

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF080919\
 Data File : BF116113.D
 Acq On : 9 Aug 2019 15:12
 Operator : HP/JU
 Sample : K4148-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-BH-2-ELU-20190611

Quant Time: Aug 17 05:18:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

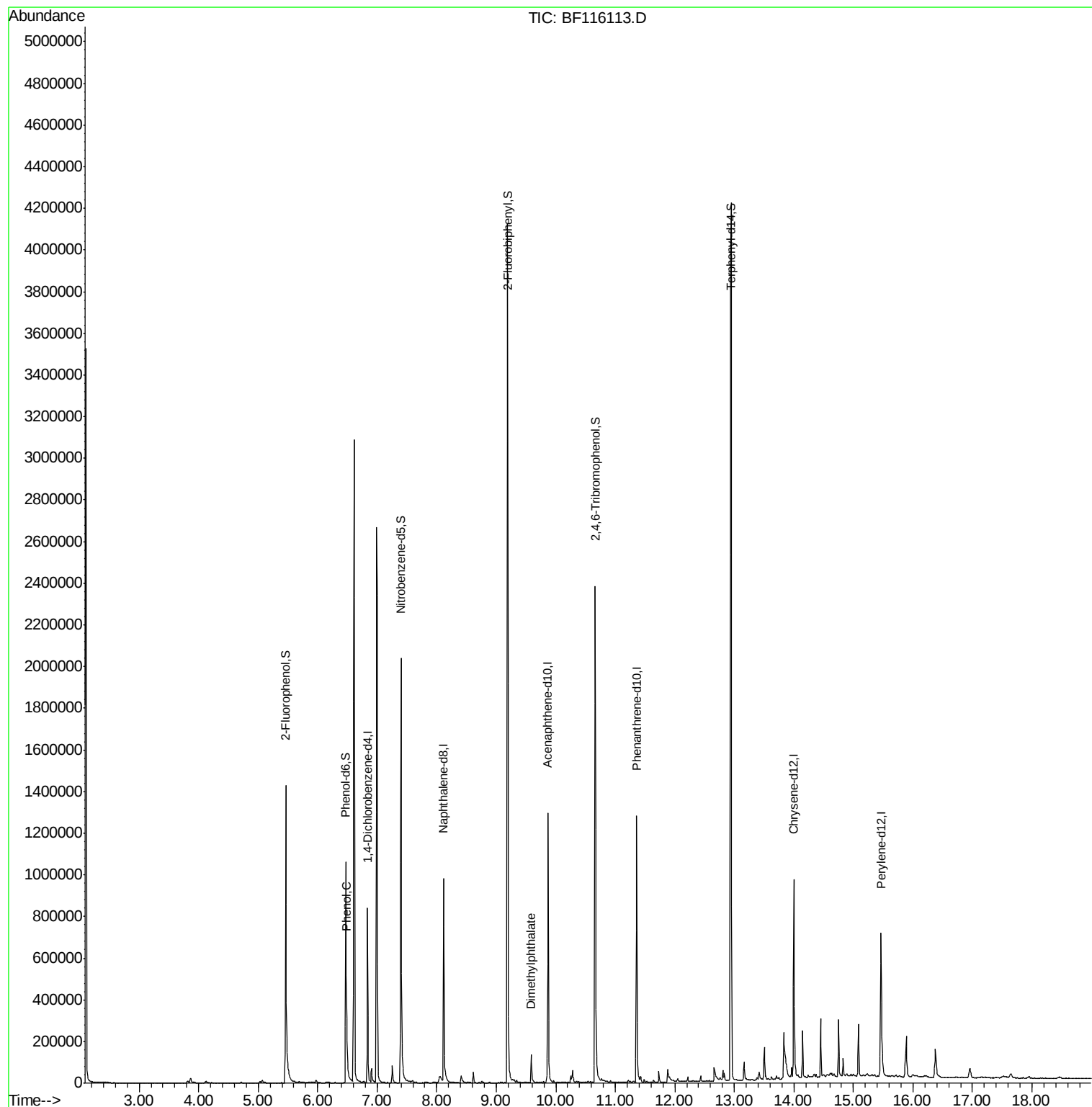
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	130496	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	510665	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	274894	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	500113	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	358234	20.00	ng	-0.01
87) Perylene-d12	15.47	264	300162	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	501910	64.39	ng	0.00
7) Phenol-d6	6.47	99	480720	48.88	ng	-0.01
23) Nitrobenzene-d5	7.40	82	826803	93.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	341238	128.04	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1333021	90.83	ng	-0.01
79) Terphenyl-d14	12.95	244	1647235	96.89	ng	0.00
Target Compounds						
10) Phenol	6.49	94	39801	3.437	ng	92
50) Dimethylphthalate	9.59	163	71831	3.838	ng	99

