

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
 Data File : BF117347.D
 Acq On : 8 Oct 2019 18:17
 Operator : JU
 Sample : K5230-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Oct 09 03:39:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

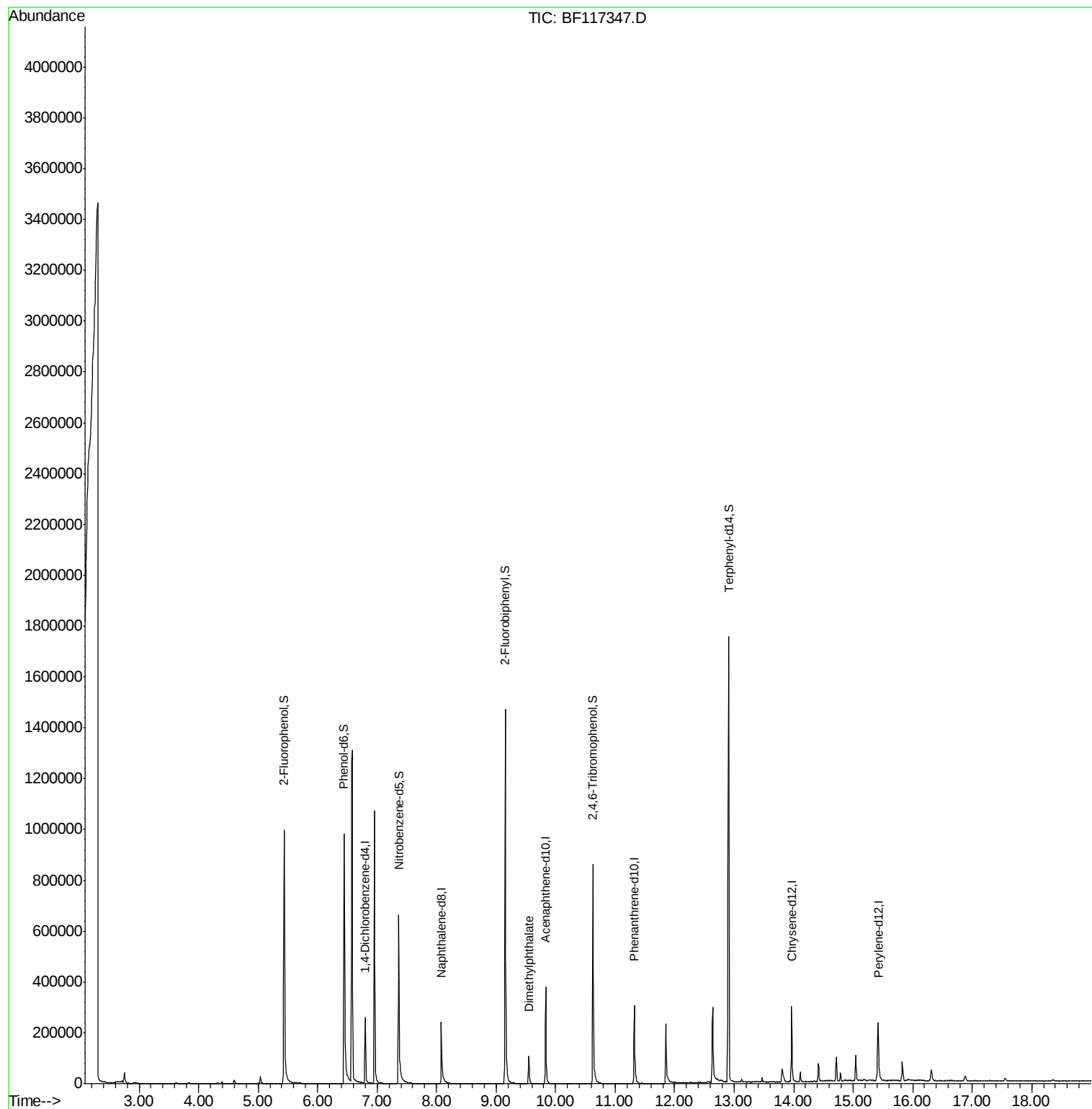
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	42816	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	168837	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	91302	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	152395	20.00	ng	0.00
76) Chrysene-d12	13.97	240	120657	20.00	ng	0.00
87) Perylene-d12	15.42	264	108314	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	365376	133.23	ng	0.01
7) Phenol-d6	6.45	99	472347	133.27	ng	0.00
23) Nitrobenzene-d5	7.36	82	303834	94.55	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	109841	143.95	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	546132	93.53	ng	0.00
79) Terphenyl-d14	12.91	244	603844	93.55	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	53373	8.256	ng	Qvalue 98

