

Data File : BF116045.D
Acq On : 7 Aug 2019 12:47
Operator : HP/JU
Sample : K4154-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PS-7

Quant Time: Aug 08 07:41:12 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	129525	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	515866	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	274268	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	487397	20.00	ng	0.00
76) Chrysene-d12	14.00	240	310916	20.00	ng	0.00
87) Perylene-d12	15.47	264	295242	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	789420	102.03	ng	0.00
7) Phenol-d6	6.48	99	1028158	105.32	ng	0.00
23) Nitrobenzene-d5	7.40	82	585005	65.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	175676	66.07	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	896502	61.23	ng	0.00
79) Terphenyl-d14	12.94	244	910472	61.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	79934	13.214	ng	# 79
25) Isophorone	7.40	82	584996	34.233	ng	# 65
50) Dimethylphthalate	9.59	163	300181	16.074	ng	# 99
57) 2,4-Dinitrotoluene	9.87	165	34764	6.434	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	10673	2.046	ng	# 1

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

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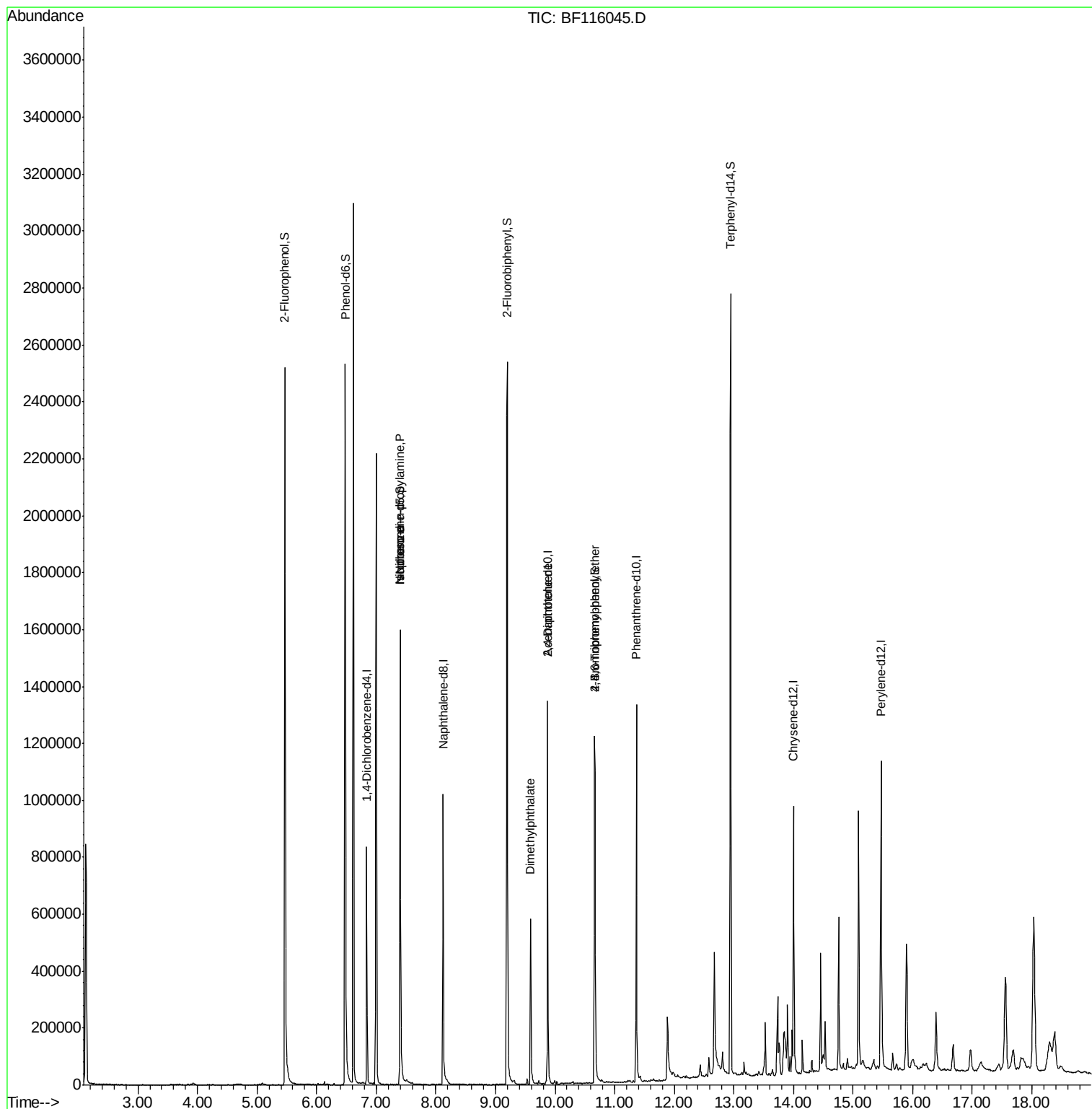
Quant Time: Aug 08 07:41:12 2019

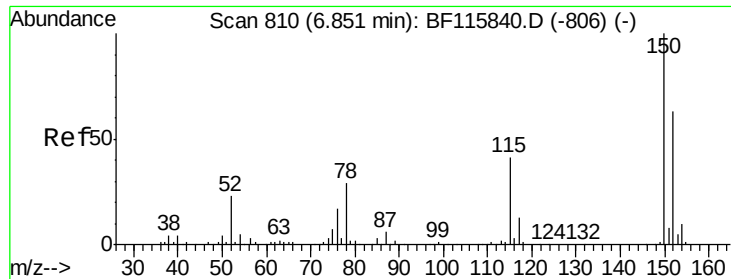
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M

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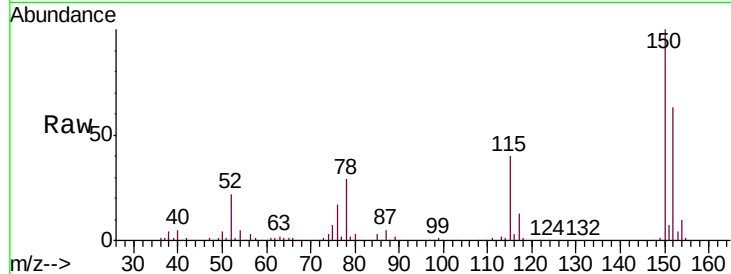


