

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117105.D
 Acq On : 17 Sep 2019 14:37
 Operator : HP/JU
 Sample : K4883-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-20190911

Quant Time: Sep 18 04:04:07 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	62741	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	244537	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	127969	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	218446	20.00	ng	0.00
76) Chrysene-d12	13.97	240	156185	20.00	ng	0.00
87) Perylene-d12	15.42	264	127775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	217073	54.02	ng	0.00
7) Phenol-d6	6.46	99	180541	34.76	ng	0.00
23) Nitrobenzene-d5	7.39	82	472020	101.42	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	162219	151.67	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	848345	103.65	ng	0.00
79) Terphenyl-d14	12.92	244	807303	96.62	ng	0.00

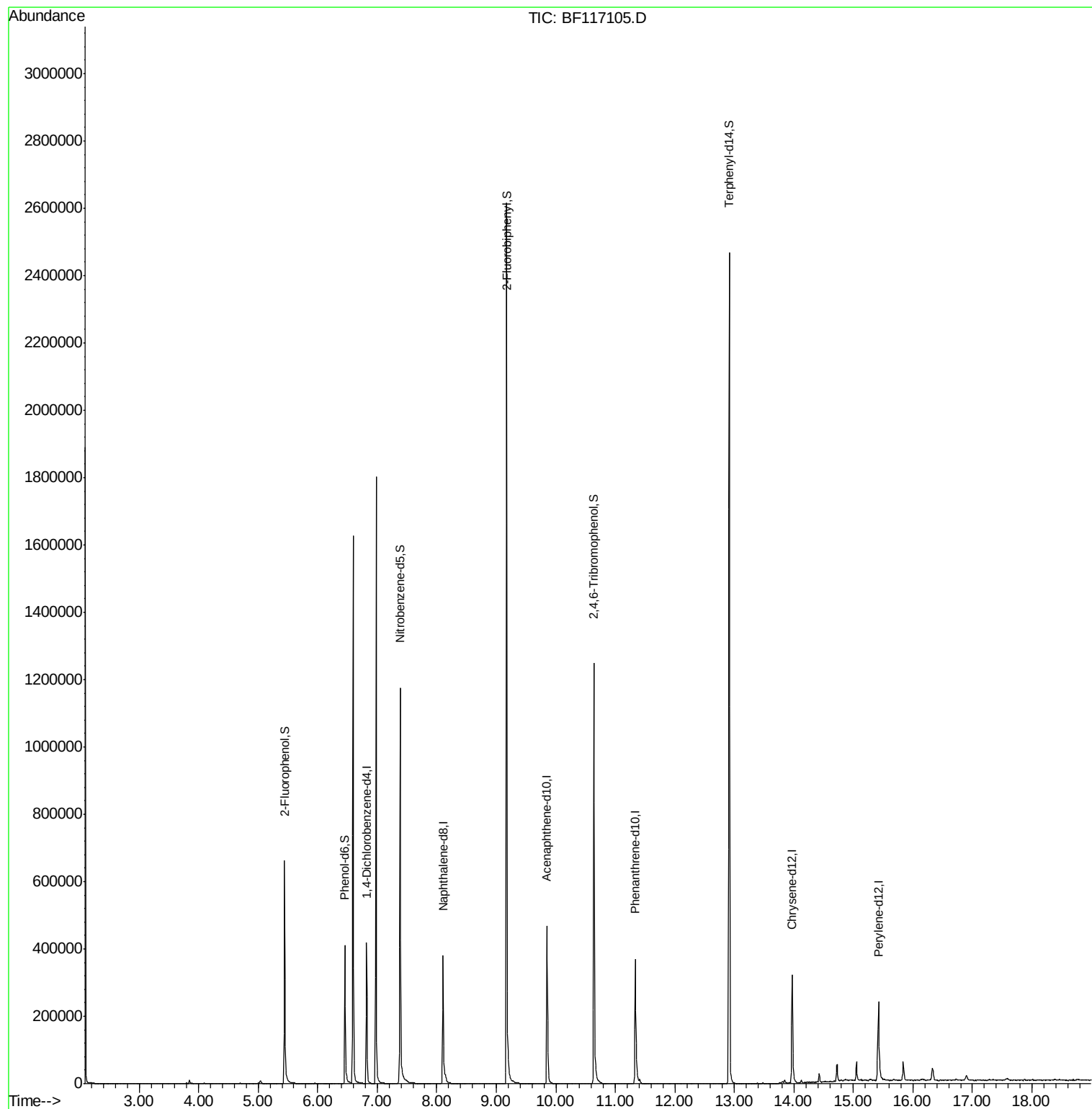
Target Compounds Qvalue

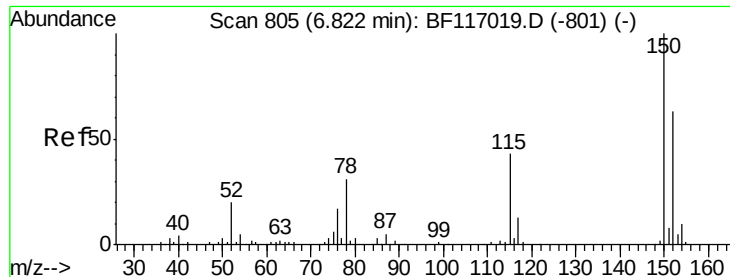
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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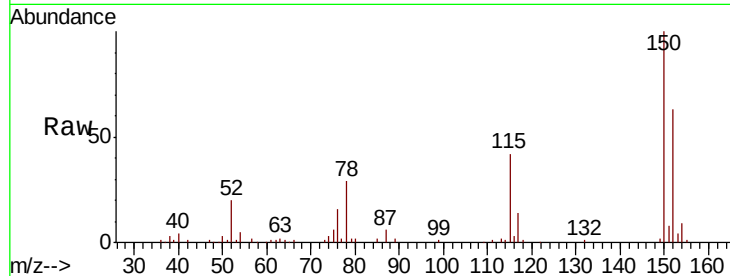


#1

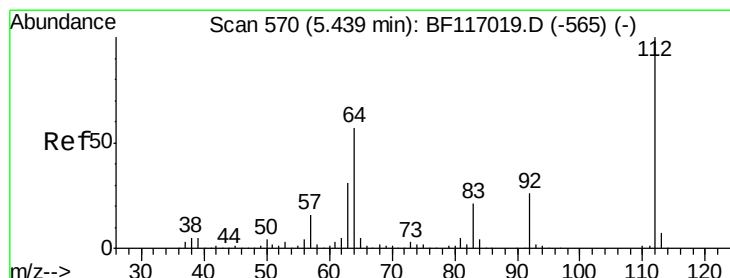
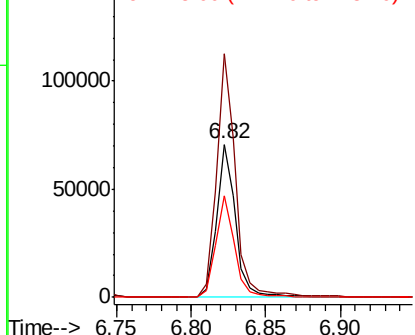
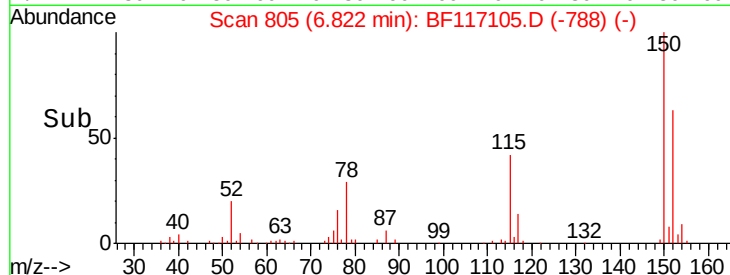
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117105.D
Acq: 17 Sep 2019 14:37

Instrument :
BNA_F
ClientSampleId :
FB-20190911

Tot Ion:152 Resp: 62741
Ion Ratio Lower Upper
152 100
150 158.8 127.5 191.3
115 66.0 55.0 82.4



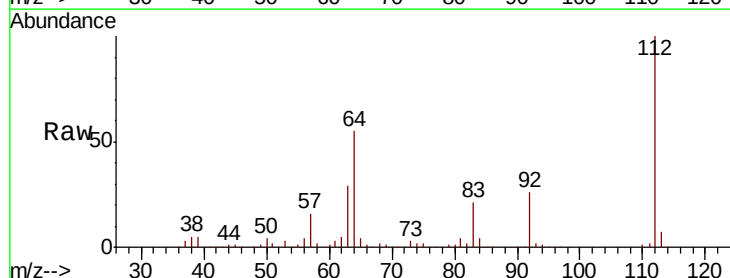
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



