

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120319\
 Data File : BF118063.D
 Acq On : 3 Dec 2019 15:33
 Operator : JU
 Sample : K5675-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619

Quant Time: Dec 03 16:02:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

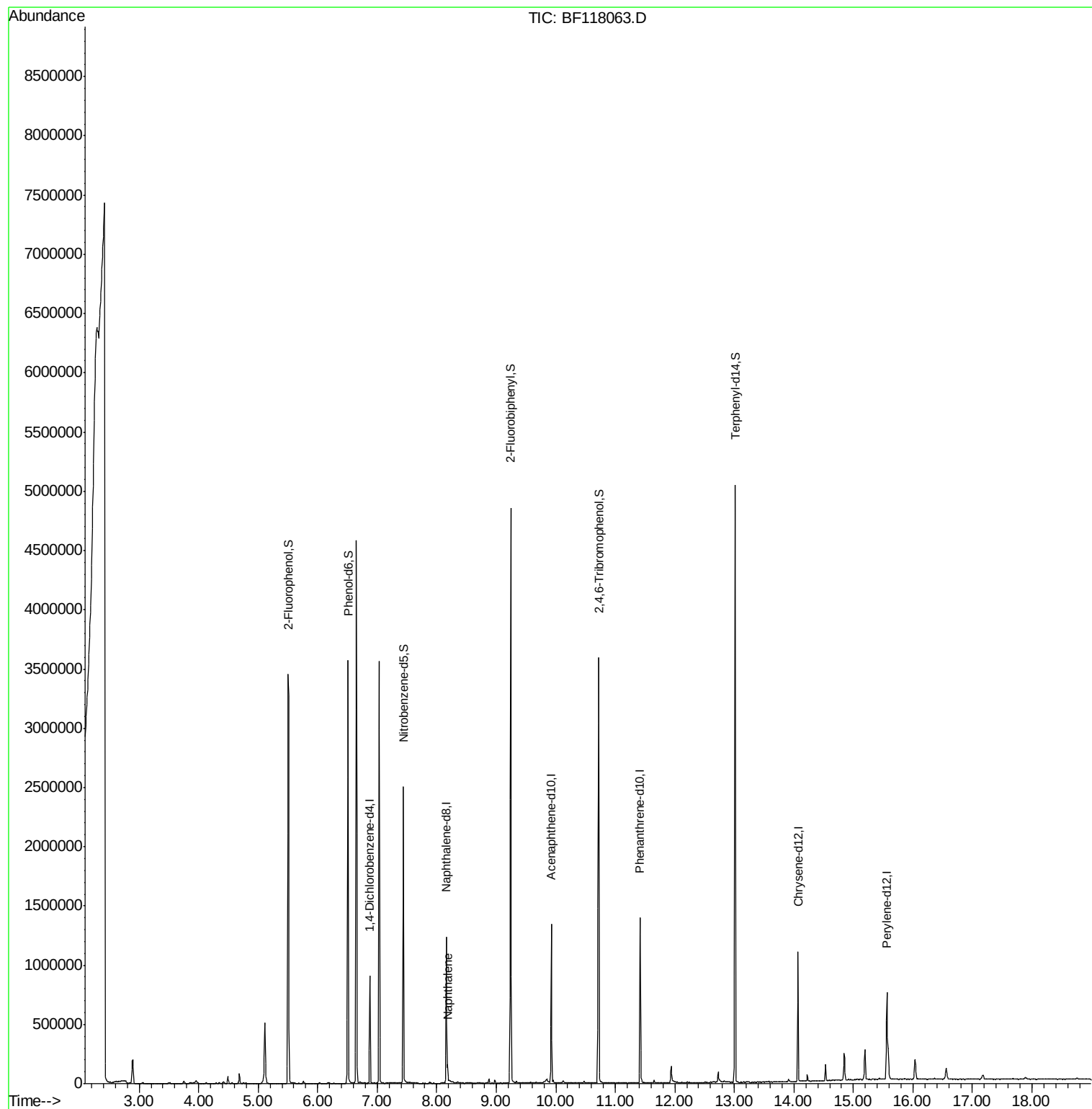
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	138199	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	545457	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	288883	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	528257	20.00	ng	0.00
76) Chrysene-d12	14.07	240	328456	20.00	ng	0.00
87) Perylene-d12	15.56	264	329271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1095450	140.31	ng	0.02
7) Phenol-d6	6.51	99	1334014	141.66	ng	0.00
23) Nitrobenzene-d5	7.44	82	850924	92.74	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	477637	156.17	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1640749	101.89	ng	0.00
79) Terphenyl-d14	13.02	244	1909822	106.27	ng	0.00
Target Compounds						
31) Naphthalene	8.18	128	60993	2.399	ng	Qvalue 99

