

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090319\
 Data File : BF116798.D
 Acq On : 4 Sep 2019 3:40
 Operator : HP/JU
 Sample : K4625-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-01

Quant Time: Sep 04 07:48:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

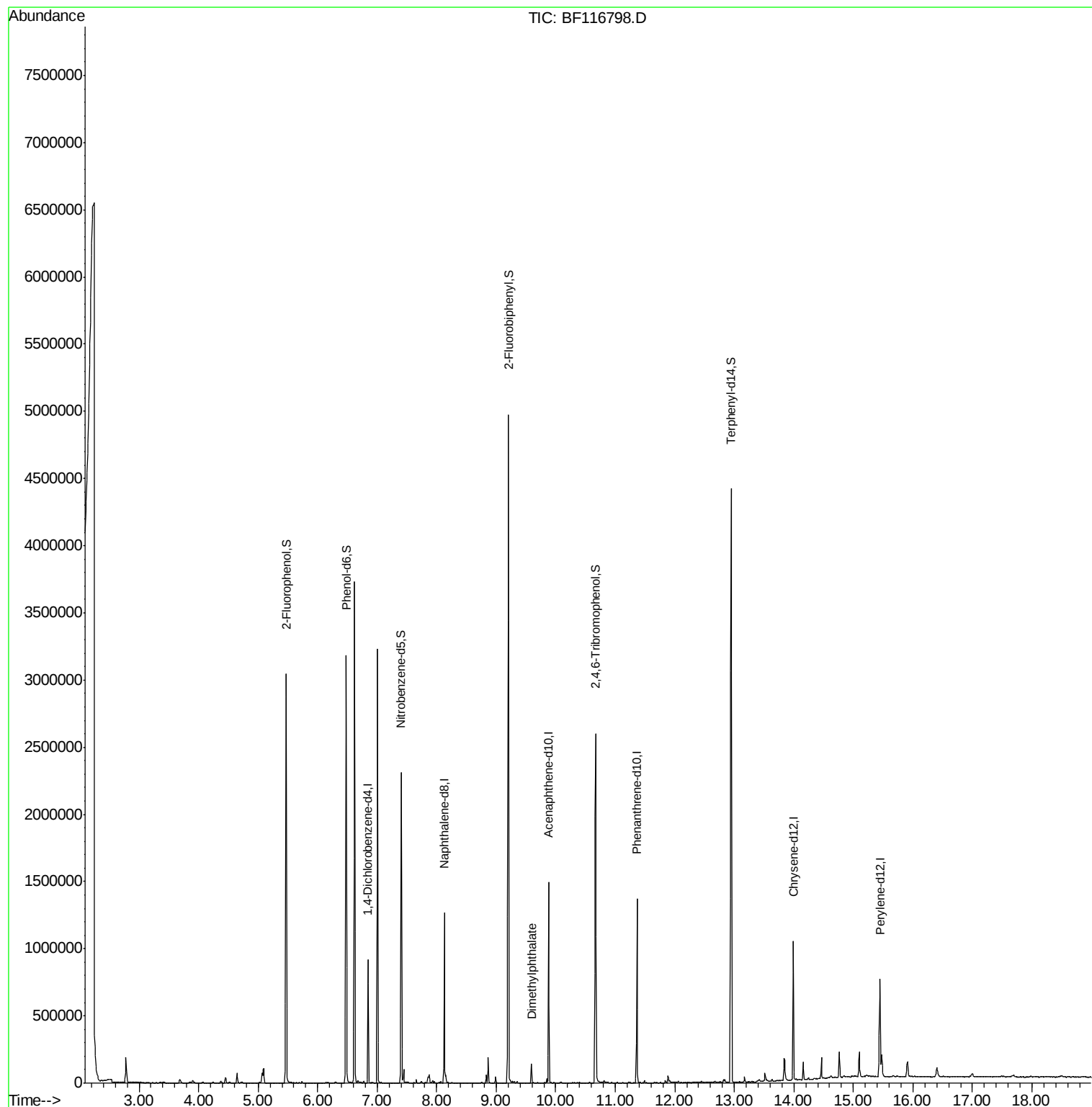
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	134587	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	529992	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	275420	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	463044	20.00	ng	0.00
76) Chrysene-d12	13.99	240	313355	20.00	ng	0.00
87) Perylene-d12	15.44	264	318787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	970704	116.85	ng	0.01
7) Phenol-d6	6.48	99	1197351	109.76	ng	0.00
23) Nitrobenzene-d5	7.40	82	876285	94.39	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	289805	157.40	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1491980	91.38	ng	0.00
79) Terphenyl-d14	12.95	244	1527537	90.18	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	62513	3.288	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: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF116798.D