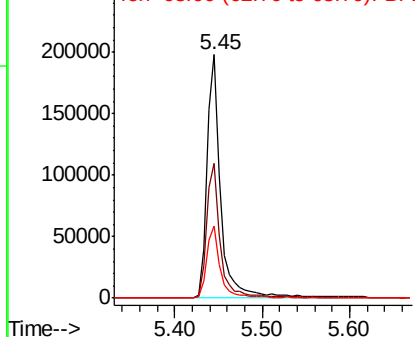
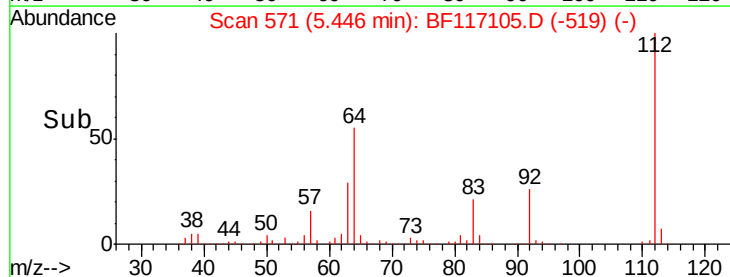
#5

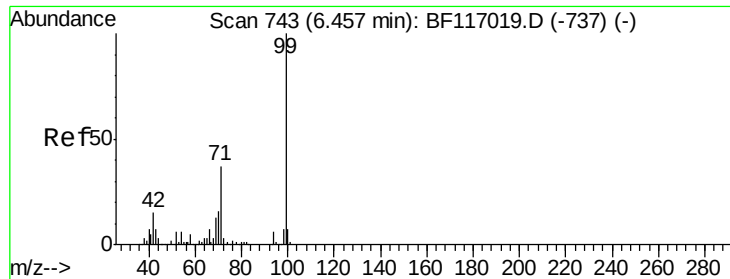
2-Fluorophenol
Concen: 54.016 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117105.D
Acq: 17 Sep 2019 14:37

Tgt Ion:112 Resp: 217073
Ion Ratio Lower Upper
112 100
64 55.2 45.7 68.5
63 29.4 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: 34.763 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117105.D

Acq: 17 Sep 2019 14:37

Instrument :

BNA_F

ClientSampleId :

FB-20190911

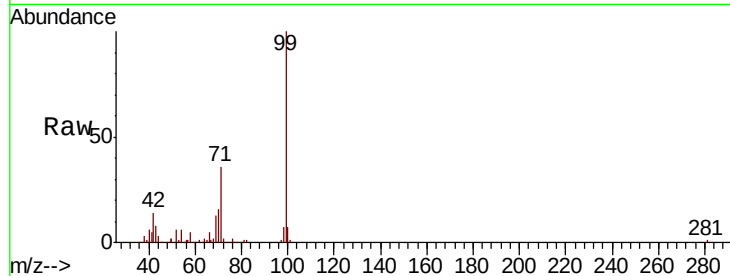
Tot Ion: 99 Resp: 180541

Ion Ratio Lower Upper

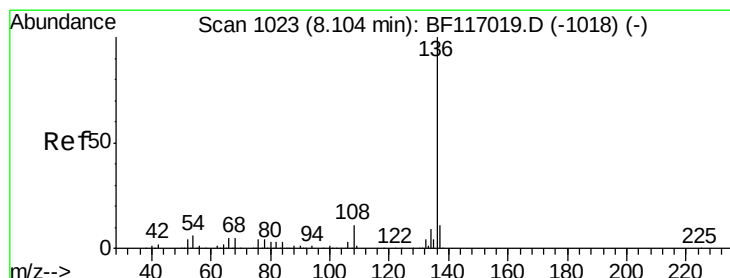
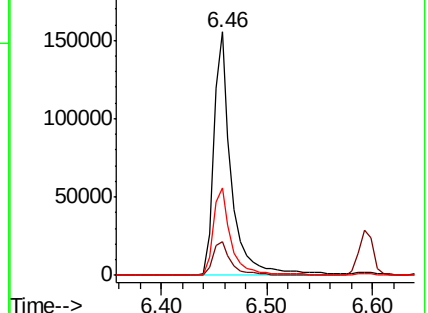
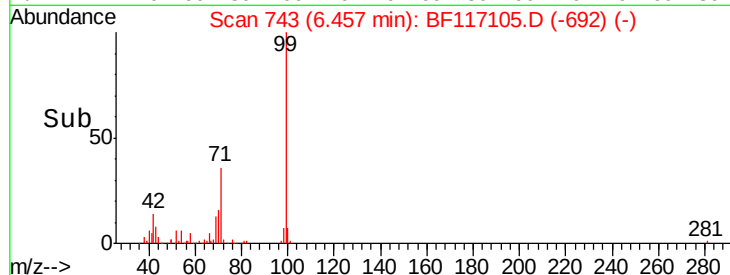
99 100

