

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116732.D
 Acq On : 1 Sep 2019 8:09
 Operator : HP/JU
 Sample : K4526-22
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-D-(0-1.9)

Quant Time: Sep 02 06:46:29 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

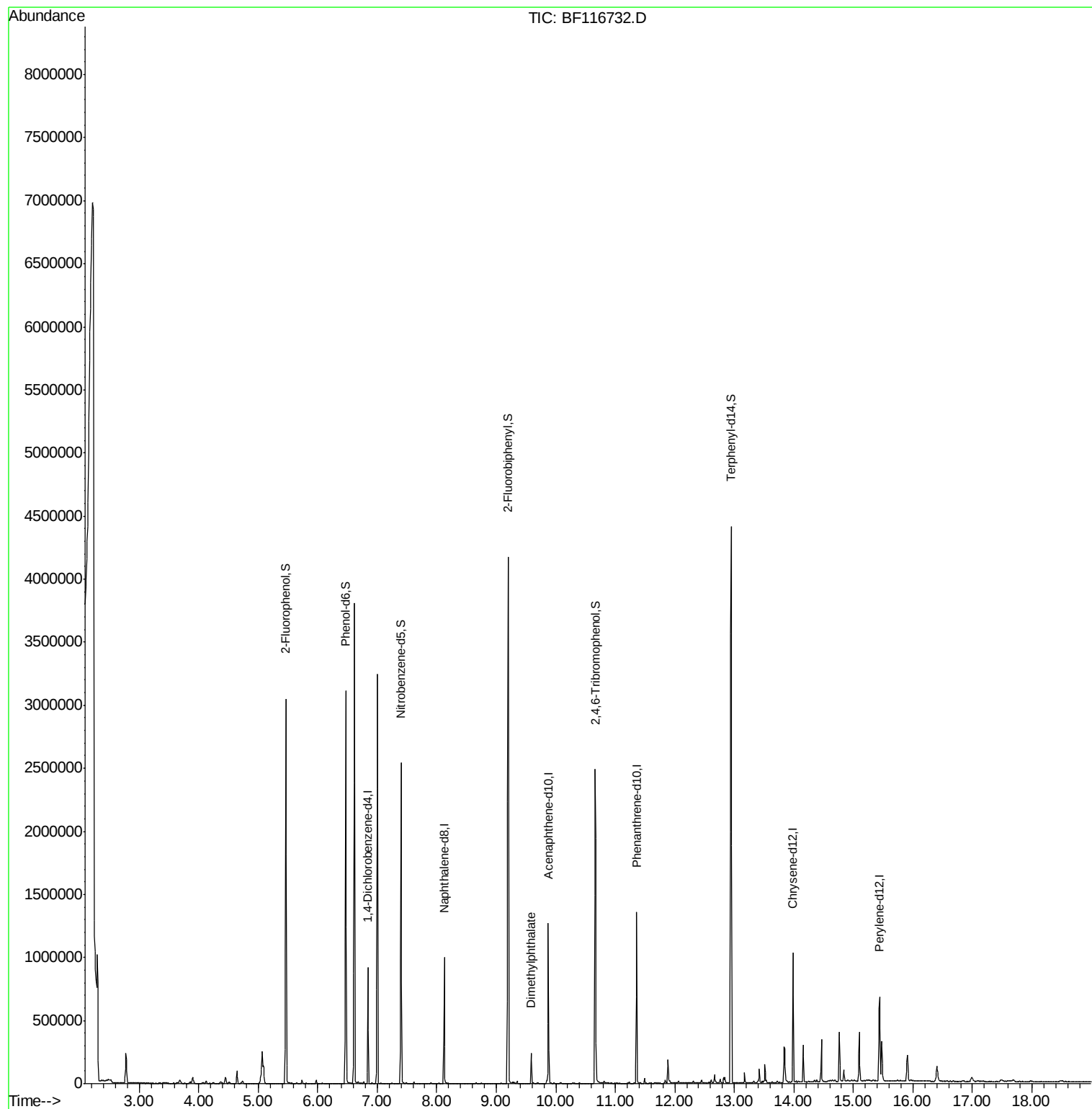
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121586	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	493005	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	259777	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	435812	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	299878	20.00	ng	-0.01
87) Perylene-d12	15.44	264	297943	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	907006	120.85	ng	0.00
7) Phenol-d6	6.47	99	1086756	110.28	ng	0.00
23) Nitrobenzene-d5	7.40	82	862488	99.87	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	281120	161.87	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1455725	94.53	ng	0.00
79) Terphenyl-d14	12.95	244	1522496	93.92	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	96379	5.374	ng	Qvalue 100