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

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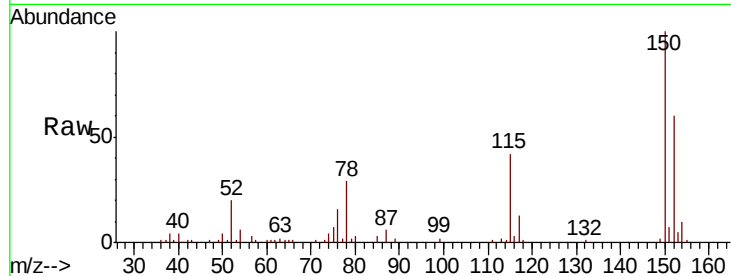


#1

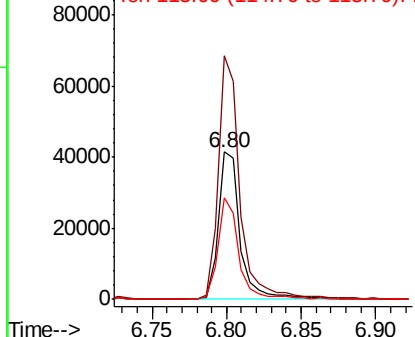
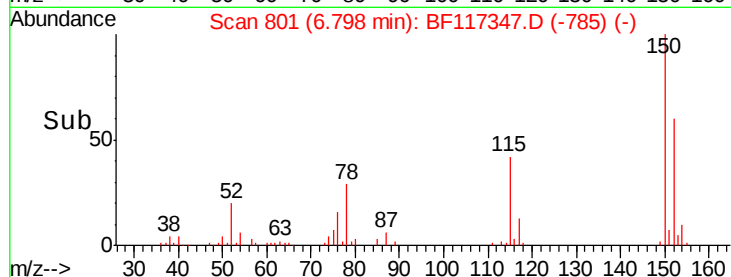
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF117347.D
Acq: 8 Oct 2019 18:17

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion:152 Resp: 42816
Ion Ratio Lower Upper
152 100
150 165.5 127.5 191.3
115 69.0 55.0 82.4



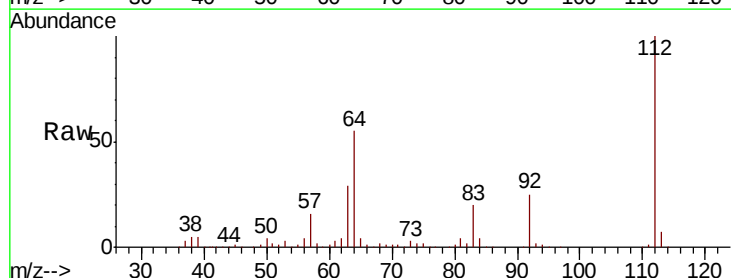
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



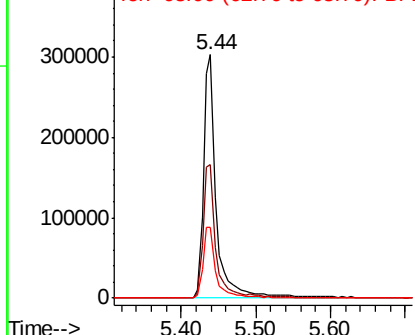
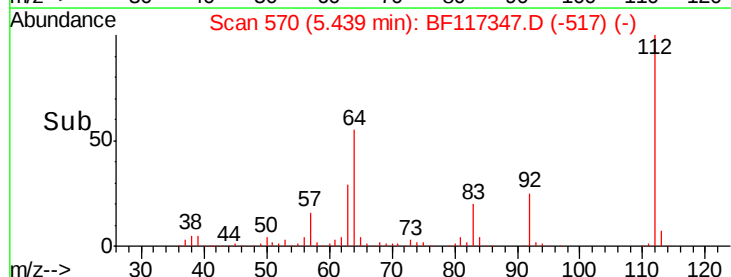
#5

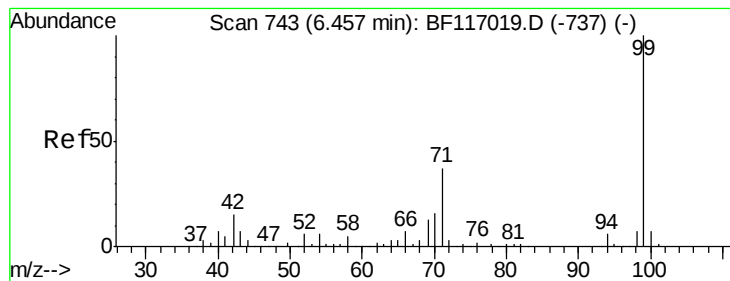
2-Fluorophenol
Concen: 133.231 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF117347.D
Acq: 8 Oct 2019 18:17

Tgt Ion:112 Resp: 365376
Ion Ratio Lower Upper
112 100
64 55.0 45.7 68.5
63 29.1 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: 133.273 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117347.D