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116045.D
 Acq: 7 Aug 2019 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PS-7

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	63.2	49.9	74.9

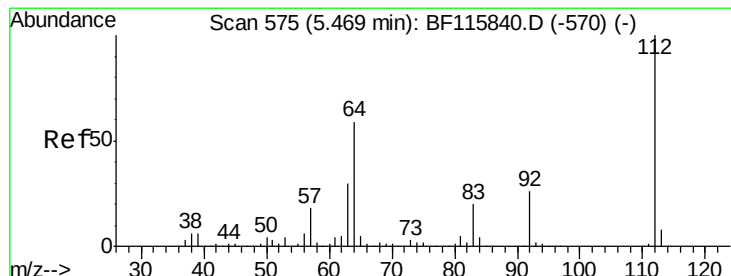
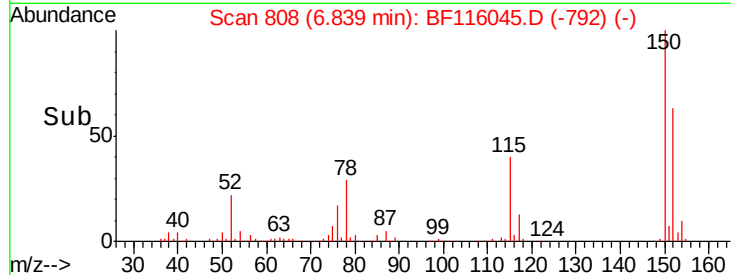
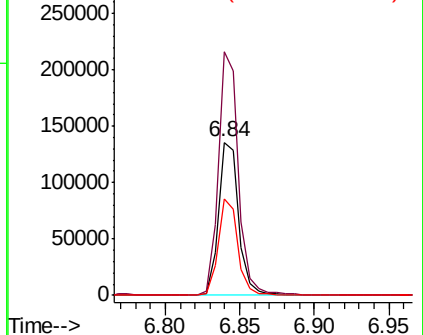


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

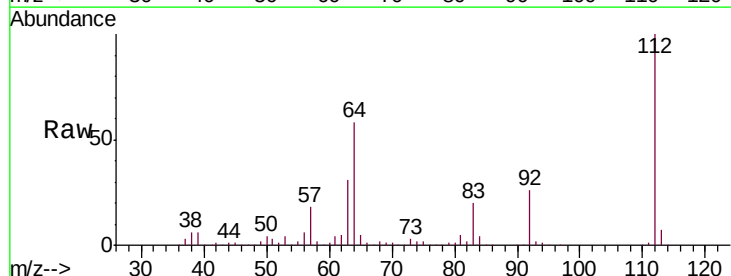
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 102.030 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF116045.D
 Acq: 7 Aug 2019 12:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	45.4	68.2
63	31.0	23.7	35.5

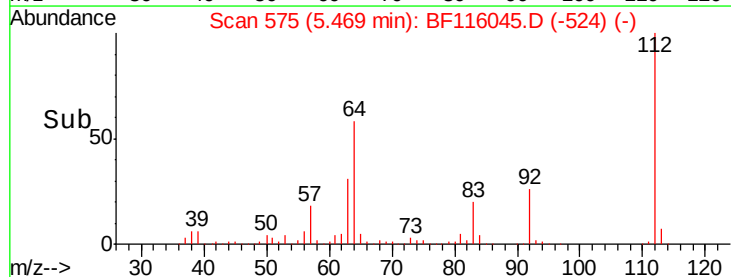
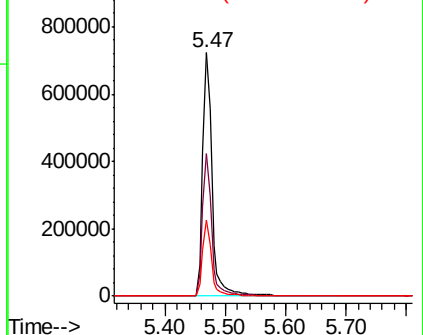


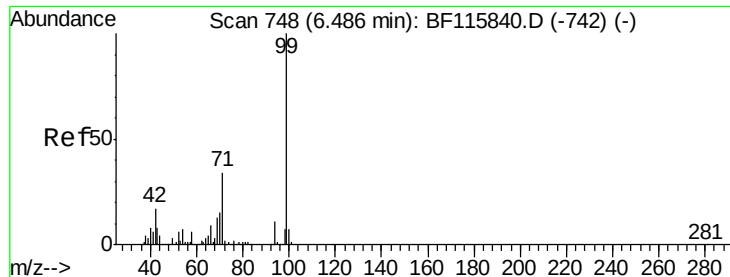
Abundance

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: 105.325 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116045.D

Acq: 7 Aug 2019 12:47

Instrument :

BNA_F

ClientSampleId :

PS-7

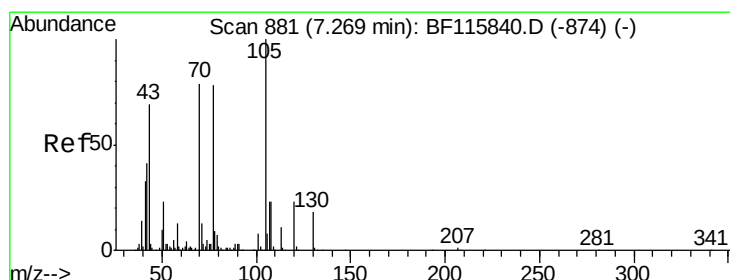
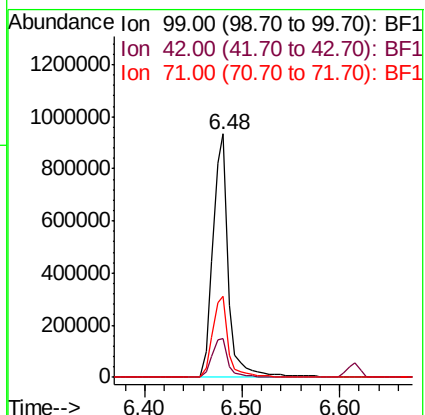
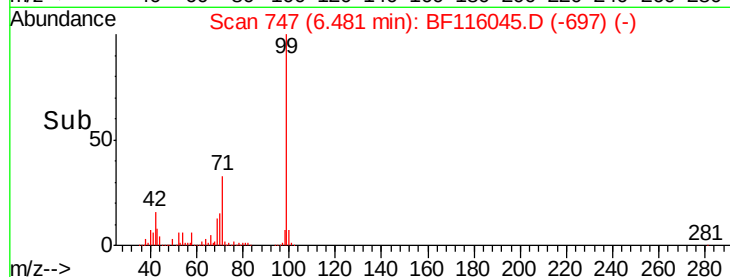
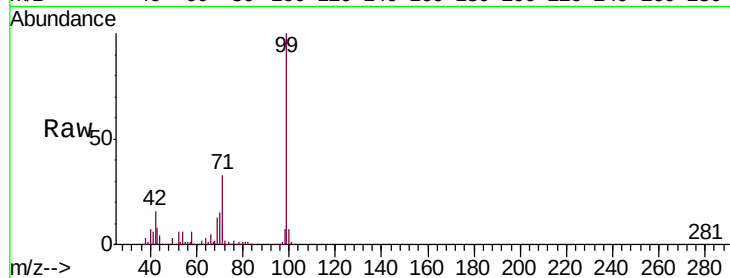
Tgt Ion: 99 Resp: 1028158