Acq: 4 Sep 2019 3:40

Instrument :

BNA_F

ClientSampleId :

HF-01

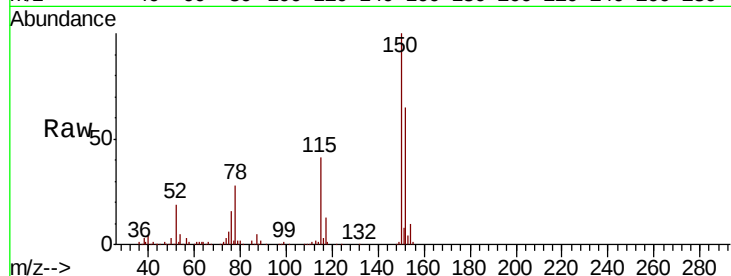
Tot Ion:152 Resp: 134587

Ion Ratio Lower Upper

152 100

150 154.0 124.4 186.6

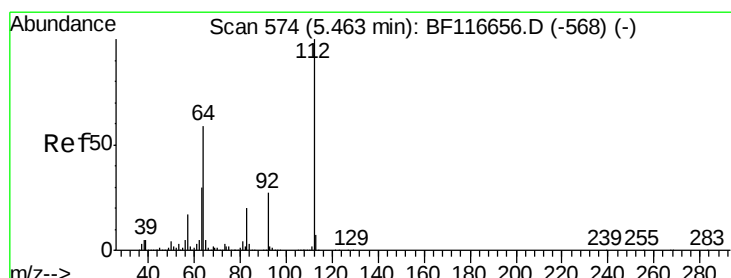
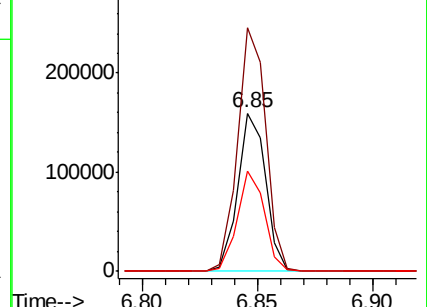
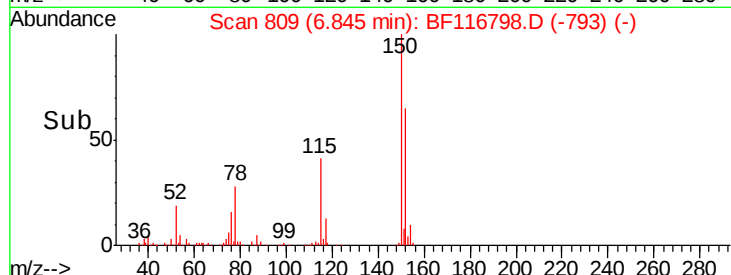
115 63.8 49.9 74.9



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: 116.846 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116798.D

Acq: 4 Sep 2019 3:40

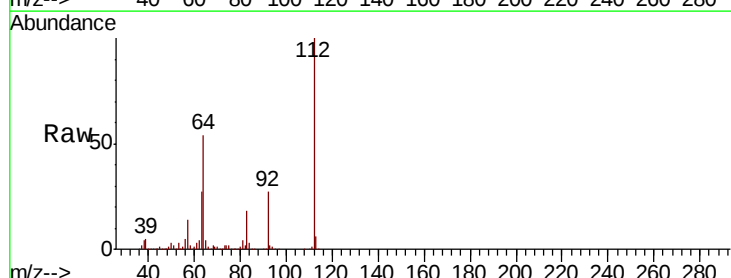
Tgt Ion:112 Resp: 970704

Ion Ratio Lower Upper

112 100

64 53.8 47.1 70.7

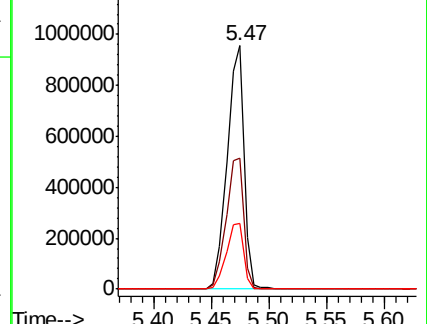
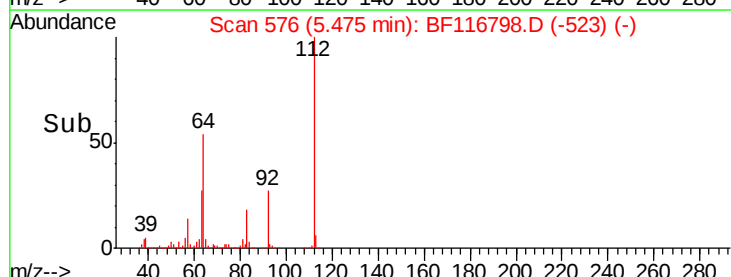
63 27.2 24.9 37.3

