

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092419\
 Data File : BF117230.D
 Acq On : 24 Sep 2019 21:54
 Operator : JU
 Sample : K4664-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-092319

Quant Time: Sep 25 07:54:09 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

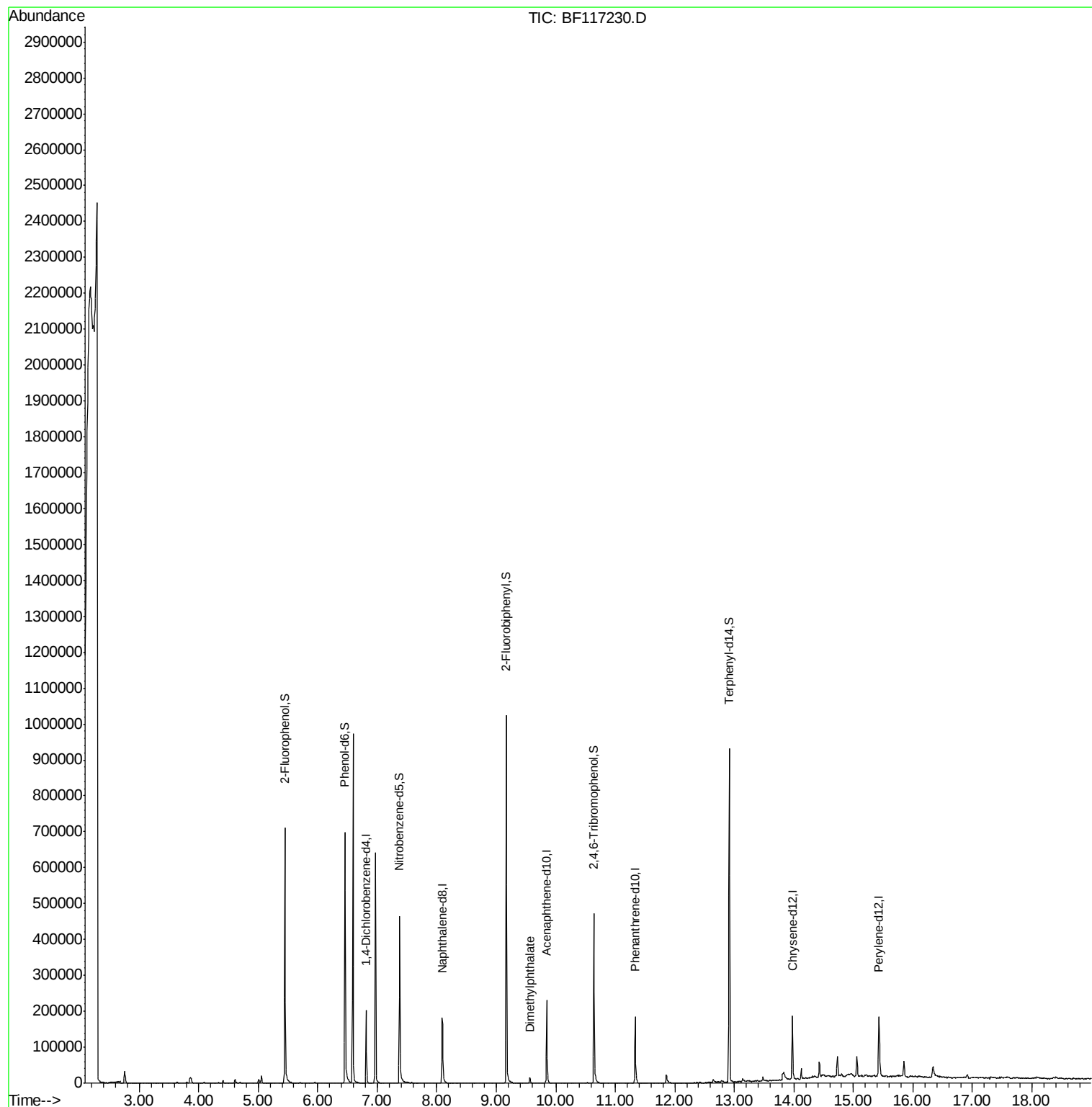
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	28249	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	109905	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	54019	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	80430	20.00	ng	0.00
76) Chrysene-d12	13.97	240	66103	20.00	ng	0.00
87) Perylene-d12	15.43	264	62544	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	211669	116.98	ng	0.01
7) Phenol-d6	6.46	99	271301	116.02	ng	0.00
23) Nitrobenzene-d5	7.37	82	174011	83.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	55156	122.17	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	310055	89.75	ng	0.00
79) Terphenyl-d14	12.92	244	284805	80.54	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	8604	2.250	ng	Qvalue # 93