Ion Ratio Lower Upper

99 100

42 16.2 13.8 20.8

71 33.5 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 13.214 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF116045.D

Acq: 7 Aug 2019 12:47

Tgt Ion: 70 Resp: 79934

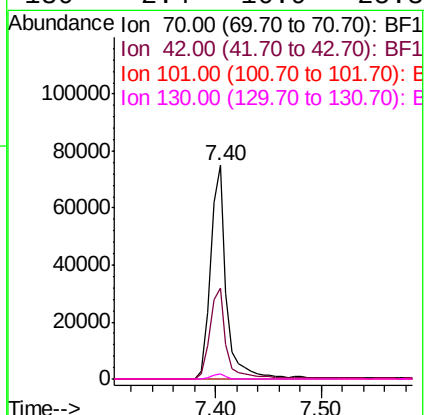
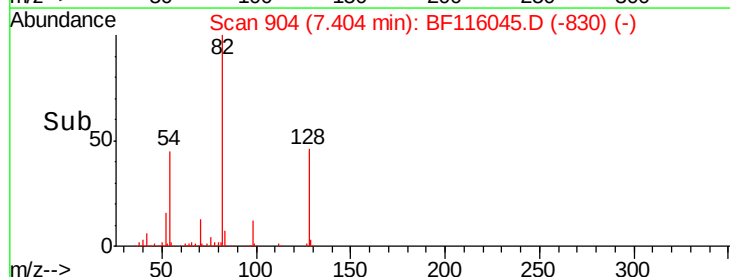
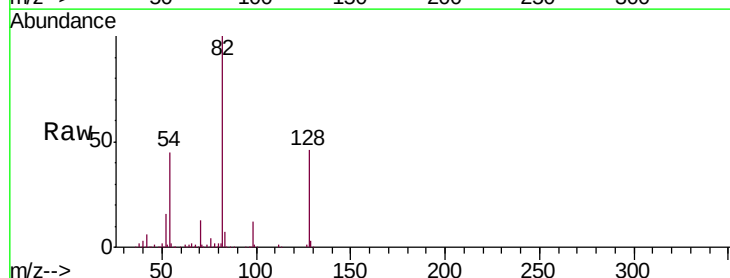
Ion Ratio Lower Upper

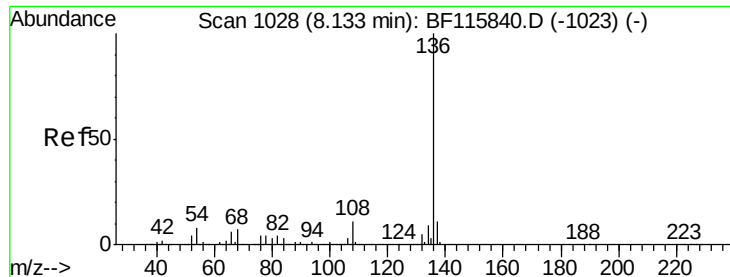
70 100

42 42.8 40.9 61.3

101 0.0 7.9 11.9#

130 2.4 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF116045.D

Acq: 7 Aug 2019 12:47

Instrument :

BNA_F

ClientSampleId :

PS-7

Tgt Ion:136 Resp: 515866

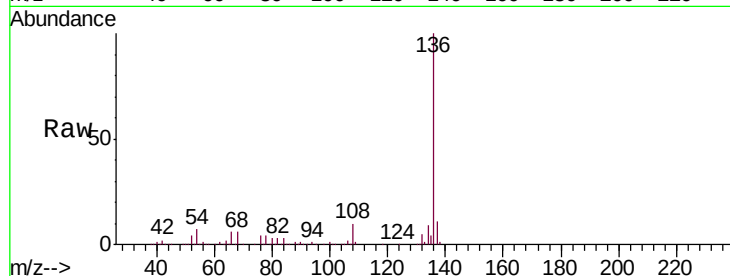
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.1 5.8 8.6

68 6.4 5.2 7.8

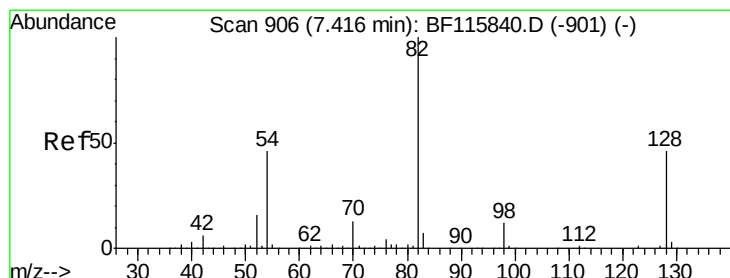
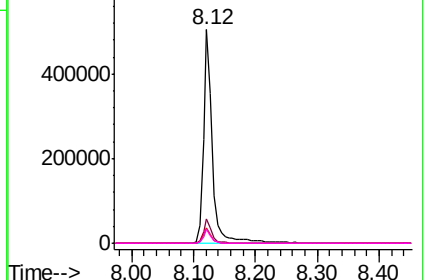
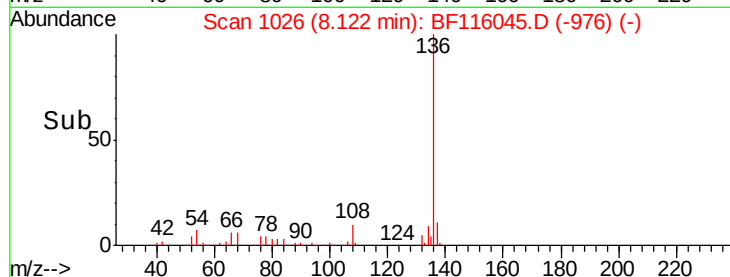