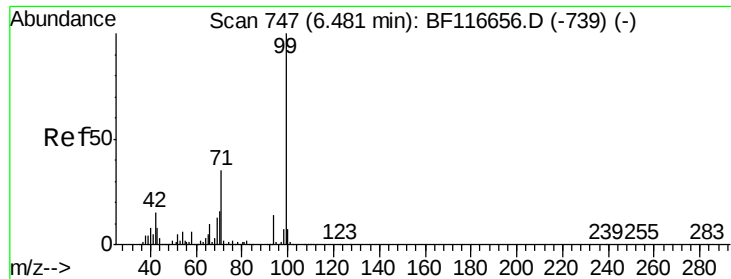


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 109.761 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116798.D

Acq: 4 Sep 2019 3:40

Instrument :

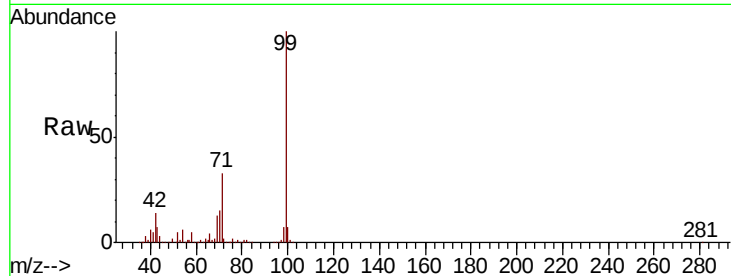
BNA_F

ClientSampleId :

HF-01

Tot Ion: 99 Resp: 1197351

Ion	Ratio	Lower	Upper
99	100		
42	14.1	13.7	20.5
71	33.2	30.8	46.2

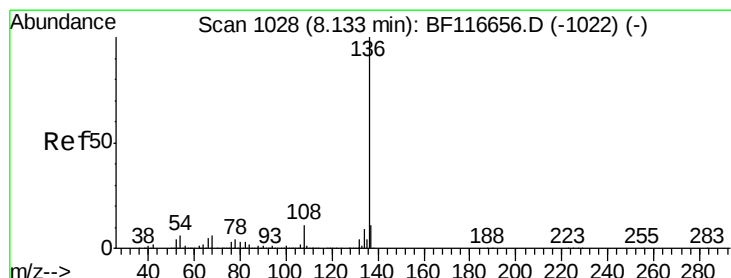
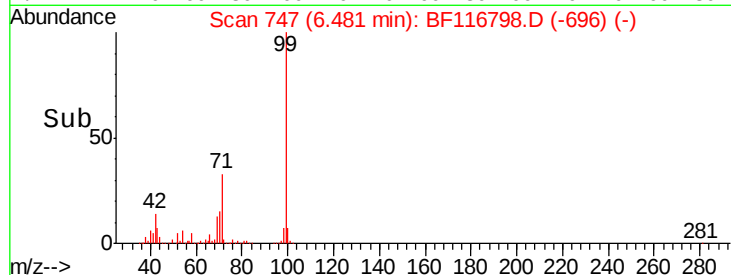