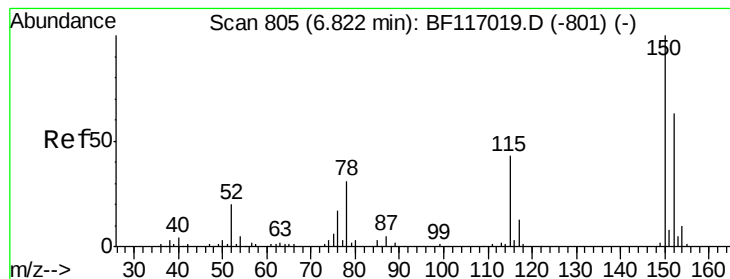
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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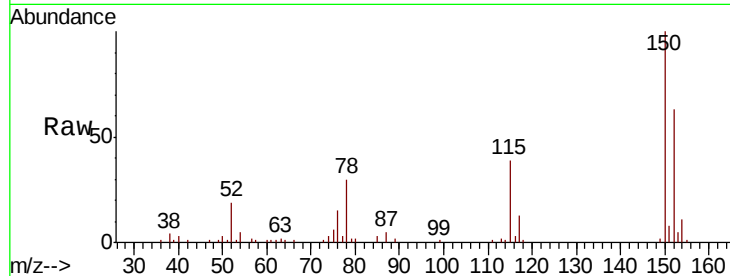


#1

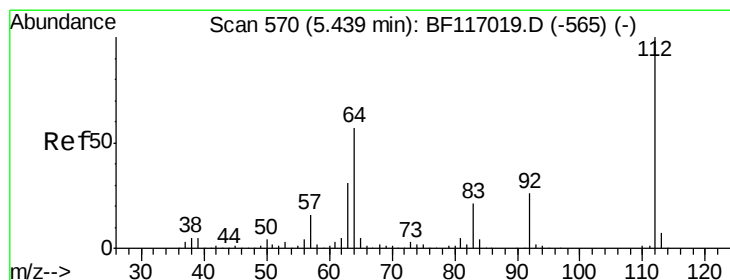
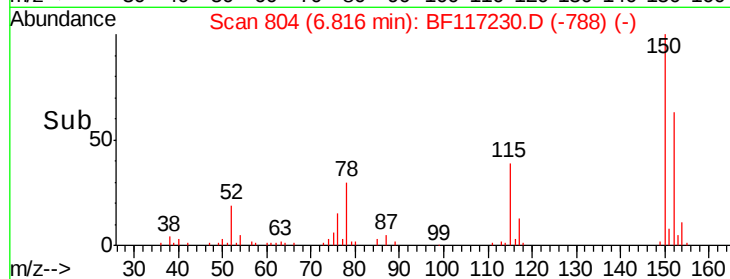
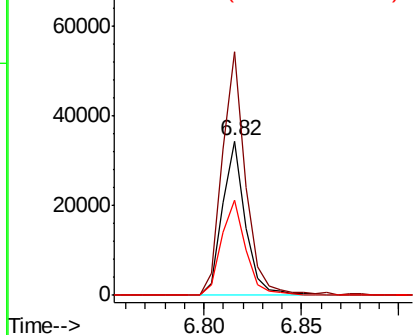
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117230.D
Acq: 24 Sep 2019 21:54

Instrument :
BNA_F
ClientSampleId :
OR-03-092319

Tot Ion:152 Resp: 28249
Ion Ratio Lower Upper
152 100
150 157.8 127.5 191.3
115 61.6 55.0 82.4



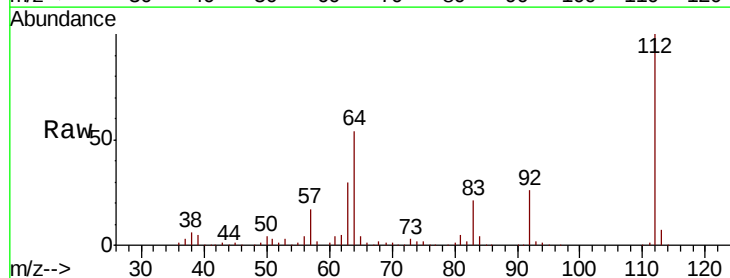
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



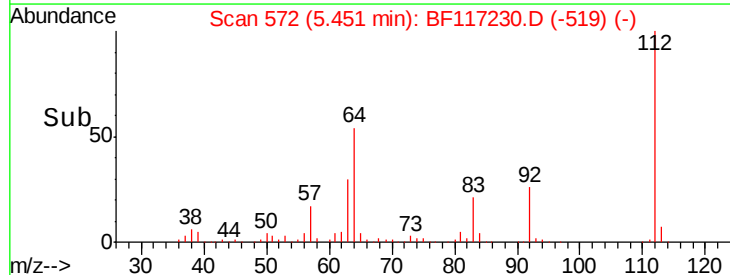
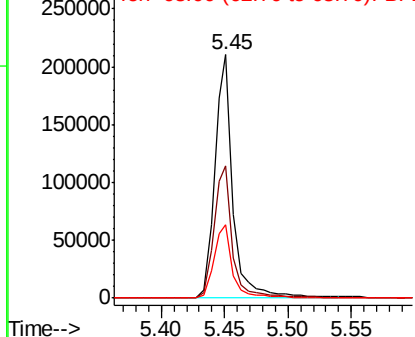
#5