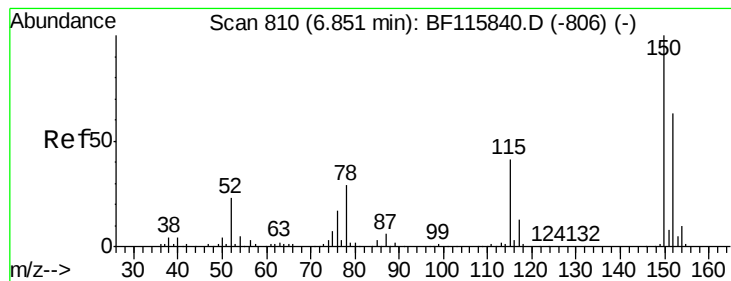
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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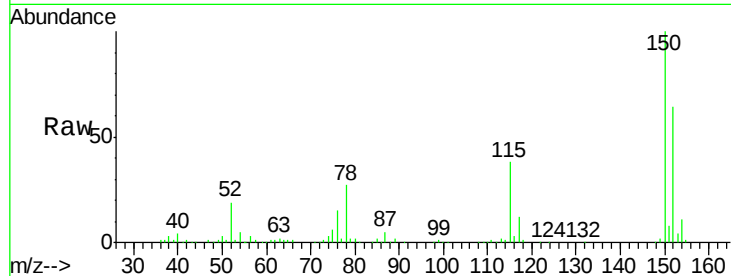


#1

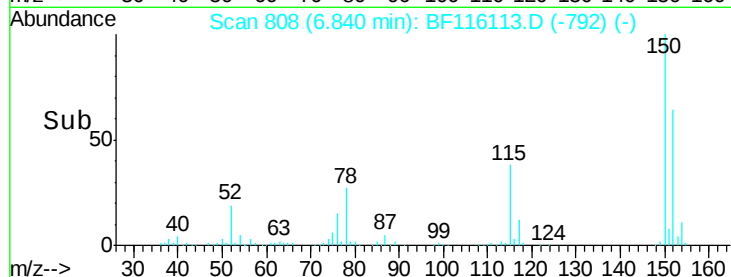
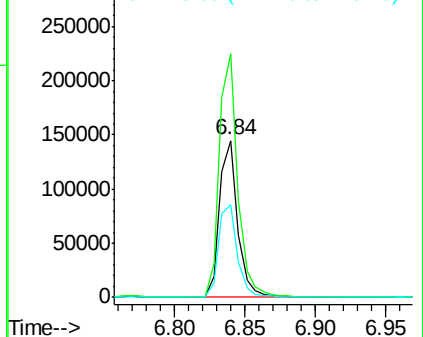
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116113.D
Acq: 9 Aug 2019 15:12

Instrument :
BNA_F
ClientSampleId :
COMP-BH-2-ELU-20190611

Tot Ion:152 Resp: 130496
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 59.4 49.9 74.9



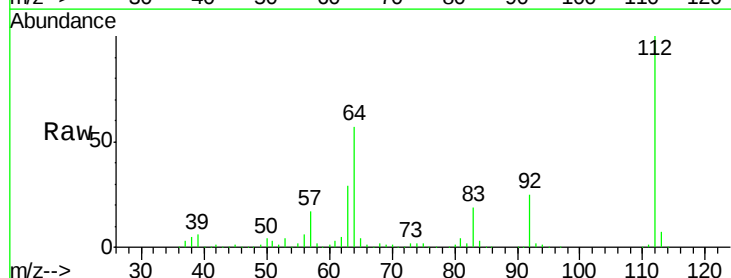
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



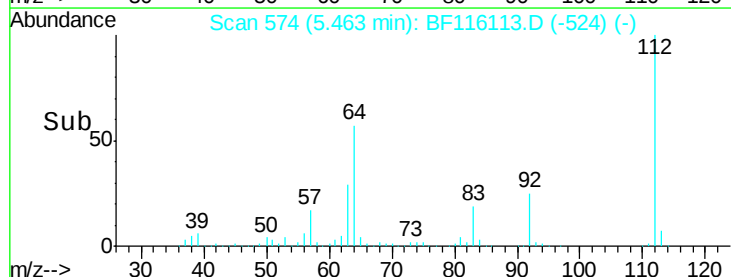
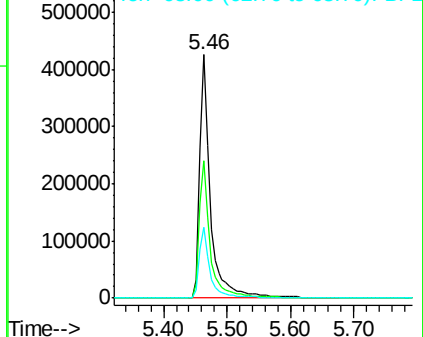
#5

2-Fluorophenol
Concen: 64.387 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116113.D
Acq: 9 Aug 2019 15:12

Tgt Ion:112 Resp: 501910
Ion Ratio Lower Upper
112 100
64 56.6 45.4 68.2
63 29.0 23.7 35.5



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: 48.879 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116113.D

