

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091319\
 Data File : BF117028.D
 Acq On : 13 Sep 2019 17:58
 Operator : HP/JU
 Sample : K4836-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Sep 24 05:38:12 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

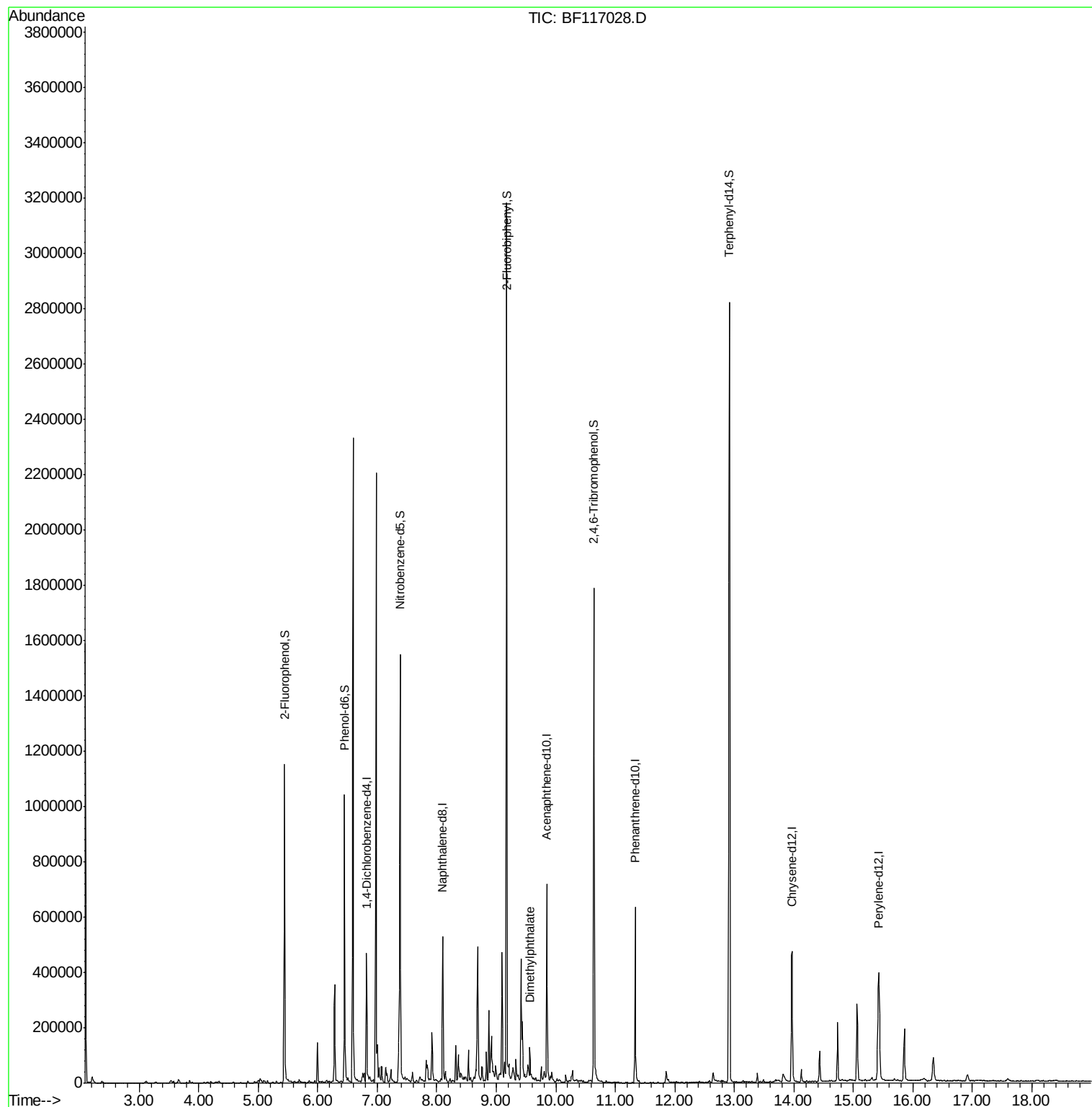
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	67937	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	260700	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	136904	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	232691	20.00	ng	0.00
76) Chrysene-d12	13.97	240	189225	20.00	ng	0.00
87) Perylene-d12	15.42	264	166150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	370561	85.16	ng	0.00
7) Phenol-d6	6.45	99	363390	64.62	ng	0.00
23) Nitrobenzene-d5	7.39	82	585434	117.99	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	200647	175.36	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	997584	113.93	ng	0.00
79) Terphenyl-d14	12.92	244	1071495	105.85	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	43856	4.524	ng	Qvalue 97