(#) = 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: BF116732.D

Acq: 1 Sep 2019 8:09

Instrument :

BNA_F

ClientSampleId :

T9-12-13-D-(0-1.9)

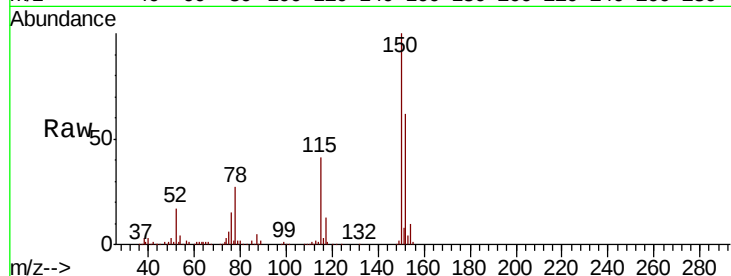
Tot Ion:152 Resp: 121586

Ion Ratio Lower Upper

152 100

150 161.4 124.4 186.6

115 65.5 49.9 74.9

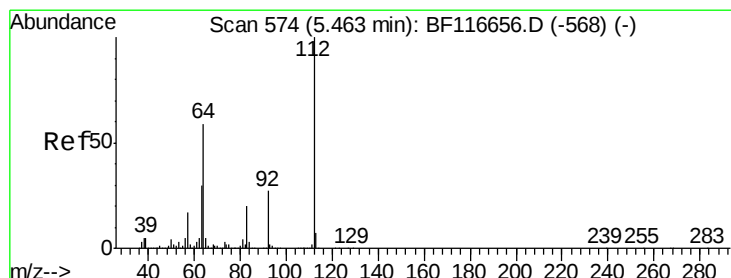
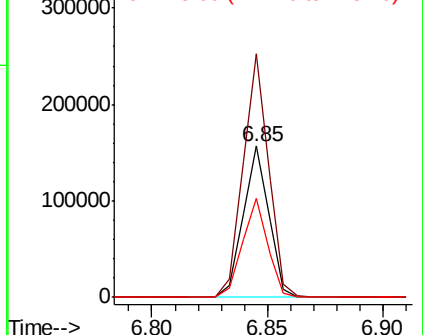
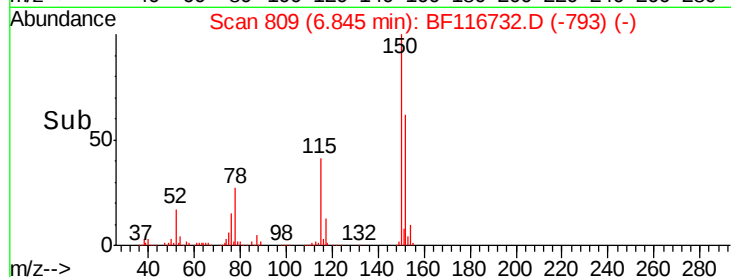


Abundance

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: 120.853 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116732.D

Acq: 1 Sep 2019 8:09

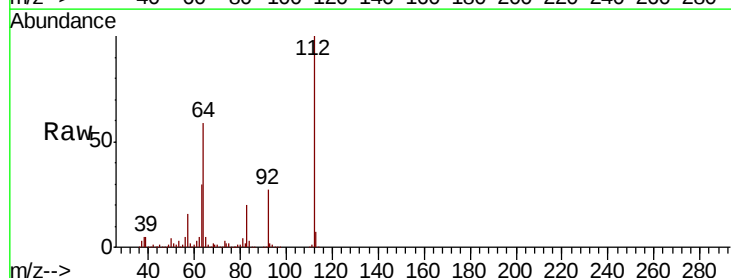
Tgt Ion:112 Resp: 907006

Ion Ratio Lower Upper

112 100

64 59.4 47.1 70.7

63 30.1 24.9 37.3

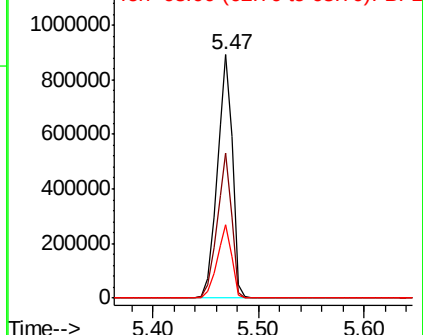
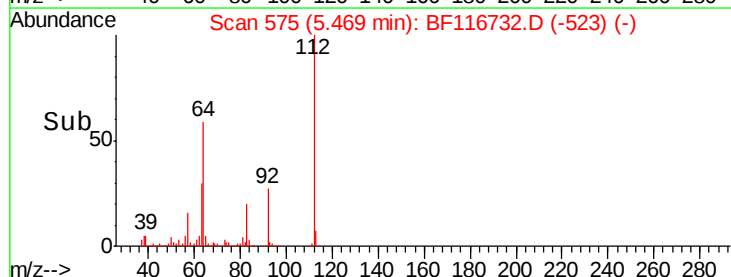