Acq: 9 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

COMP-BH-2-ELU-20190611

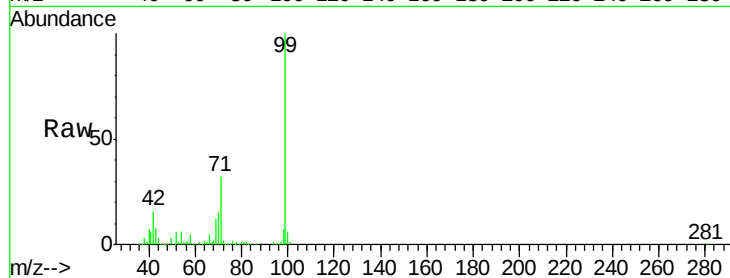
Tot Ion: 99 Resp: 480720

Ion Ratio Lower Upper

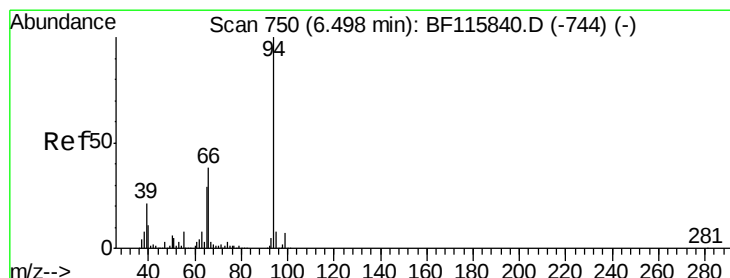
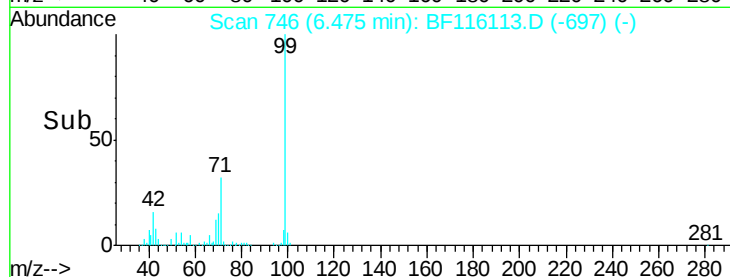
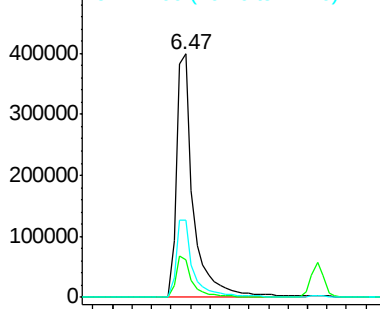
99 100

42 15.6 13.8 20.8

71 31.6 27.3 40.9



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: 3.437 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF116113.D

Acq: 9 Aug 2019 15:12

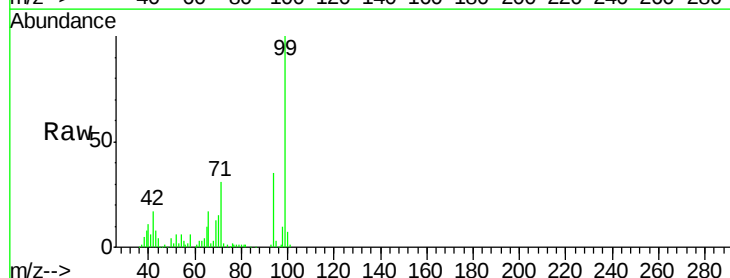
Tgt Ion: 94 Resp: 39801

Ion Ratio Lower Upper

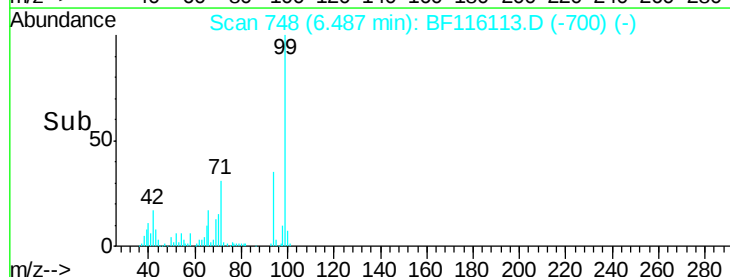
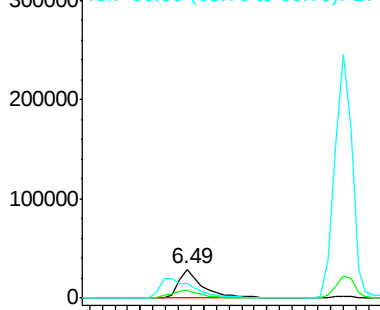
94 100

65 29.7 16.8 56.8

66 49.9 34.2 74.2



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116113.D

Acq: 9 Aug 2019 15:12

Instrument :

BNA_F

ClientSampleId :