Abundance

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: 8.13 min Scan# 1027

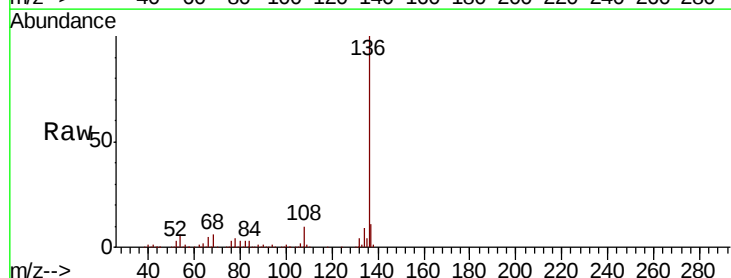
Delta R.T. -0.01 min

Lab File: BF116798.D

Acq: 4 Sep 2019 3:40

Tgt Ion: 136 Resp: 529992

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.2	4.8	7.2
68	5.8	4.0	6.0



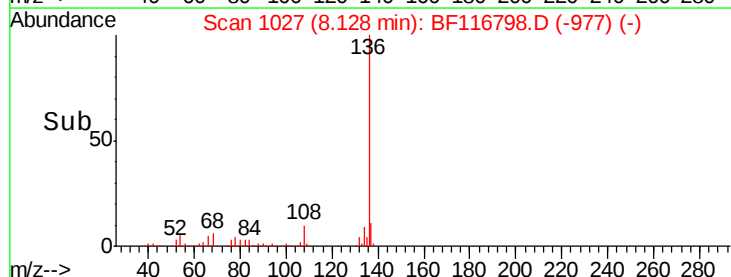
Abundance

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

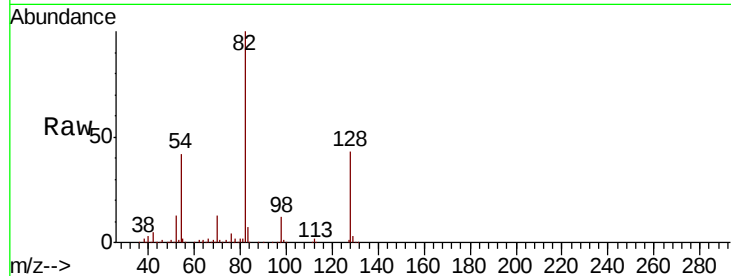




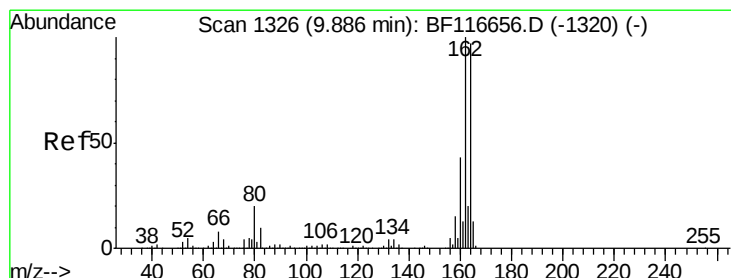
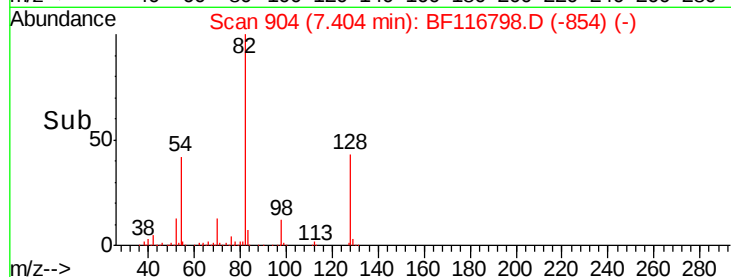
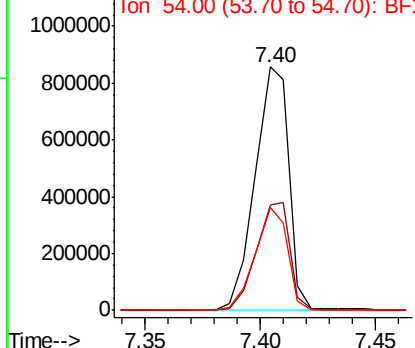
#23
 Nitrobenzene-d5
 Concen: 94.388 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116798.D
 Acq: 4 Sep 2019 3:40

Instrument :
 BNA_F
 ClientSampleId :
 HF-01

Tot Ion	82	Resp	876285
Ion Ratio	Lower	Upper	
82	100		
128	43.1	32.8	49.2
54	42.0	36.9	55.3

