

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090519\
 Data File : BF116839.D
 Acq On : 5 Sep 2019 15:48
 Operator : HP/JU
 Sample : K4680-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2-3-(2-4)

Quant Time: Sep 06 04:38:01 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

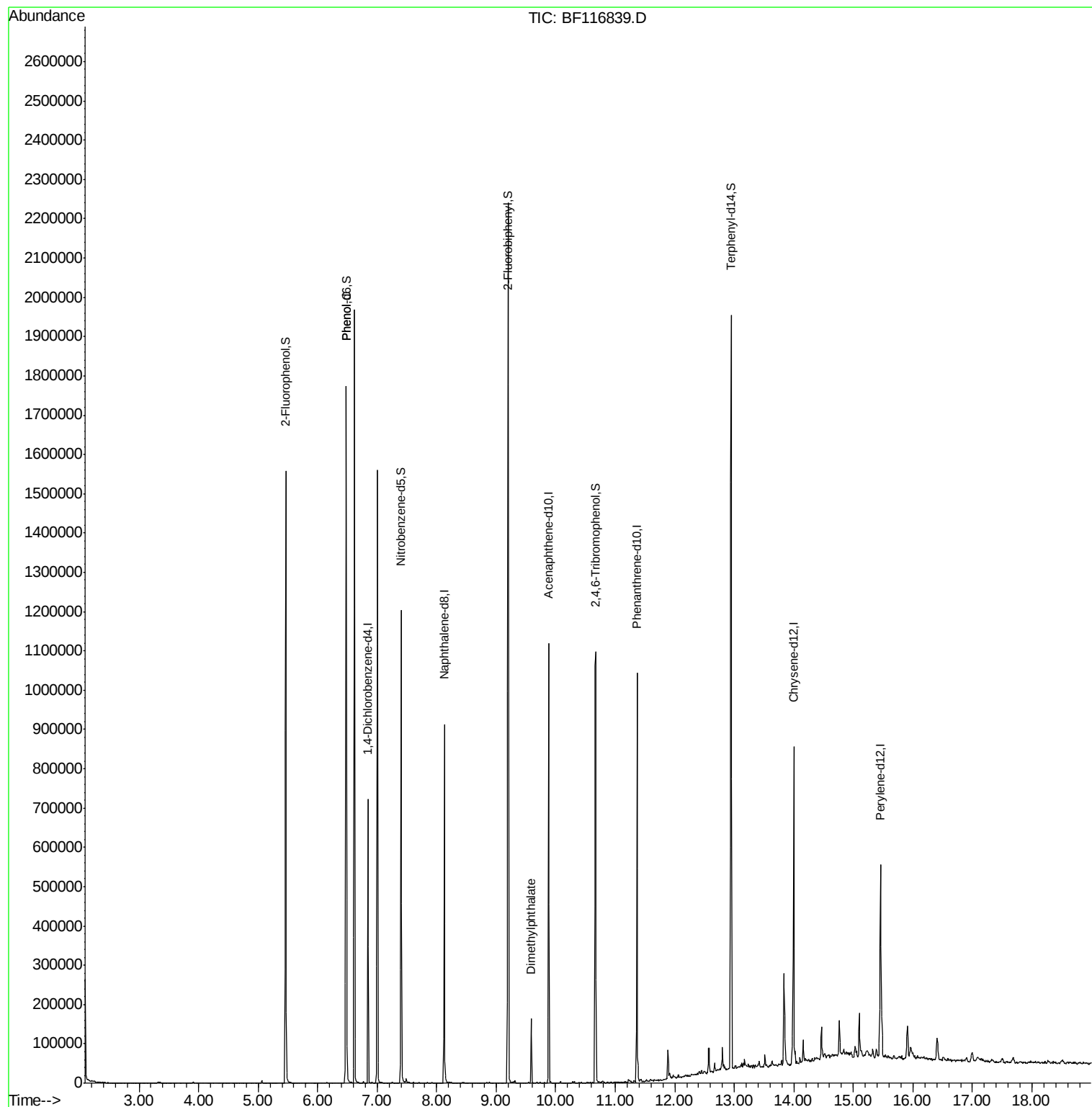
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	94127	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	387757	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	203120	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	324146	20.00	ng	0.00
76) Chrysene-d12	14.00	240	238219	20.00	ng	0.00
87) Perylene-d12	15.46	264	216819	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	457664	78.77	ng	0.00
7) Phenol-d6	6.48	99	628499	82.38	ng	0.00
23) Nitrobenzene-d5	7.40	82	380121	55.96	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	123786	91.16	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	674507	56.02	ng	-0.01
79) Terphenyl-d14	12.95	244	598062	46.44	ng	0.00
Target Compounds						
10) Phenol	6.49	94	17193	2.035	ng	Qvalue # 67
50) Dimethylphthalate	9.59	163	61574	4.391	ng	99