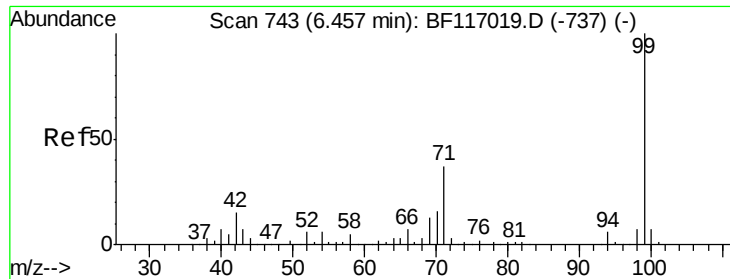
2-Fluorophenol
Concen: 116.984 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF117230.D
Acq: 24 Sep 2019 21:54

Tgt Ion:112 Resp: 211669
Ion Ratio Lower Upper
112 100
64 54.1 45.7 68.5
63 30.2 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: 116.021 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF117230.D

Acq: 24 Sep 2019 21:54

Instrument :

BNA_F

ClientSampleId :

OR-03-092319

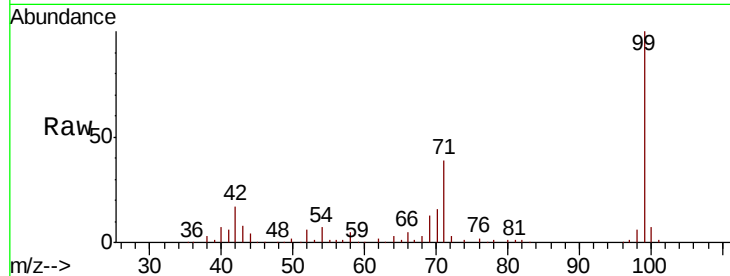
Tot Ion: 99 Resp: 271301

Ion Ratio Lower Upper

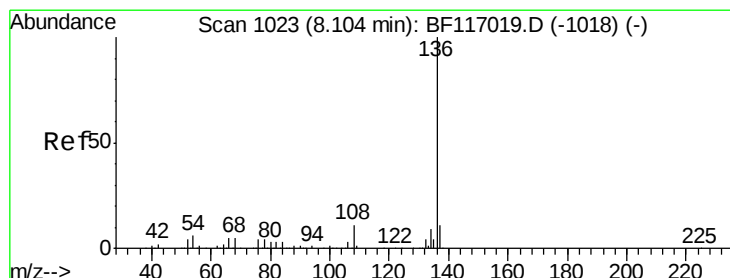
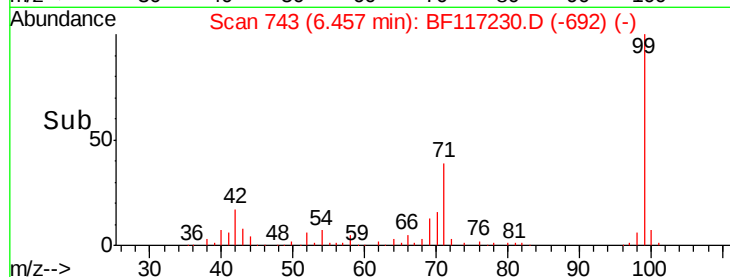
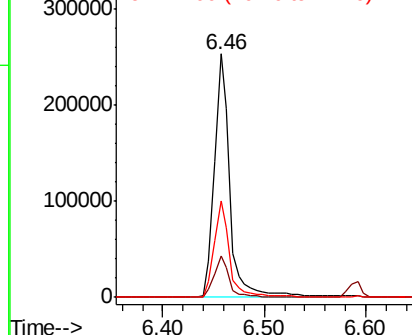
99 100

42 16.8 12.2 18.2

71 39.4 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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117230.D

