

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117100.D
 Acq On : 17 Sep 2019 12:24
 Operator : HP/JU
 Sample : K4887-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0157

Quant Time: Sep 17 18:24:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

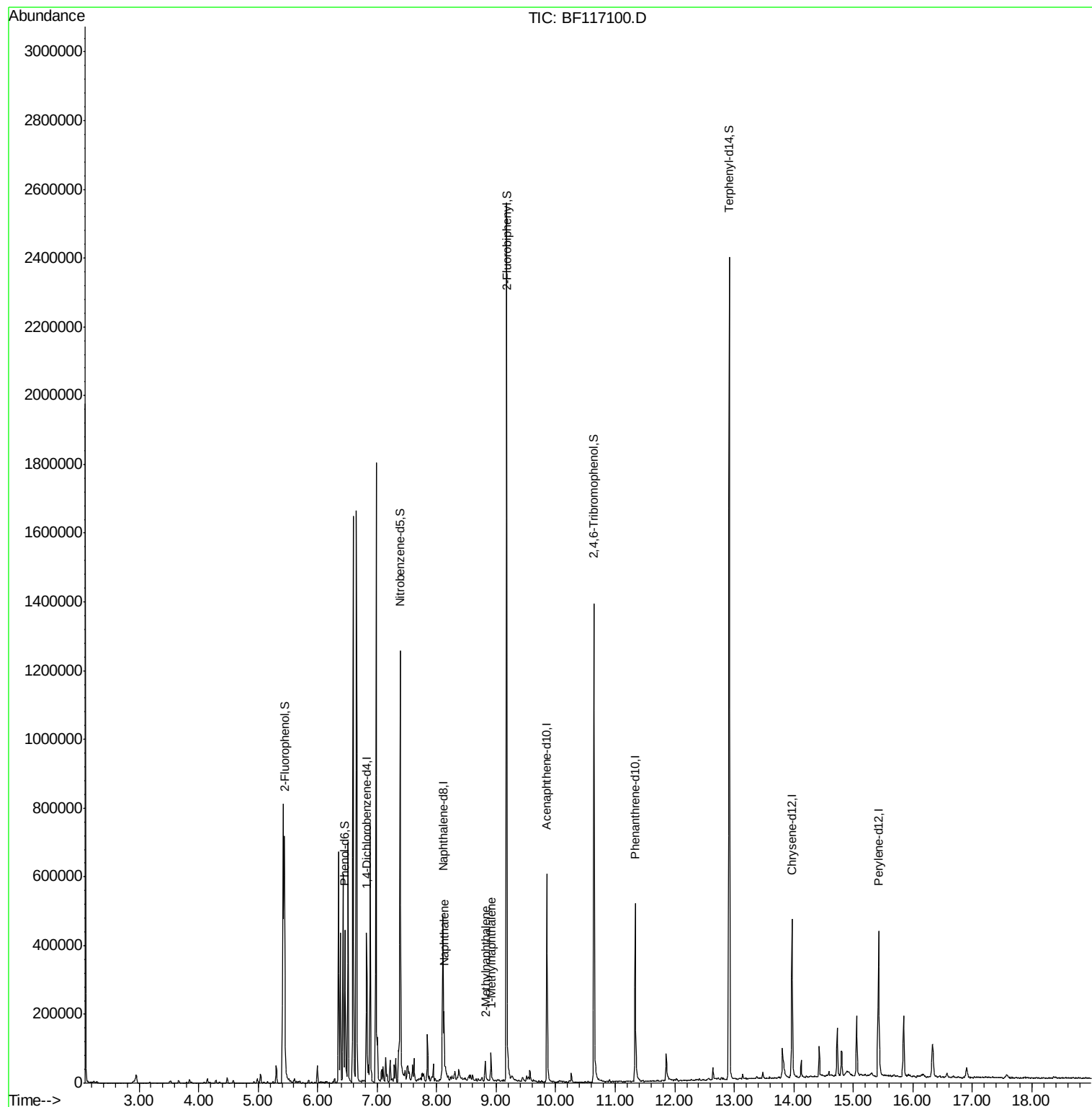
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	64958	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	255915	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	132762	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	219697	20.00	ng	0.00
76) Chrysene-d12	13.97	240	163892	20.00	ng	0.00
87) Perylene-d12	15.42	264	133233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	211716	50.89	ng	0.00
7) Phenol-d6	6.46	99	173884	32.34	ng	0.00
23) Nitrobenzene-d5	7.39	82	456786	93.78	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	165456	149.12	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	805500	94.87	ng	0.00
79) Terphenyl-d14	12.92	244	766397	87.41	ng	0.00
Target Compounds						
31) Naphthalene	8.12	128	82473	6.701	ng	99
37) 2-Methylnaphthalene	8.82	142	19385	2.339	ng	98
38) 1-Methylnaphthalene	8.91	142	24527	3.160	ng	97

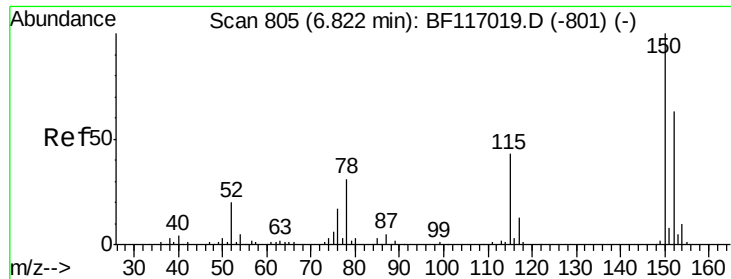
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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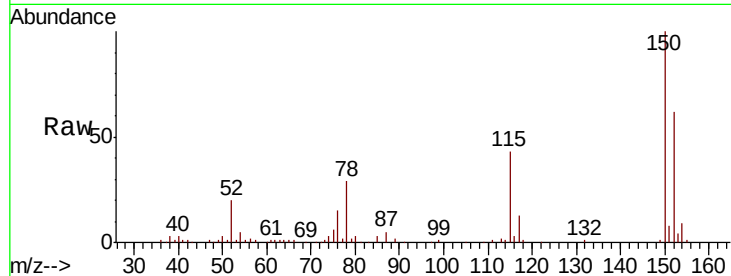