42 14.0 12.2 18.2

71 36.0 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: BF117105.D

Acq: 17 Sep 2019 14:37

Tgt Ion: 136 Resp: 244537

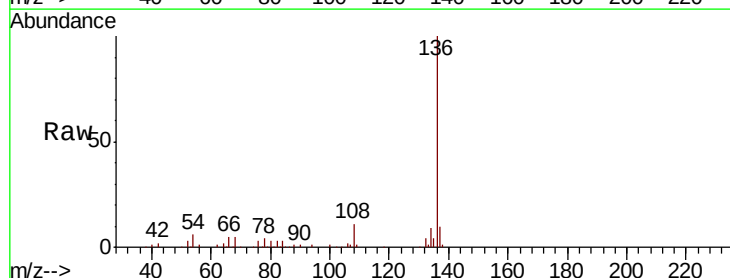
Ion Ratio Lower Upper

136 100

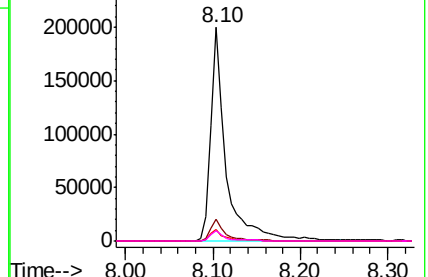
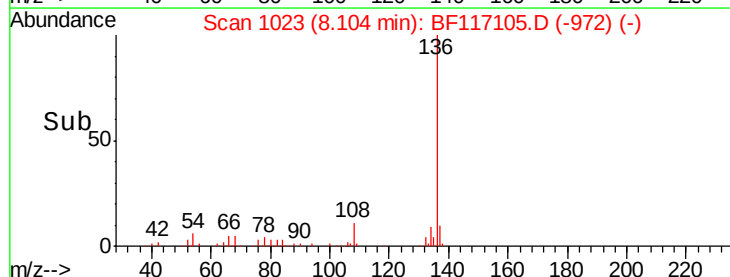
137 10.1 9.0 13.4

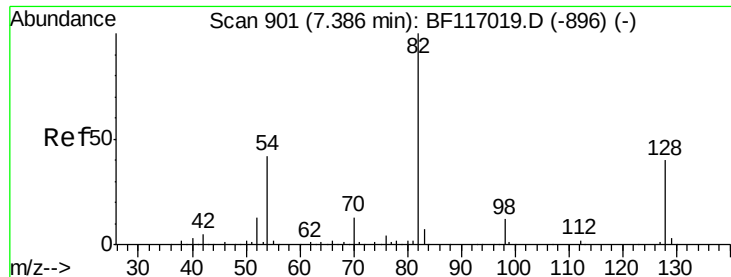
54 5.7 4.5 6.7

68 4.7 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

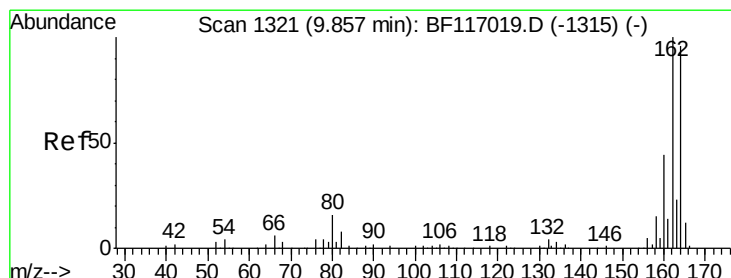
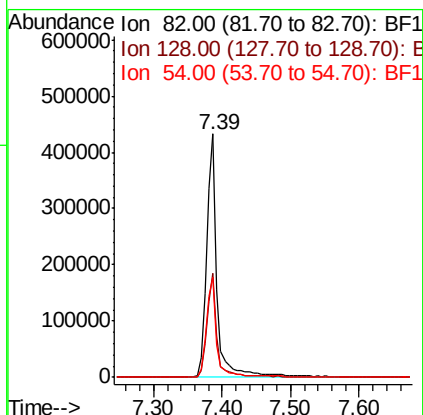
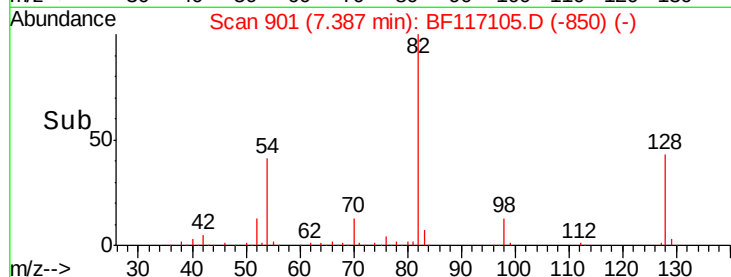
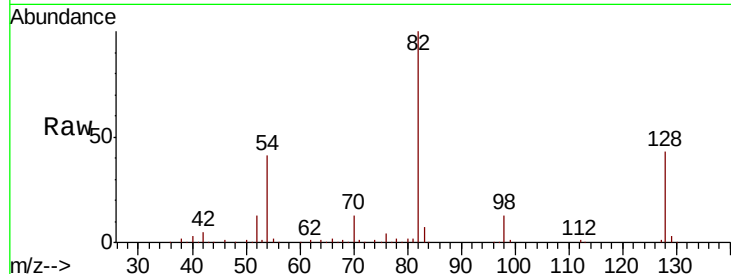