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.459 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF116045.D

Acq: 7 Aug 2019 12:47

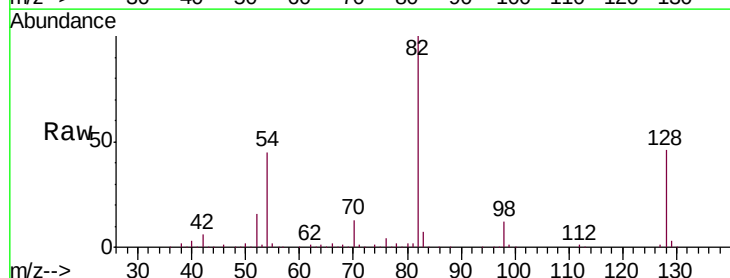
Tgt Ion: 82 Resp: 585005

Ion Ratio Lower Upper

82 100

128 46.0 36.5 54.7

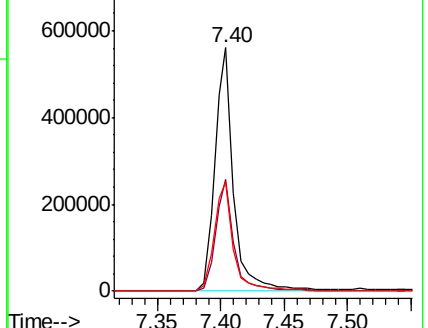
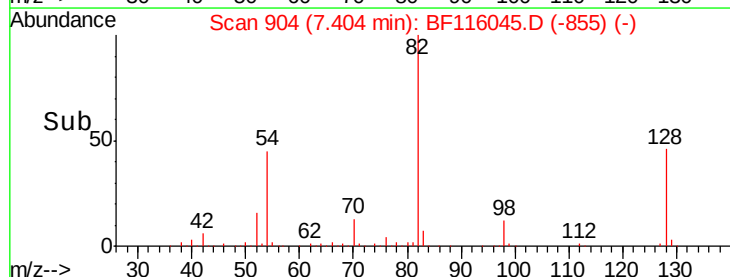
54 44.7 36.0 54.0

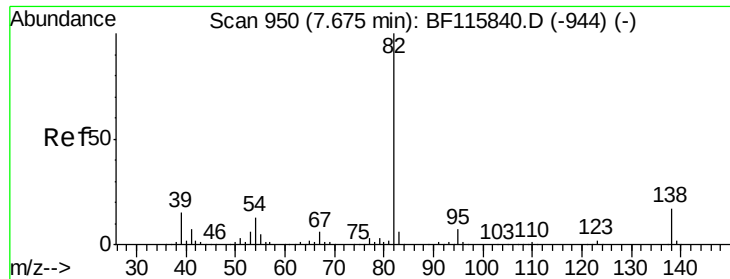


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.233 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF116045.D

Acq: 7 Aug 2019 12:47

Instrument :

BNA_F

ClientSampleId :

PS-7

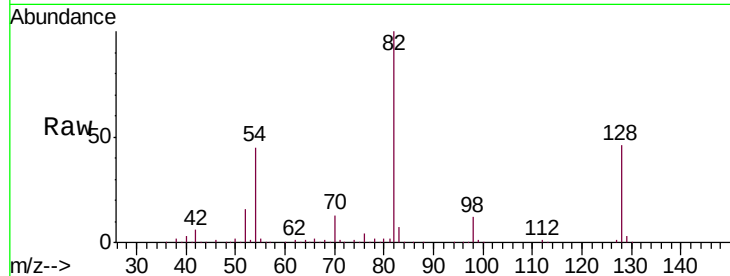
Tgt Ion: 82 Resp: 584996

Ion Ratio Lower Upper

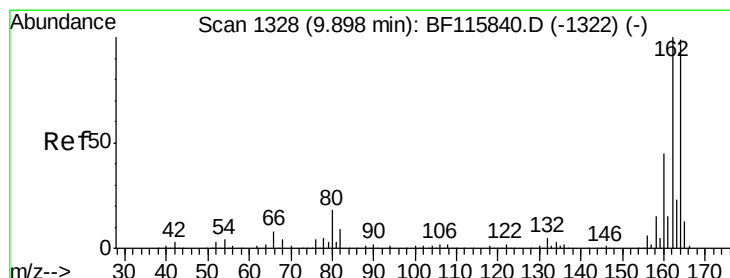
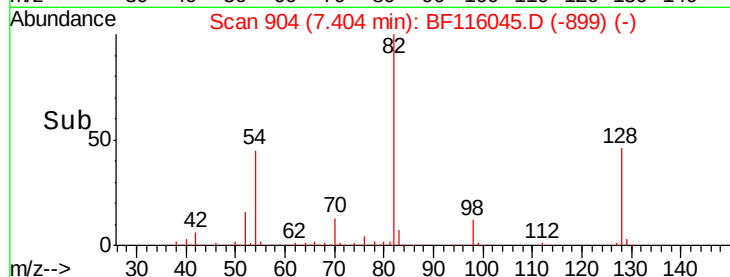
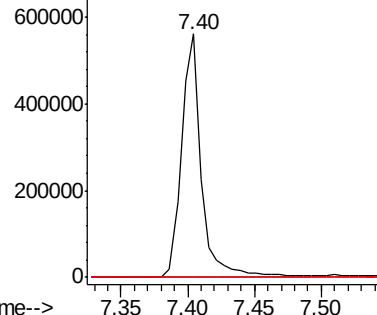
82 100