#1

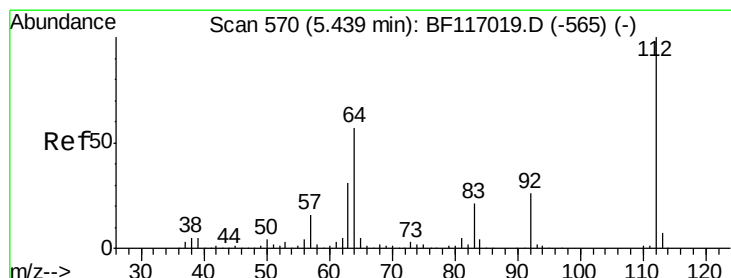
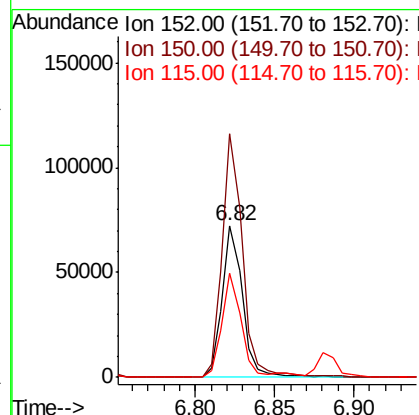
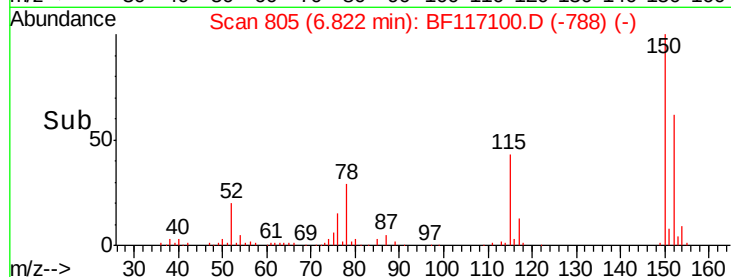
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117100.D
Acq: 17 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :
Z2-0157

Tot Ion:152 Resp: 64958
Ion Ratio Lower Upper
152 100
150 160.7 127.5 191.3
115 68.4 55.0 82.4



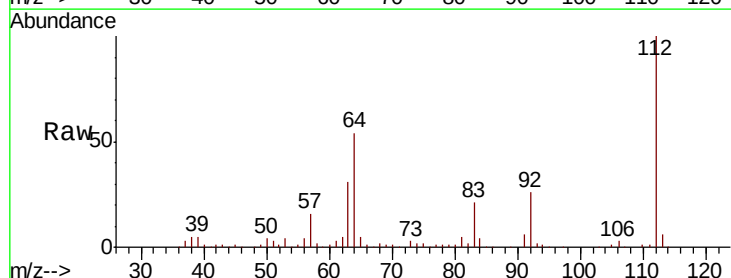
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



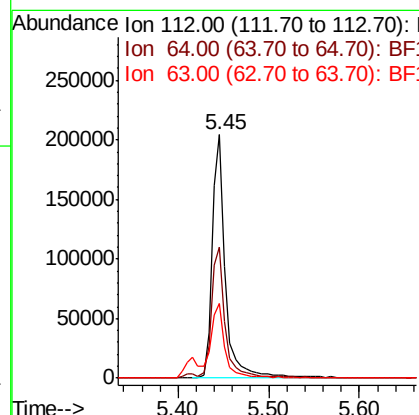
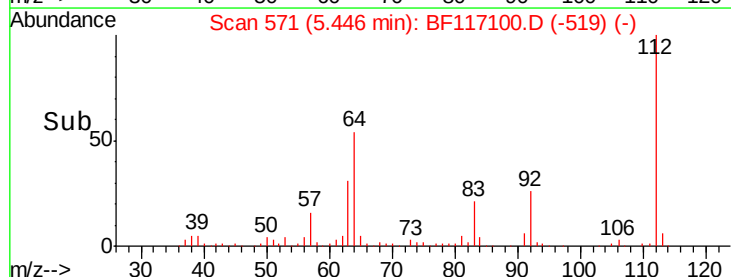
#5

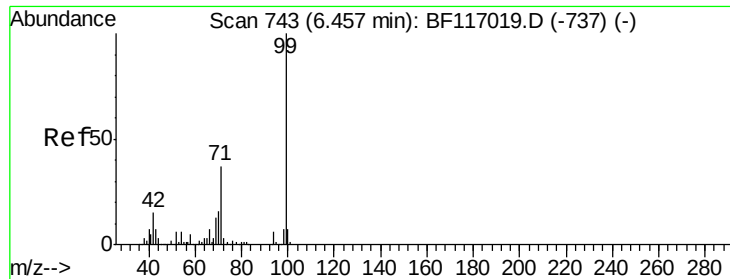
2-Fluorophenol
Concen: 50.885 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117100.D
Acq: 17 Sep 2019 12:24

Tgt Ion:112 Resp: 211716
Ion Ratio Lower Upper
112 100
64 54.0 45.7 68.5
63 30.6 24.9 37.3



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: 32.338 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117100.D

Acq: 17 Sep 2019 12:24

Instrument :