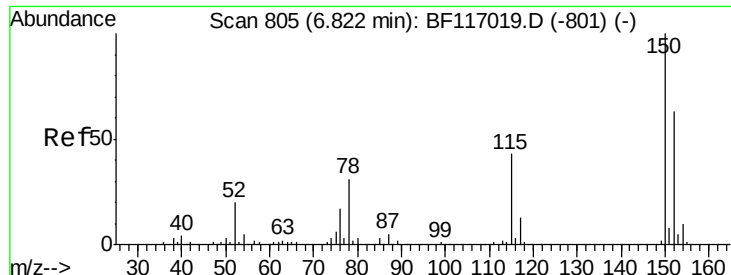
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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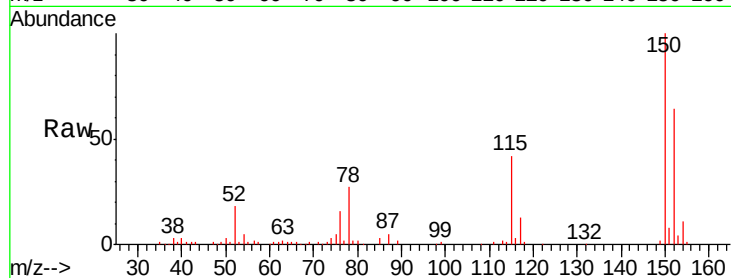


#1

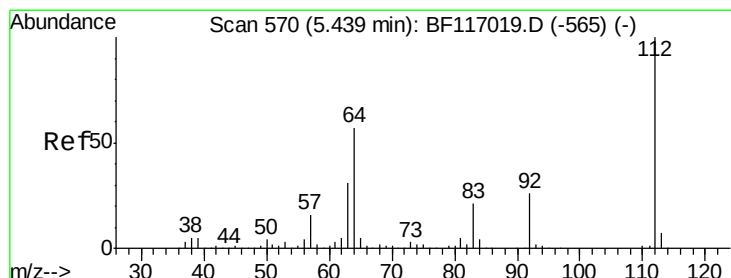
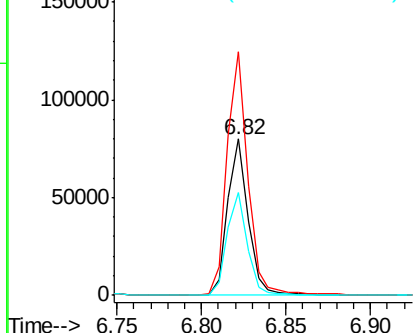
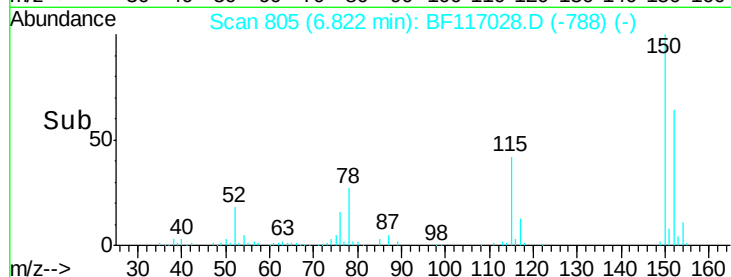
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:152 Resp: 67937
Ion Ratio Lower Upper
152 100
150 155.9 127.5 191.3
115 66.2 55.0 82.4



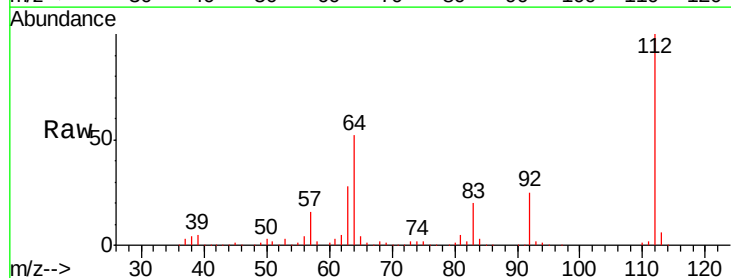
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



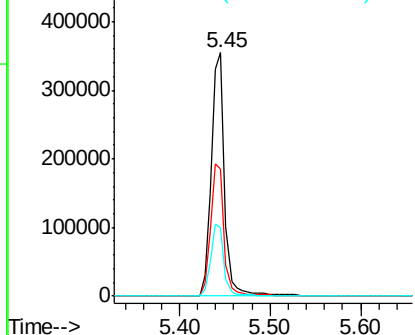
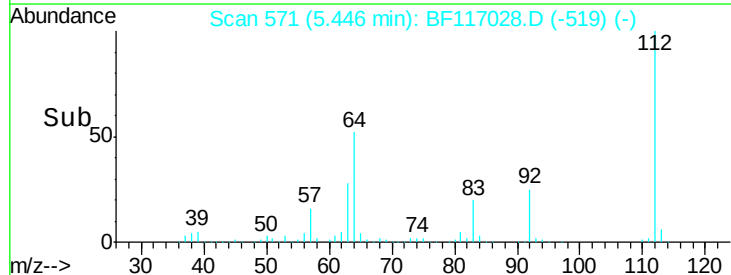
#5