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

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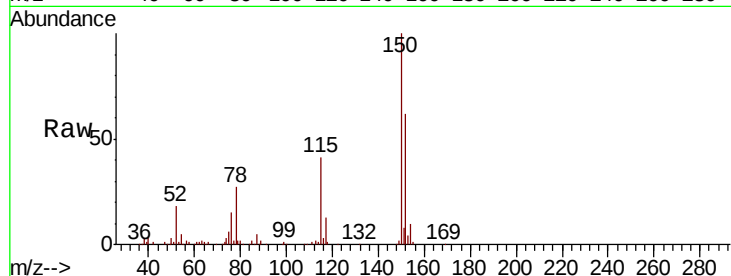


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116839.D
Acq: 5 Sep 2019 15:48

Instrument :
BNA_F
ClientSampleId :
T2-3-(2-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.4	186.6
115	65.8	49.9	74.9

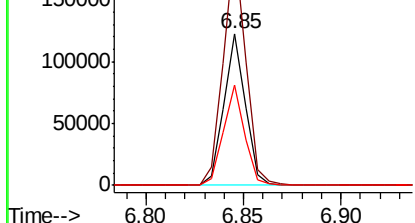
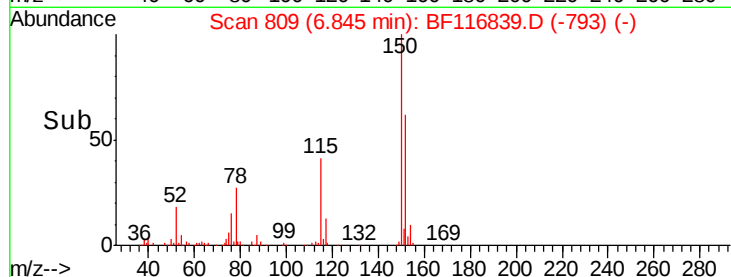


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

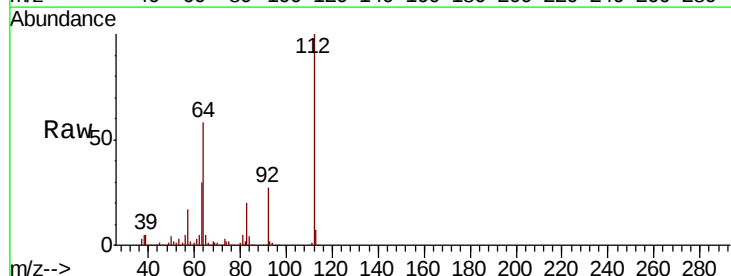
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 78.770 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF116839.D
Acq: 5 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.1	70.7
63	30.3	24.9	37.3

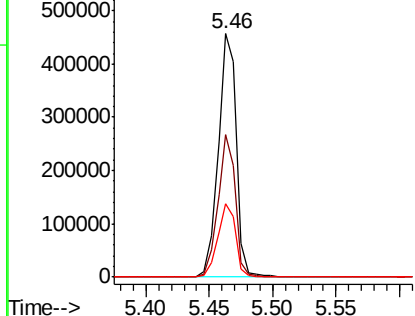
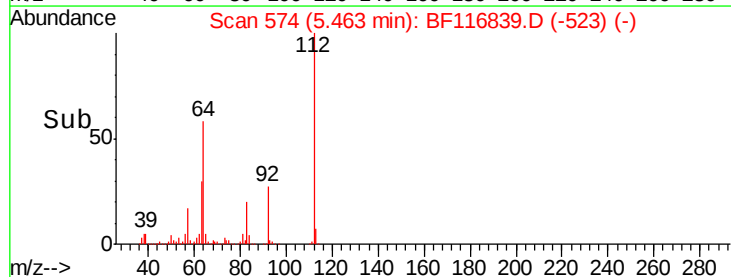


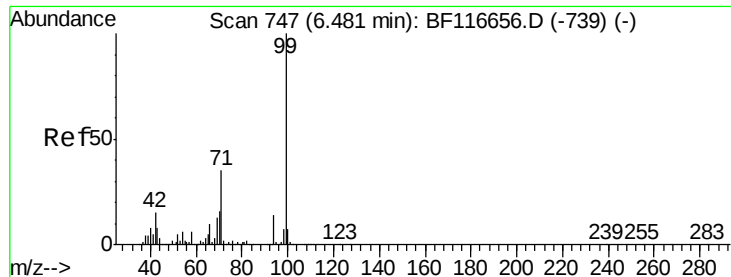
Abundance

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: 82.380 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116839.D

Acq: 5 Sep 2019 15:48

Instrument :

BNA_F

ClientSampleId :