Acq: 24 Sep 2019 21:54

Tgt Ion: 136 Resp: 109905

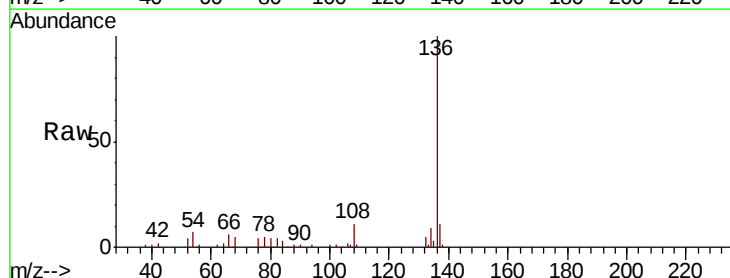
Ion Ratio Lower Upper

136 100

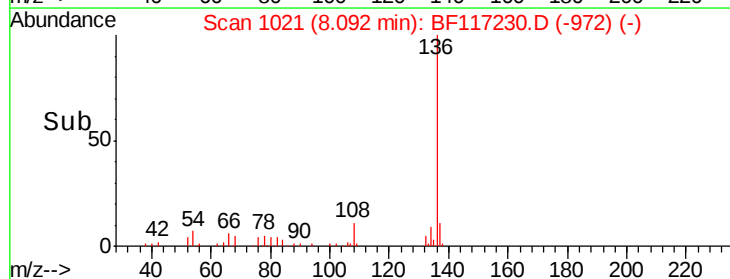
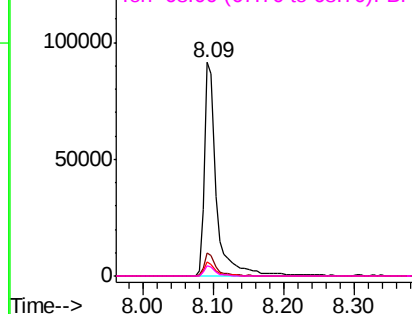
137 11.0 9.0 13.4

54 6.5 4.5 6.7

68 4.9 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

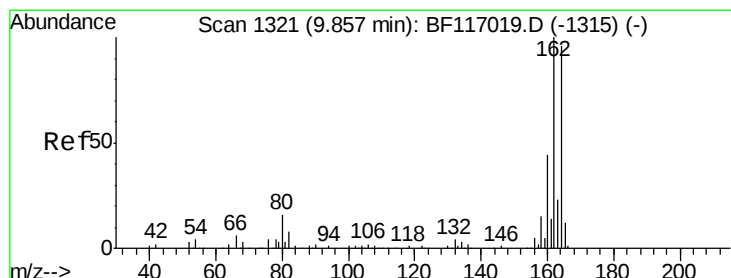
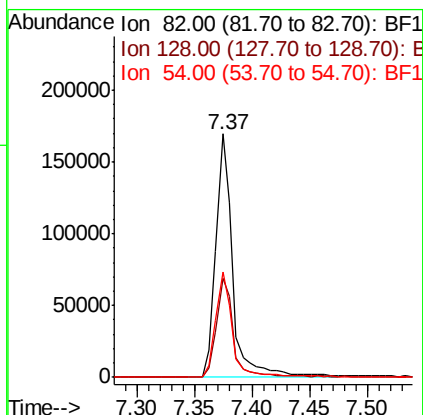
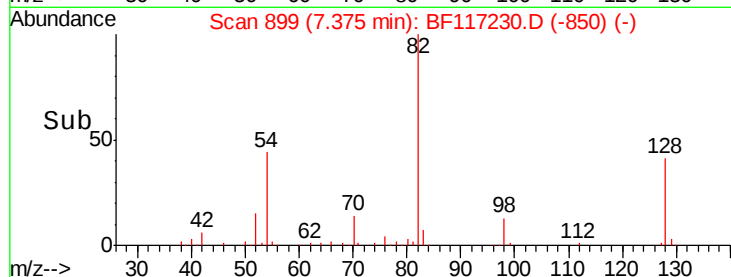
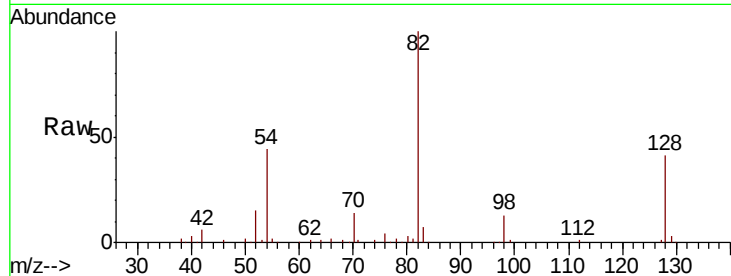




#23
Nitrobenzene-d5
Concen: 83.190 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF117230.D
Acq: 24 Sep 2019 21:54