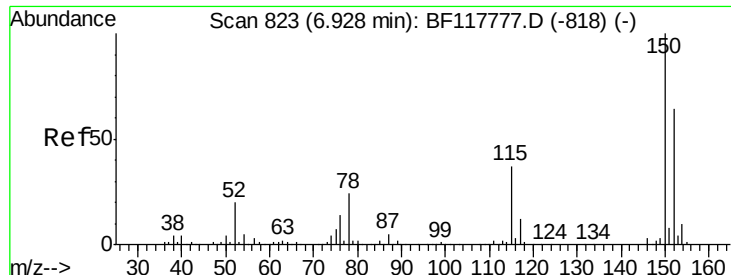
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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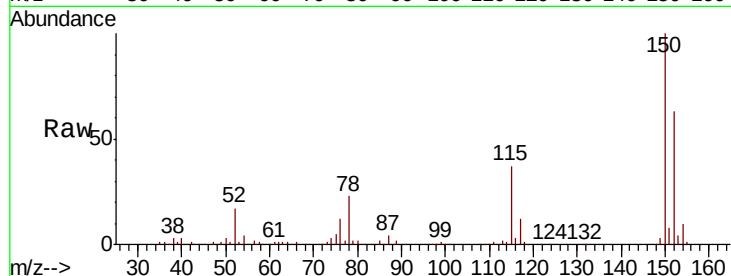


#1

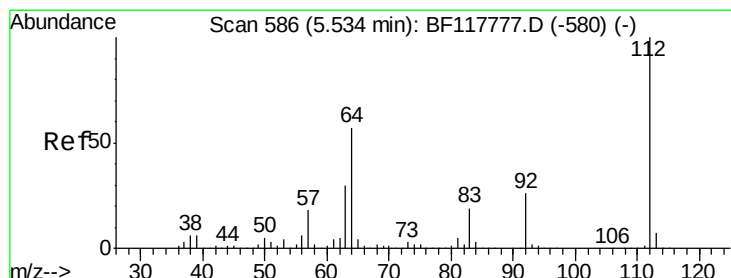
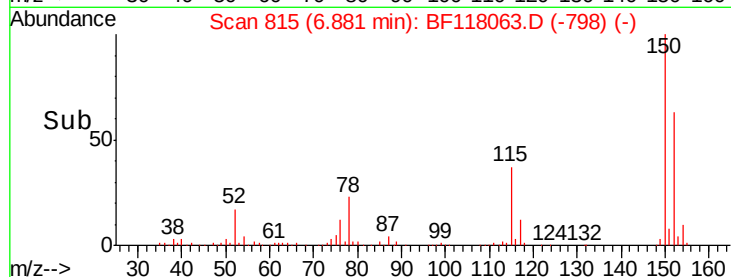
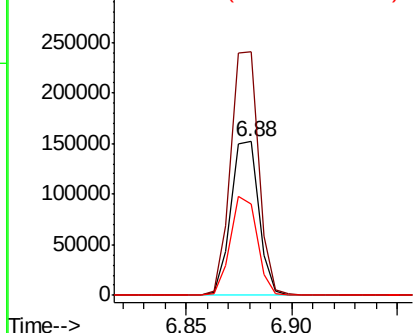
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118063.D
Acq: 3 Dec 2019 15:33

Instrument :
BNA_F
ClientSampleId :
TR-05-112619

Tot Ion:152 Resp: 138199
Ion Ratio Lower Upper
152 100
150 158.5 121.4 182.2
115 59.1 48.8 73.2



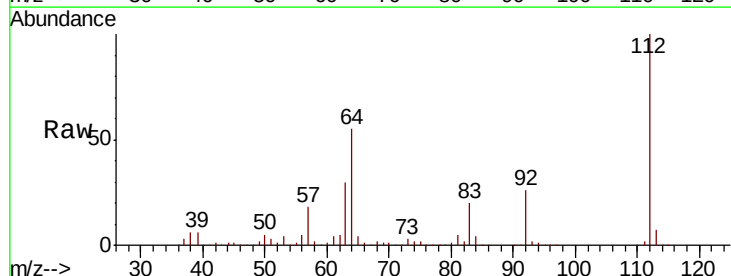
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



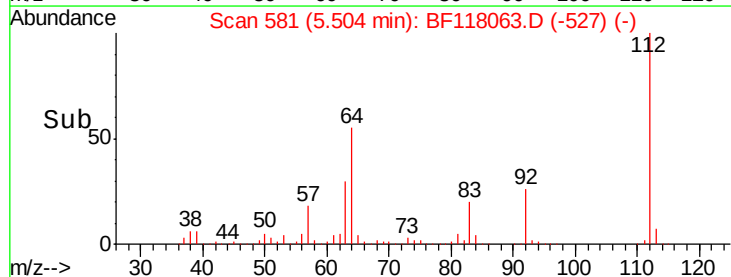
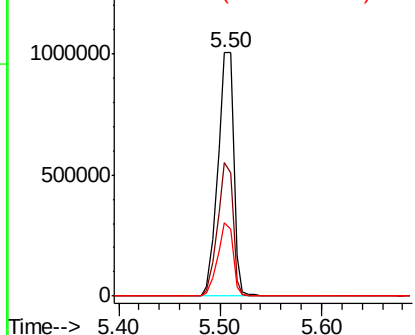
#5