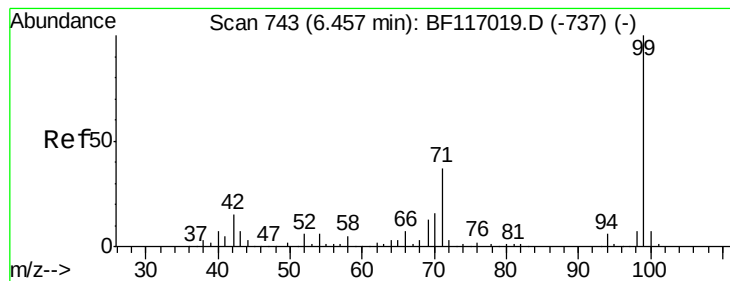
2-Fluorophenol
Concen: 85.158 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Tgt Ion:112 Resp: 370561
Ion Ratio Lower Upper
112 100
64 52.5 45.7 68.5
63 28.2 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: 64.618 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117028.D

Acq: 13 Sep 2019 17:58

Instrument :

BNA_F

ClientSampled :

MW-2

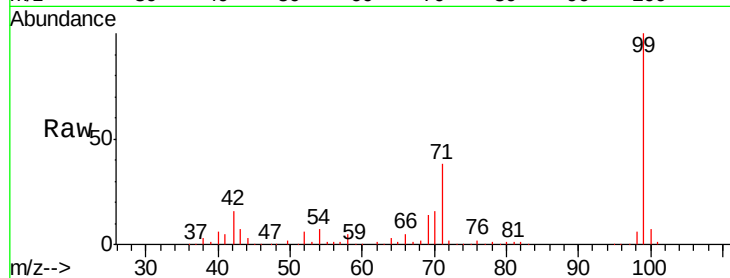
Tgt Ion: 99 Resp: 363390

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.2

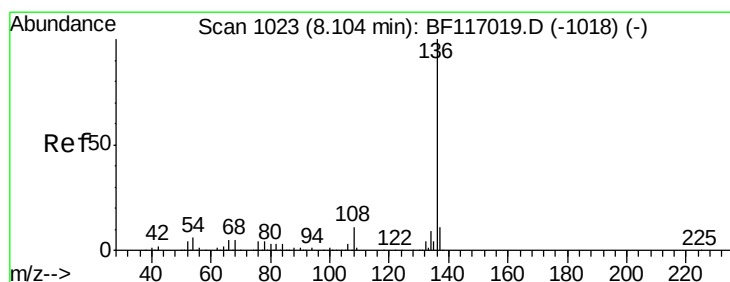
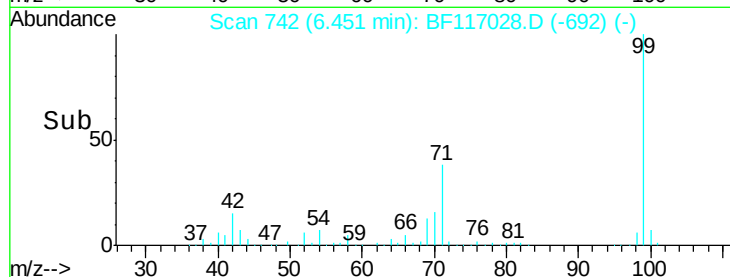
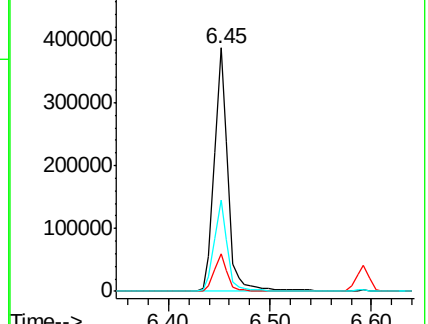
71 37.7 29.8 44.8



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# 1022

Delta R.T. -0.01 min

Lab File: BF117028.D

Acq: 13 Sep 2019 17:58

Tgt Ion: 136 Resp: 260700

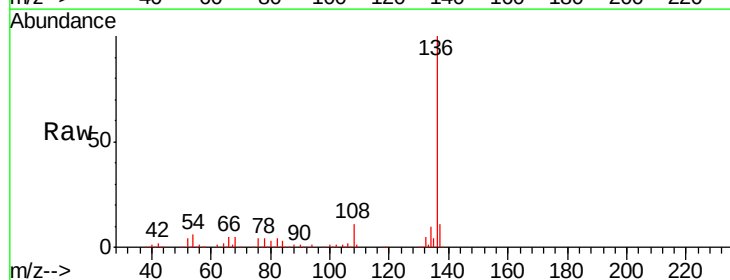
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.8 4.5 6.7