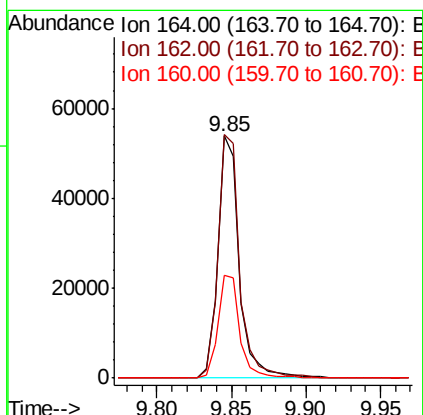
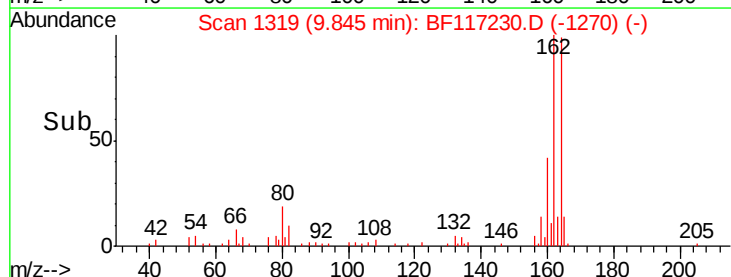
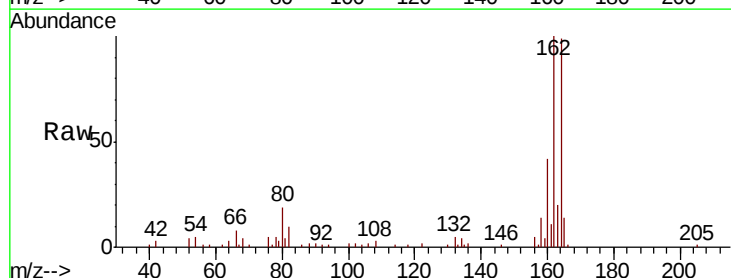
Instrument :
BNA_F
ClientSampleId :
OR-03-092319

Tot Ion: 82 Resp: 174011
Ion Ratio Lower Upper
82 100
128 40.8 32.3 48.5
54 43.5 33.3 49.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF117230.D
Acq: 24 Sep 2019 21:54

Tgt Ion:164 Resp: 54019
Ion Ratio Lower Upper
164 100
162 100.7 83.4 125.2
160 42.7 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 122.168 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117230.D

Acq: 24 Sep 2019 21:54

Instrument :

BNA_F

ClientSampleId :

OR-03-092319

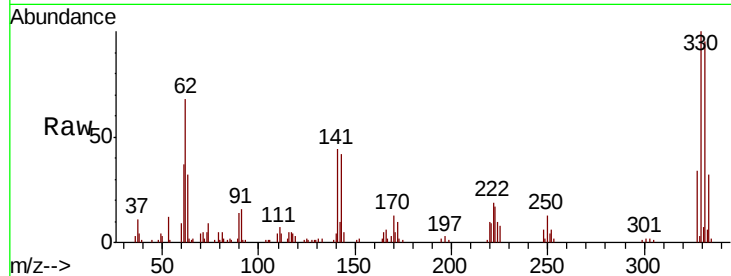
Tot Ion:330 Resp: 55156

Ion Ratio Lower Upper

330 100

332 94.7 78.0 117.0

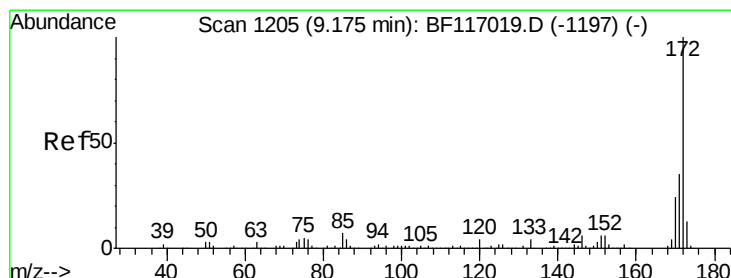
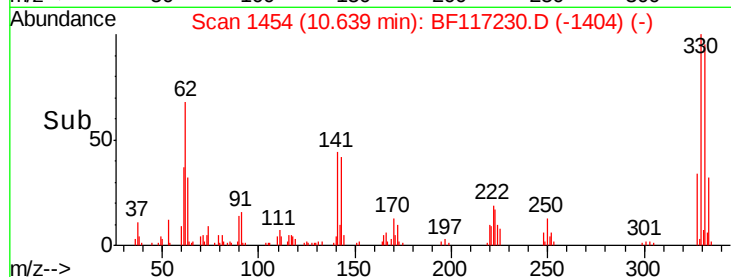
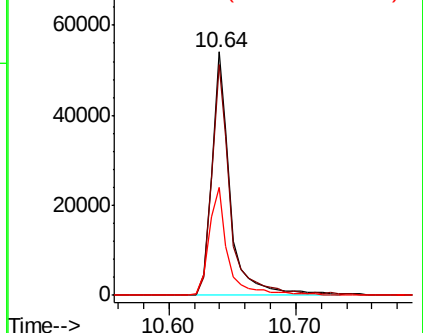
141 45.6 35.8 53.6