Acq: 8 Oct 2019 18:17

Instrument :

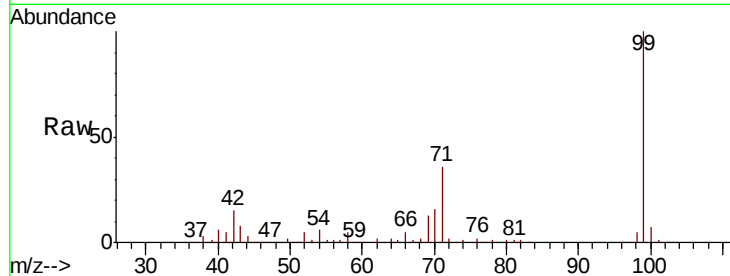
BNA_F

ClientSampleId :

TP-1

Tot Ion: 99 Resp: 472347

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.2	18.2
71	36.2	29.8	44.8

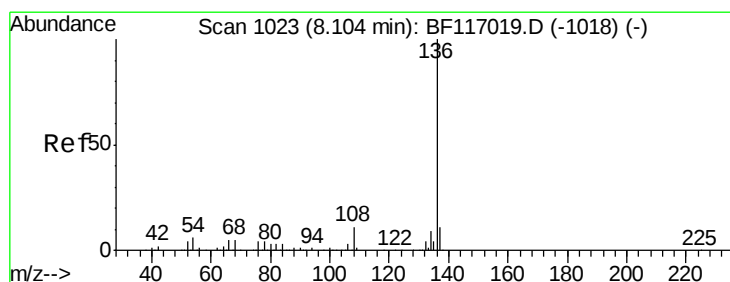
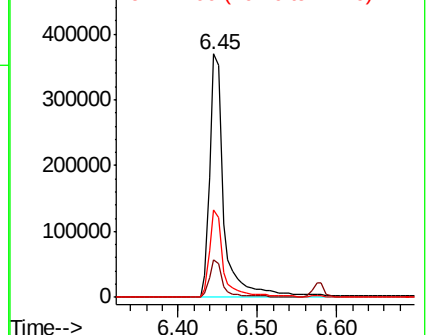
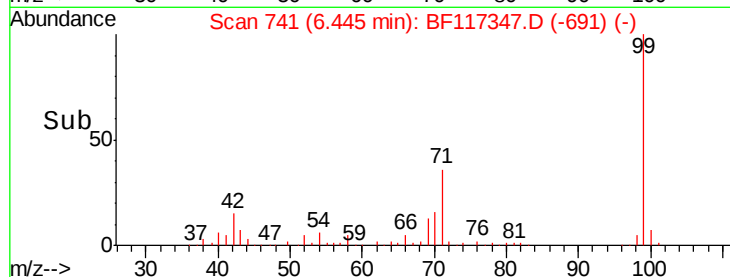


Abundance

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: 8.08 min Scan# 1019

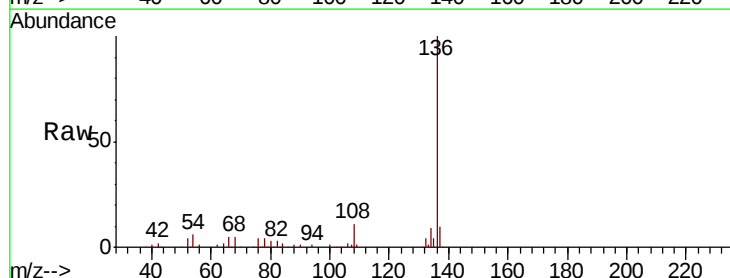
Delta R.T. -0.01 min

Lab File: BF117347.D

Acq: 8 Oct 2019 18:17

Tgt Ion: 136 Resp: 168837

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	6.1	4.5	6.7
68	4.7	4.0	6.0



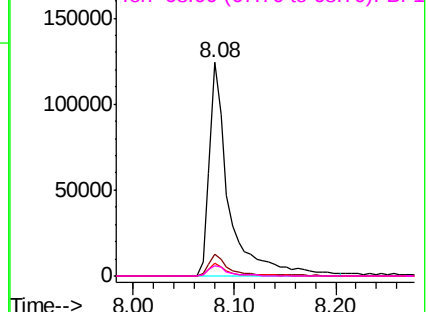
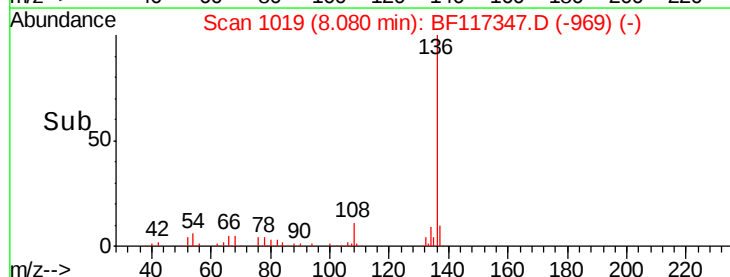
Abundance