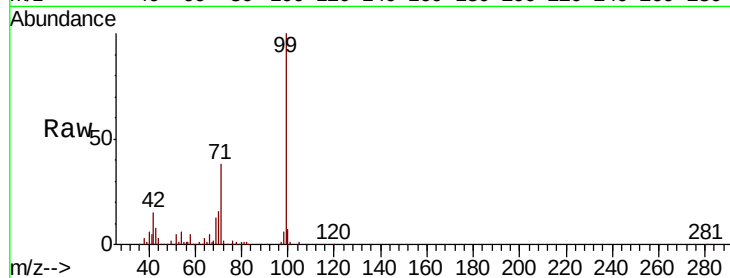
BNA_F

ClientSampleId :

Z2-0157

Tot Ion: 99 Resp: 173884

Ion	Ratio	Lower	Upper
99	100		
42	14.6	12.2	18.2
71	37.8	29.8	44.8

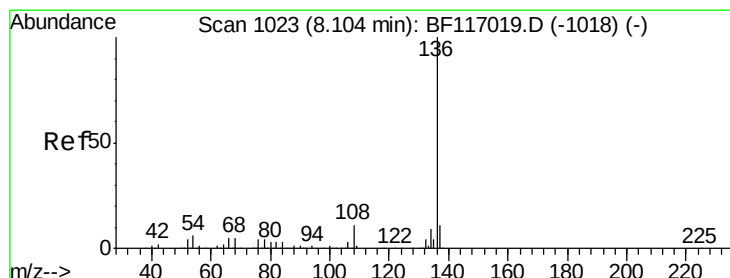
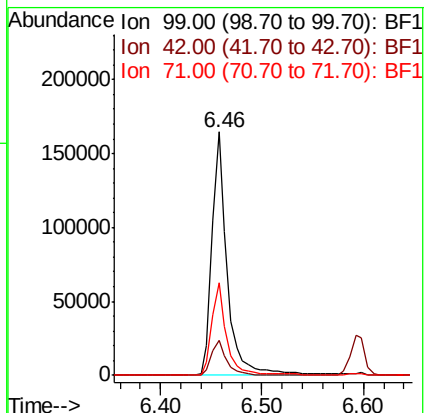
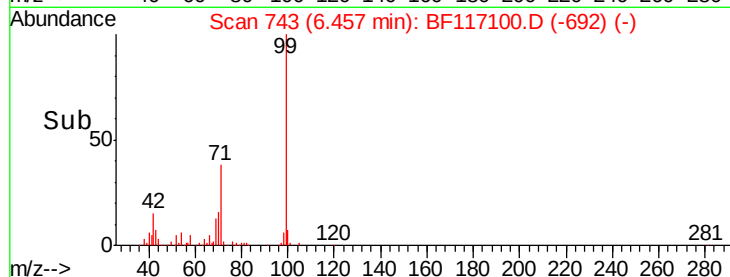


Abundance

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: 8.10 min Scan# 1023

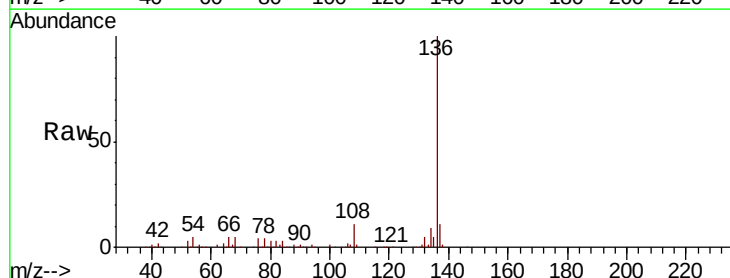
Delta R.T. 0.00 min

Lab File: BF117100.D

Acq: 17 Sep 2019 12:24

Tgt Ion: 136 Resp: 255915

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	5.3	4.5	6.7
68	4.5	4.0	6.0



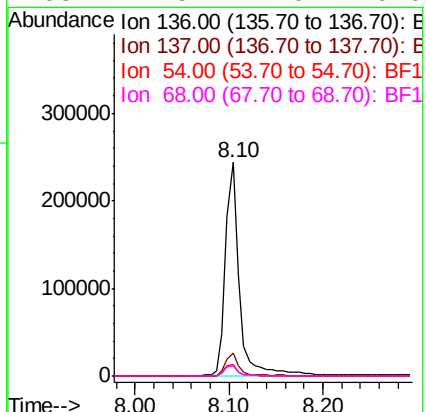
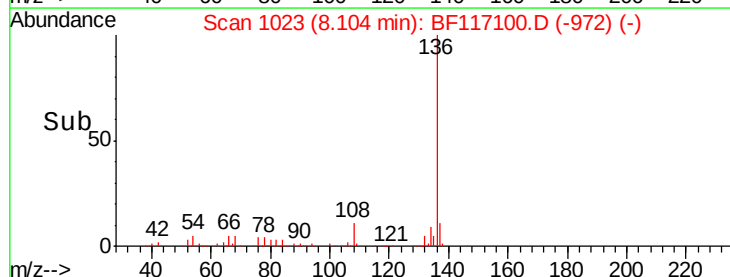
Abundance