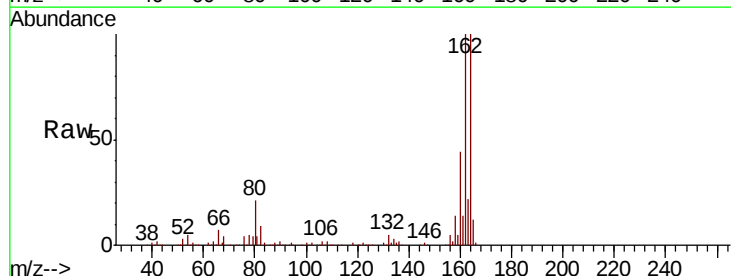


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

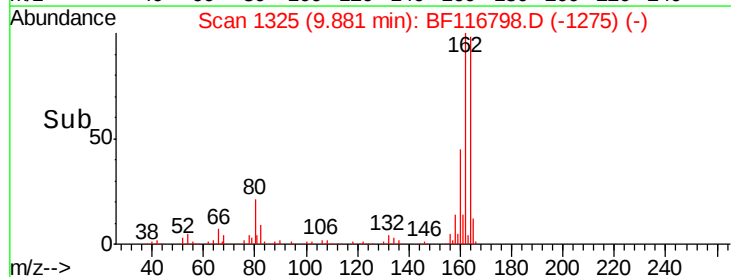
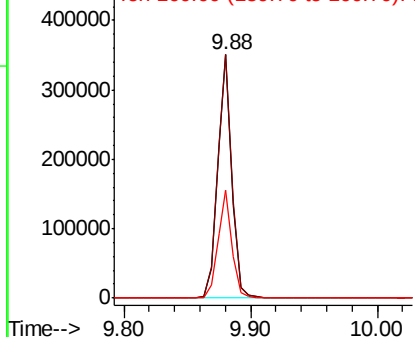


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF116798.D
 Acq: 4 Sep 2019 3:40

Tgt Ion	164	Resp	275420
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
164	100		
162	100.0	81.4	122.0
160	44.4	35.4	53.2



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

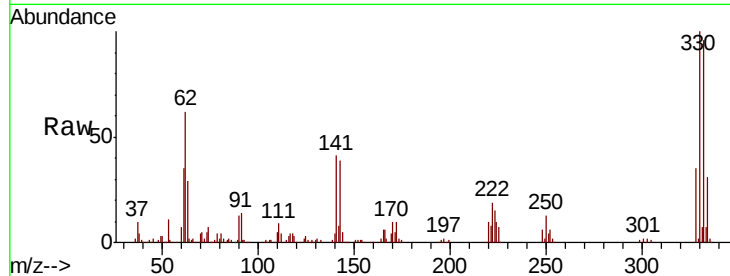




#42
 2,4,6-Tribromophenol
 Concen: 157.397 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116798.D
 Acq: 4 Sep 2019 3:40

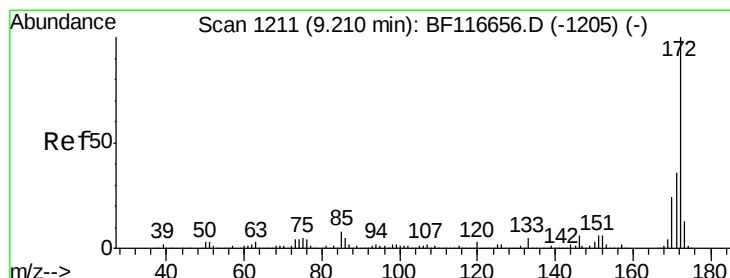
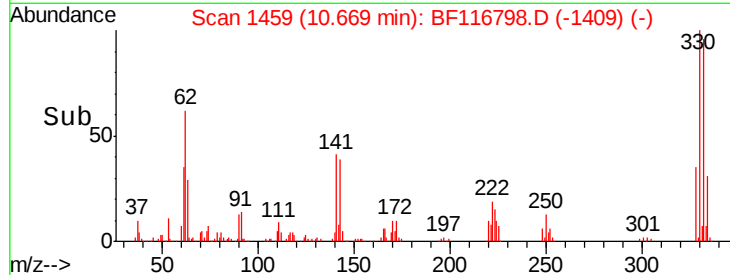
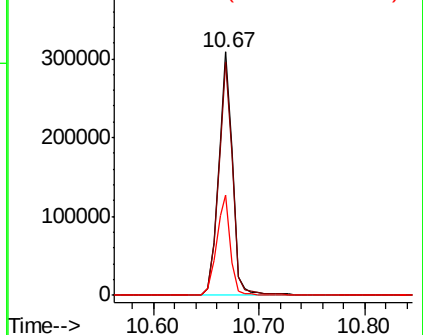
Instrument :
 BNA_F
 ClientSampleId :
 HF-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	41.6	31.4	47.2