T2-3-(2-4)

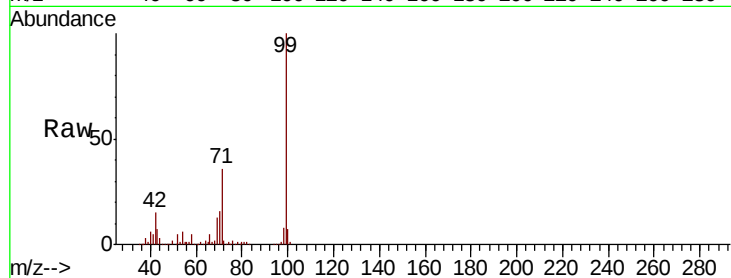
Tot Ion: 99 Resp: 628499

Ion Ratio Lower Upper

99 100

42 15.4 13.7 20.5

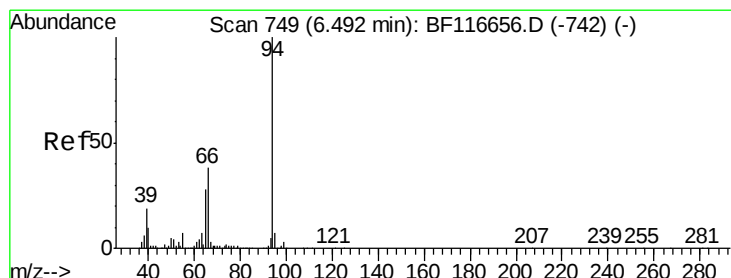
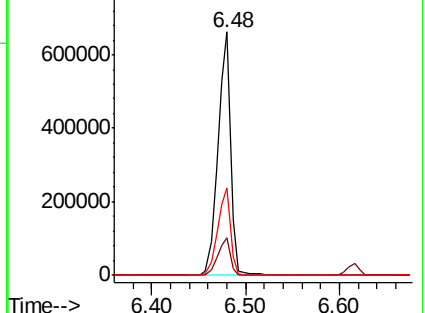
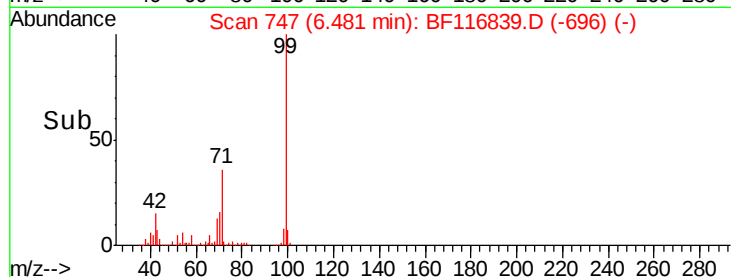
71 35.9 30.8 46.2



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



#10

Phenol

Concen: 2.035 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF116839.D

Acq: 5 Sep 2019 15:48

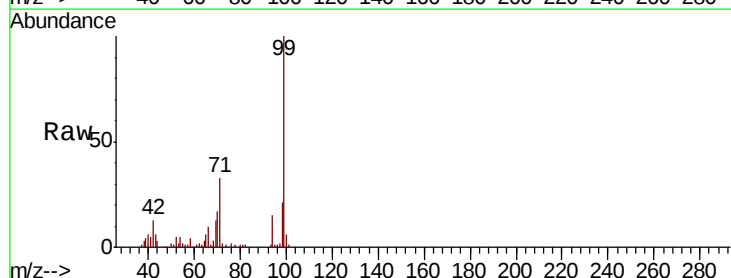
Tgt Ion: 94 Resp: 17193

Ion Ratio Lower Upper

94 100

65 38.5 10.8 50.8

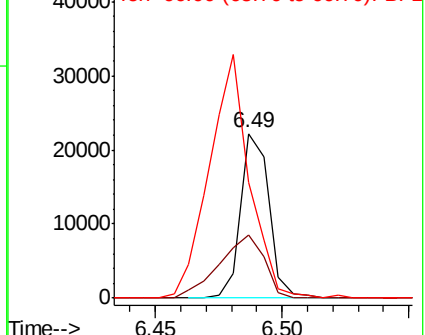
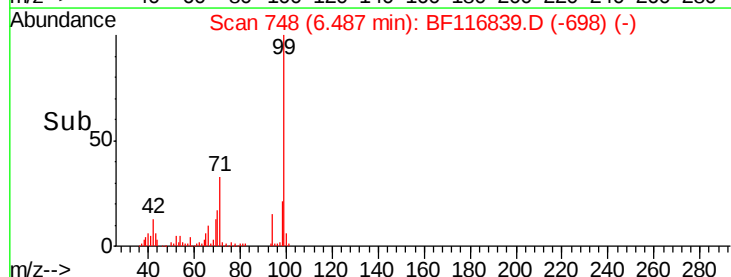
66 70.4 21.1 61.1#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF116839.D