Abundance

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: 110.275 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116732.D

Acq: 1 Sep 2019 8:09

Instrument :

BNA_F

ClientSampleId :

T9-12-13-D-(0-1.9)

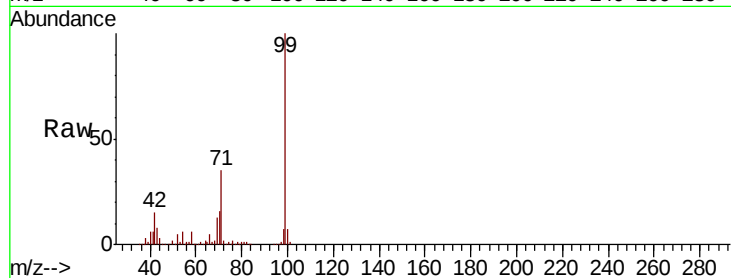
Tot Ion: 99 Resp: 1086756

Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.7	20.5
71	35.1	30.8	46.2

99 100

42 15.4 13.7 20.5

71 35.1 30.8 46.2

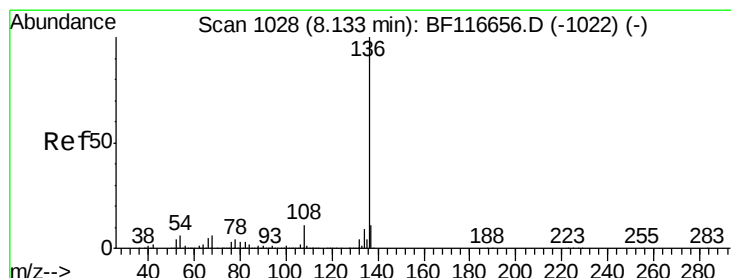
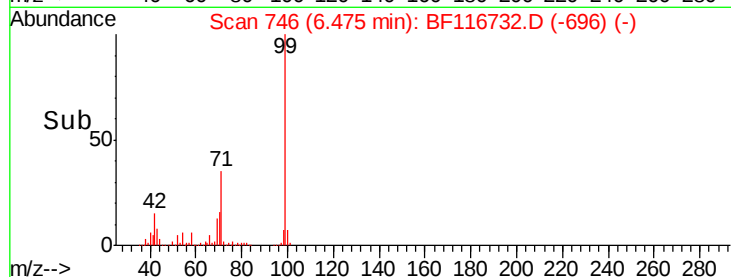
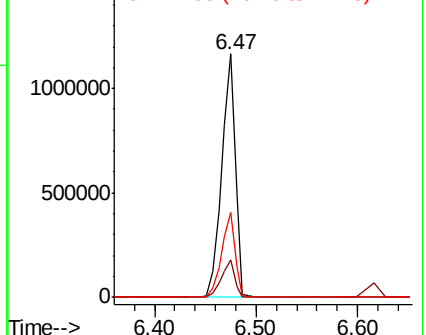


Abundance

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: BF116732.D

Acq: 1 Sep 2019 8:09

Tgt Ion: 136 Resp: 493005

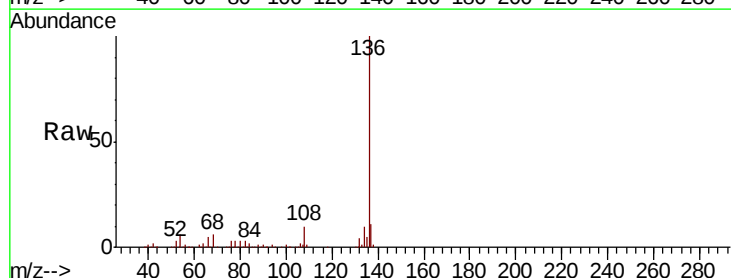
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	5.6	4.8	7.2
68	5.6	4.0	6.0