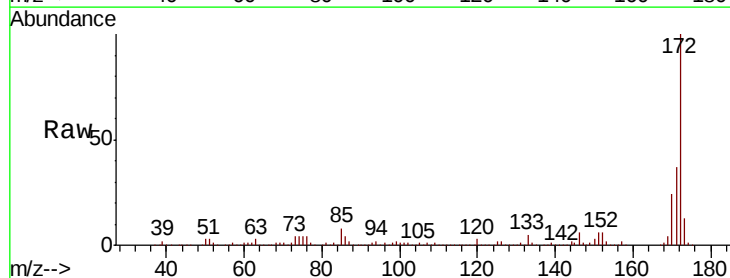
Abundance

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



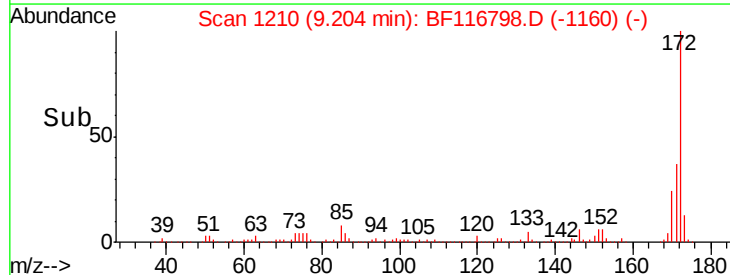
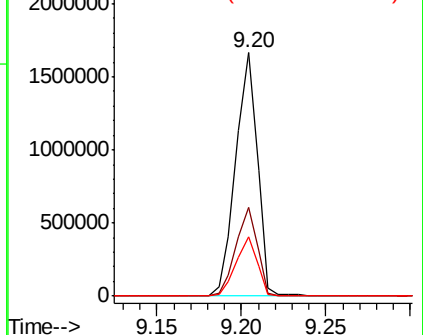
#45
 2-Fluorobiphenyl
 Concen: 91.381 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116798.D
 Acq: 4 Sep 2019 3:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	27.8	41.6
170	24.4	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

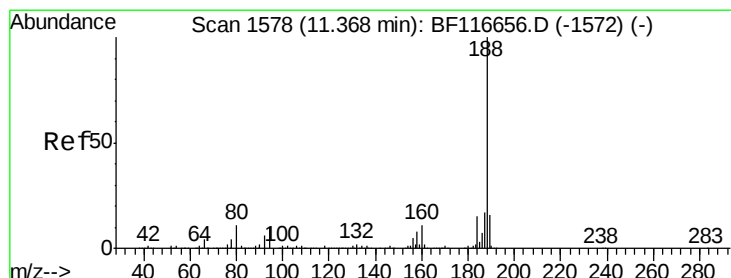
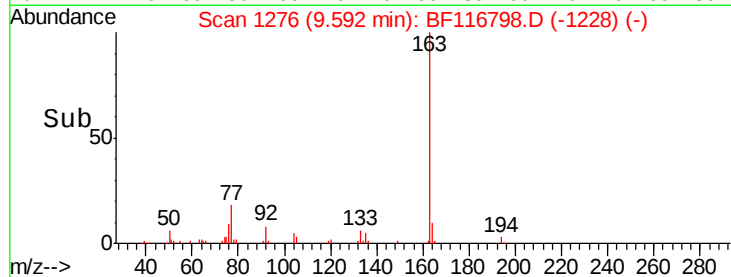
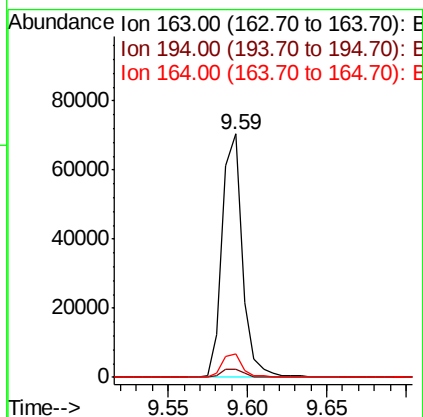
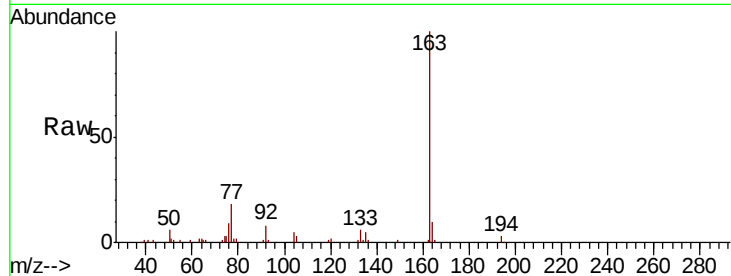




#50
Dimethylphthalate
Concen: 3.288 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF116798.D
Acq: 4 Sep 2019 3:40