Acq: 5 Sep 2019 15:48

Instrument :

BNA_F

ClientSampleId :

T2-3-(2-4)

Tot Ion:136 Resp: 387757

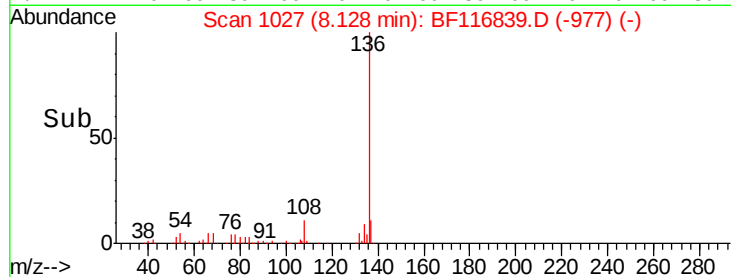
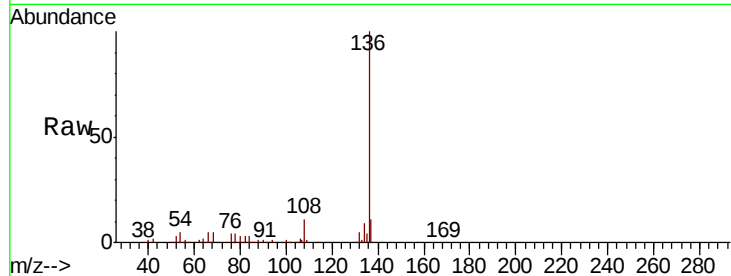
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 5.5 4.8 7.2

68 4.8 4.0 6.0

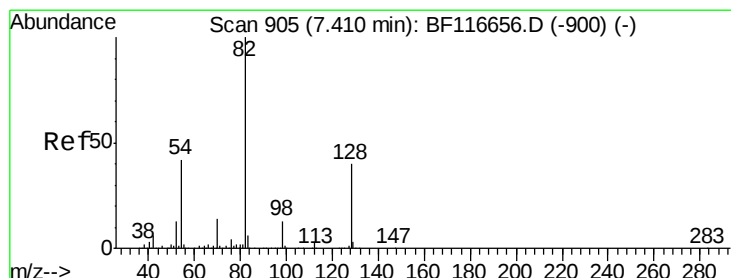
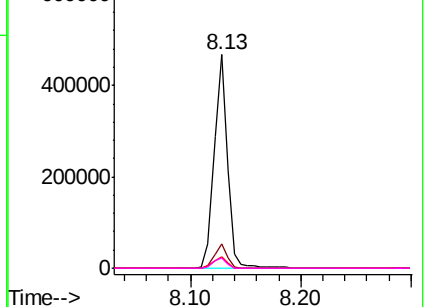


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.963 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116839.D

Acq: 5 Sep 2019 15:48

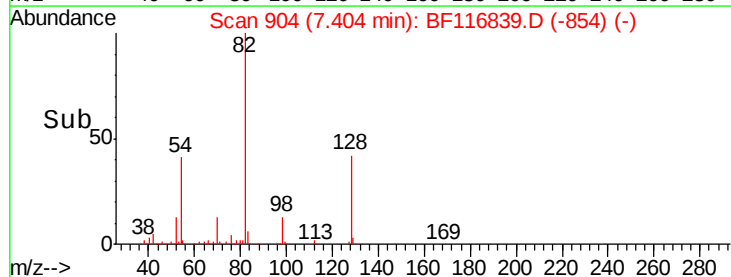
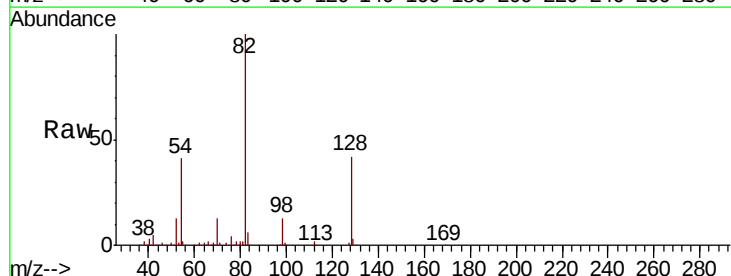
Tgt Ion: 82 Resp: 380121

Ion Ratio Lower Upper

82 100

128 41.5 32.8 49.2

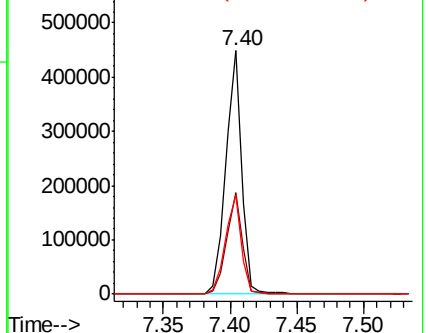
54 40.7 36.9 55.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