68 5.0 4.0 6.0

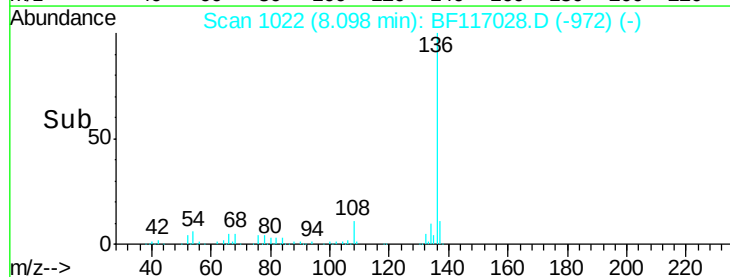
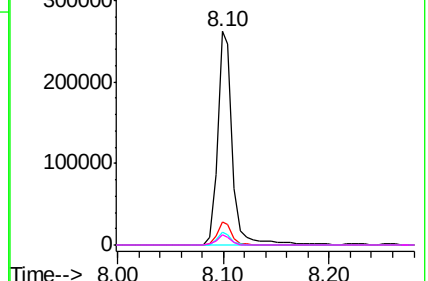


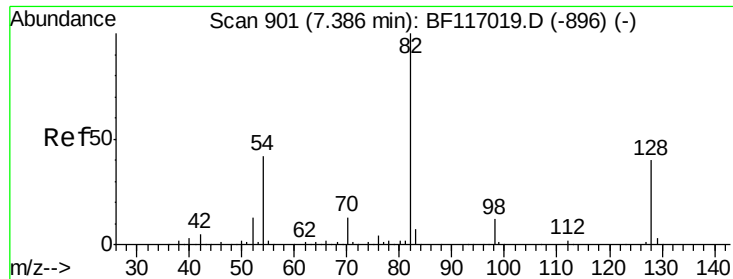
Abundance Ion 136.00 (135.70 to 136.70): E

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

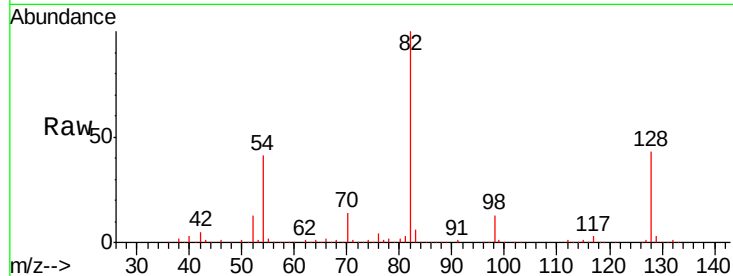




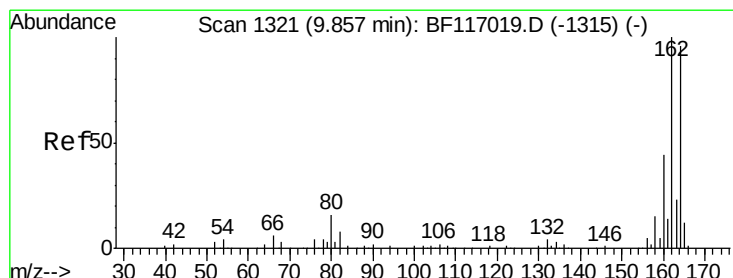
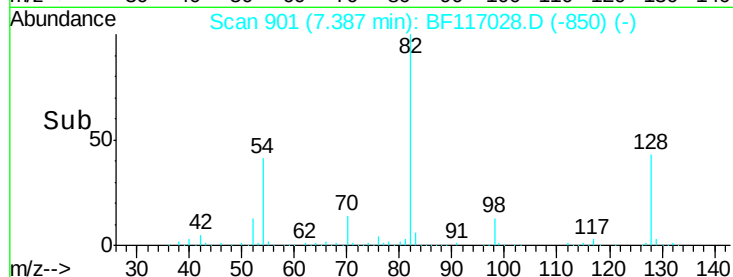
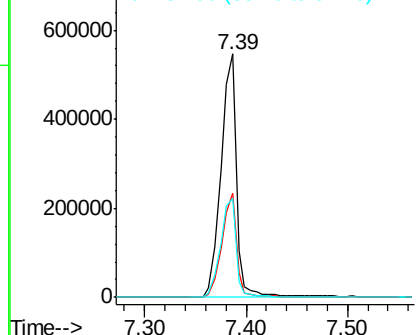
#23
 Nitrobenzene-d5
 Concen: 117.991 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117028.D
 Acq: 13 Sep 2019 17:58