136 100

137 10.9 8.9 13.3

54 5.6 4.8 7.2

68 5.6 4.0 6.0



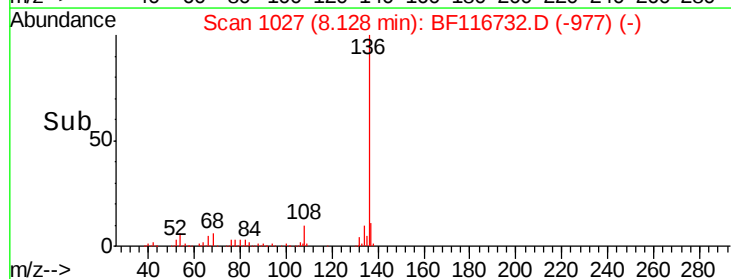
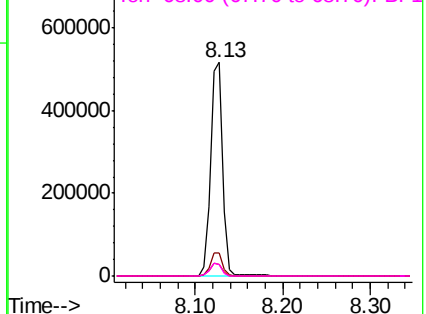
Abundance

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: 99.872 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116732.D

Acq: 1 Sep 2019 8:09

Instrument :

BNA_F

ClientSampleId :

T9-12-13-D-(0-1.9)

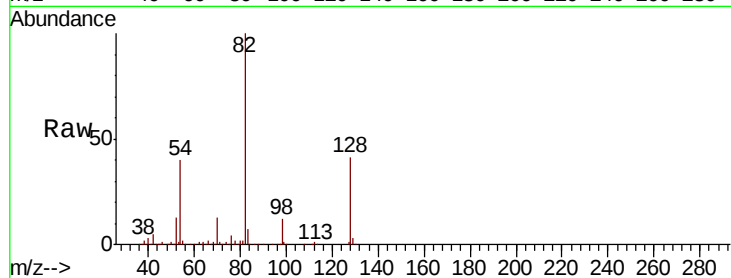
Tot Ion: 82 Resp: 862488

Ion Ratio Lower Upper

82 100

128 40.9 32.8 49.2

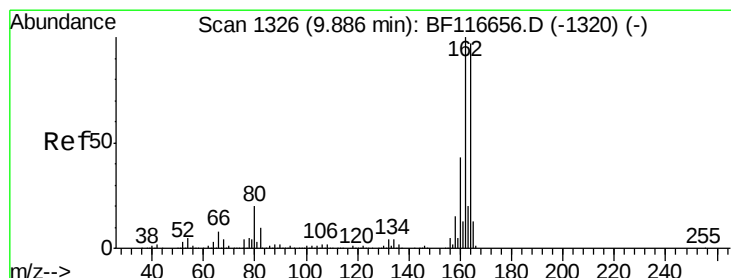
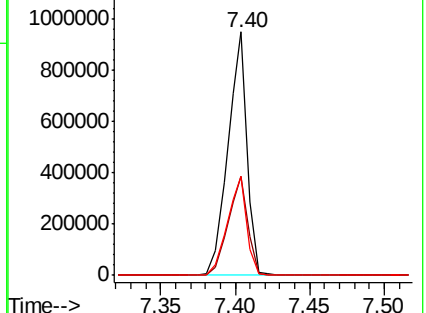
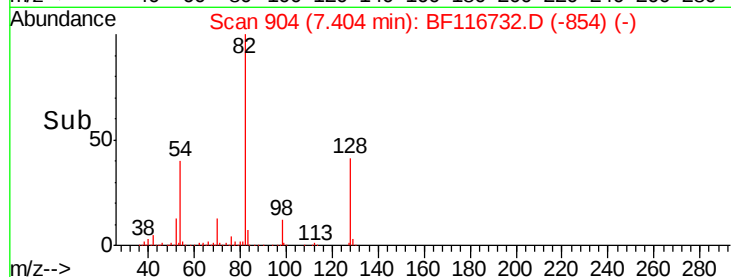
54 40.5 36.9 55.3



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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF116732.D

