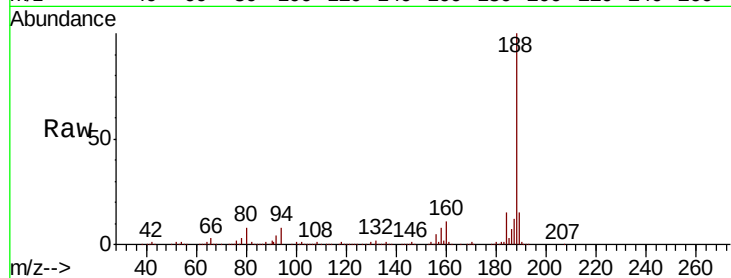




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119158.D
Acq: 29 Feb 2020 14:49

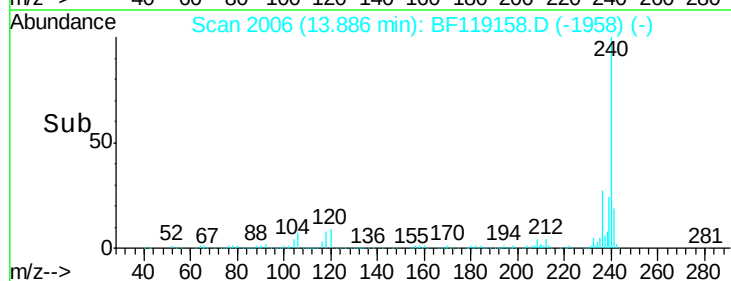
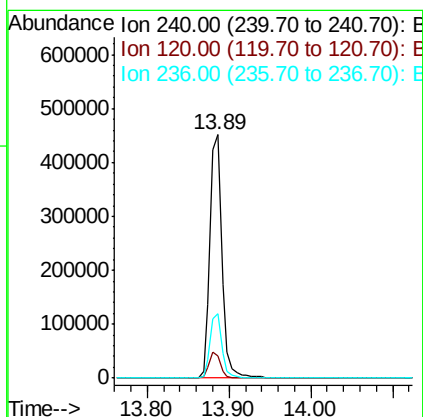
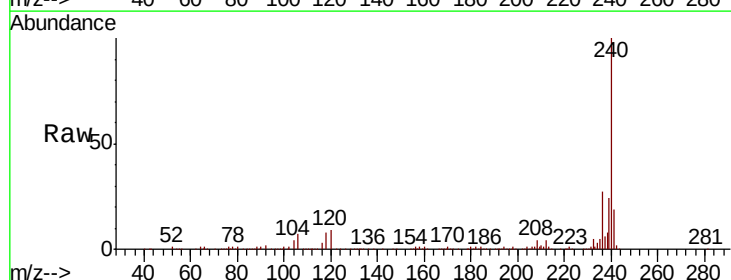
Instrument :
BNA_F
ClientSampleId :
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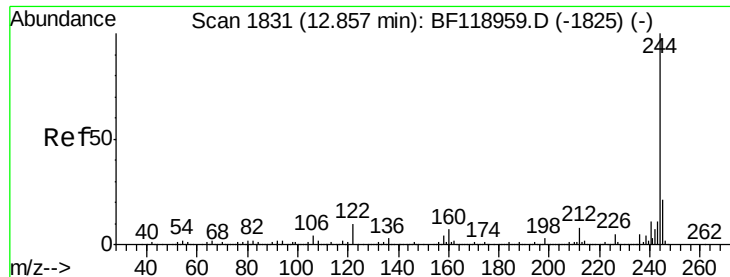
Tot Ion:188 Resp: 644413
Ion Ratio Lower Upper
188 100
94 7.7 7.1 10.7
80 8.2 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF119158.D
Acq: 29 Feb 2020 14:49

Tgt Ion:240 Resp: 459875
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 26.5 21.0 31.4





#79

Terphenyl-d14

Concen: 93.706 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF119158.D

Acq: 29 Feb 2020 14:49

Instrument :

BNA_F

ClientSampleId :

PB127150TB

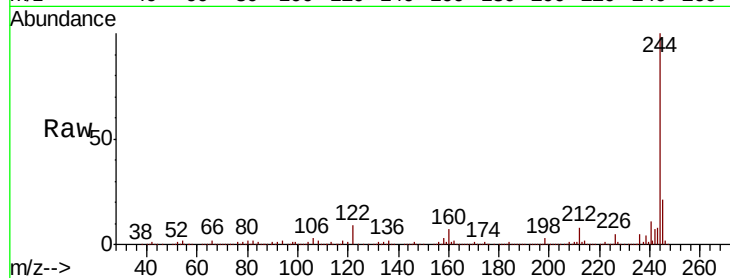
Tot Ion:244 Resp: 2502968

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

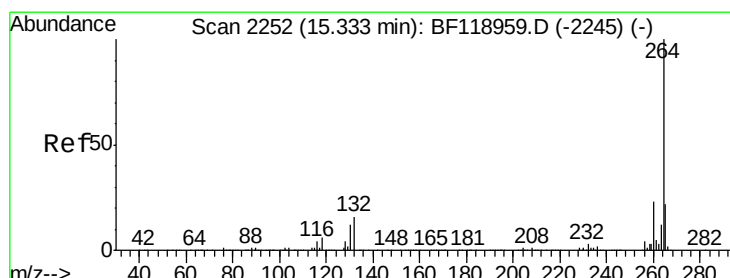
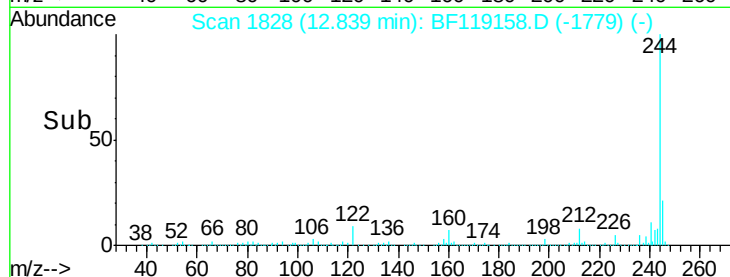
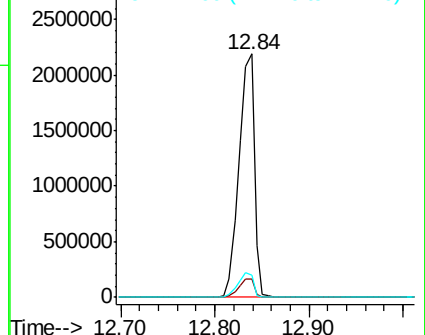
122 9.0 8.2 12.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BF119158.D

Acq: 29 Feb 2020 14:49

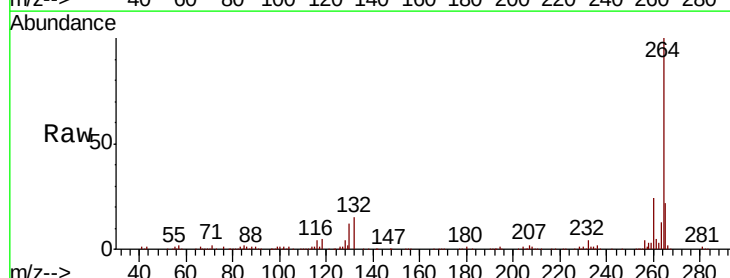
Tgt Ion:264 Resp: 368026

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.7 17.7 26.5



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