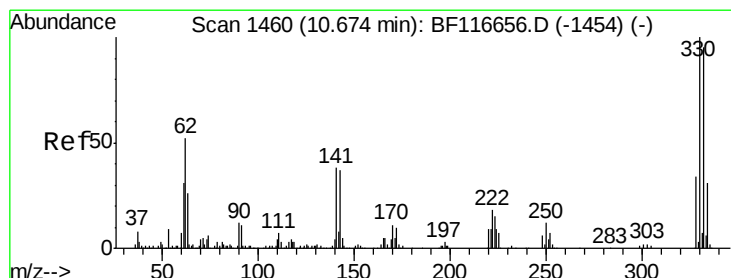
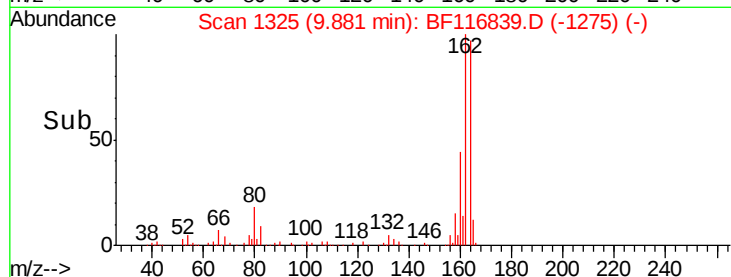
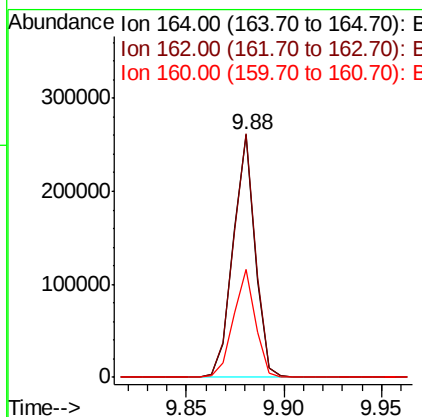
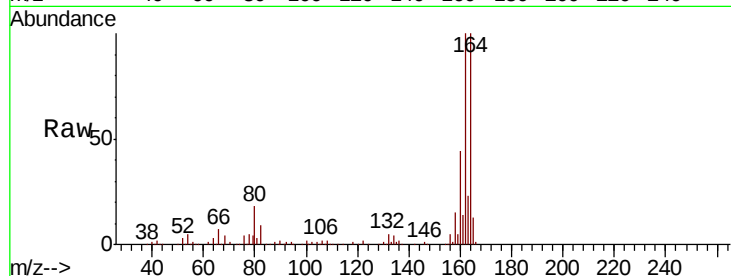




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF116839.D
Acq: 5 Sep 2019 15:48

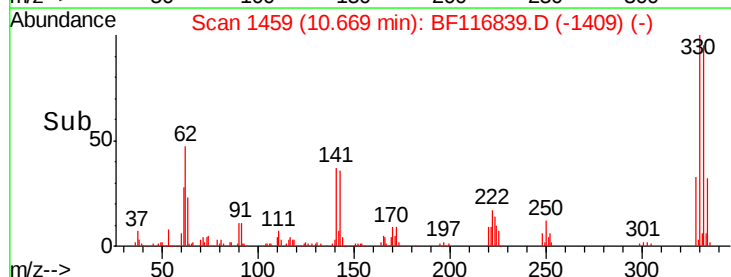
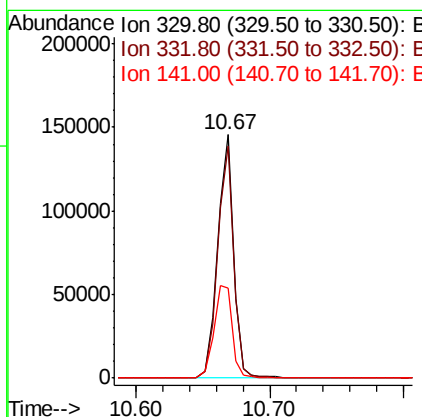
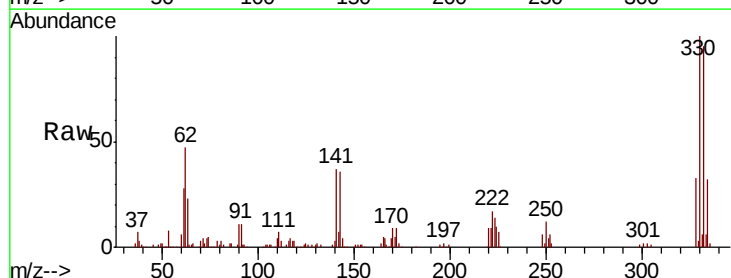
Instrument :
BNA_F
ClientSampleId :
T2-3-(2-4)