Acq: 1 Sep 2019 8:09

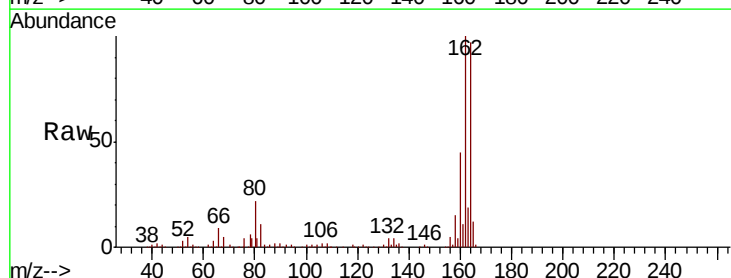
Tgt Ion: 164 Resp: 259777

Ion Ratio Lower Upper

164 100

162 102.9 81.4 122.0

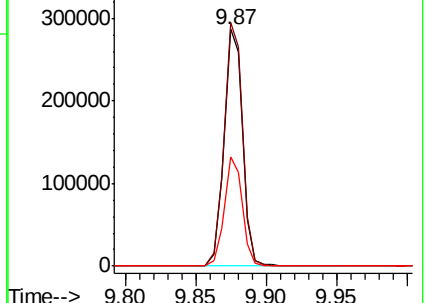
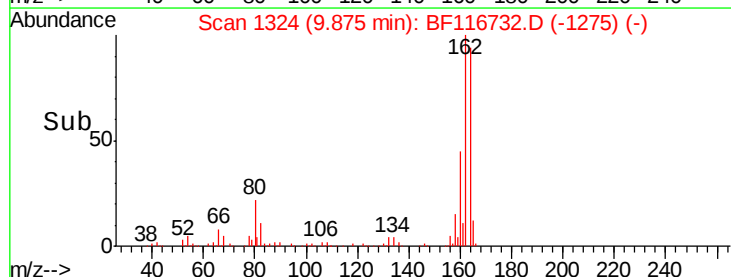
160 46.2 35.4 53.2



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

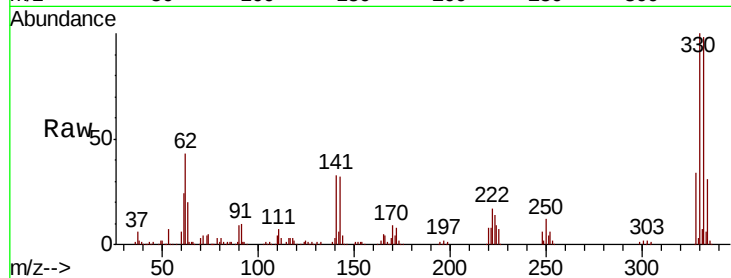




#42
 2,4,6-Tribromophenol
 Concen: 161.873 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116732.D
 Acq: 1 Sep 2019 8:09

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-D-(0-1.9)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.9	115.3
141	44.0	31.4	47.2

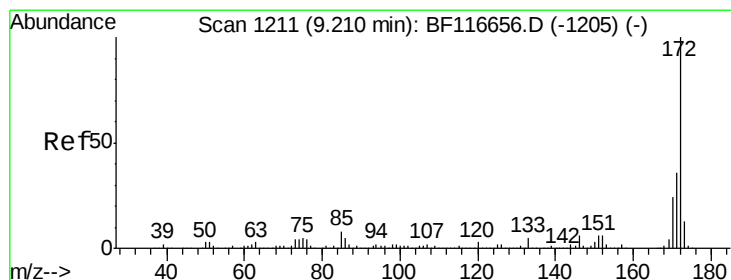
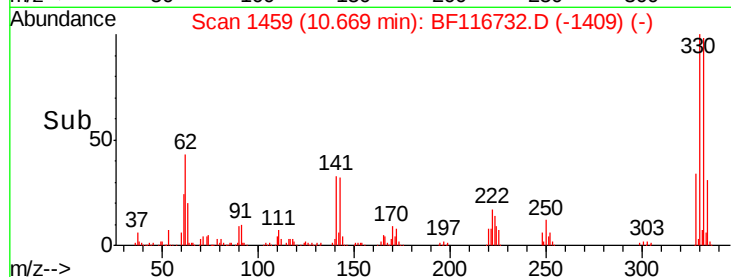
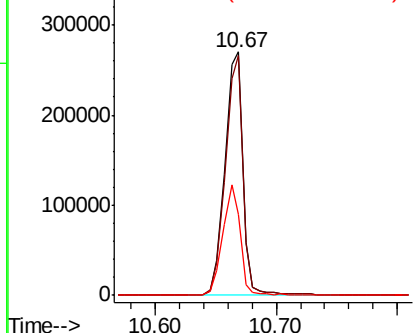