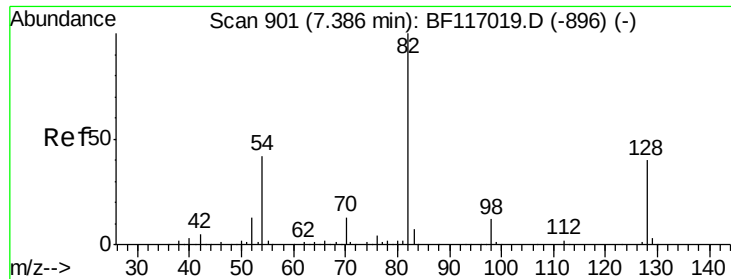
Ion 136.00 (135.70 to 136.70): E

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

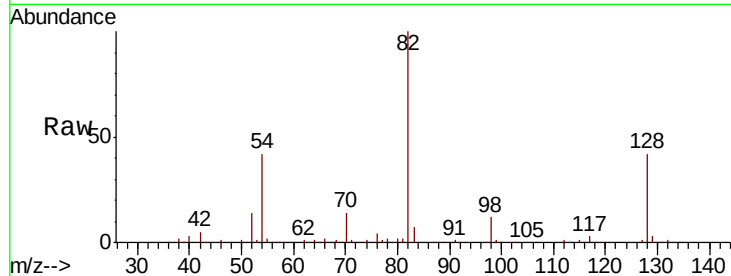




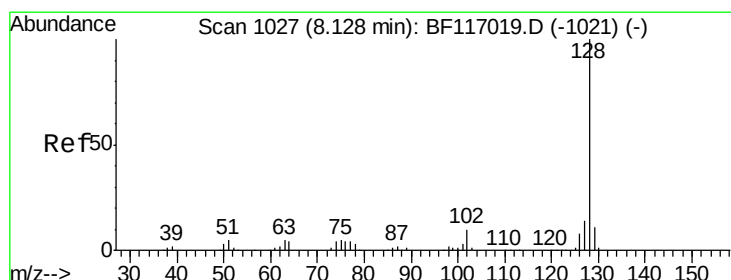
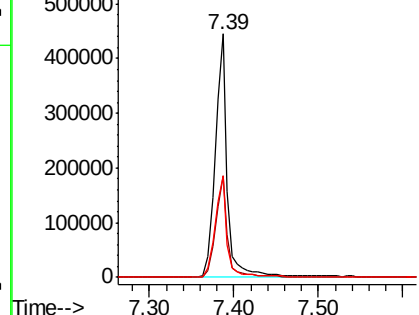
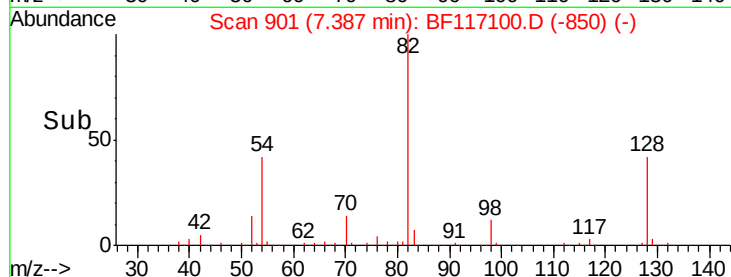
#23
Nitrobenzene-d5
Concen: 93.784 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117100.D
Acq: 17 Sep 2019 12:24

Instrument :
BNA_F
ClientSampleId :
Z2-0157

Tot Ion	82	Resp	456786
Ion Ratio	Lower	Upper	
82	100		
128	41.7	32.3	48.5
54	41.8	33.3	49.9

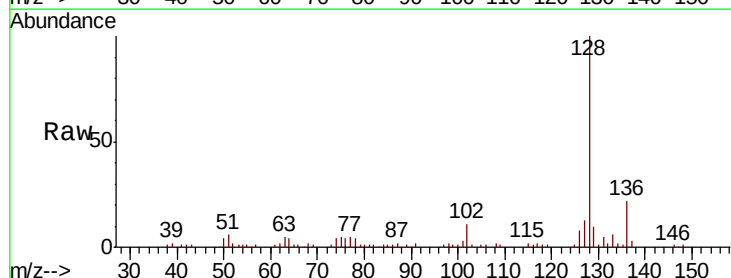


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

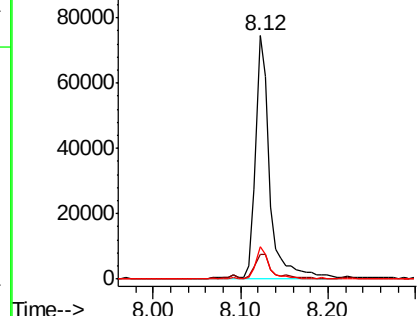
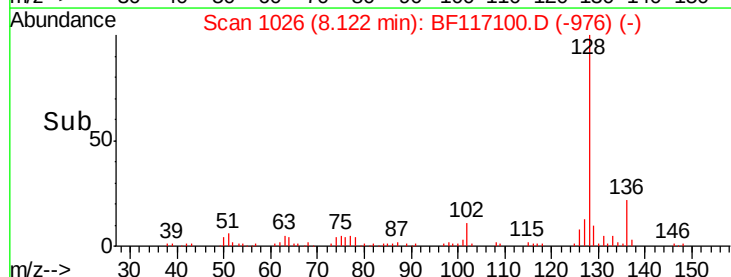


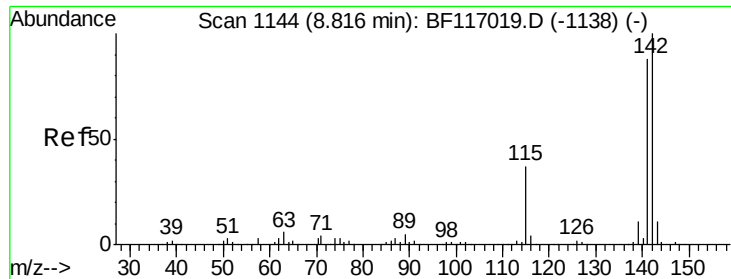
#31
Naphthalene
Concen: 6.701 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117100.D
Acq: 17 Sep 2019 12:24

Tgt Ion	128	Resp	82473
Ion Ratio	Lower	Upper	
128	100		
129	10.3	9.0	13.4
127	13.2	10.8	16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