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.3	48.5
54	40.7	33.3	49.9

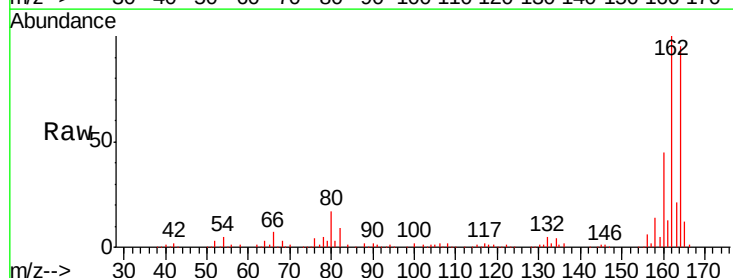


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

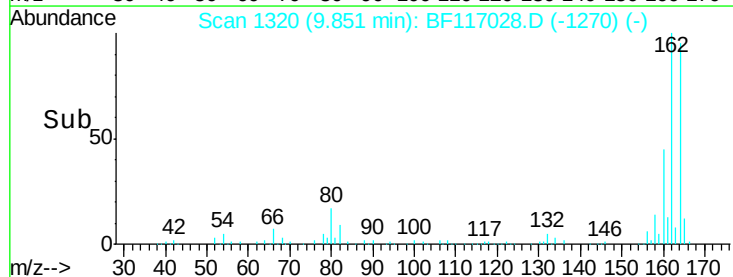
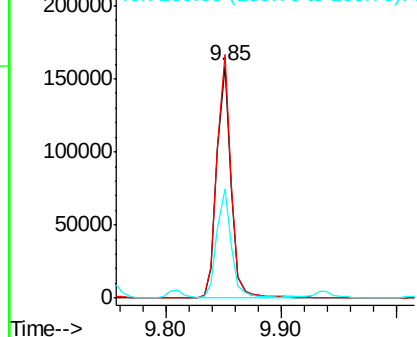


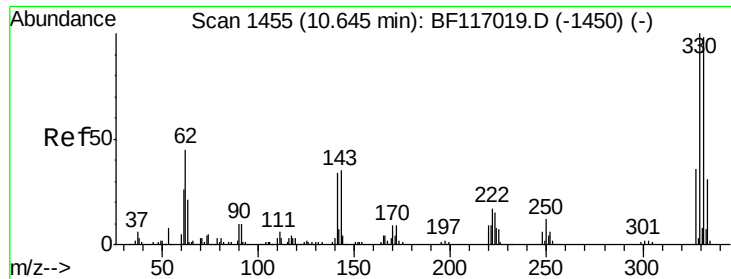
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF117028.D
 Acq: 13 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.4	125.2
160	46.8	36.4	54.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 175.359 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF117028.D

Acq: 13 Sep 2019 17:58

Instrument :

BNA_F

ClientSampleId :

MW-2

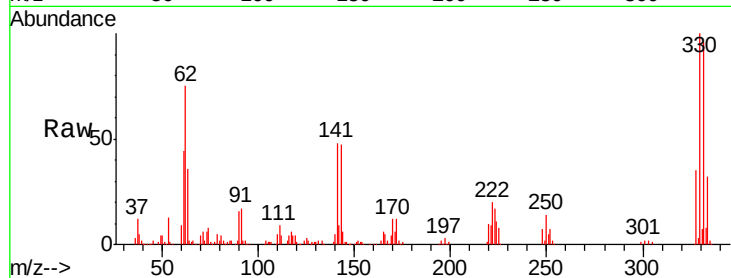
Tgt Ion:330 Resp: 200647

Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

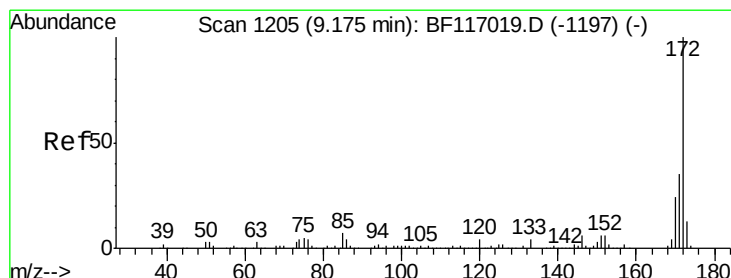
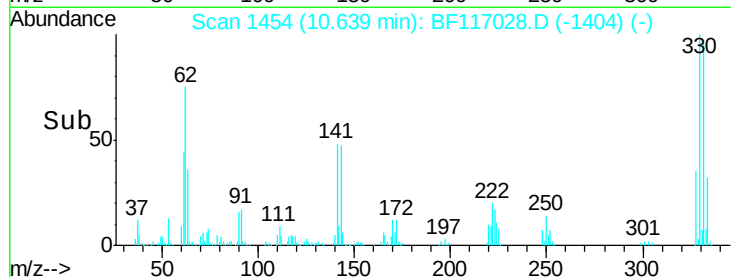
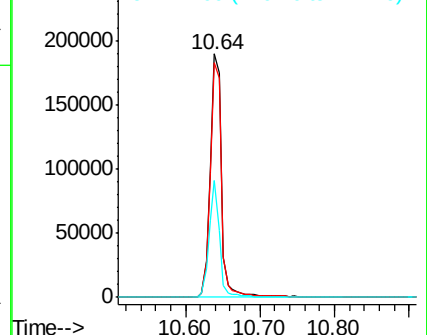
141 44.1 35.8 53.6