COMP-BH-2-ELU-20190611

Tot Ion:136 Resp: 510665

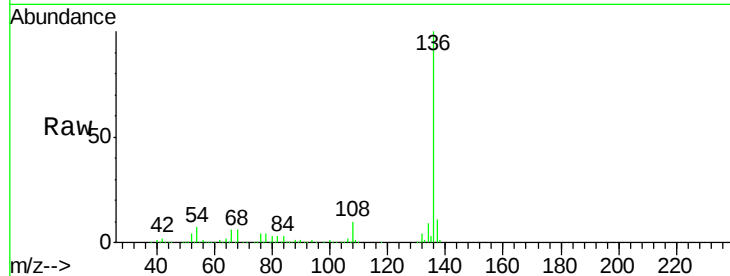
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.2 5.8 8.6

68 6.3 5.2 7.8

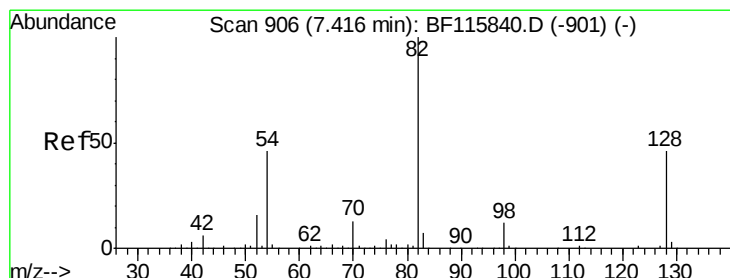
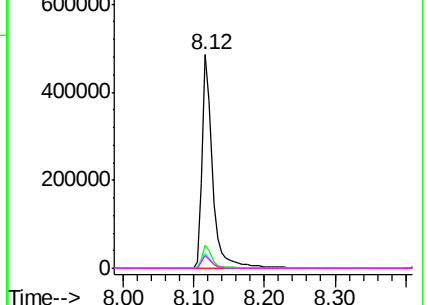
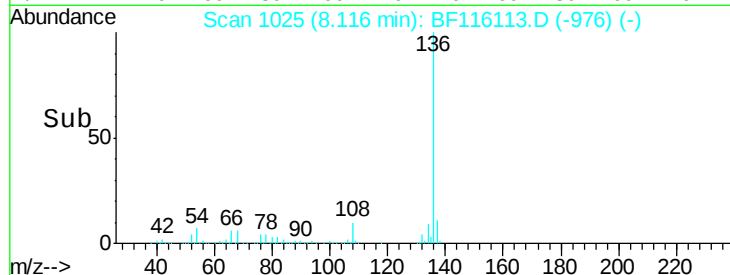


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.458 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116113.D

Acq: 9 Aug 2019 15:12

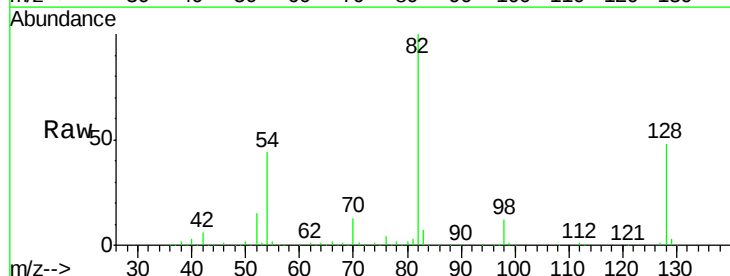
Tgt Ion: 82 Resp: 826803

Ion Ratio Lower Upper

82 100

128 47.7 36.5 54.7

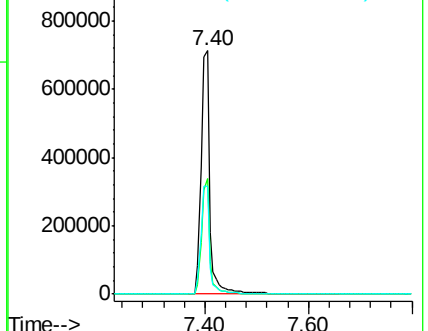
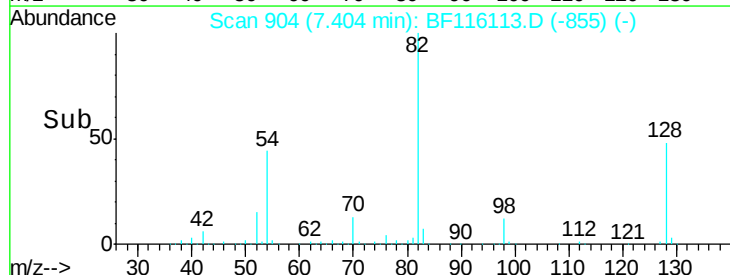
54 44.3 36.0 54.0