Tot Ion:164 Resp: 203120
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 44.3 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 91.160 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116839.D
Acq: 5 Sep 2019 15:48

Tgt Ion:330 Resp: 123786
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 43.1 31.4 47.2

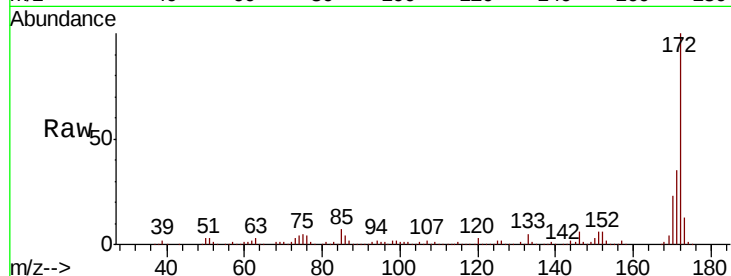




#45
2-Fluorobiphenyl
Concen: 56.017 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF116839.D
Acq: 5 Sep 2019 15:48

Instrument :
BNA_F
ClientSampleId :
T2-3-(2-4)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.6
170	23.2	18.9	28.3

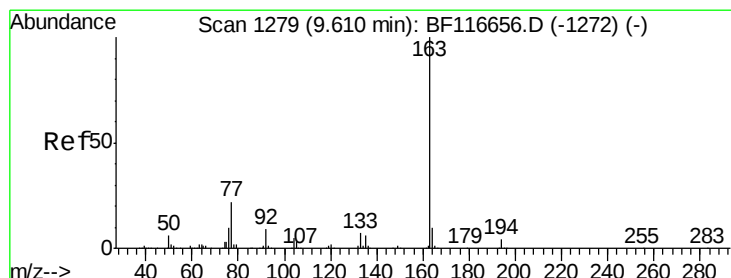
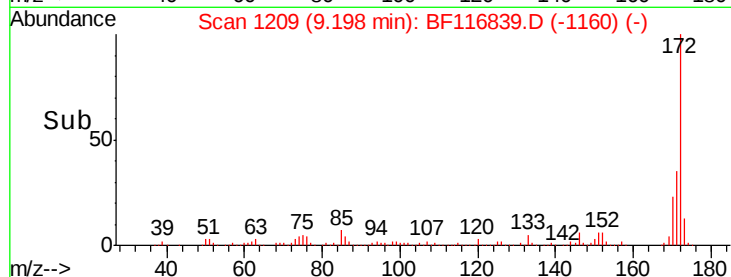
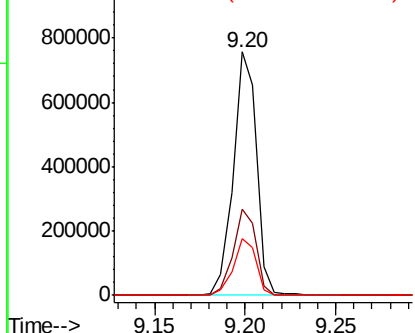


Abundance

Ion 172.00 (171.70 to 172.70): E

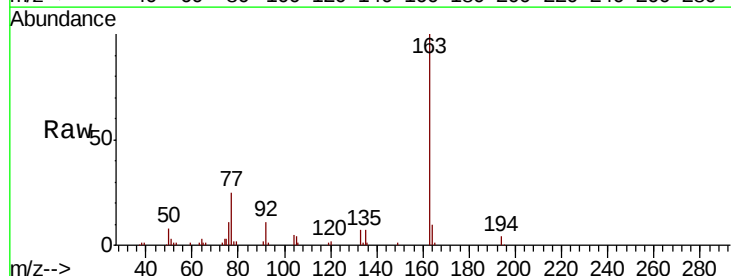
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 4.391 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116839.D
Acq: 5 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	10.1	8.6	12.8

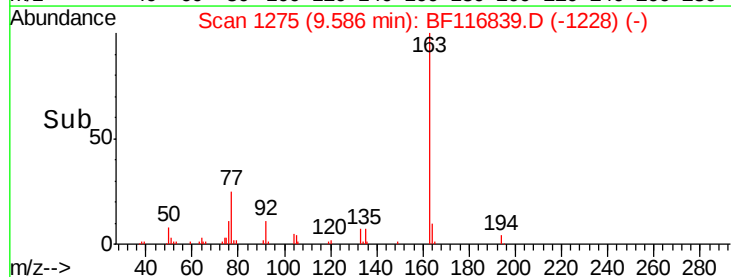
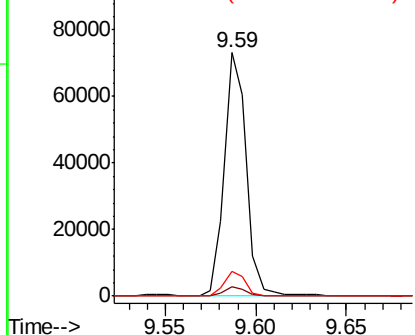