#23
 Nitrobenzene-d5
 Concen: 101.421 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117105.D
 Acq: 17 Sep 2019 14:37

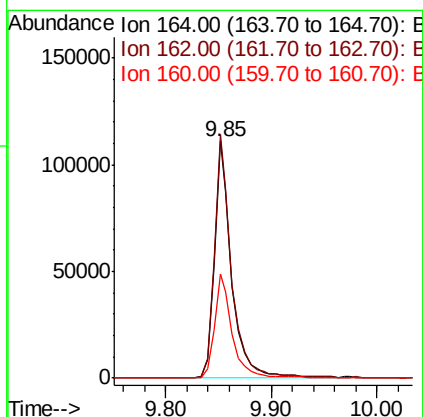
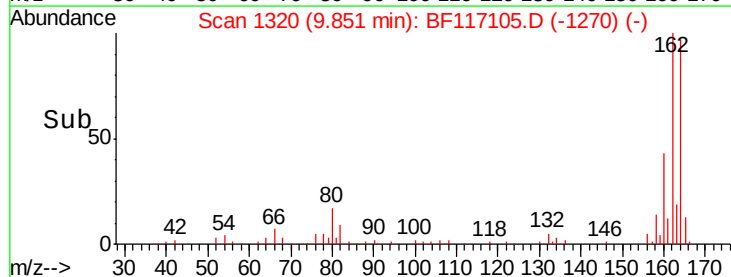
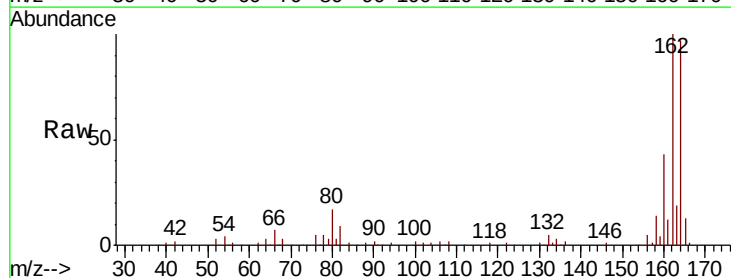
Instrument :
 BNA_F
 ClientSampleId :
 FB-20190911

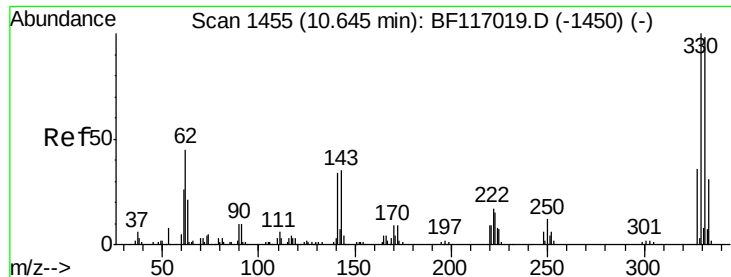
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.3	48.5
54	41.3	33.3	49.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117105.D
 Acq: 17 Sep 2019 14:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.4	125.2
160	44.1	36.4	54.6





#42

2,4,6-Tribromophenol

Concen: 151.673 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117105.D

Acq: 17 Sep 2019 14:37

Instrument :

BNA_F

ClientSampleId :