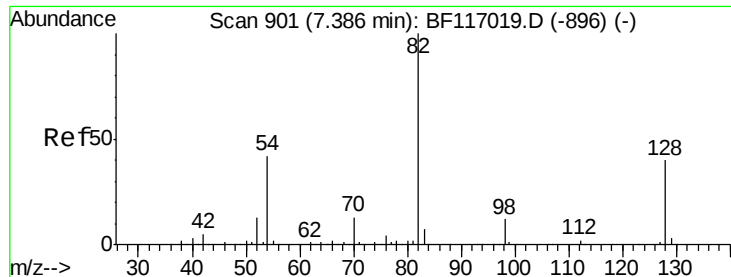
Ion 136.00 (135.70 to 136.70): E

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

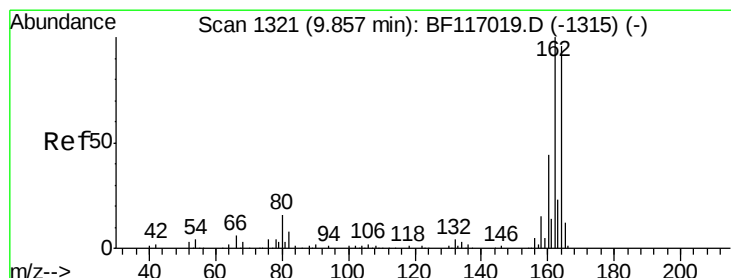
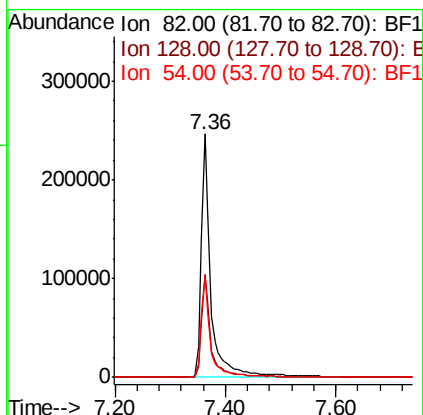
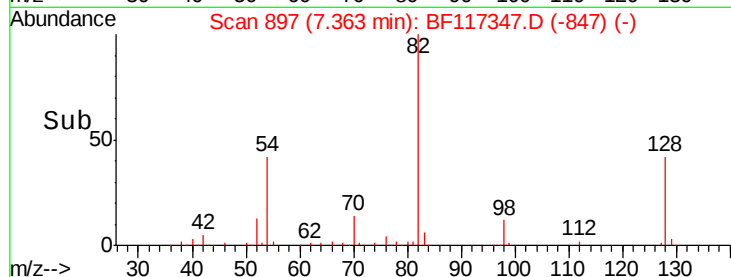
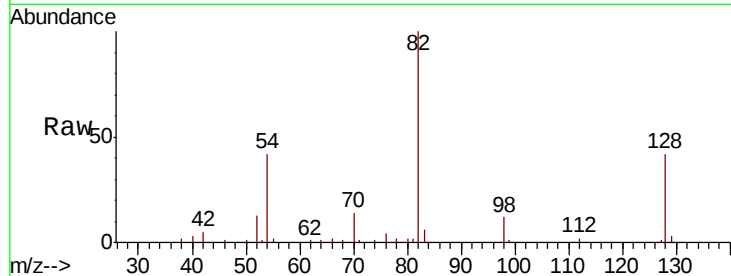




#23
Nitrobenzene-d5
Concen: 94.554 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF117347.D
Acq: 8 Oct 2019 18:17

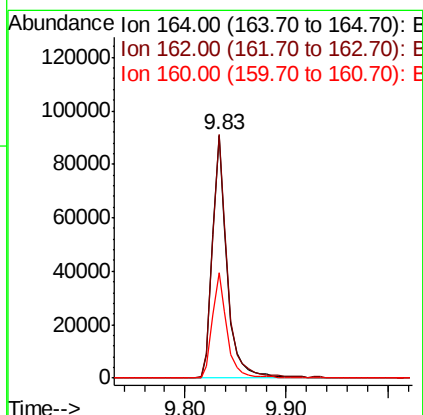
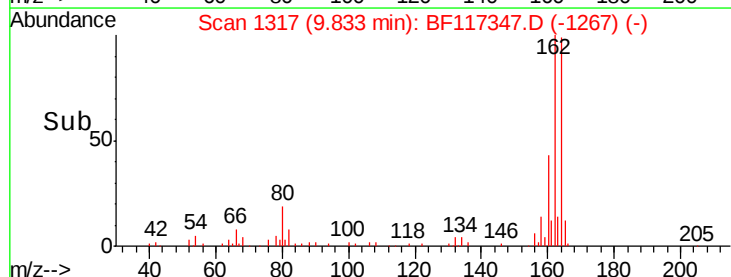
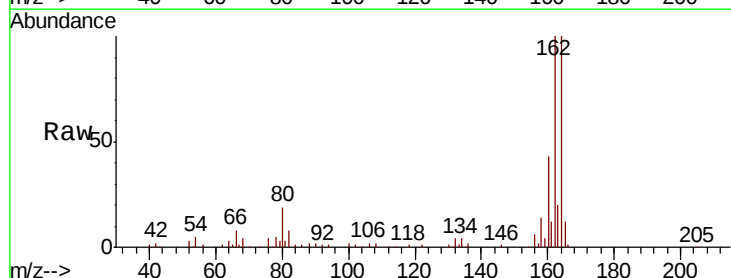
Instrument :
BNA_F
ClientSampleId :
TP-1