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: 113.934 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117028.D

Acq: 13 Sep 2019 17:58

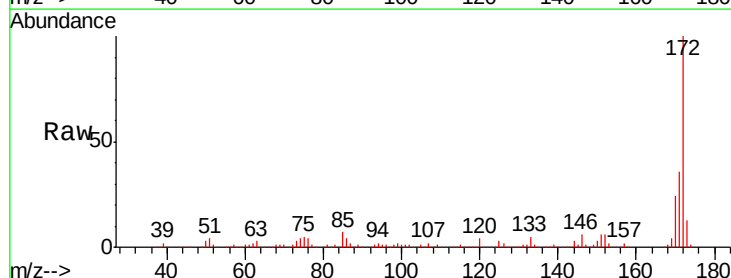
Tgt Ion:172 Resp: 997584

Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

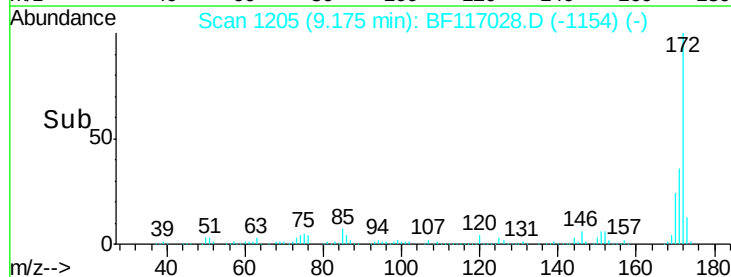
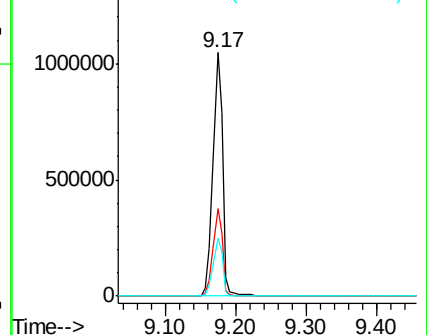
170 24.1 18.9 28.3

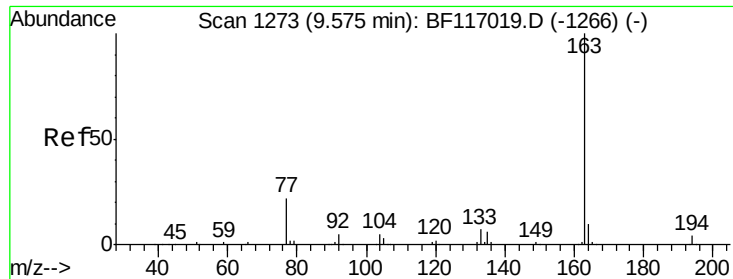


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

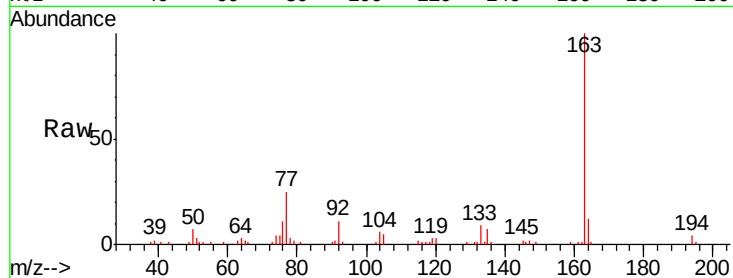




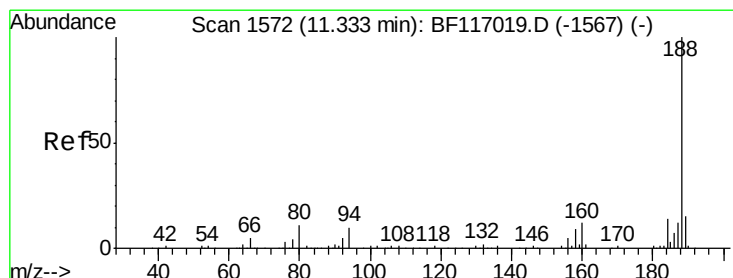
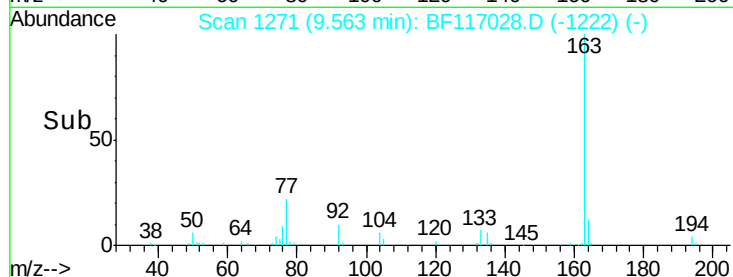
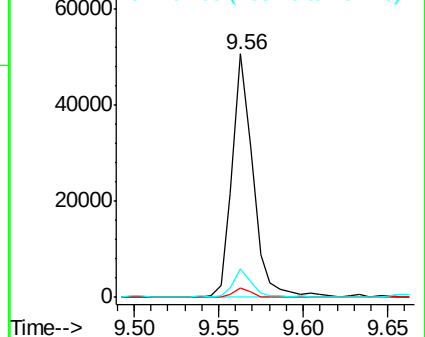
#50
Dimethylphthalate
Concen: 4.524 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:163 Resp: 43856
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 11.5 8.2 12.4