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: 89.745 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF117230.D

Acq: 24 Sep 2019 21:54

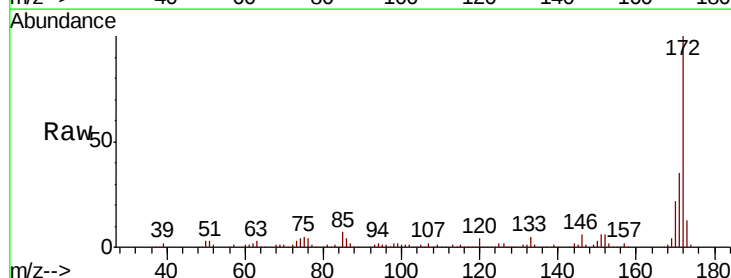
Tgt Ion:172 Resp: 310055

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

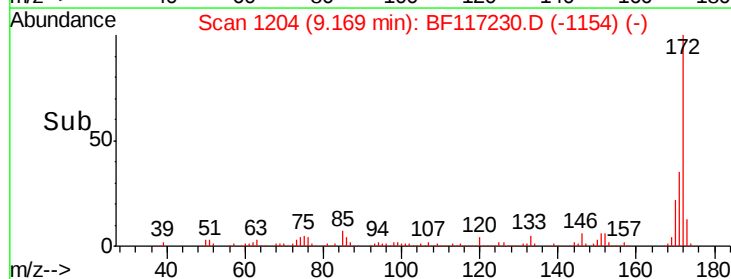
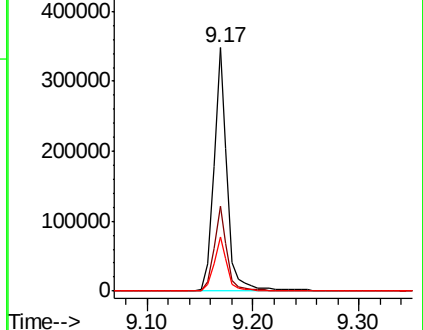
170 22.1 18.9 28.3



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

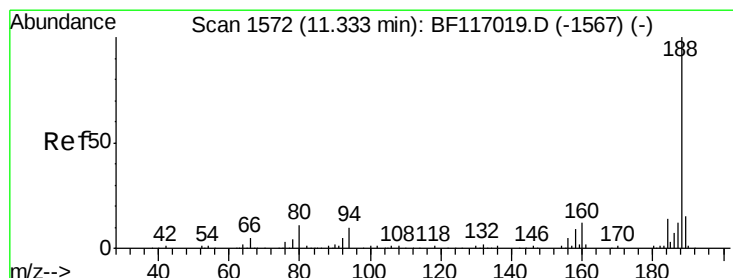
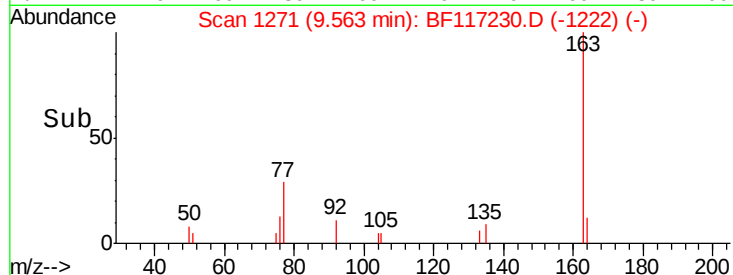
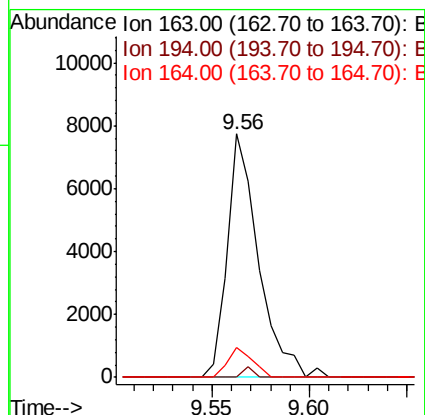
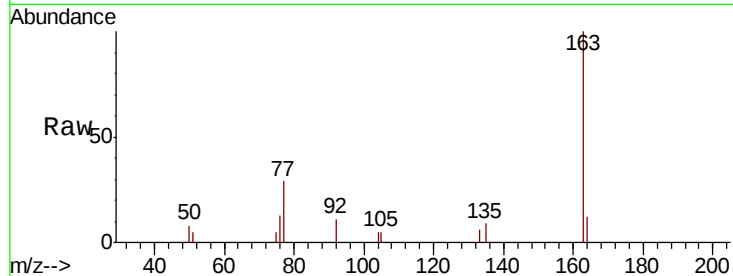