Abundance

Ion 329.80 (329.50 to 330.50): E

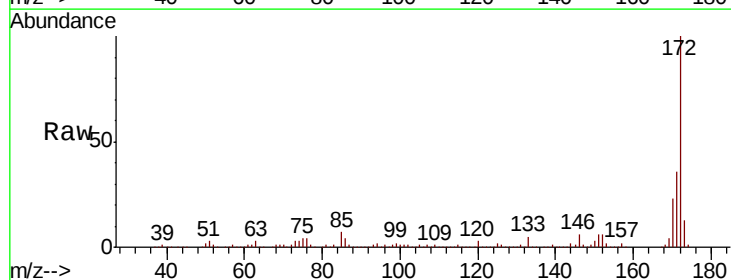
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.529 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF116732.D
 Acq: 1 Sep 2019 8:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.8	41.6
170	23.3	18.9	28.3

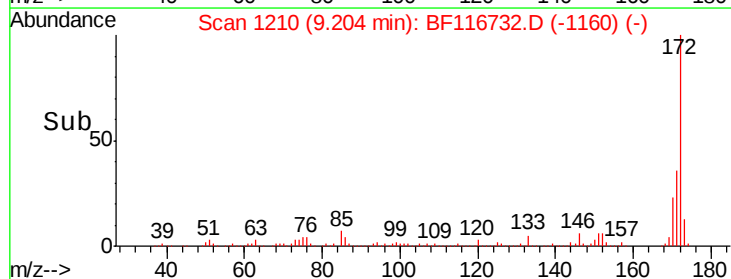
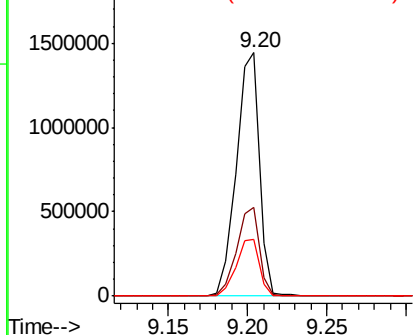


Abundance

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: 5.374 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116732.D

Acq: 1 Sep 2019 8:09

Instrument :

BNA_F

ClientSampleId :

T9-12-13-D-(0-1.9)

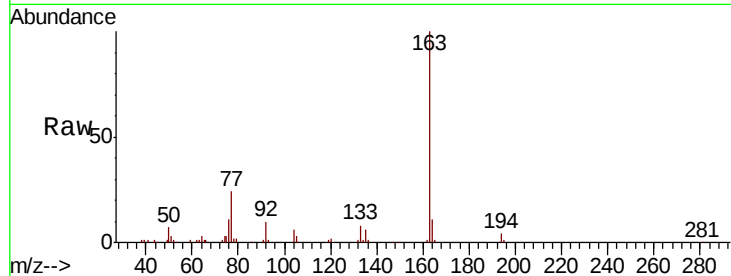
Tot Ion:163 Resp: 96379

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

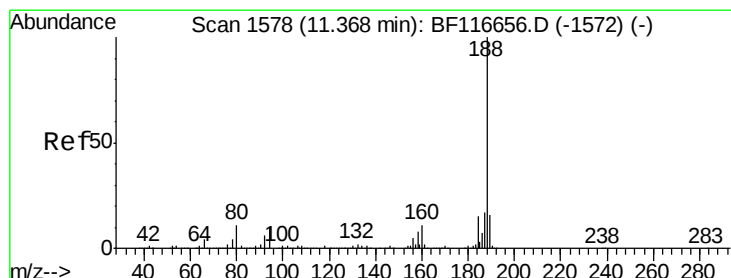
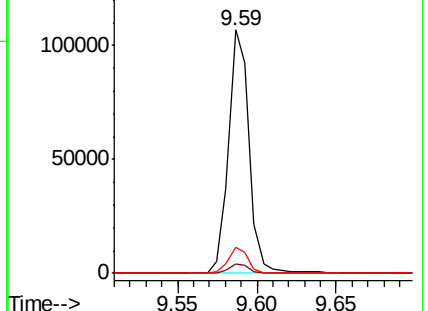
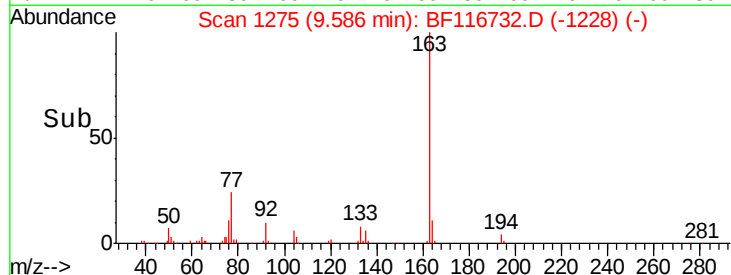
164 10.9 8.6 12.8