95 0.0 5.4 8.0#

138 0.0 14.5 21.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF116045.D

Acq: 7 Aug 2019 12:47

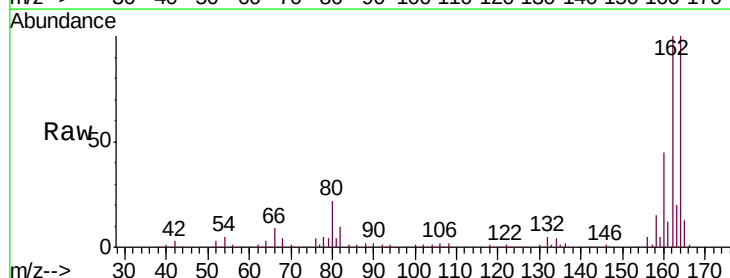
Tgt Ion: 164 Resp: 274268

Ion Ratio Lower Upper

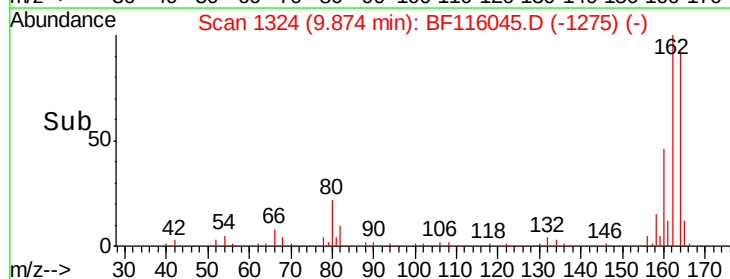
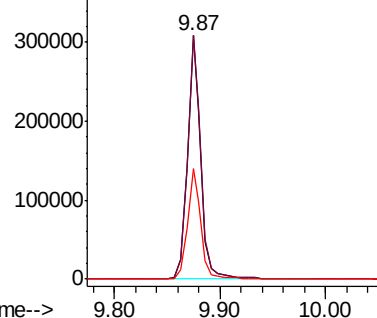
164 100

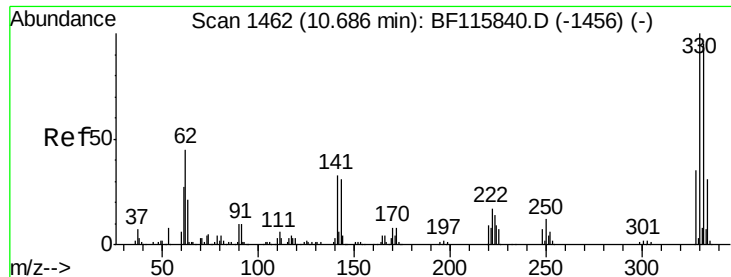
162 99.9 82.6 124.0

160 45.3 37.6 56.4



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

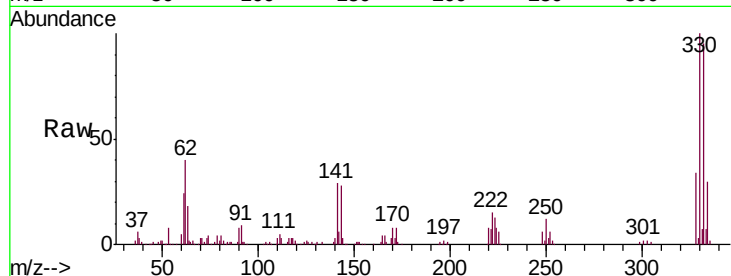




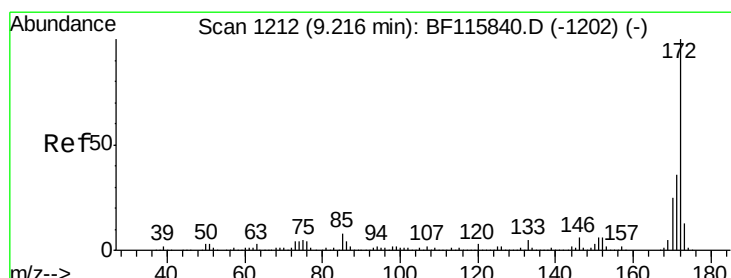
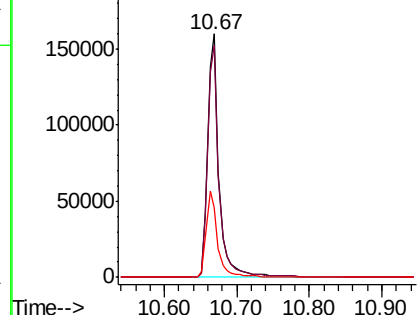
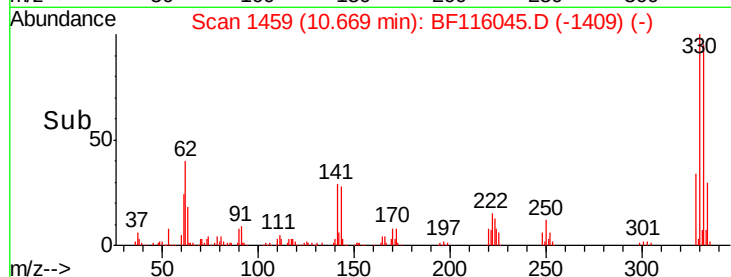
#42
 2,4,6-Tribromophenol
 Concen: 66.066 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF116045.D
 Acq: 7 Aug 2019 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PS-7

Tgt Ion:330 Resp: 175676
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.8 115.2
 141 35.5 26.3 39.5

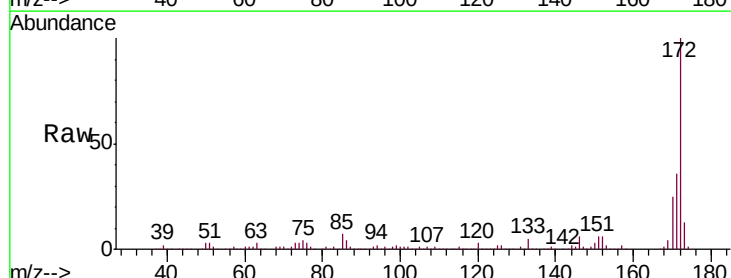


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

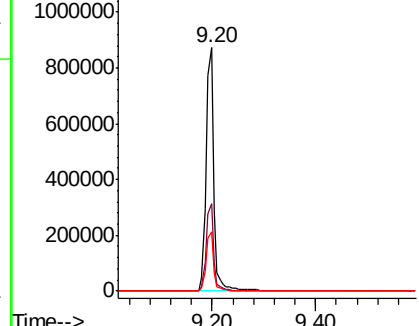
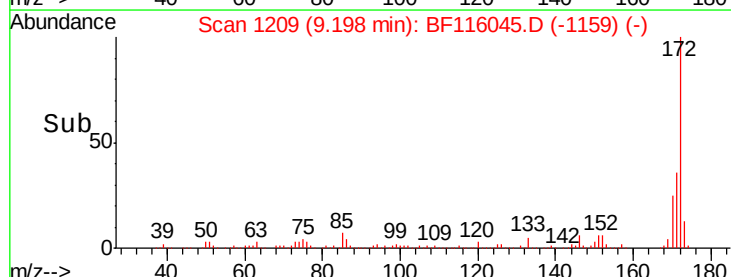