Abundance

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

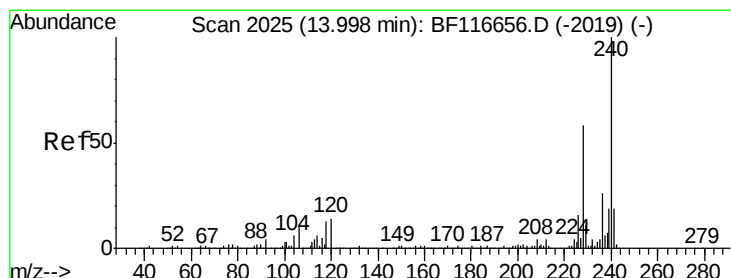
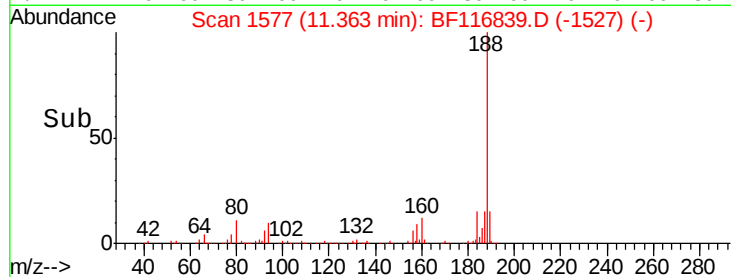
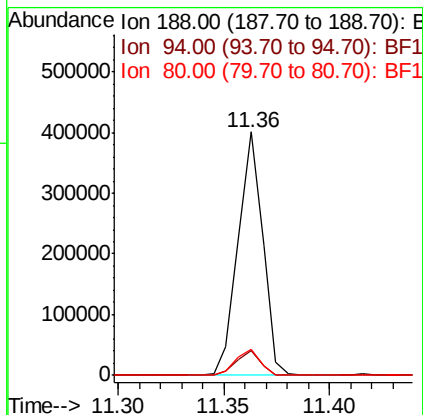
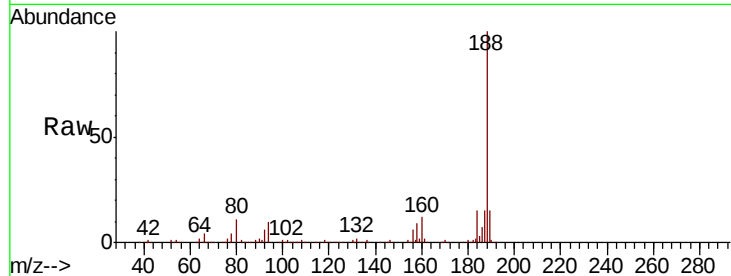




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116839.D
Acq: 5 Sep 2019 15:48

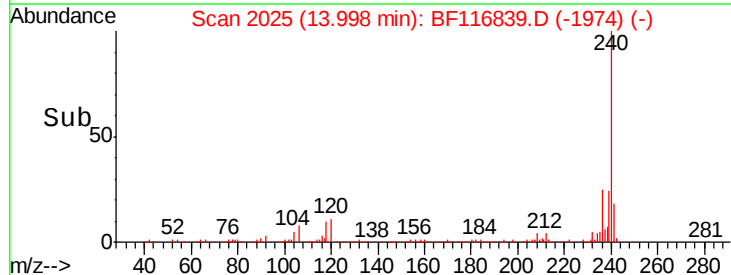
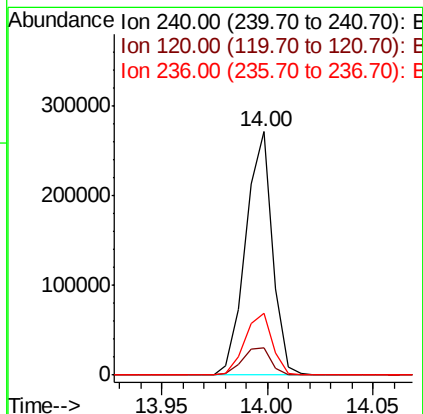
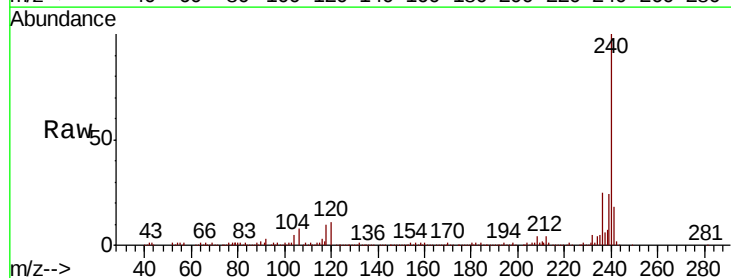
Instrument :
BNA_F
ClientSampled :
T2-3-(2-4)