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# 1576

Delta R.T. -0.01 min

Lab File: BF116732.D

Acq: 1 Sep 2019 8:09

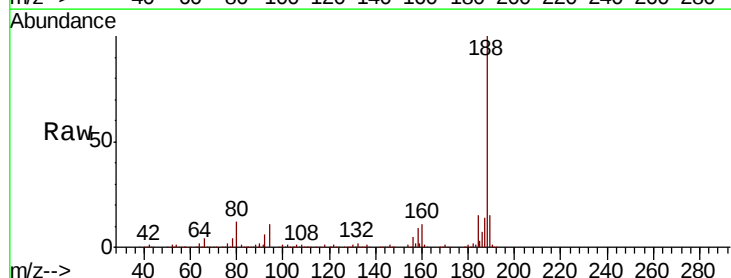
Tgt Ion:188 Resp: 435812

Ion Ratio Lower Upper

188 100

94 11.4 7.3 10.9#

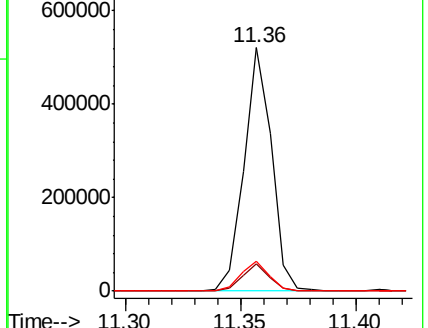
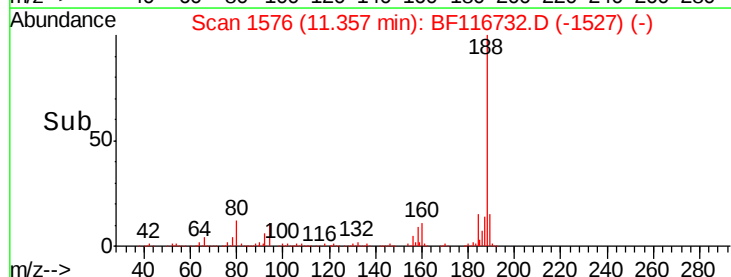
80 12.2 8.4 12.6

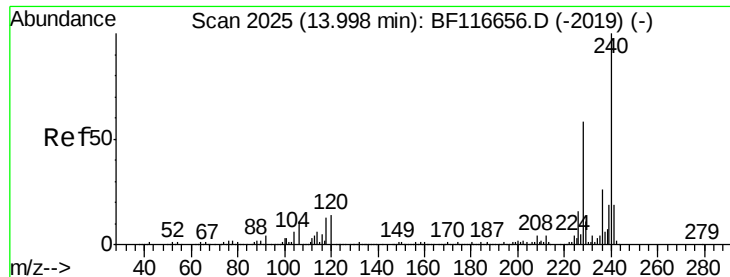


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

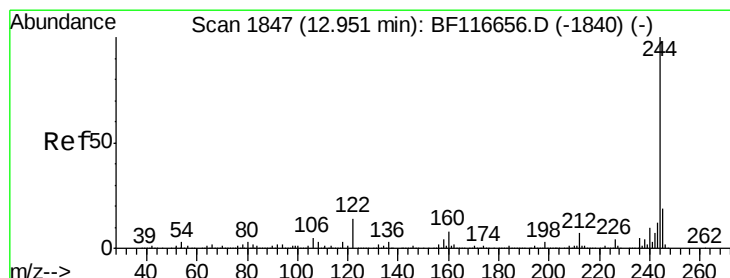
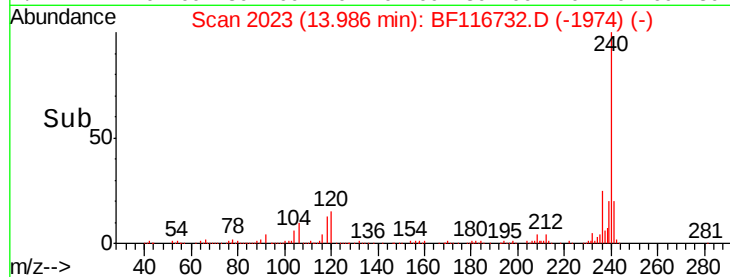
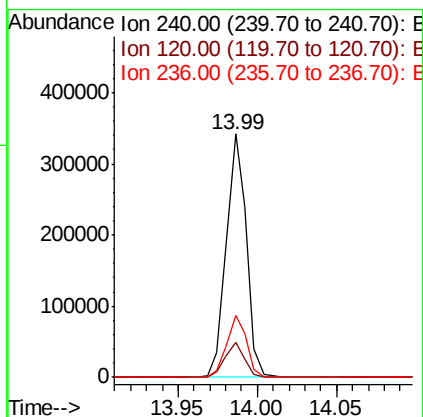
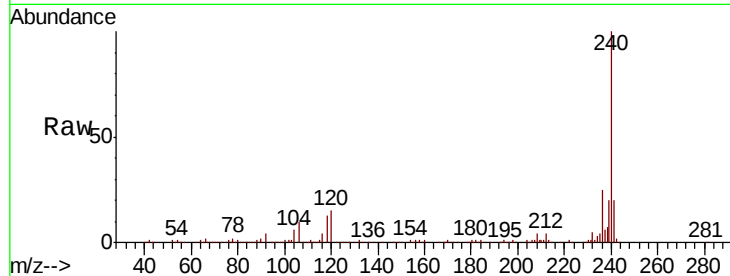