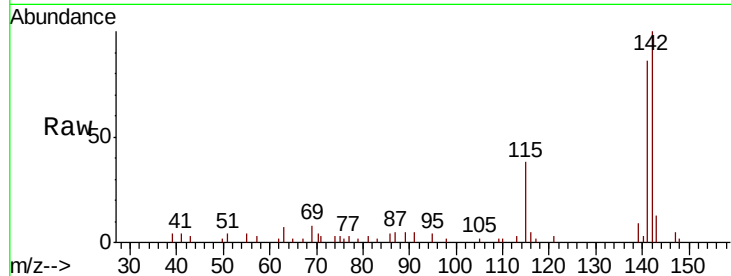




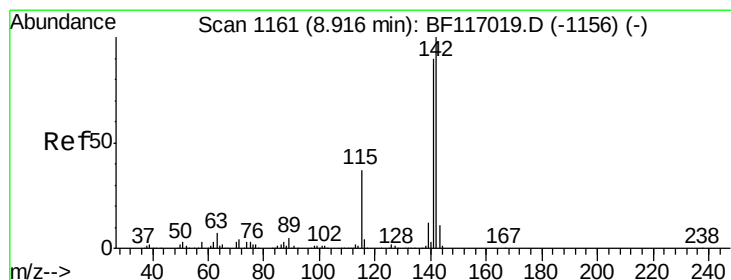
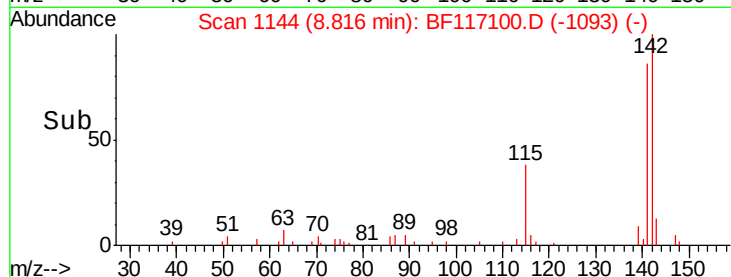
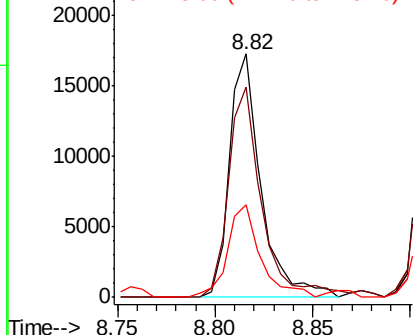
#37
 2-Methylnaphthalene
 Concen: 2.339 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: BF117100.D
 Acq: 17 Sep 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0157

Tot Ion:142 Resp: 19385
 Ion Ratio Lower Upper
 142 100
 141 86.1 70.7 106.1
 115 38.1 29.4 44.0

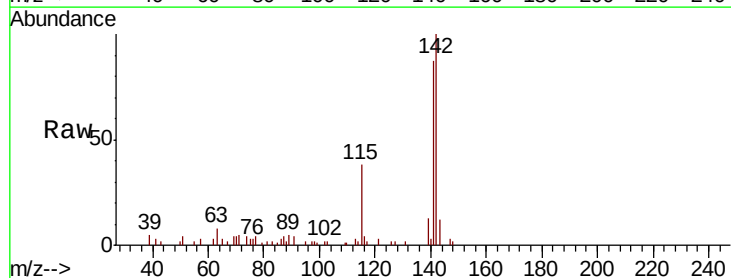


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

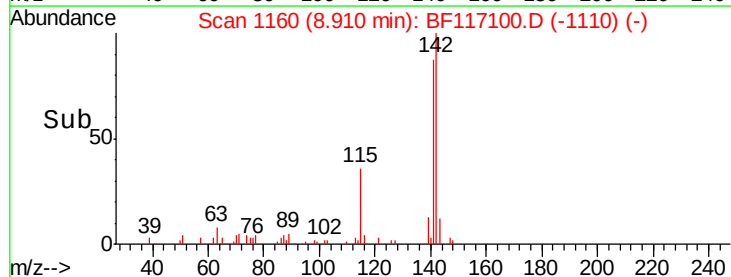
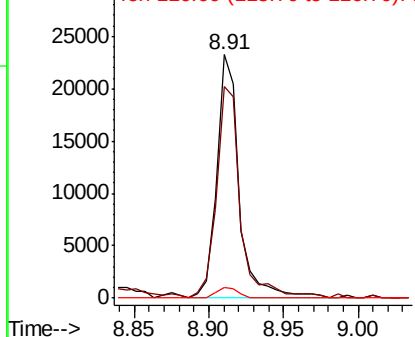


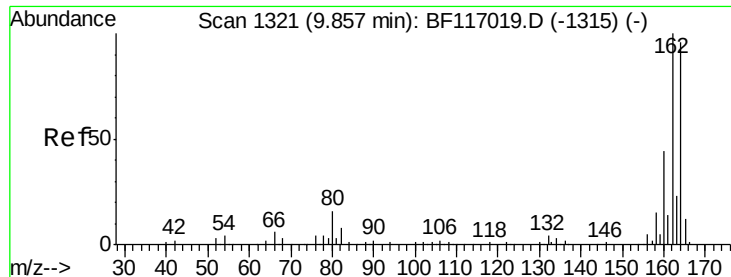
#38
 1-Methylnaphthalene
 Concen: 3.160 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF117100.D
 Acq: 17 Sep 2019 12:24

Tgt Ion:142 Resp: 24527
 Ion Ratio Lower Upper
 142 100
 141 86.8 71.9 107.9
 116 4.2 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117100.D

Acq: 17 Sep 2019 12:24

Instrument :