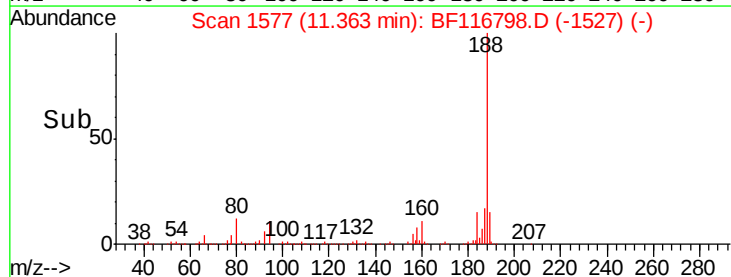
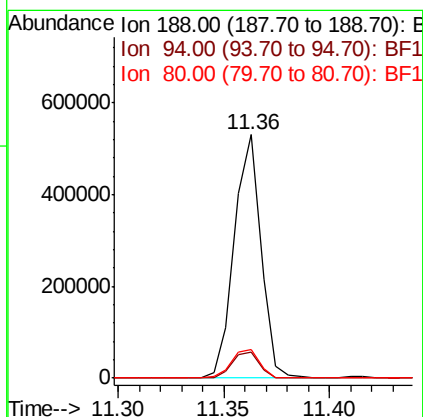
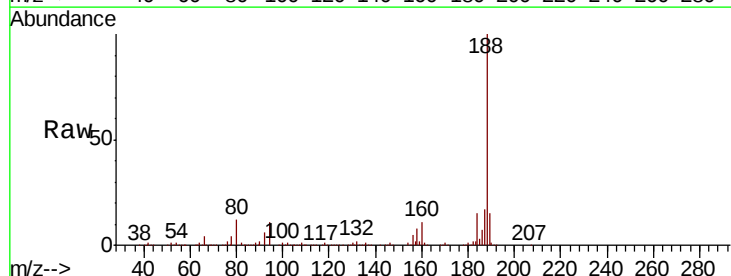
Instrument :
BNA_F
ClientSampleId :
HF-01

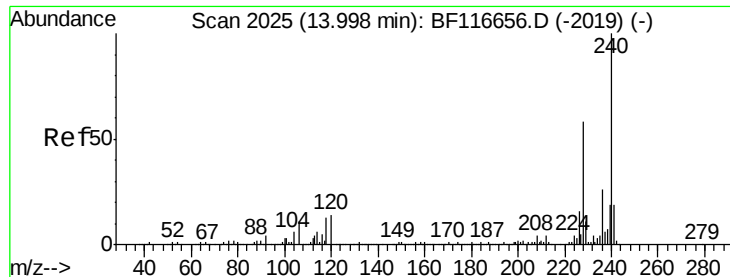
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.8	8.6	12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116798.D
Acq: 4 Sep 2019 3:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	7.3	10.9
80	11.6	8.4	12.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116798.D

Acq: 4 Sep 2019 3:40

Instrument :

BNA_F

ClientSampleId :

HF-01

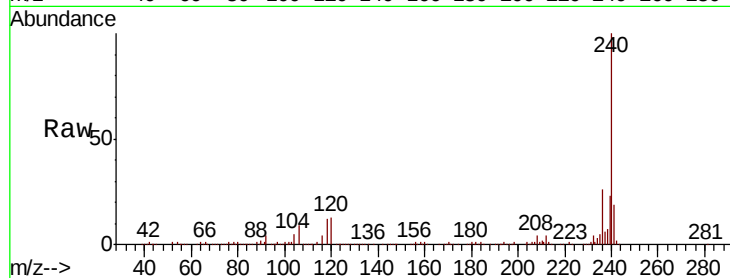
Tot Ion:240 Resp: 313355

Ion Ratio Lower Upper

240 100

120 12.6 9.1 13.7

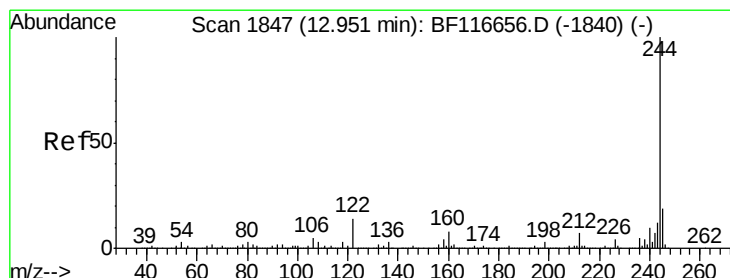
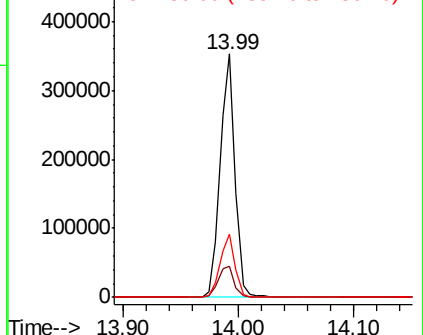
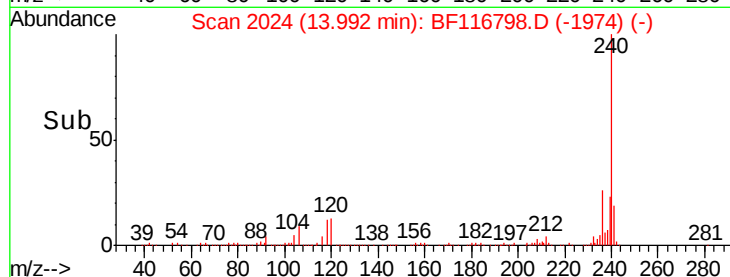
236 25.8 21.1 31.7