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116732.D
Acq: 1 Sep 2019 8:09

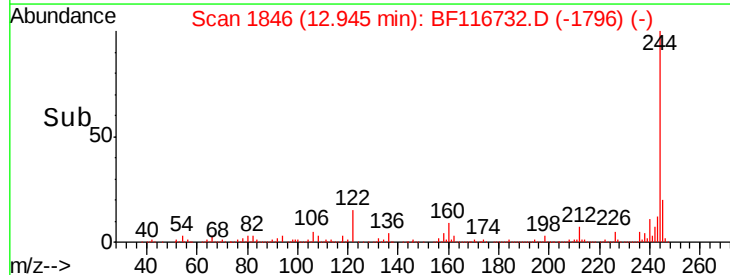
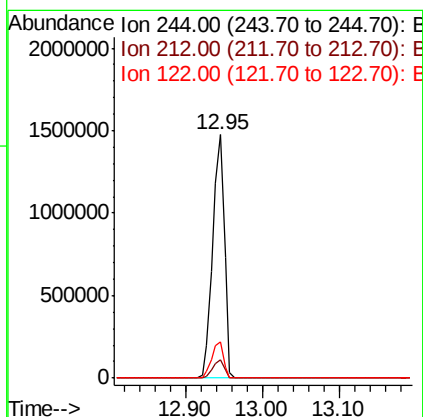
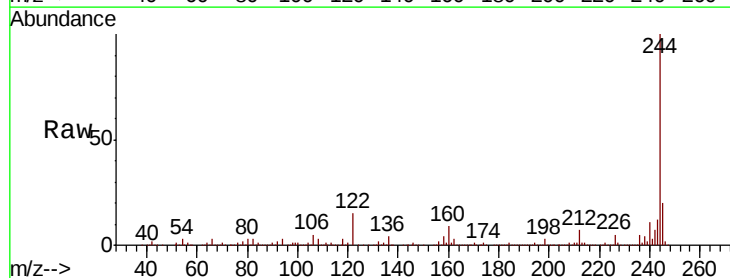
Instrument :
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T9-12-13-D-(0-1.9)

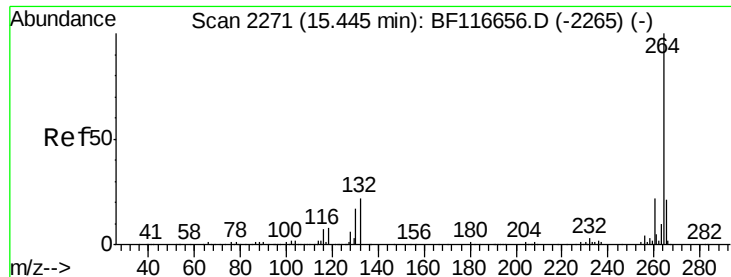
Tot Ion:240 Resp: 299878
Ion Ratio Lower Upper
240 100
120 14.6 9.1 13.7#
236 25.2 21.1 31.7



#79
Terphenyl-d14
Concen: 93.923 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116732.D
Acq: 1 Sep 2019 8:09

Tgt Ion:244 Resp: 1522496
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 14.9 10.2 15.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116732.D
Acq: 1 Sep 2019 8:09

Instrument :
BNA_F
ClientSampleId :
T9-12-13-D-(0-1.9)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	20.9	16.5	24.7