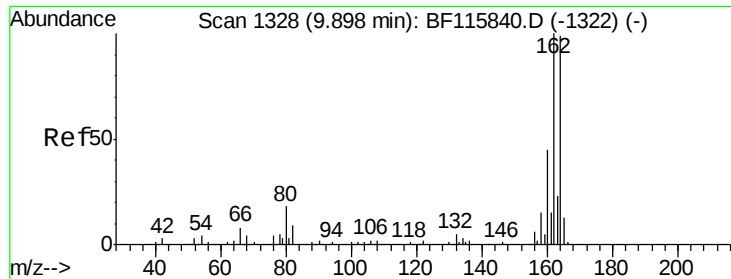


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

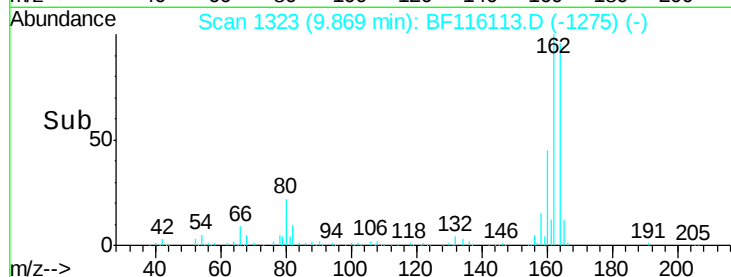
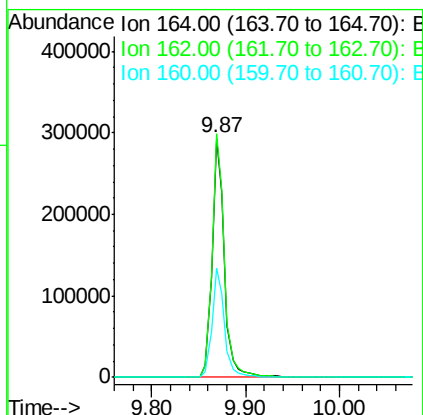
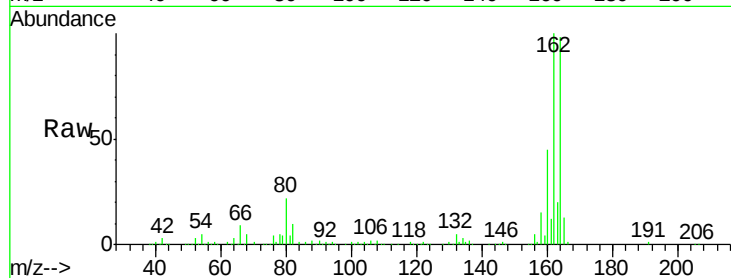




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116113.D
 Acq: 9 Aug 2019 15:12

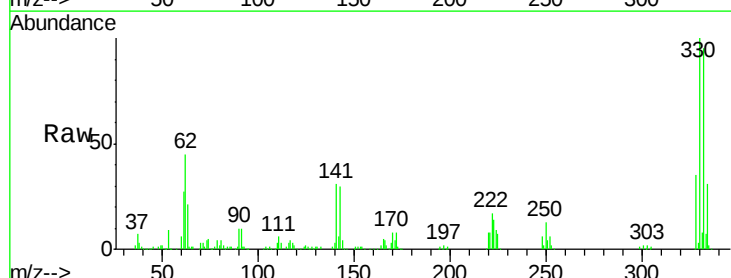
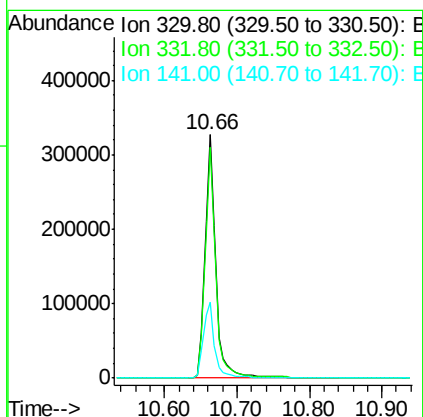
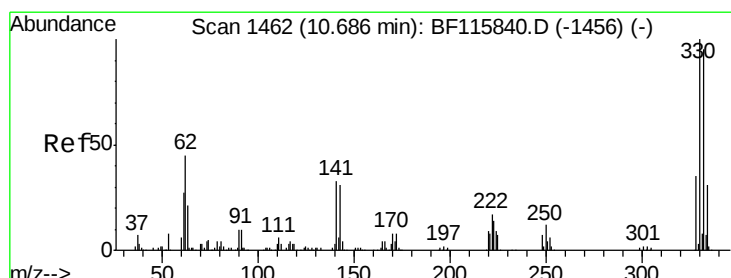
Instrument :
 BNA_F
 ClientSampleId :
 COMP-BH-2-ELU-20190611

Tot Ion:164 Resp: 274894
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.6 124.0
 160 45.9 37.6 56.4



#42
 2,4,6-Tribromophenol
 Concen: 128.036 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116113.D
 Acq: 9 Aug 2019 15:12

Tgt Ion:330 Resp: 341238
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.8 115.2
 141 32.9 26.3 39.5