FB-20190911

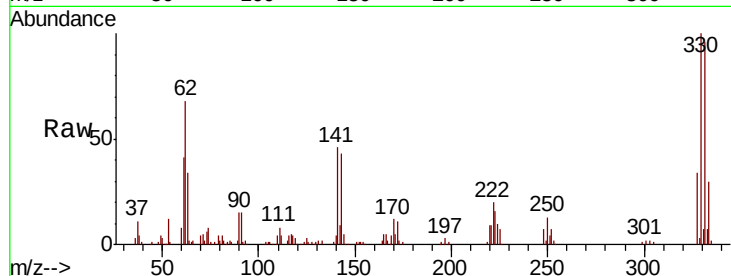
Tot Ion:330 Resp: 162219

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

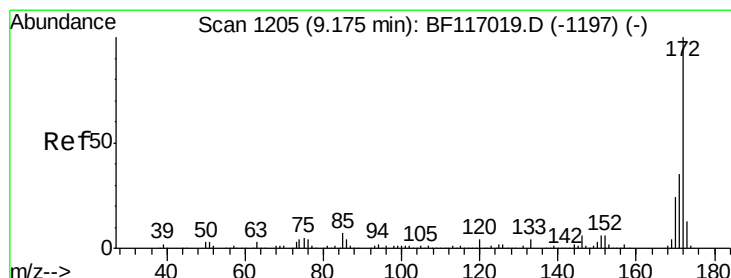
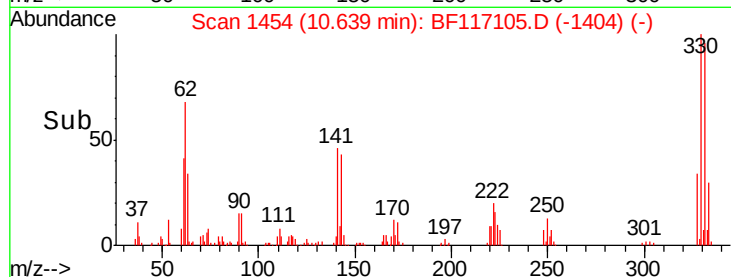
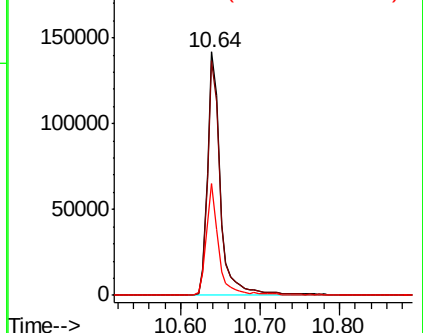
141 44.0 35.8 53.6



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: 103.654 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117105.D

Acq: 17 Sep 2019 14:37

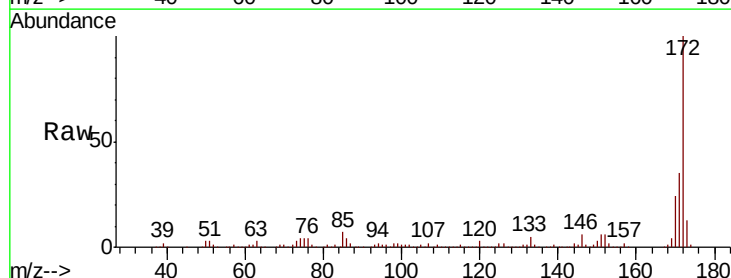
Tgt Ion:172 Resp: 848345

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

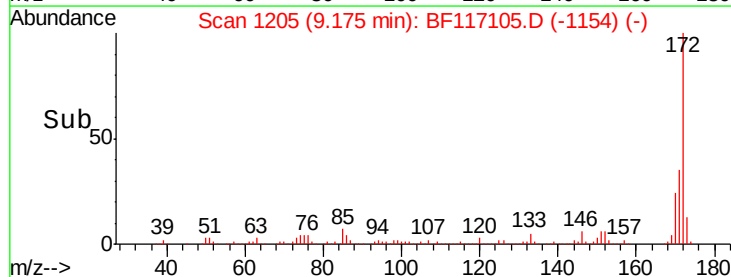
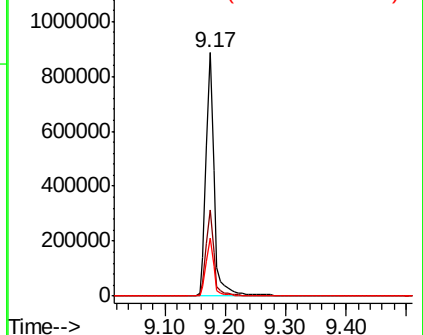
170 23.9 18.9 28.3

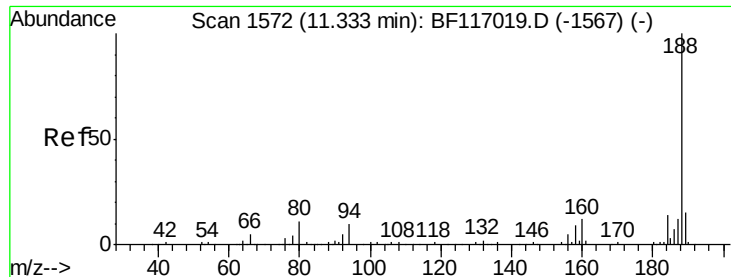


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF117105.D

Acq: 17 Sep 2019 14:37

Instrument :