BNA_F

ClientSampleId :

Z2-0157

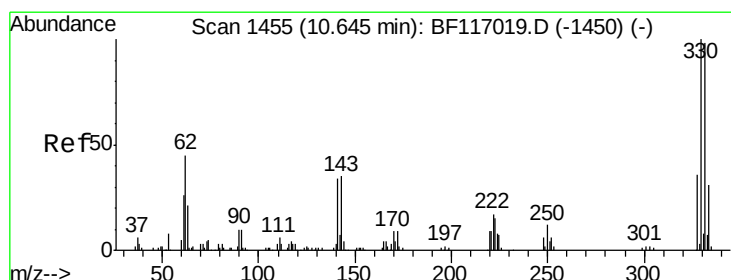
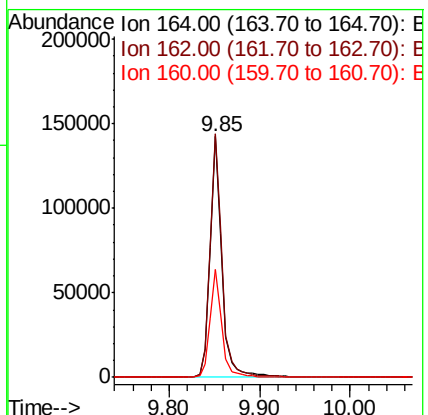
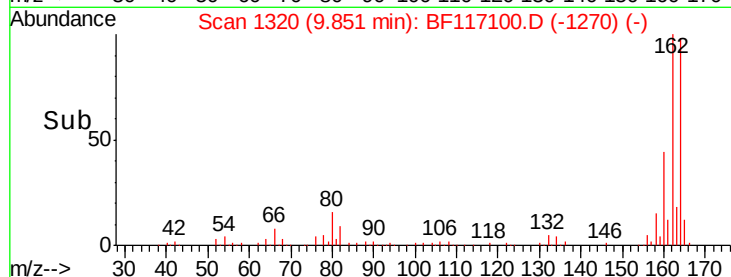
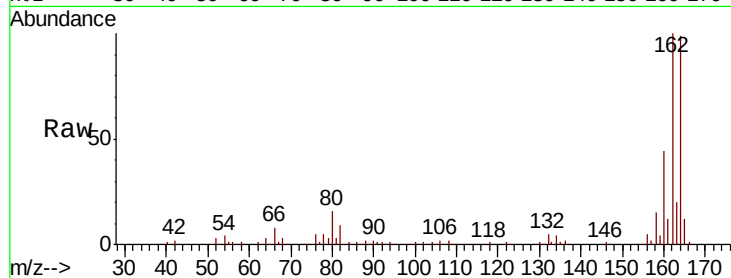
Tot Ion:164 Resp: 132762

Ion Ratio Lower Upper

164 100

162 101.3 83.4 125.2

160 44.8 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 149.115 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117100.D

Acq: 17 Sep 2019 12:24

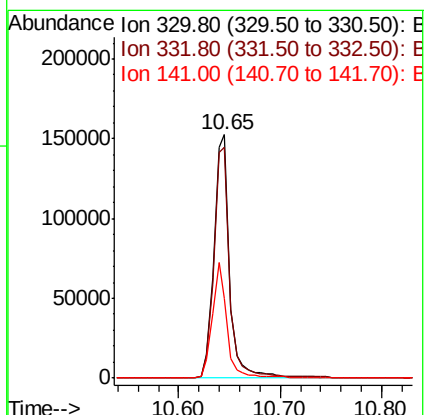
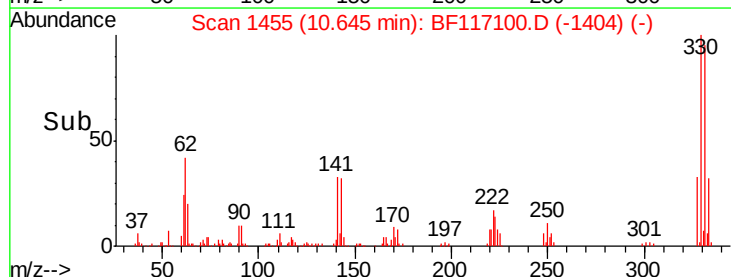
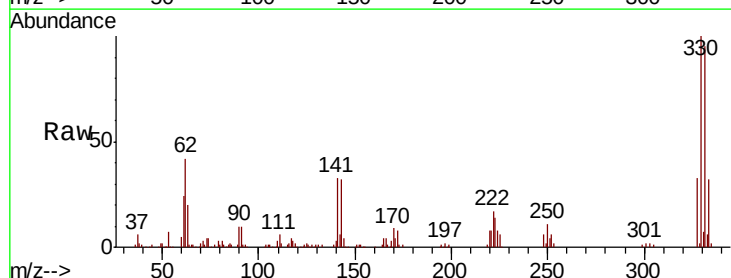
Tgt Ion:330 Resp: 165456