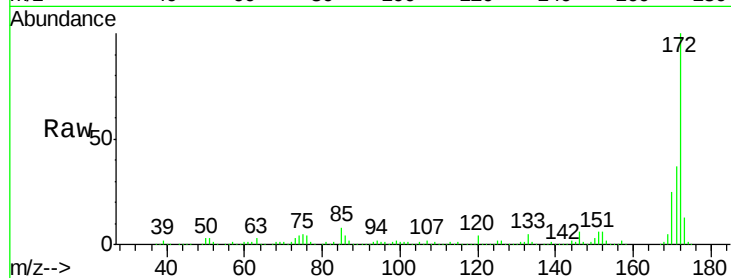




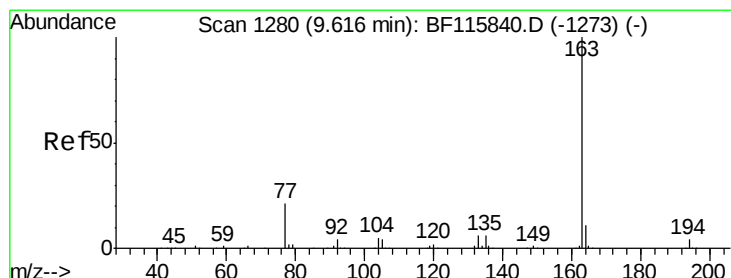
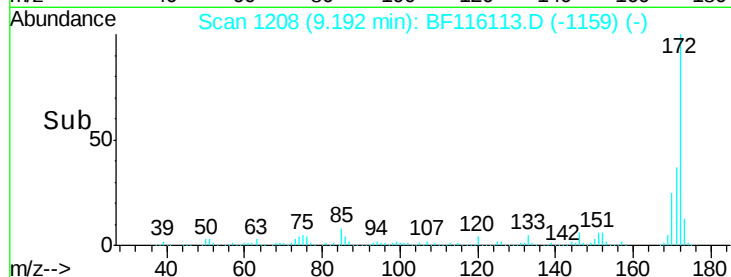
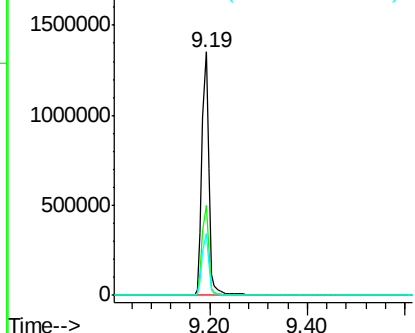
#45
2-Fluorobiphenyl
Concen: 90.829 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116113.D
Acq: 9 Aug 2019 15:12

Instrument :
BNA_F
ClientSampleId :
COMP-BH-2-ELU-20190611

Tot Ion:172 Resp: 1333021
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 25.2 20.1 30.1

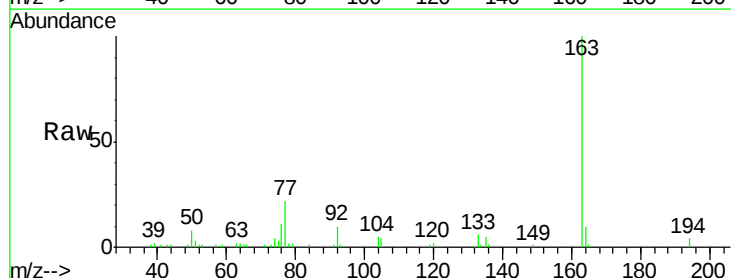


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

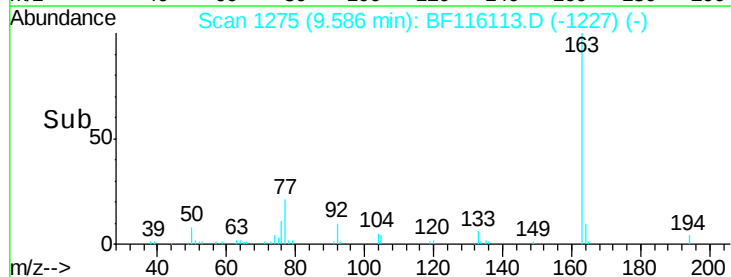
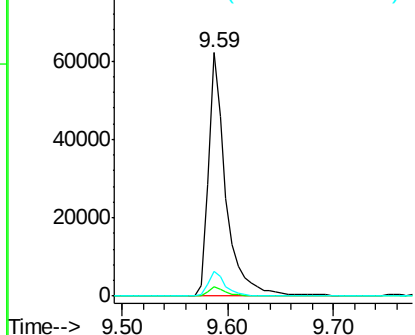