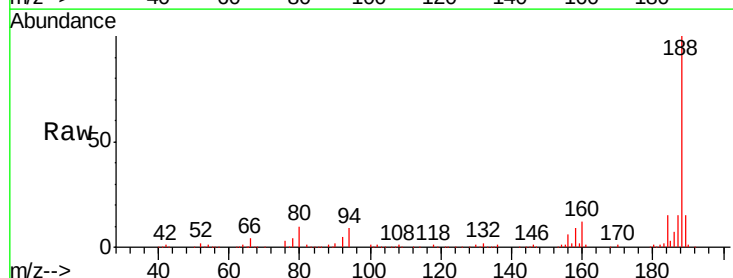


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

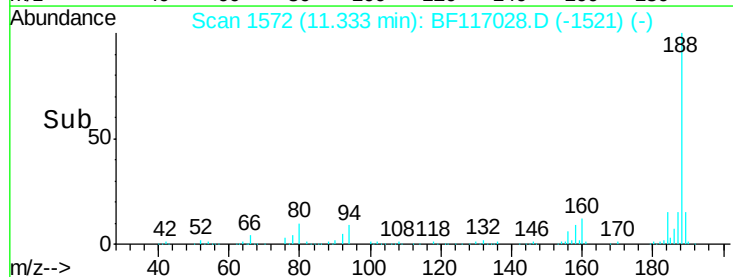
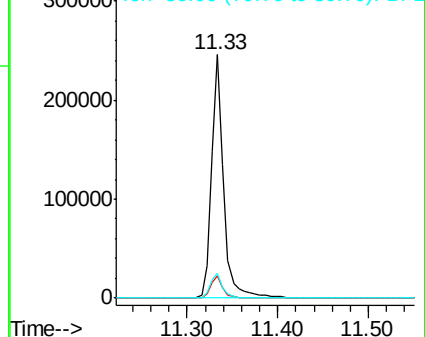


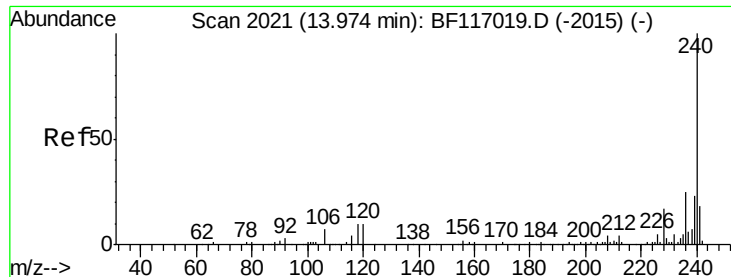
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Tgt Ion:188 Resp: 232691
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 10.3 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

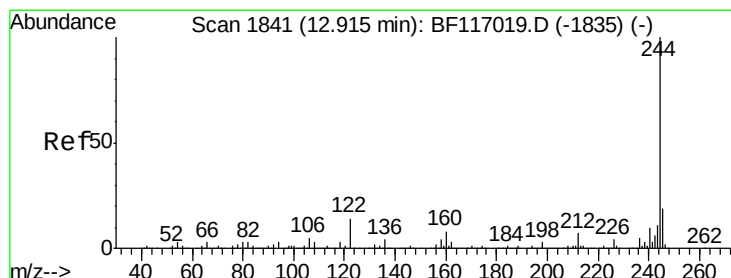
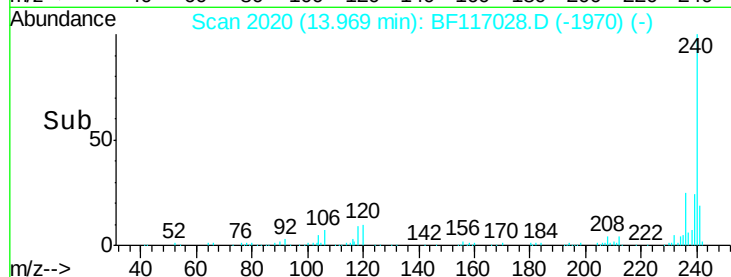
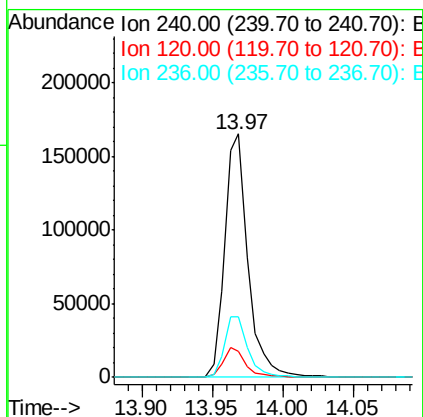
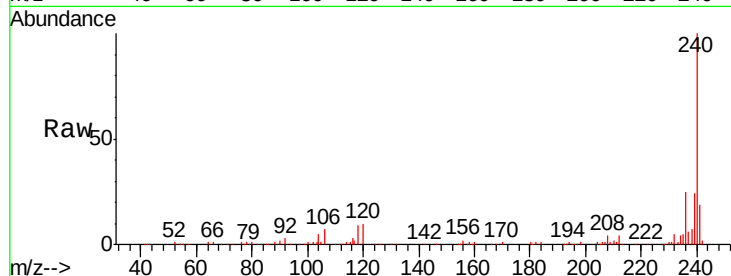