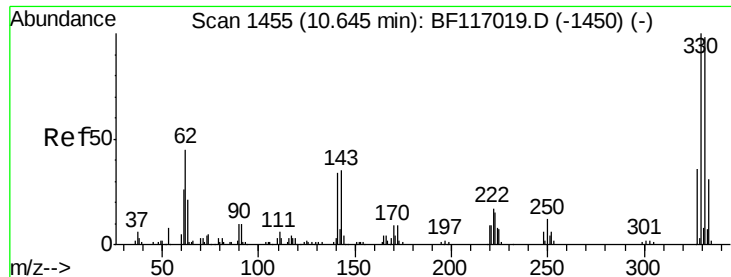
Tot Ion: 82 Resp: 303834
Ion Ratio Lower Upper
82 100
128 42.0 32.3 48.5
54 42.0 33.3 49.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117347.D
Acq: 8 Oct 2019 18:17

Tgt Ion:164 Resp: 91302
Ion Ratio Lower Upper
164 100
162 100.4 83.4 125.2
160 43.4 36.4 54.6

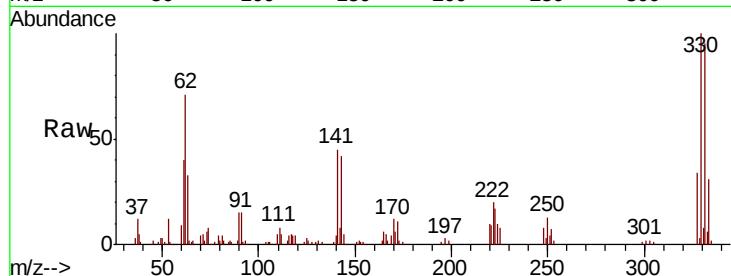




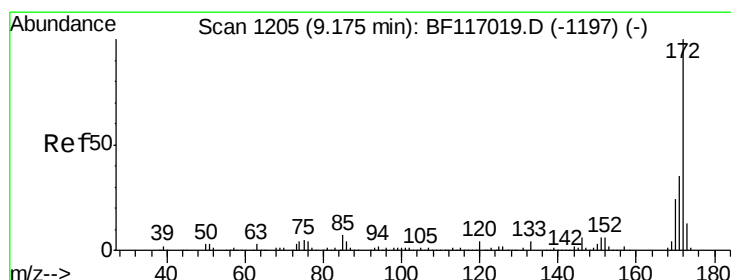
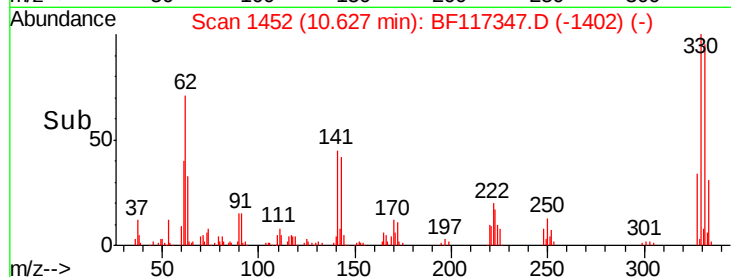
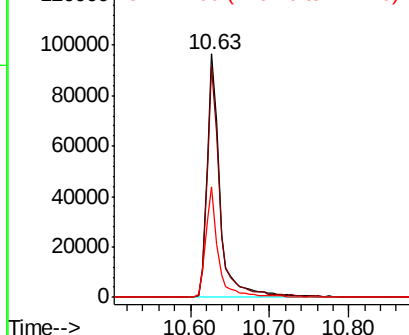
#42
 2,4,6-Tribromophenol
 Concen: 143.945 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF117347.D
 Acq: 8 Oct 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:330 Resp: 109841
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.0 117.0
 141 43.9 35.8 53.6