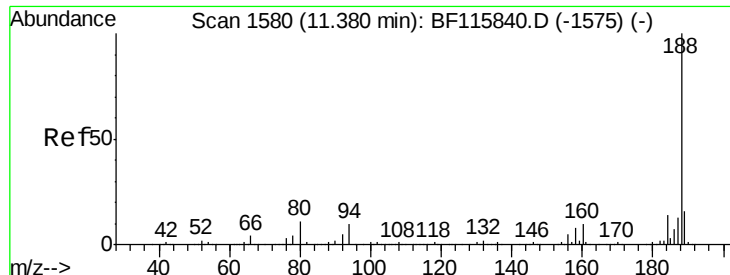
#50
Dimethylphthalate
Concen: 3.838 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116113.D
Acq: 9 Aug 2019 15:12

Tgt Ion:163 Resp: 71831
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.4 12.6



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

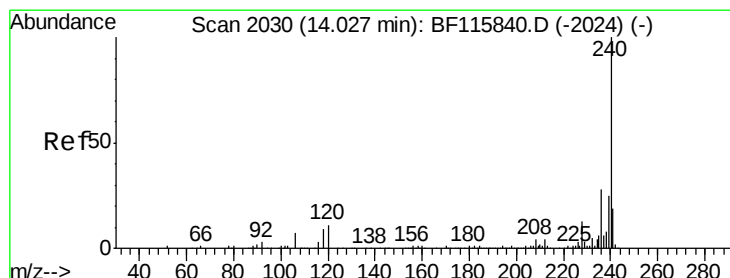
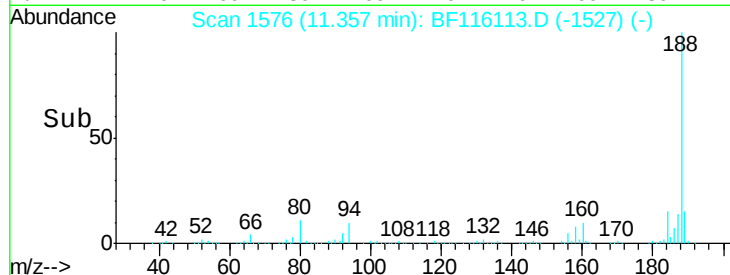
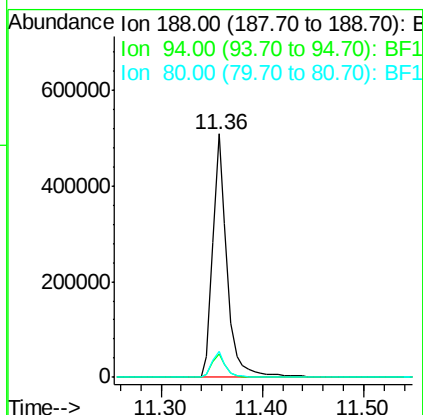
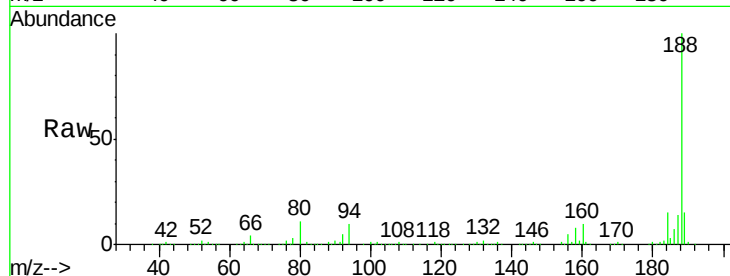




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116113.D
Acq: 9 Aug 2019 15:12

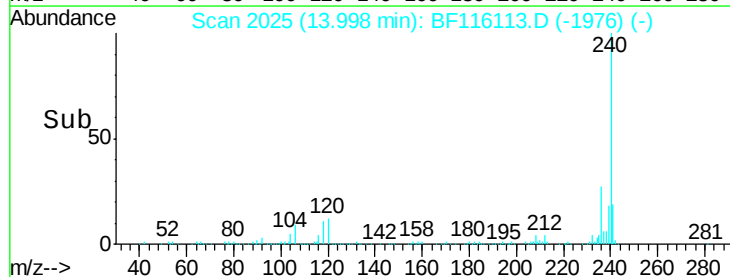
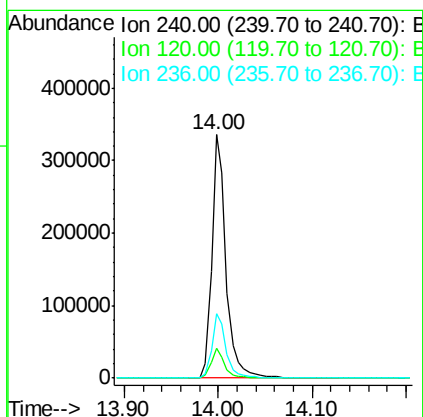
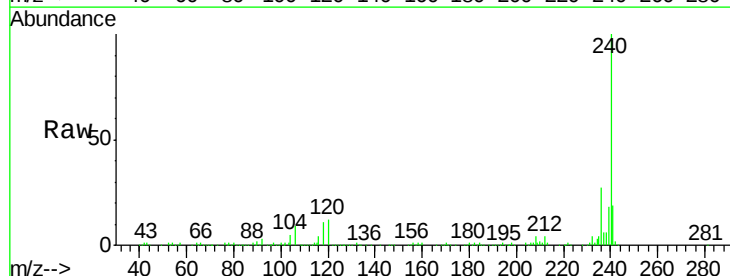
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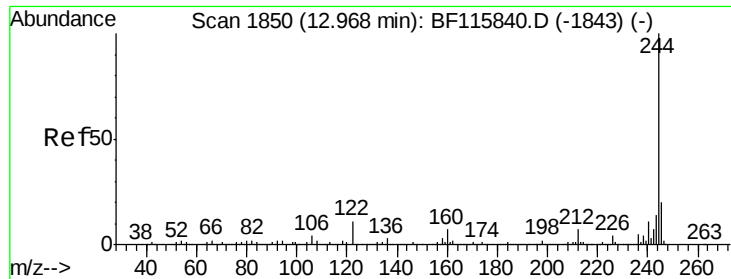
Tot Ion:188 Resp: 500113
Ion Ratio Lower Upper
188 100
94 9.8 8.1 12.1
80 10.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116113.D
Acq: 9 Aug 2019 15:12