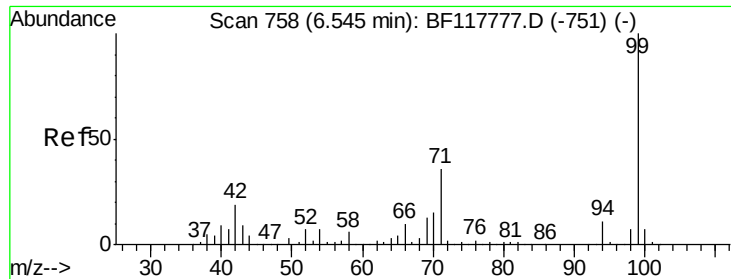
2-Fluorophenol
Concen: 140.309 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF118063.D
Acq: 3 Dec 2019 15:33

Tgt Ion:112 Resp: 1095450
Ion Ratio Lower Upper
112 100
64 55.1 45.1 67.7
63 30.1 24.6 37.0



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: 141.661 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118063.D

Acq: 3 Dec 2019 15:33

Instrument :

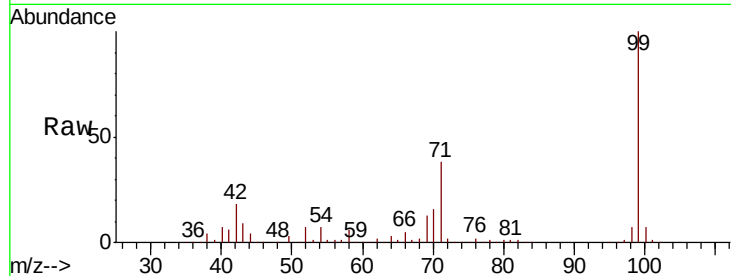
BNA_F

ClientSampleId :

TR-05-112619

Tot Ion: 99 Resp: 1334014

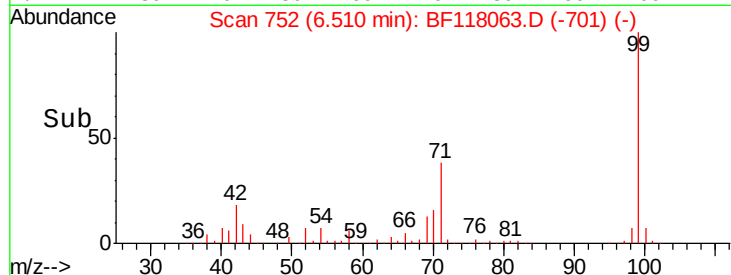
Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.0	21.0
71	38.0	29.2	43.8



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: 8.16 min Scan# 1033

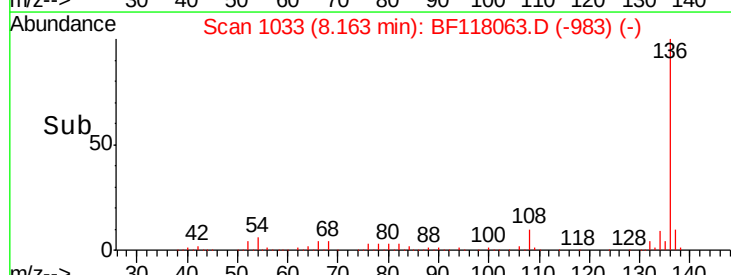
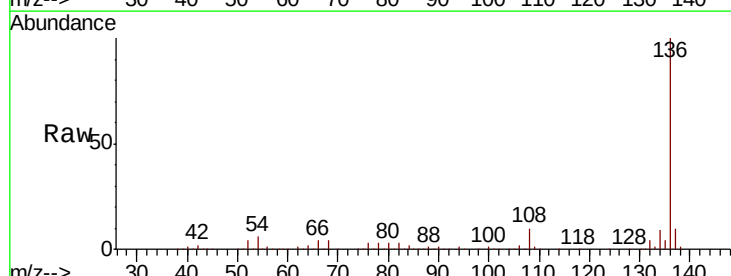
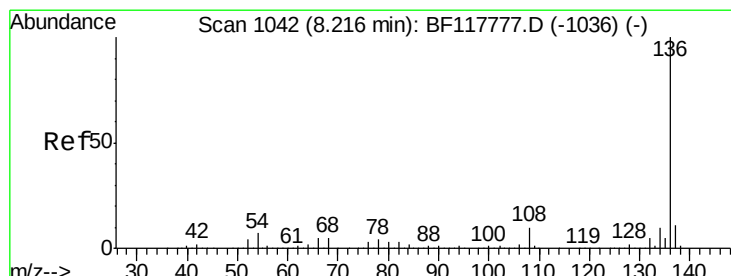
Delta R.T. -0.01 min