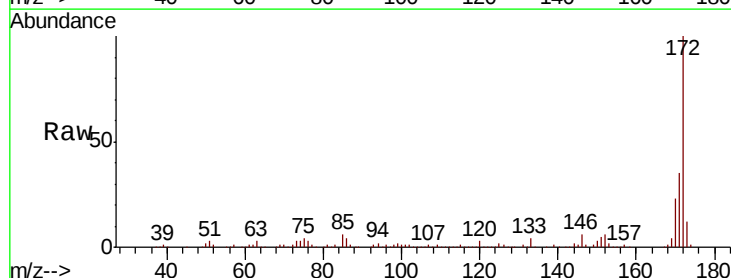


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

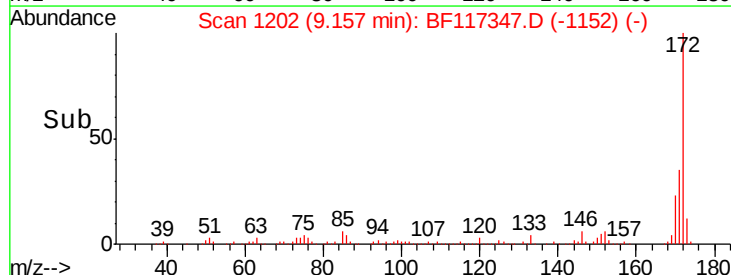
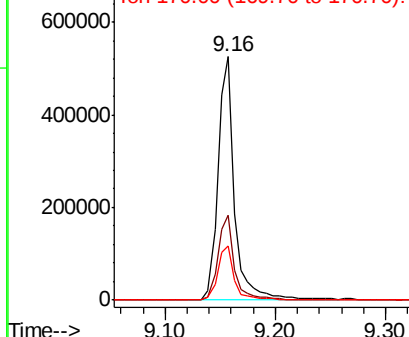


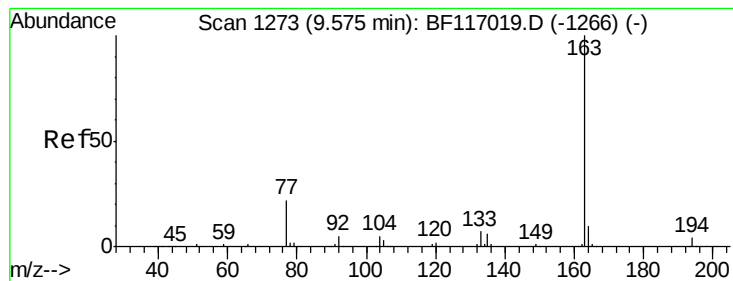
#45
 2-Fluorobiphenyl
 Concen: 93.527 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF117347.D
 Acq: 8 Oct 2019 18:17

Tgt Ion:172 Resp: 546132
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.2 42.2
 170 22.5 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: 8.256 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF117347.D

Acq: 8 Oct 2019 18:17

Instrument :

BNA_F

ClientSampleId :

TP-1

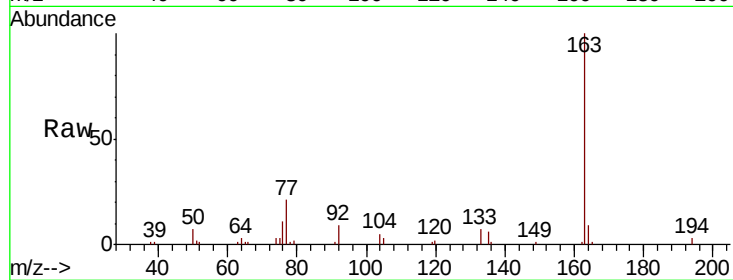
Tot Ion:163 Resp: 53373

Ion Ratio Lower Upper

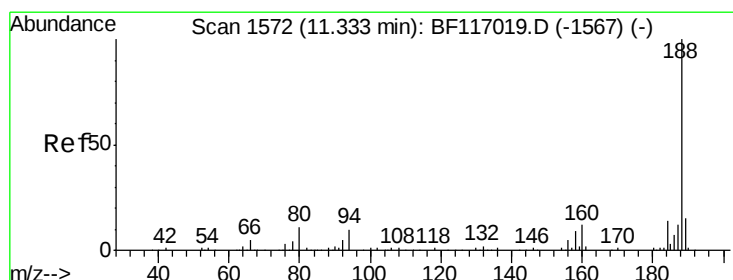
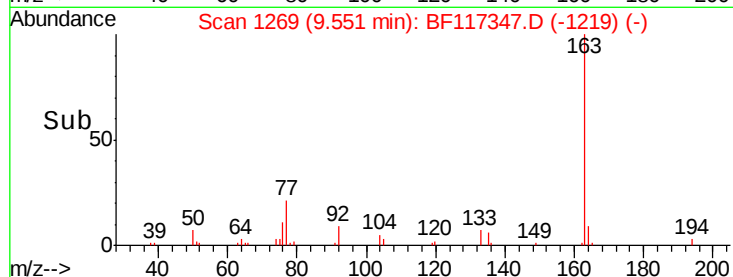
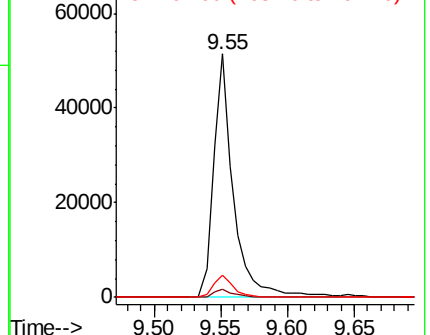
163 100