BNA_F

ClientSampleId :

FB-20190911

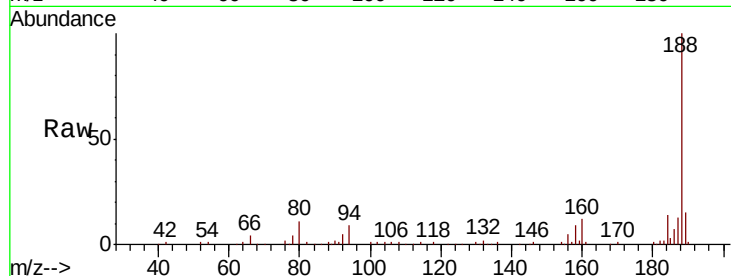
Tot Ion:188 Resp: 218446

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

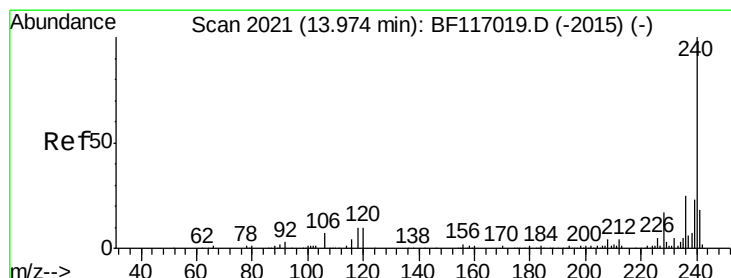
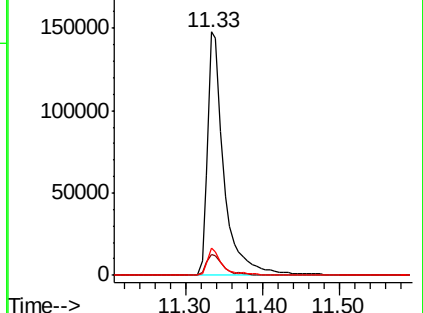
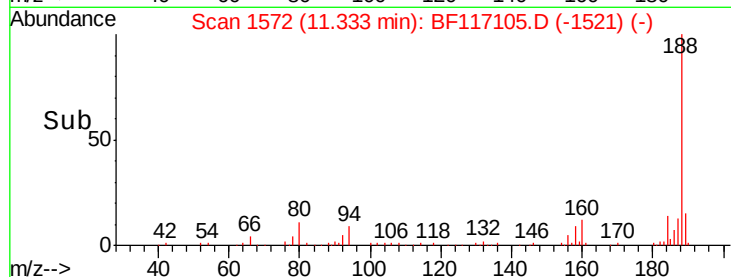
80 11.2 9.0 13.6



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: BF117105.D

Acq: 17 Sep 2019 14:37

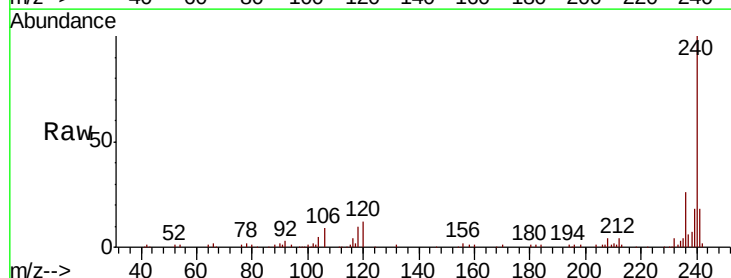
Tgt Ion:240 Resp: 156185

Ion Ratio Lower Upper

240 100

120 12.4 8.3 12.5

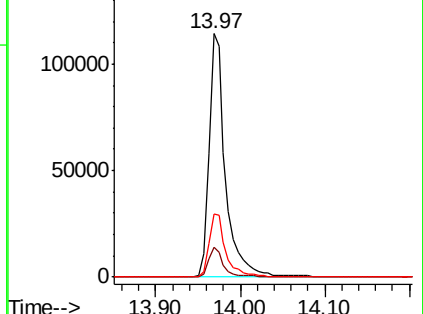
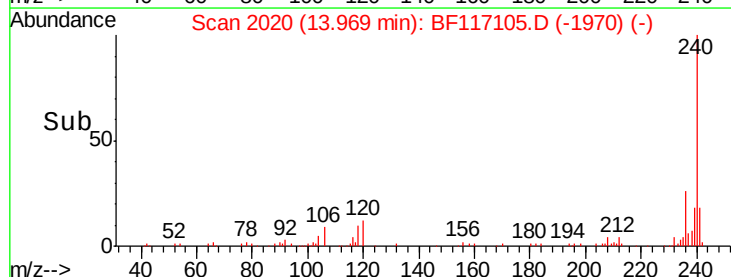
236 25.9 20.3 30.5