Lab File: BF118063.D

Acq: 3 Dec 2019 15:33

Tgt Ion: 136 Resp: 545457

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	6.0	4.9	7.3
68	4.4	3.6	5.4

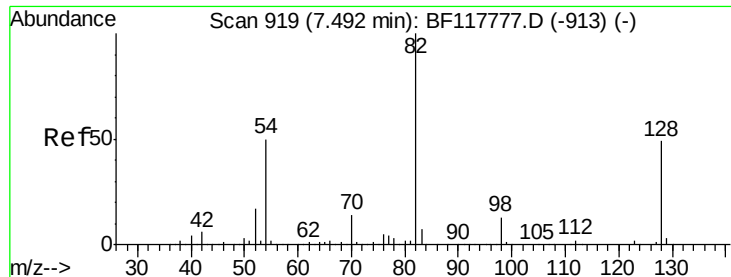


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

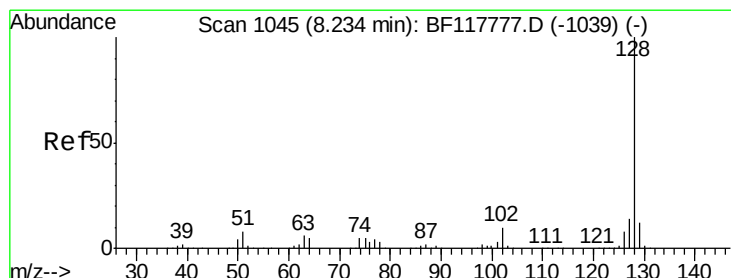
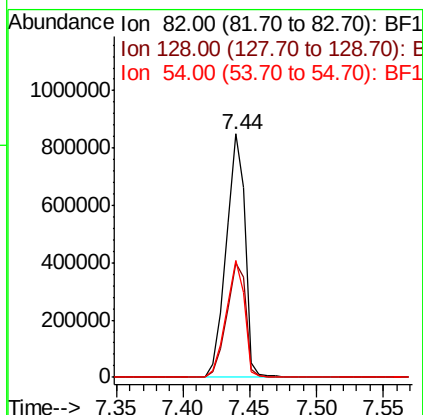
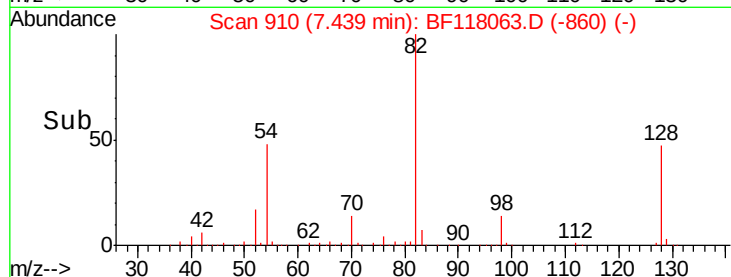
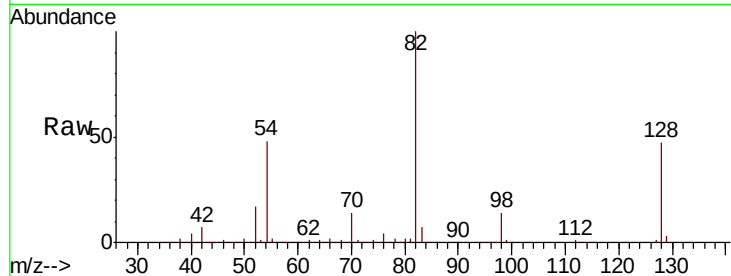
Ion 68.00 (67.70 to 68.70): BF1



#23
 Nitrobenzene-d5
 Concen: 92.737 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118063.D
 Acq: 3 Dec 2019 15:33

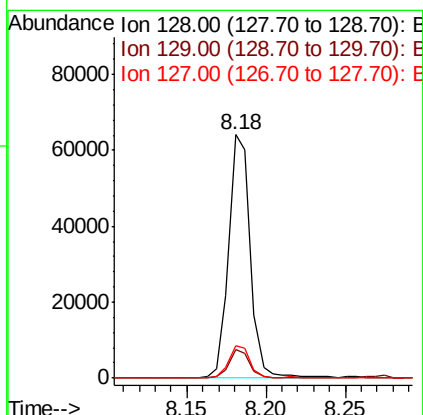
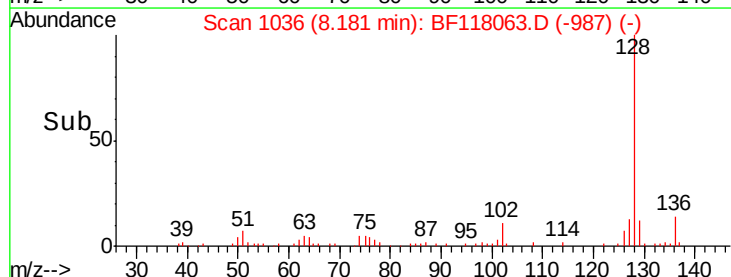
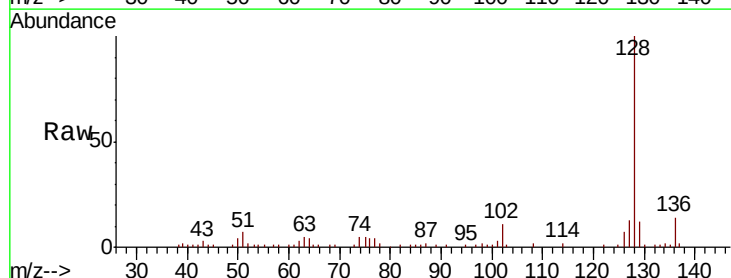
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619