Tgt Ion:240 Resp: 358234
Ion Ratio Lower Upper
240 100
120 12.2 10.7 16.1
236 26.6 22.2 33.2





#79

Terphenyl-d14

Concen: 96.892 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116113.D

Acq: 9 Aug 2019 15:12

Instrument :

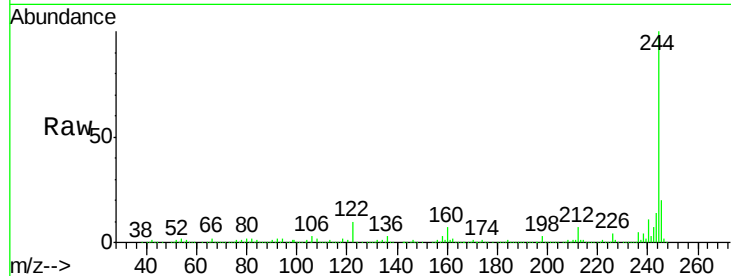
BNA_F

ClientSampleId :

COMP-BH-2-ELU-20190611

Tot Ion:244 Resp: 1647235

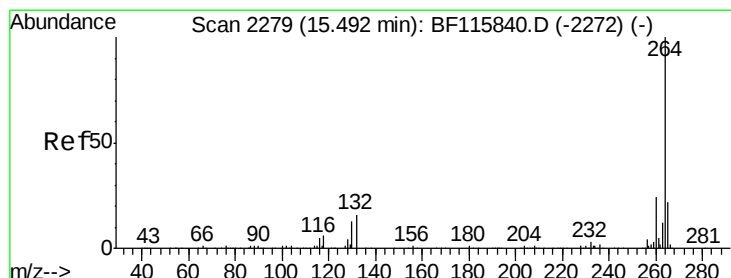
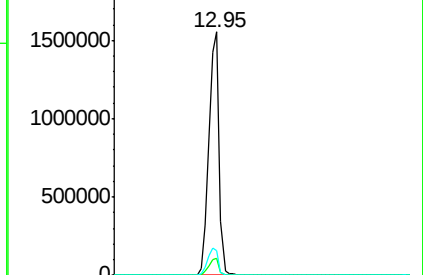
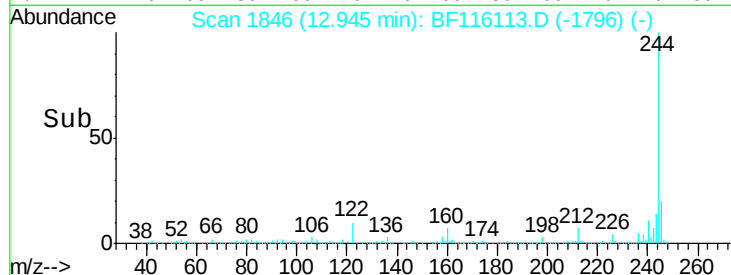
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.4	9.0	13.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

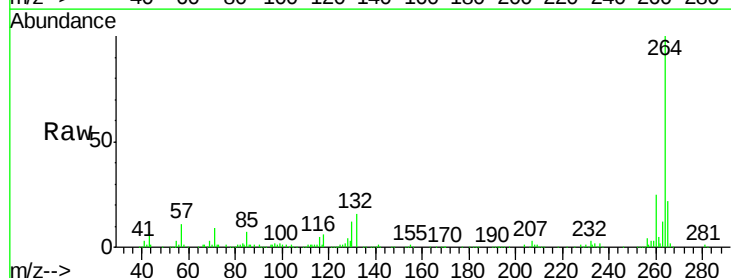
Delta R.T. -0.01 min

Lab File: BF116113.D

Acq: 9 Aug 2019 15:12

Tgt Ion:264 Resp: 300162

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	22.1	17.4	26.0



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