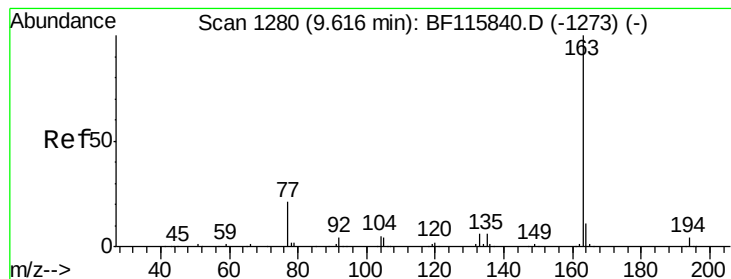
#45
 2-Fluorobiphenyl
 Concen: 61.225 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF116045.D
 Acq: 7 Aug 2019 12:47

Tgt Ion:172 Resp: 896502
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.6 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: 16.074 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116045.D

Acq: 7 Aug 2019 12:47

Instrument :

BNA_F

ClientSampleId :

PS-7

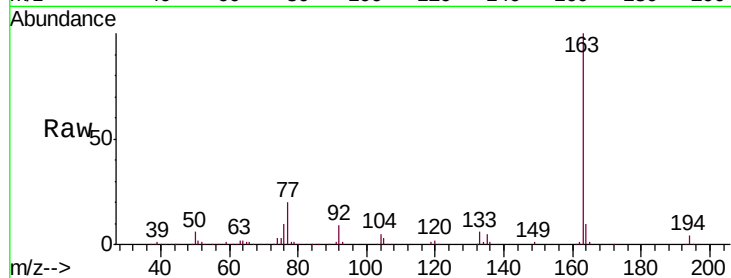
Tgt Ion:163 Resp: 300181

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

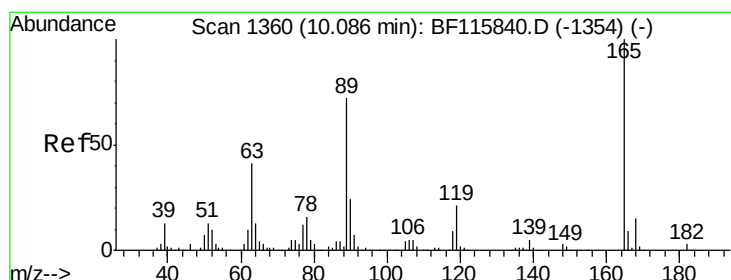
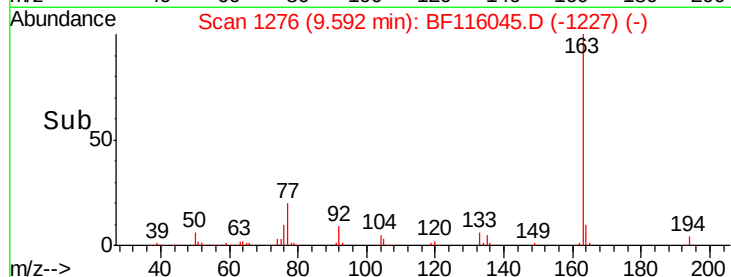
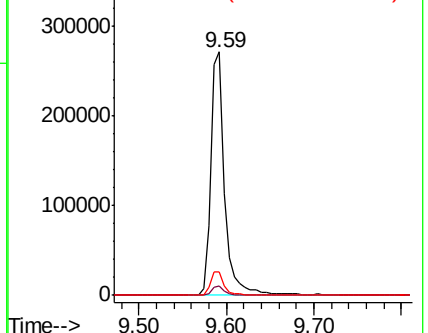
164 9.8 8.4 12.6



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



#57

2,4-Dinitrotoluene

Concen: 6.434 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF116045.D

Acq: 7 Aug 2019 12:47

Tgt Ion:165 Resp: 34764

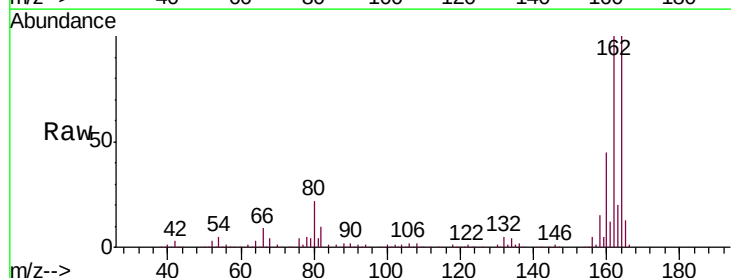
Ion Ratio Lower Upper

165 100

63 1.2 39.6 59.4#

89 1.5 62.2 93.2#

182 0.0 2.1 3.1#

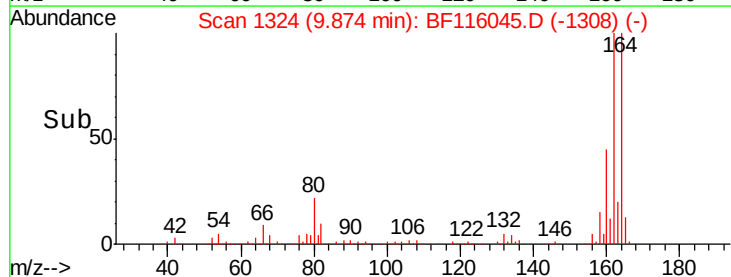
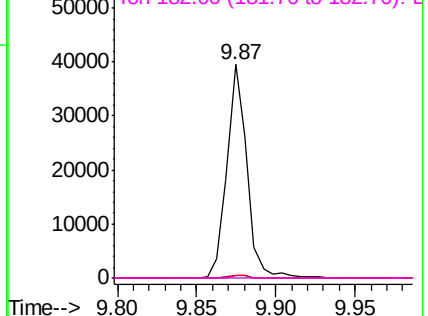