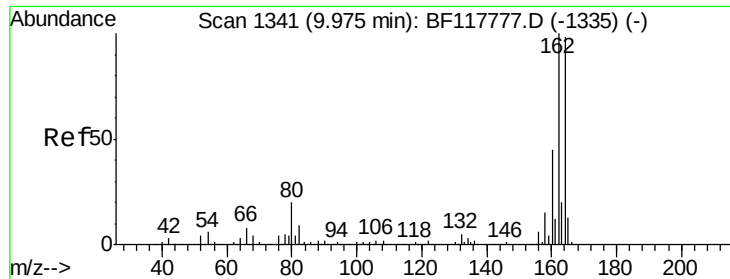
Tot Ion: 82 Resp: 850924
 Ion Ratio Lower Upper
 82 100
 128 46.9 38.2 57.4
 54 48.0 39.0 58.4



#31
 Naphthalene
 Concen: 2.399 ng
 RT: 8.18 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF118063.D
 Acq: 3 Dec 2019 15:33

Tgt Ion: 128 Resp: 60993
 Ion Ratio Lower Upper
 128 100
 129 11.6 8.8 13.2
 127 13.4 10.6 16.0

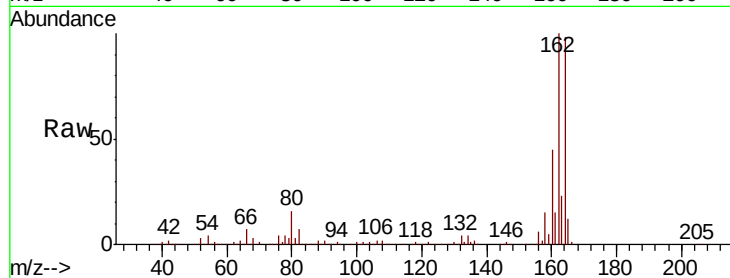




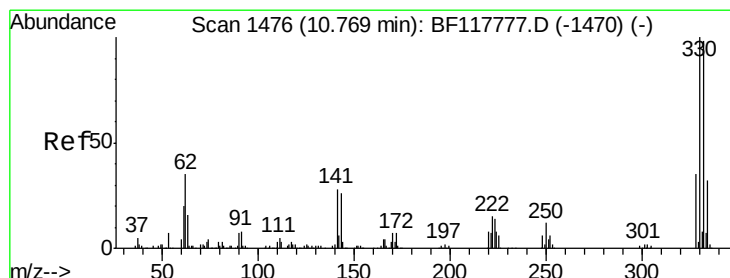
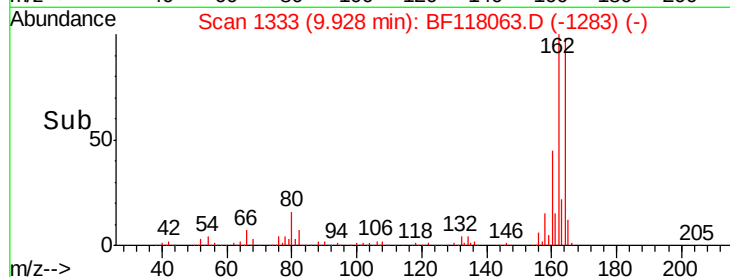
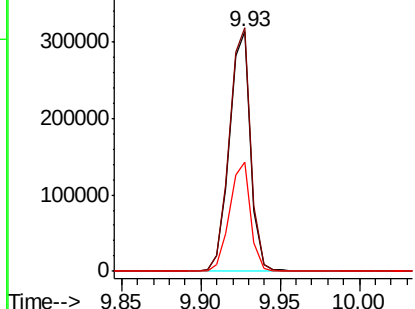
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.01 min
 Lab File: BF118063.D
 Acq: 3 Dec 2019 15:33

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-112619

Tot Ion:164 Resp: 288883
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.8 122.8
 160 45.6 35.9 53.9