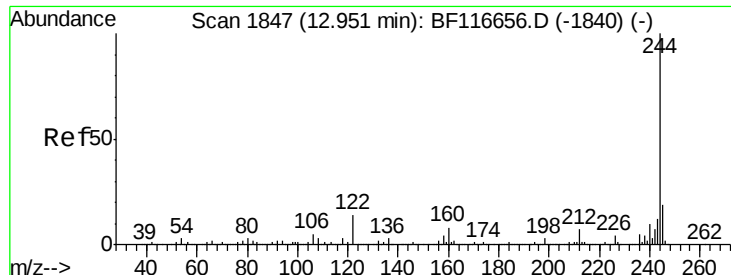
Tot Ion:188 Resp: 324146
Ion Ratio Lower Upper
188 100
94 9.9 7.3 10.9
80 10.6 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF116839.D
Acq: 5 Sep 2019 15:48

Tgt Ion:240 Resp: 238219
Ion Ratio Lower Upper
240 100
120 11.0 9.1 13.7
236 25.4 21.1 31.7





#79

Terphenyl-d14

Concen: 46.444 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116839.D

Acq: 5 Sep 2019 15:48

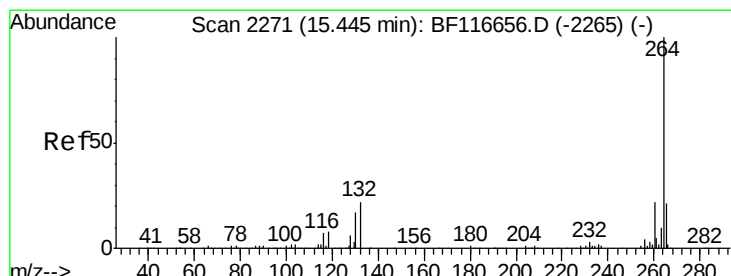
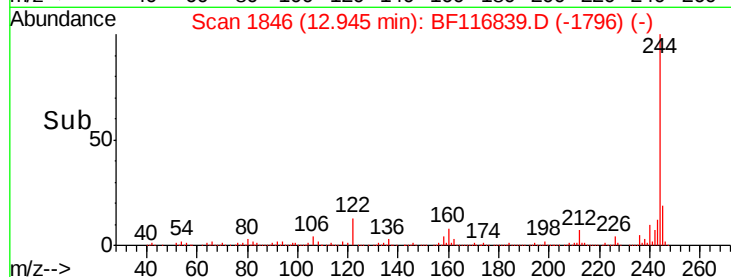
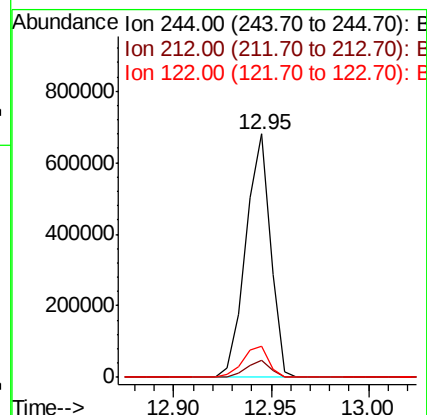
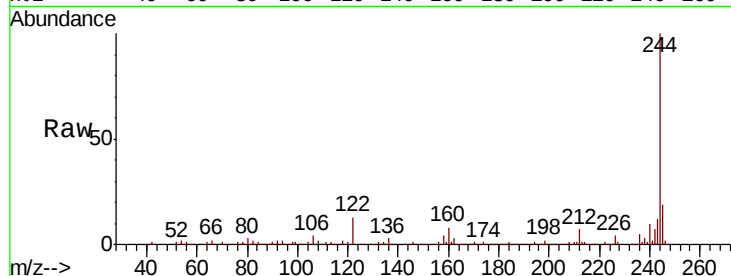
Instrument :

BNA_F

ClientSampleId :

T2-3-(2-4)

Tot Ion:244	Resp:	598062
Ion Ratio	Lower	Upper
244	100	
212	7.2	6.1 9.1
122	12.8	10.2 15.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF116839.D

Acq: 5 Sep 2019 15:48

Tgt Ion:264	Resp:	216819
Ion Ratio	Lower	Upper
264	100	
260	22.8	18.3 27.5
265	21.6	16.5 24.7