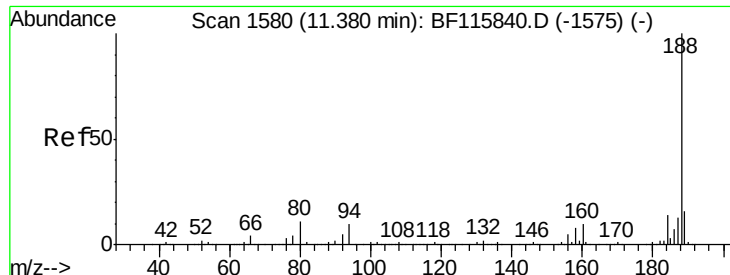
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116045.D

Acq: 7 Aug 2019 12:47

Instrument :

BNA_F

ClientSampleId :

PS-7

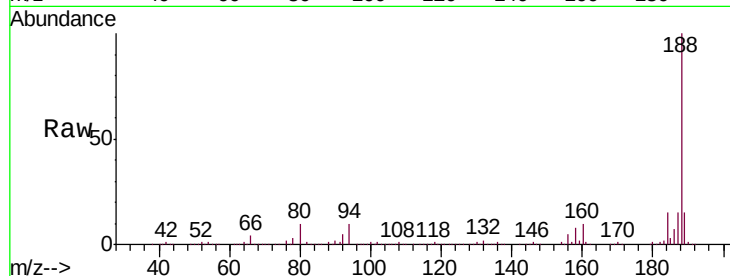
Tgt Ion:188 Resp: 487397

Ion Ratio Lower Upper

188 100

94 9.8 8.1 12.1

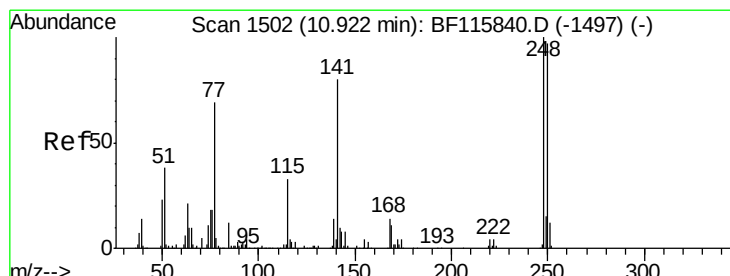
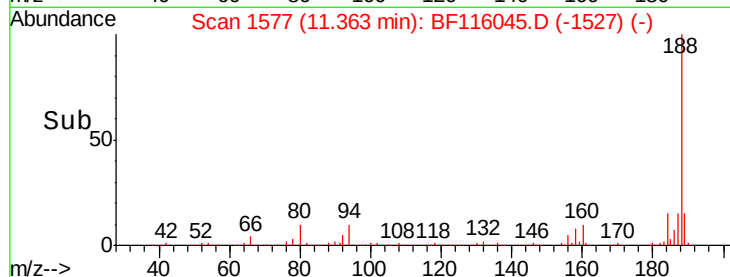
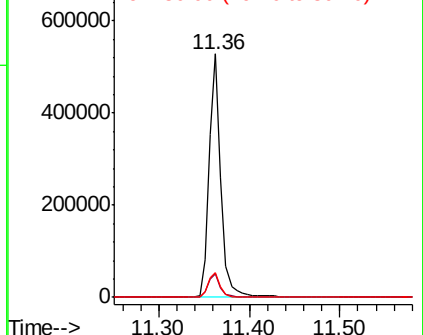
80 10.2 8.7 13.1



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



#67

4-Bromophenyl-phenylether

Concen: 2.046 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF116045.D

Acq: 7 Aug 2019 12:47

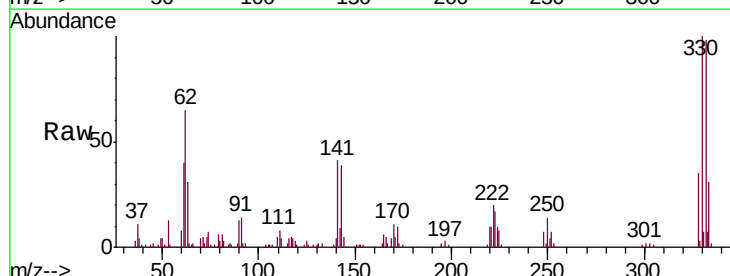
Tgt Ion:248 Resp: 10673

Ion Ratio Lower Upper

248 100

250 198.8 77.4 116.2#

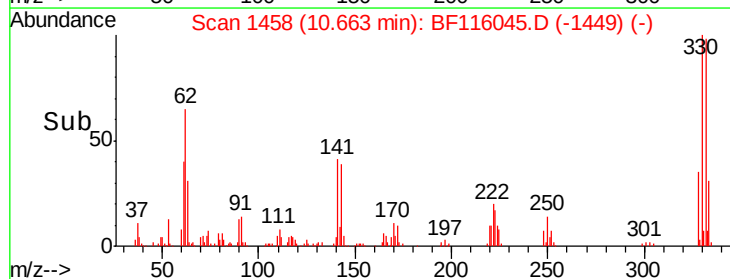
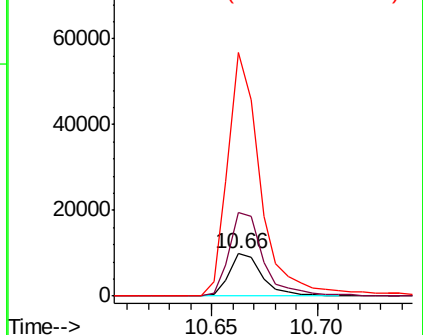
141 575.3 56.8 85.2#