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: 90.181 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116798.D

Acq: 4 Sep 2019 3:40

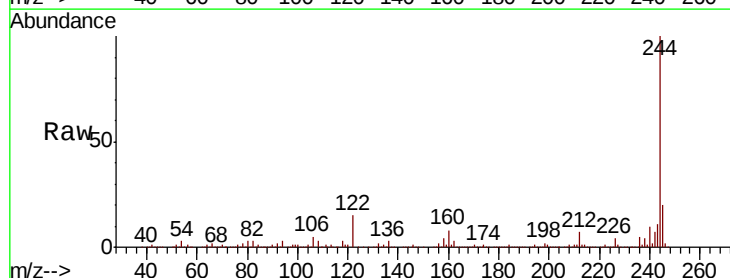
Tgt Ion:244 Resp: 1527537

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

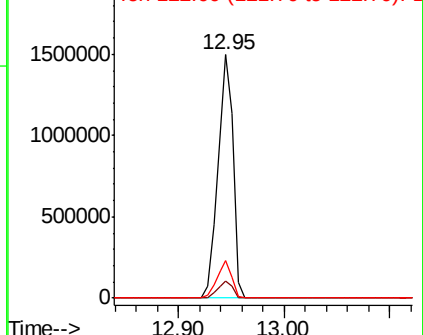
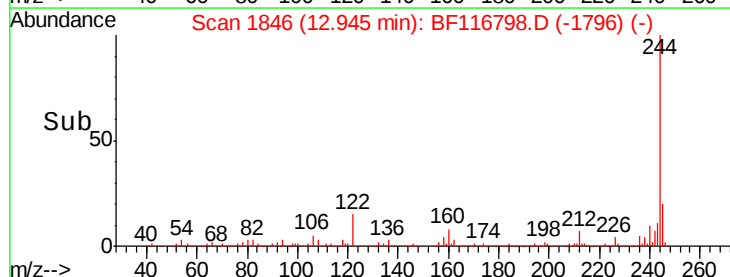
122 15.2 10.2 15.4

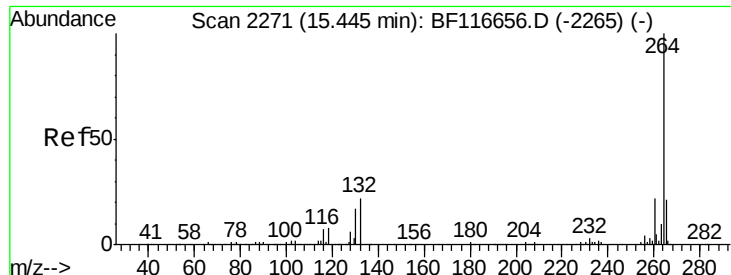


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

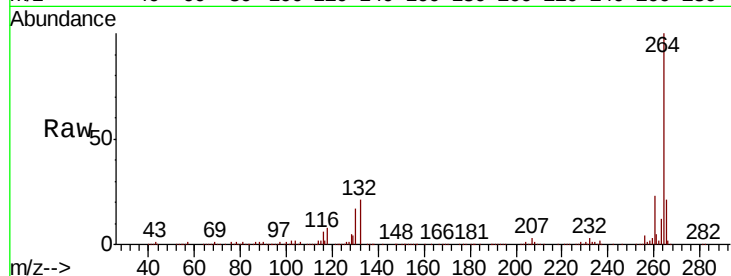




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116798.D
Acq: 4 Sep 2019 3:40

Instrument :
BNA_F
ClientSampleId :
HF-01

Tot Ion:	264	Resp:	318787
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	20.8	16.5	24.7



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