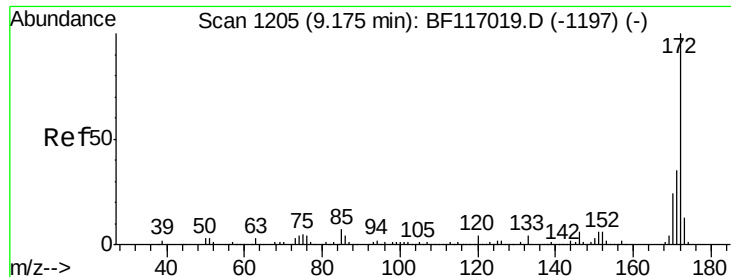
Ion Ratio Lower Upper

330 100

332 96.5 78.0 117.0

141 44.7 35.8 53.6

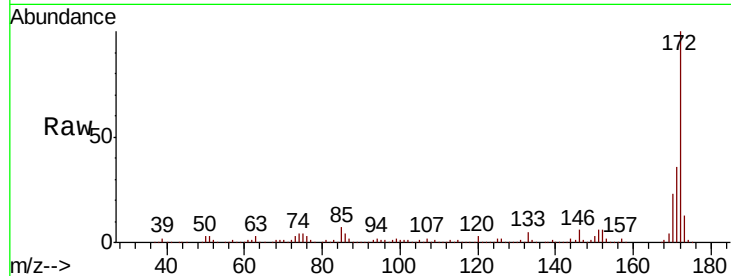




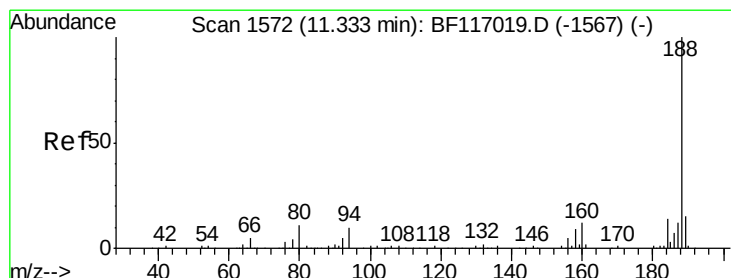
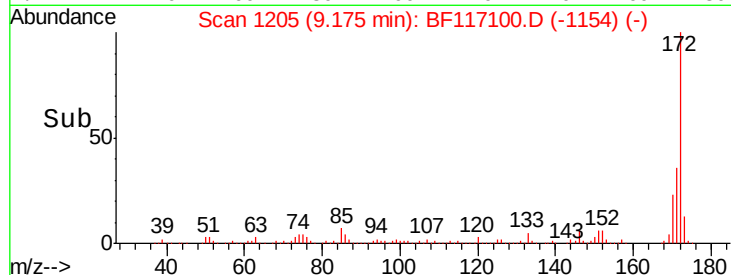
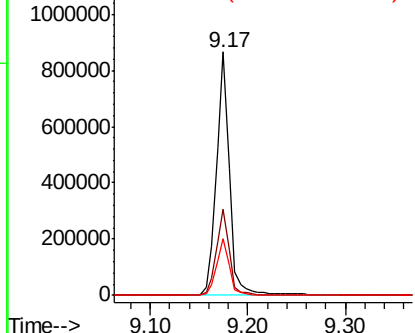
#45
 2-Fluorobiphenyl
 Concen: 94.866 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF117100.D
 Acq: 17 Sep 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0157

Tot Ion:172 Resp: 805500
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.2 42.2
 170 23.4 18.9 28.3

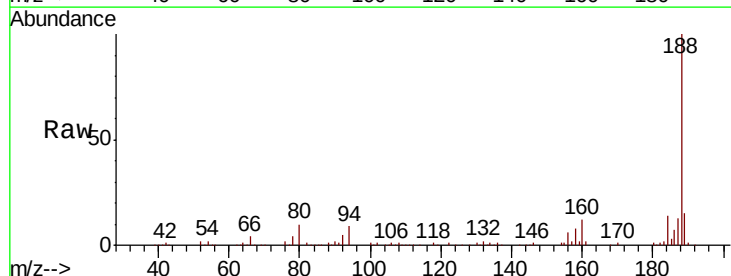


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

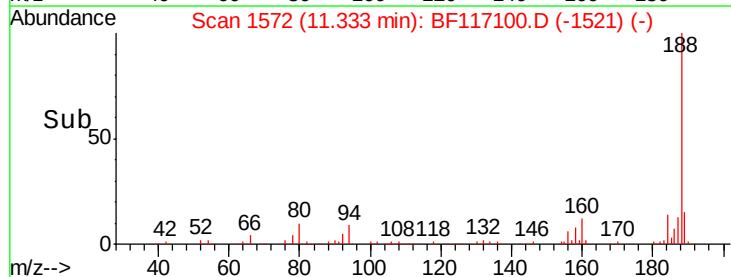
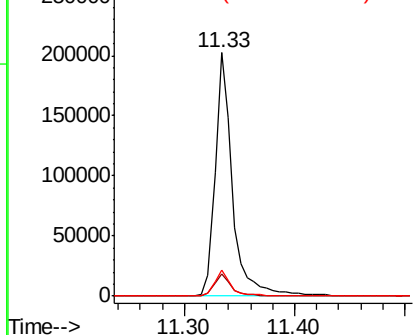


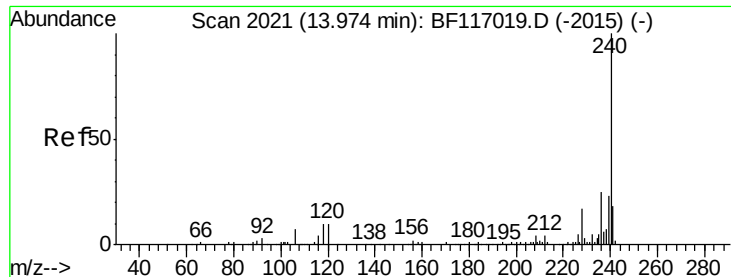
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF117100.D
 Acq: 17 Sep 2019 12:24

Tgt Ion:188 Resp: 219697
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.2 12.2
 80 10.5 9.0 13.6