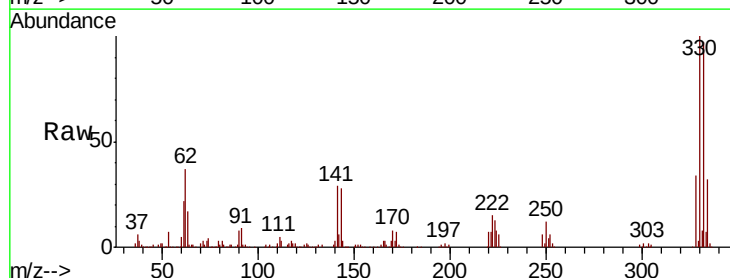


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

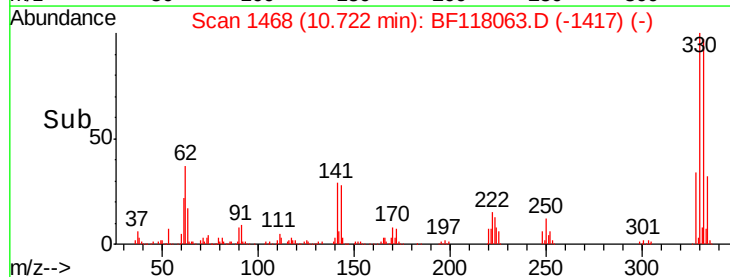
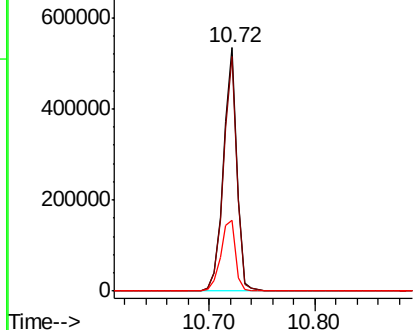


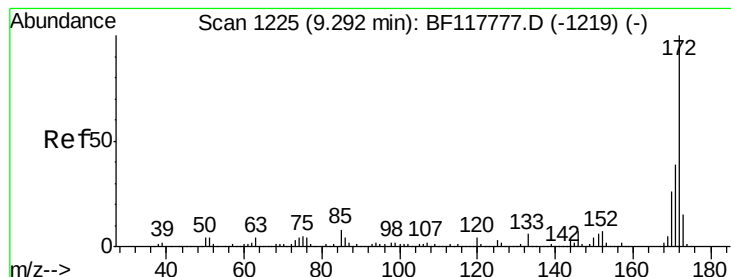
#42
 2,4,6-Tribromophenol
 Concen: 156.174 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF118063.D
 Acq: 3 Dec 2019 15:33

Tgt Ion:330 Resp: 477637
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.3 117.5
 141 32.2 26.4 39.6



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



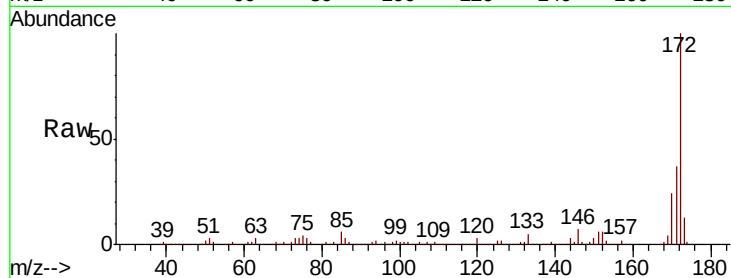


#45
 2-Fluorobiphenyl
 Concen: 101.895 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF118063.D
 Acq: 3 Dec 2019 15:33

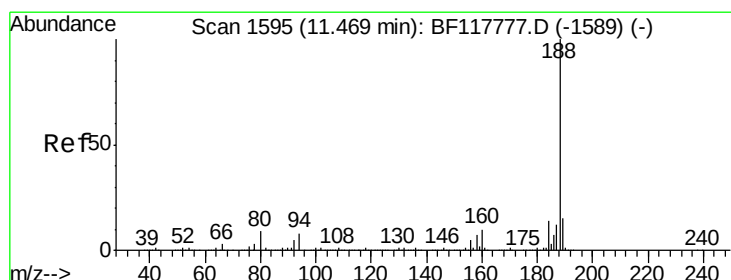
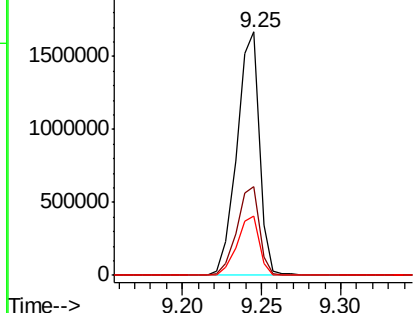
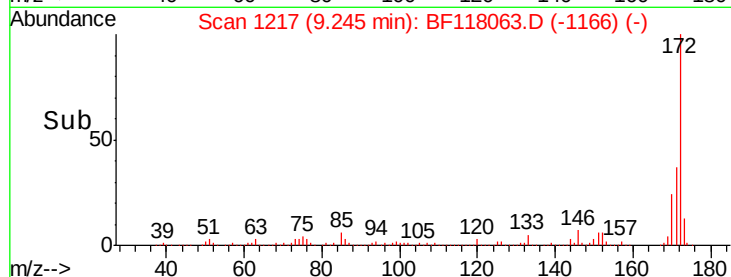
Instrument :
 BNA_F
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 TR-05-112619