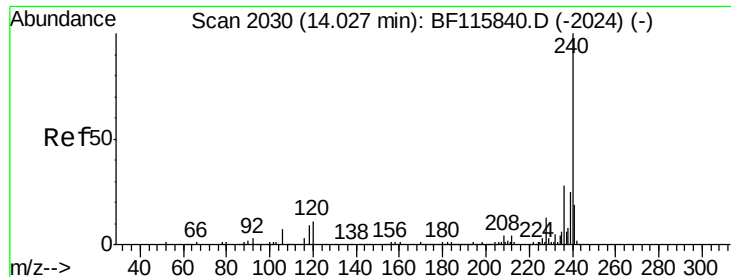


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

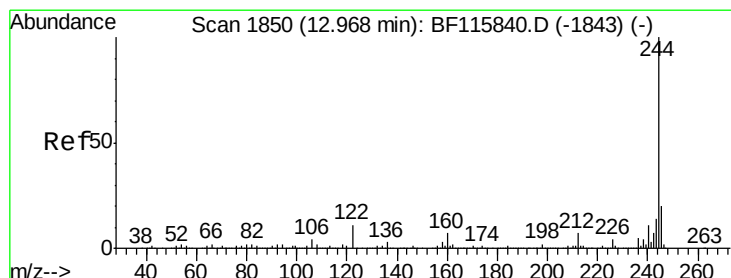
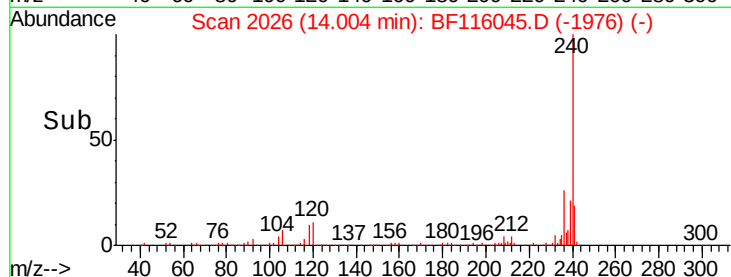
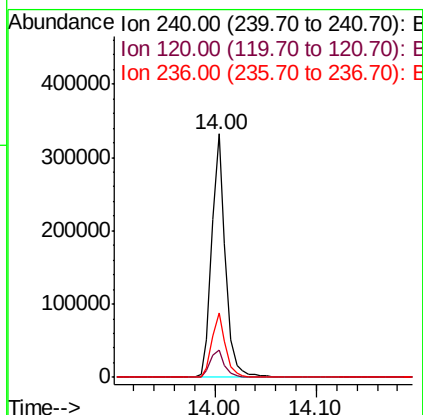
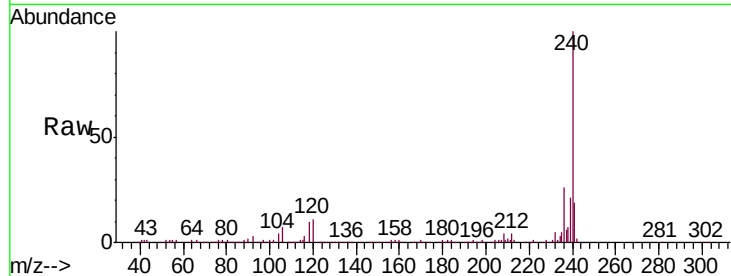




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116045.D
Acq: 7 Aug 2019 12:47

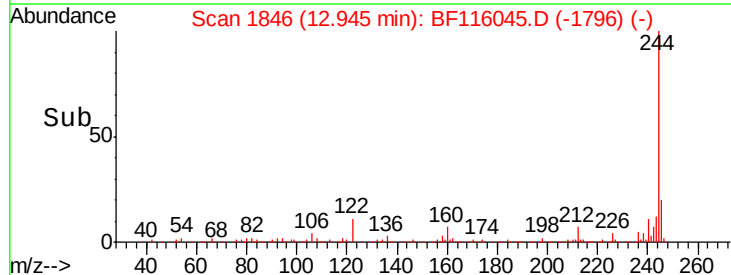
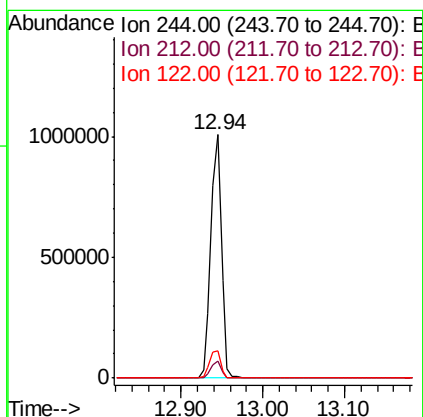
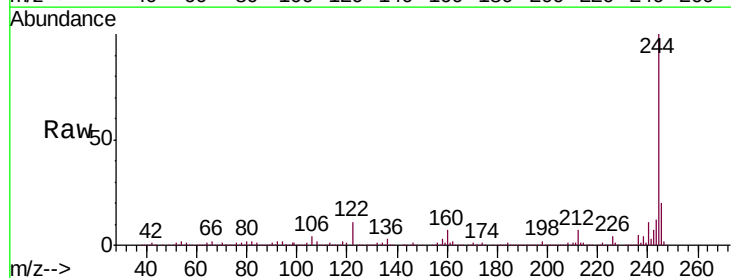
Instrument :
BNA_F
ClientSampleId :
PS-7

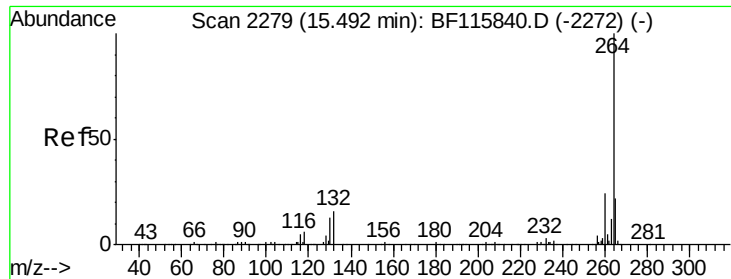
Tgt Ion:240 Resp: 310916
Ion Ratio Lower Upper
240 100
120 11.1 10.7 16.1
236 26.3 22.2 33.2



#79
Terphenyl-d14
Concen: 61.705 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116045.D
Acq: 7 Aug 2019 12:47

Tgt Ion:244 Resp: 910472
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 11.1 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116045.D
Acq: 7 Aug 2019 12:47

Instrument :
BNA_F
ClientSampleId :
PS-7

Tgt Ion:264 Resp: 295242
Ion Ratio Lower Upper
264 100
260 24.6 19.7 29.5
265 21.5 17.4 26.0