#50
Dimethylphthalate
Concen: 2.250 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117230.D
Acq: 24 Sep 2019 21:54

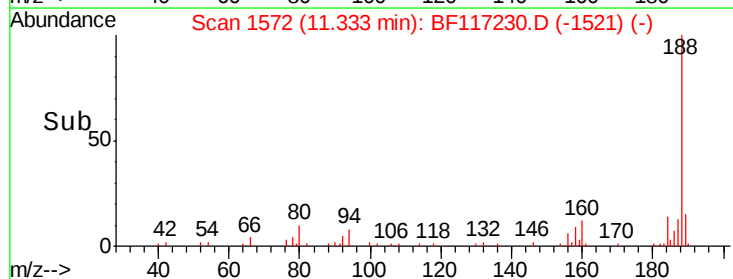
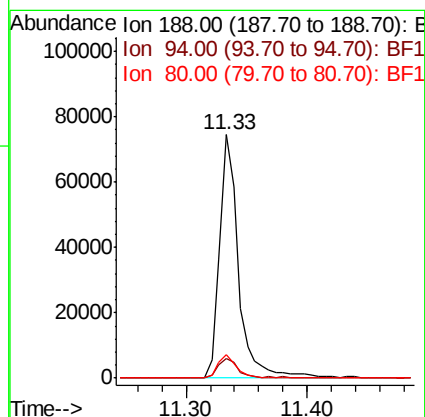
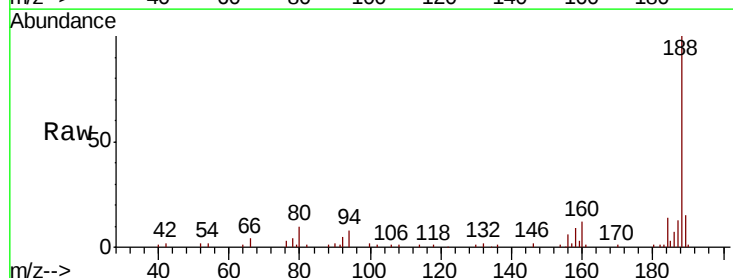
Instrument :
BNA_F
ClientSampleId :
OR-03-092319

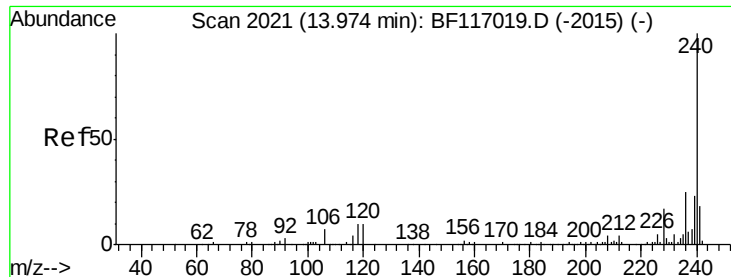
Tot Ion:163 Resp: 8604
Ion Ratio Lower Upper
163 100
194 0.0 2.9 4.3#
164 12.2 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117230.D
Acq: 24 Sep 2019 21:54

Tgt Ion:188 Resp: 80430
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.2#
80 9.9 9.0 13.6