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117028.D
 Acq: 13 Sep 2019 17:58

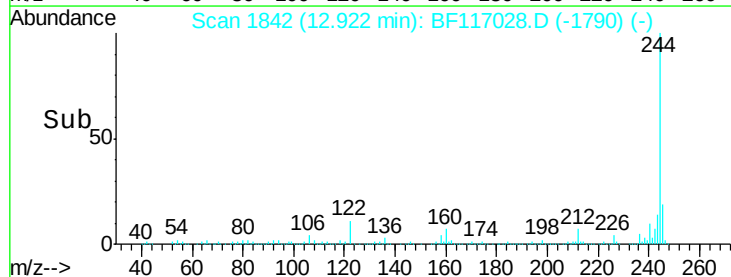
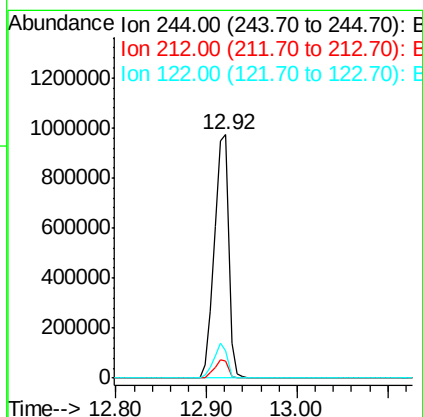
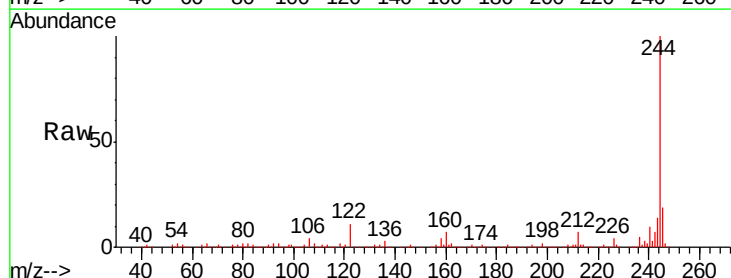
Instrument :
 BNA_F
 ClientSampleId :
 MW-2

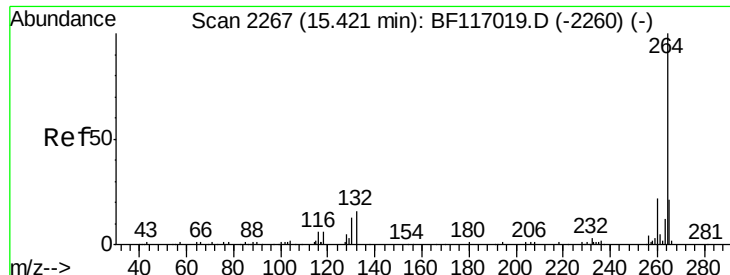
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	24.9	20.3	30.5



#79
 Terphenyl-d14
 Concen: 105.846 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF117028.D
 Acq: 13 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.4	11.3	16.9

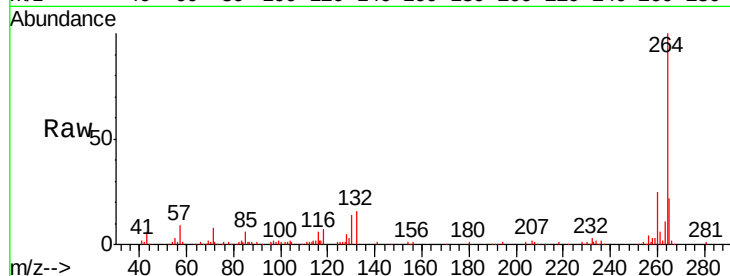




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117028.D
Acq: 13 Sep 2019 17:58

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.6	26.4
265	22.5	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