Tot Ion:172 Resp: 1640749

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.2	43.8
170	24.2	19.3	28.9



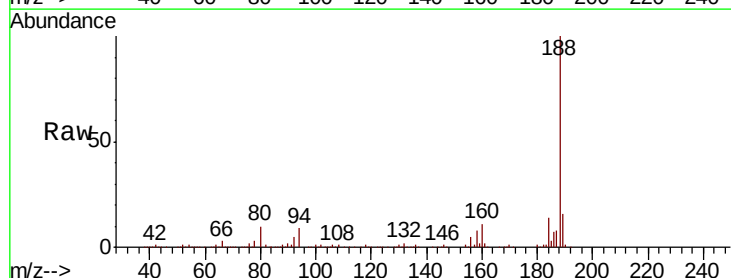
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



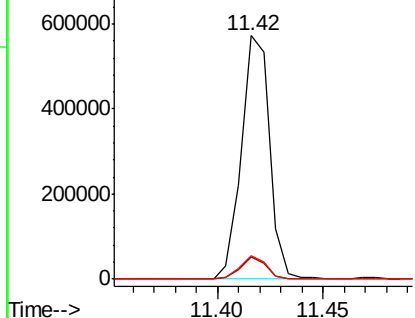
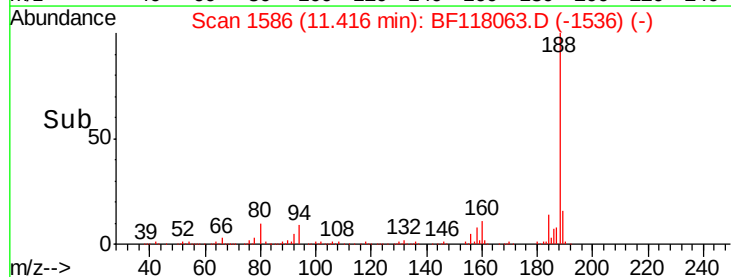
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF118063.D
 Acq: 3 Dec 2019 15:33

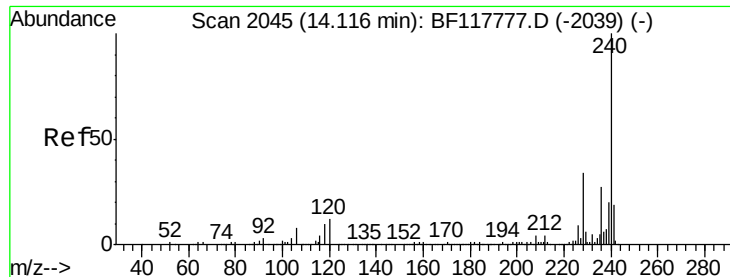
Tgt Ion:188 Resp: 528257

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.6
80	9.8	7.2	10.8



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

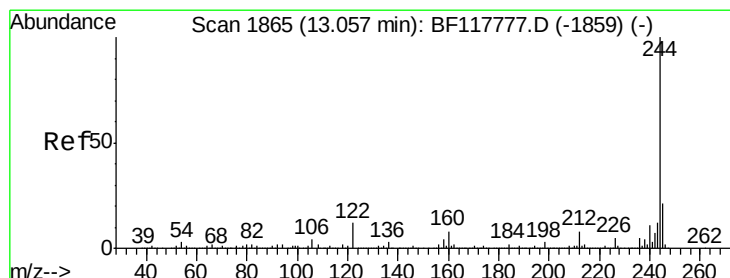
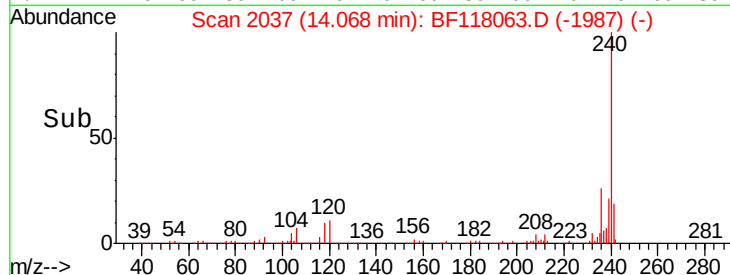
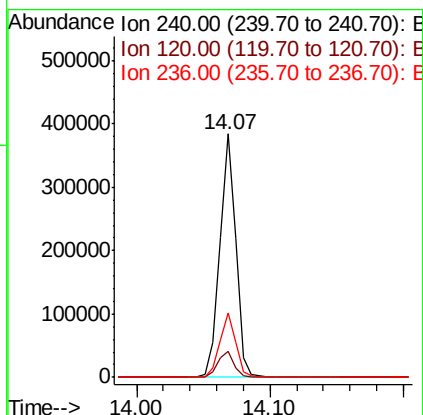
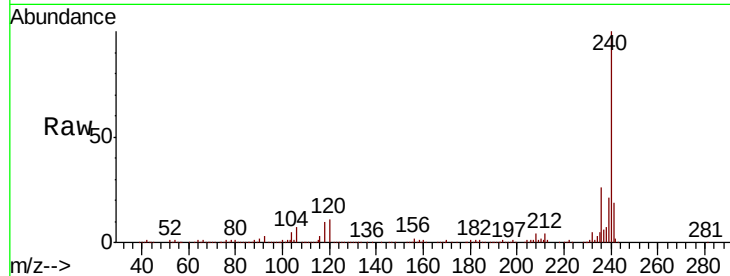