194 3.3 2.9 4.3

164 9.2 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: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF117347.D

Acq: 8 Oct 2019 18:17

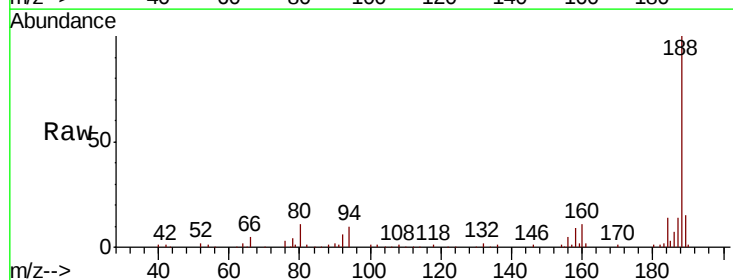
Tgt Ion:188 Resp: 152395

Ion Ratio Lower Upper

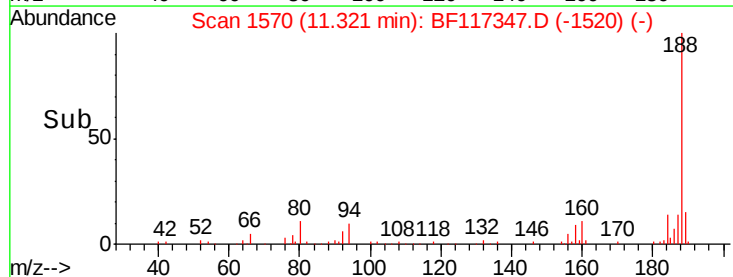
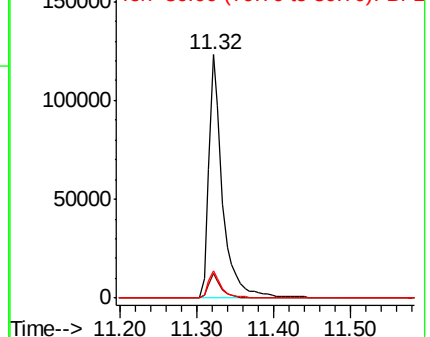
188 100