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

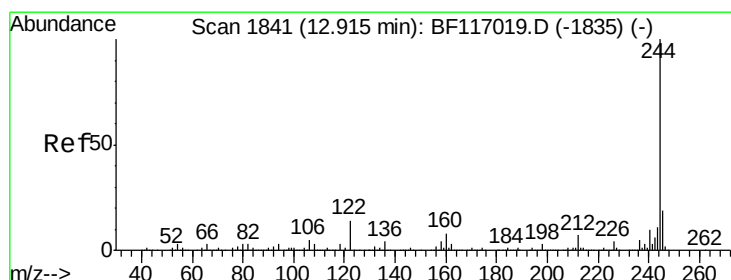
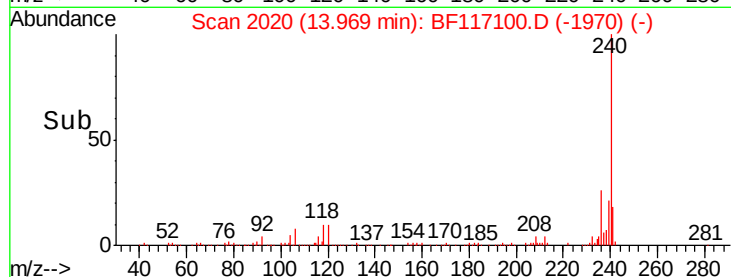
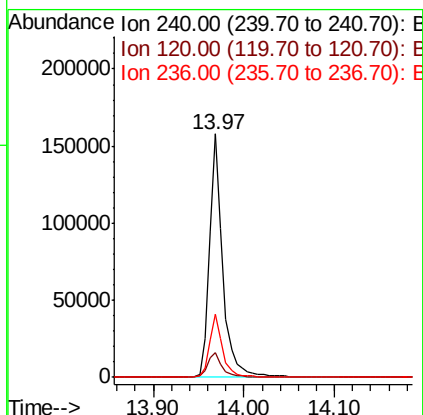
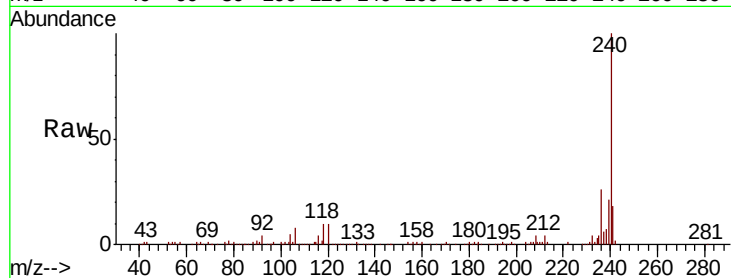




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117100.D
Acq: 17 Sep 2019 12:24

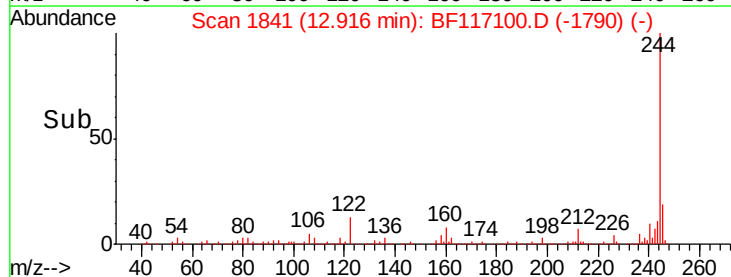
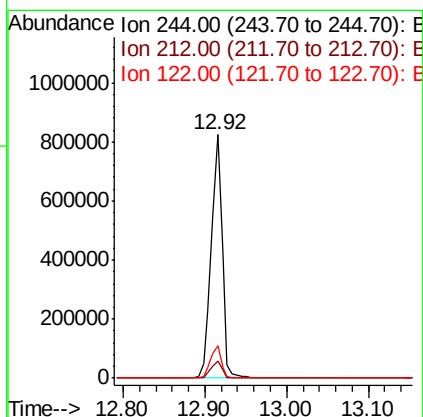
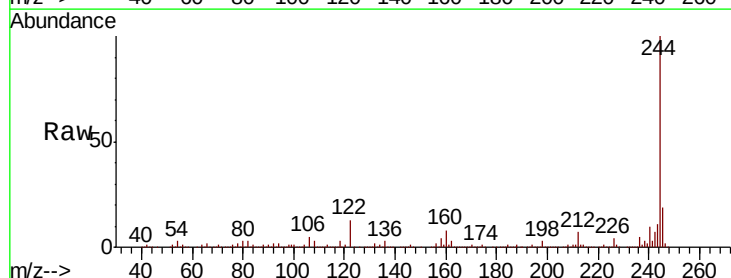
Instrument :
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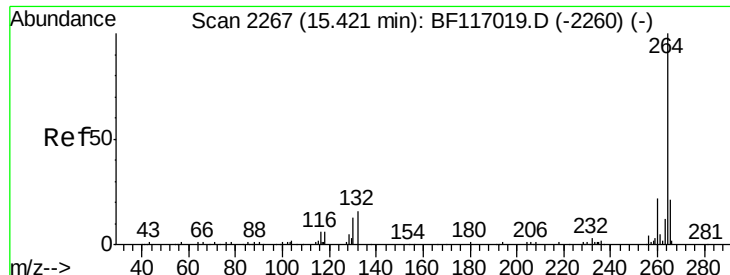
Tot Ion:240 Resp: 163892
Ion Ratio Lower Upper
240 100
120 10.3 8.3 12.5
236 26.0 20.3 30.5



#79
Terphenyl-d14
Concen: 87.409 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117100.D
Acq: 17 Sep 2019 12:24

Tgt Ion:244 Resp: 766397
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 13.4 11.3 16.9





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117100.D
 Acq: 17 Sep 2019 12:24

Instrument :
 BNA_F
 ClientSampleId :
 Z2-0157

Tot Ion:	264	Resp:	133233
Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.6	26.4
265	19.5	16.6	24.8