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF118063.D
 Acq: 3 Dec 2019 15:33

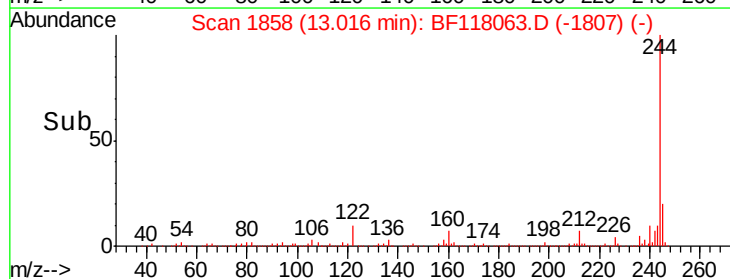
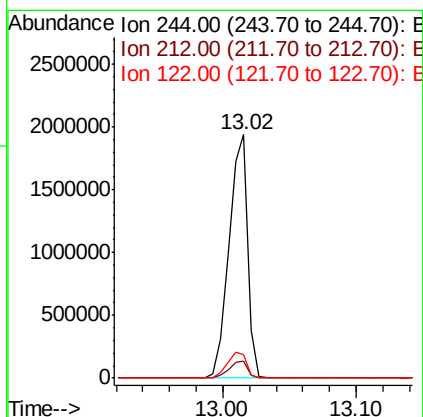
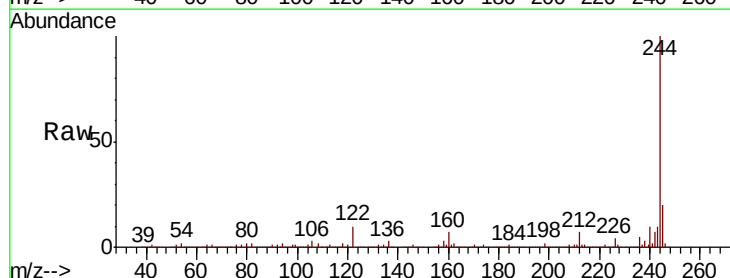
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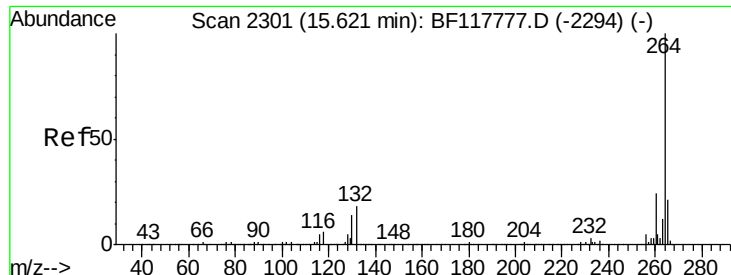
Tot Ion:240 Resp: 328456
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.4 12.6
 236 26.4 20.6 31.0



#79
 Terphenyl-d14
 Concen: 106.267 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: BF118063.D
 Acq: 3 Dec 2019 15:33

Tgt Ion:244 Resp: 1909822
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.2 7.8
 122 9.6 7.2 10.8

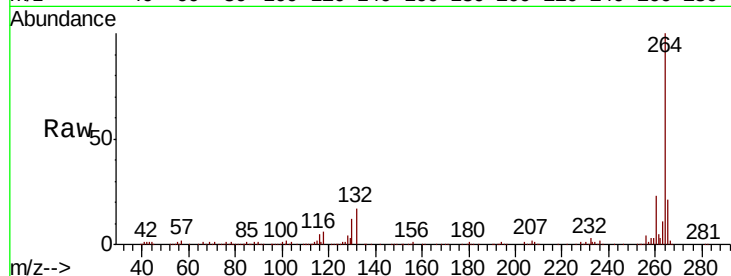




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF118063.D
Acq: 3 Dec 2019 15:33

Instrument :
BNA_F
ClientSampleId :
TR-05-112619

Tot Ion:264	Resp:	329271
Ion Ratio	Lower	Upper
264	100	
260	23.2	19.0 28.6
265	21.2	16.4 24.6



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