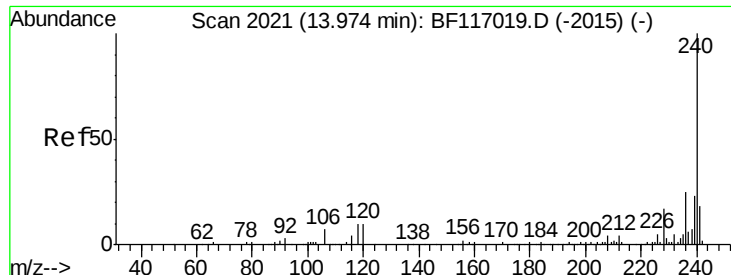
94 10.0 8.2 12.2

80 11.0 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

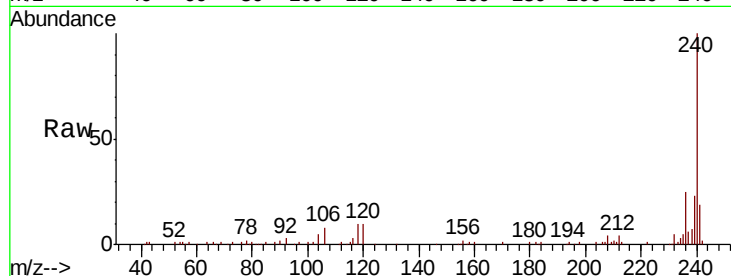




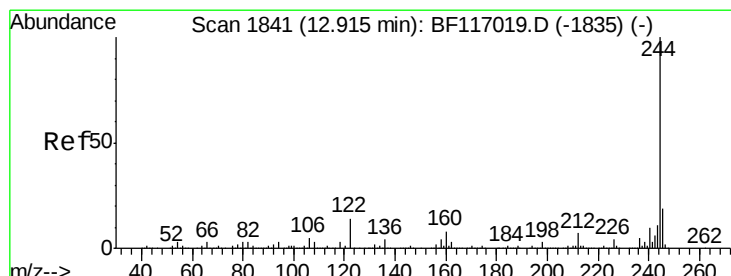
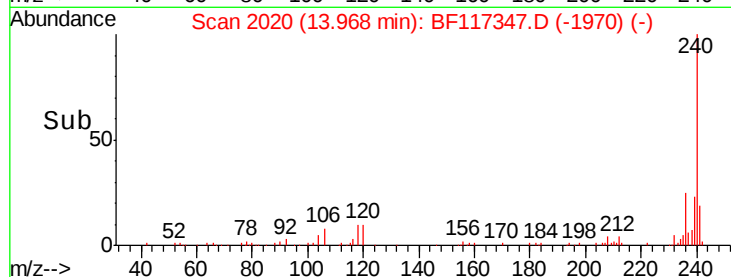
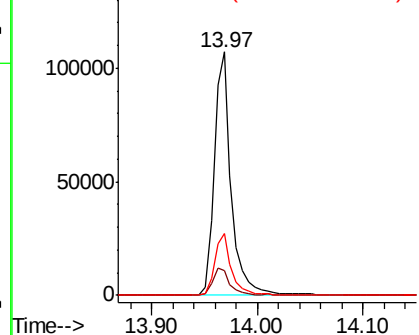
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117347.D
Acq: 8 Oct 2019 18:17

Instrument :
BNA_F
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	25.2	20.3	30.5

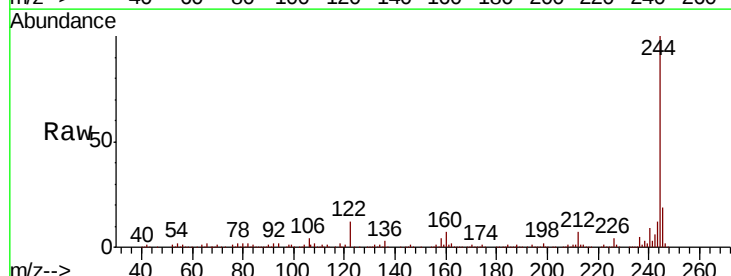


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

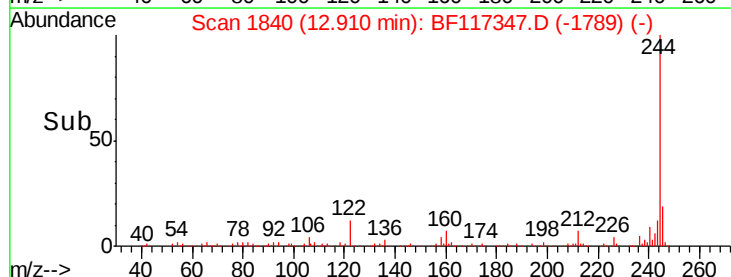
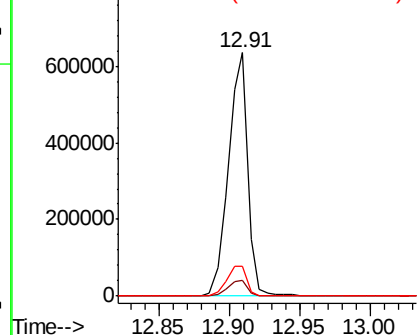


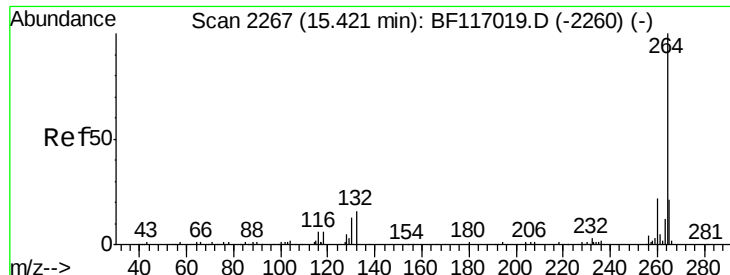
#79
Terphenyl-d14
Concen: 93.548 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF117347.D
Acq: 8 Oct 2019 18:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	12.0	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

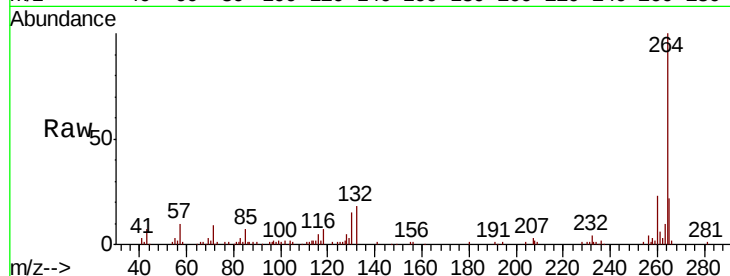




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF117347.D
 Acq: 8 Oct 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.6	26.4
265	22.2	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