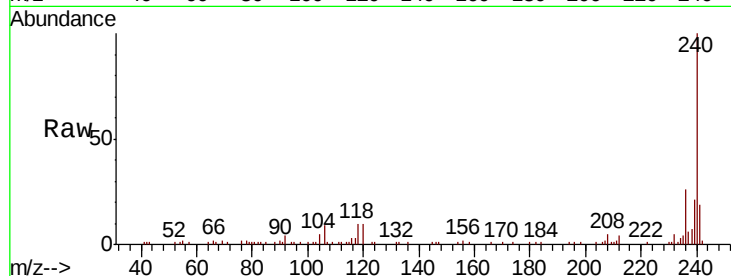




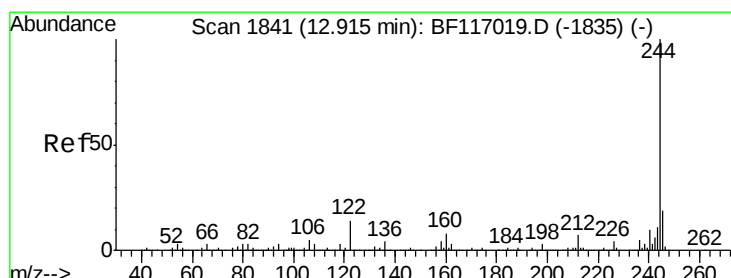
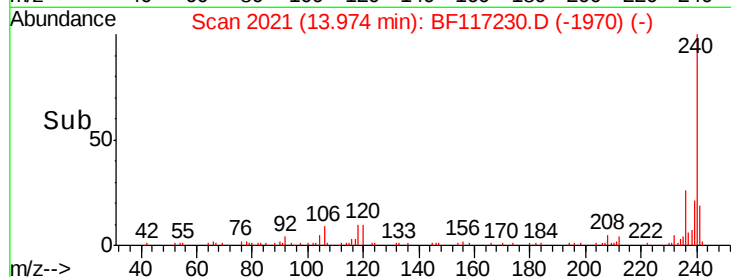
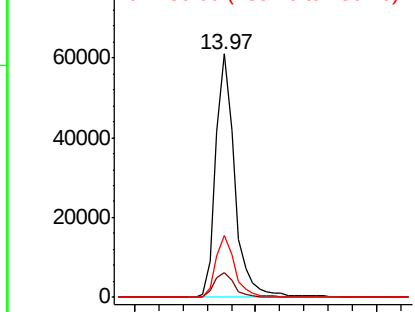
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF117230.D
Acq: 24 Sep 2019 21:54

Instrument :
BNA_F
ClientSampleId :
OR-03-092319

Tot Ion:240 Resp: 66103
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 25.6 20.3 30.5

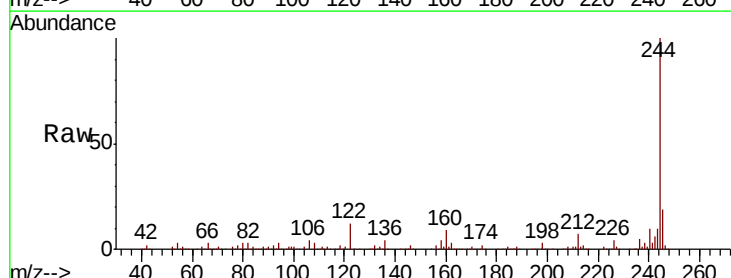


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

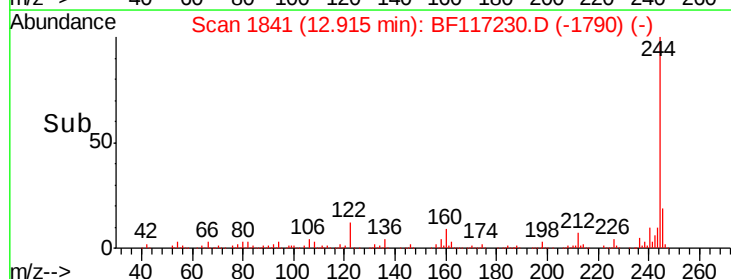
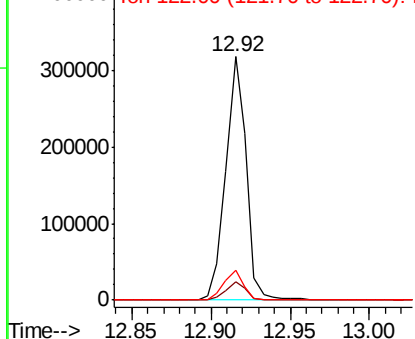


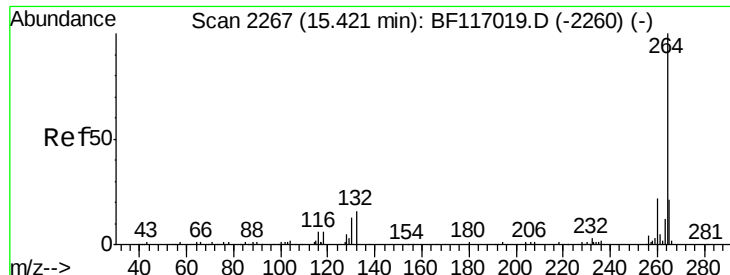
#79
Terphenyl-d14
Concen: 80.536 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF117230.D
Acq: 24 Sep 2019 21:54

Tgt Ion:244 Resp: 284805
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 12.5 11.3 16.9



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

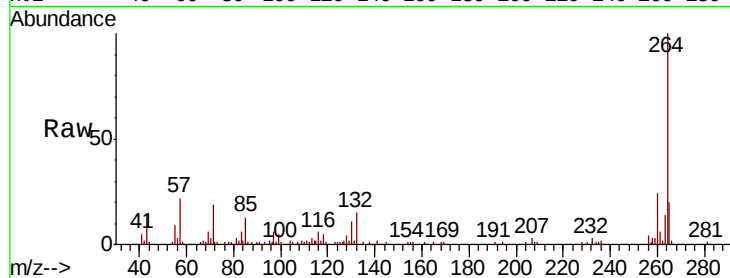




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.01 min
 Lab File: BF117230.D
 Acq: 24 Sep 2019 21:54

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-092319

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.6	26.4
265	20.0	16.6	24.8



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