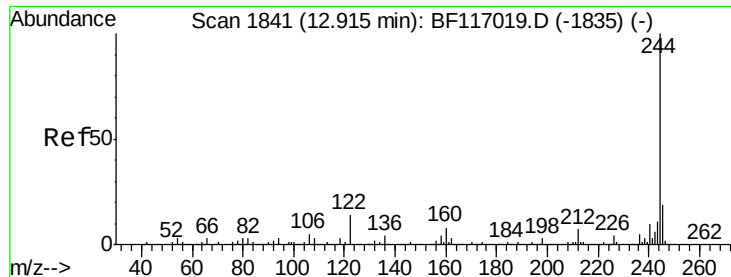


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

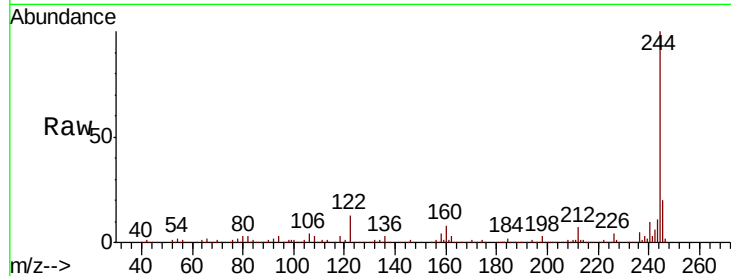




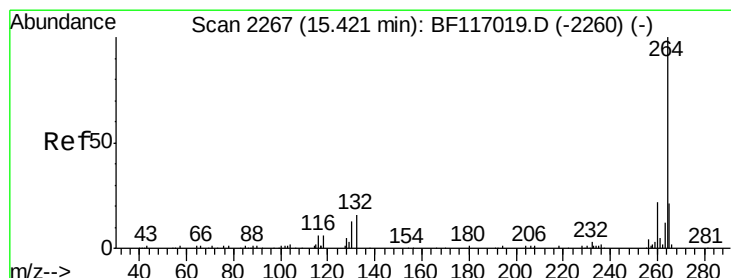
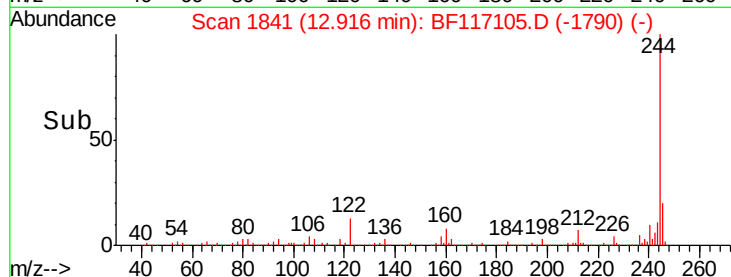
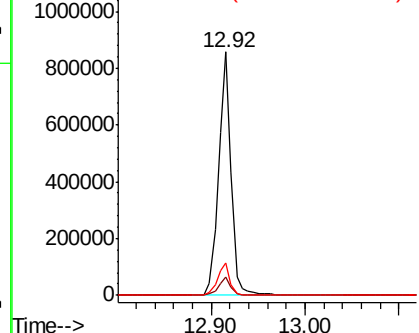
#79
 Terphenyl-d14
 Concen: 96.618 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117105.D
 Acq: 17 Sep 2019 14:37

Instrument :
 BNA_F
 ClientSampleId :
 FB-20190911

Tot Ion:244 Resp: 807303
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 13.2 11.3 16.9

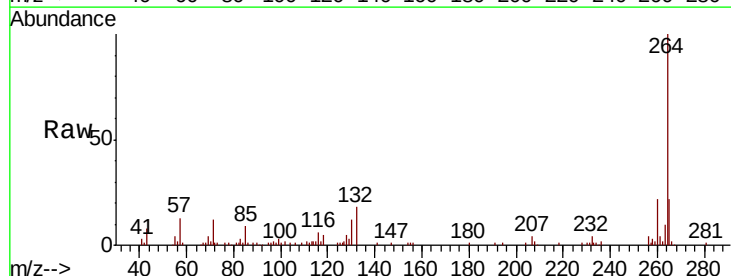


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF117105.D
 Acq: 17 Sep 2019 14:37

Tgt Ion:264 Resp: 127775
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.6 26.4
 265 22.1 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

