

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116147.D
 Acq On : 10 Aug 2019 13:36
 Operator : HP/JU
 Sample : K4245-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-26

Quant Time: Aug 12 04:53:27 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

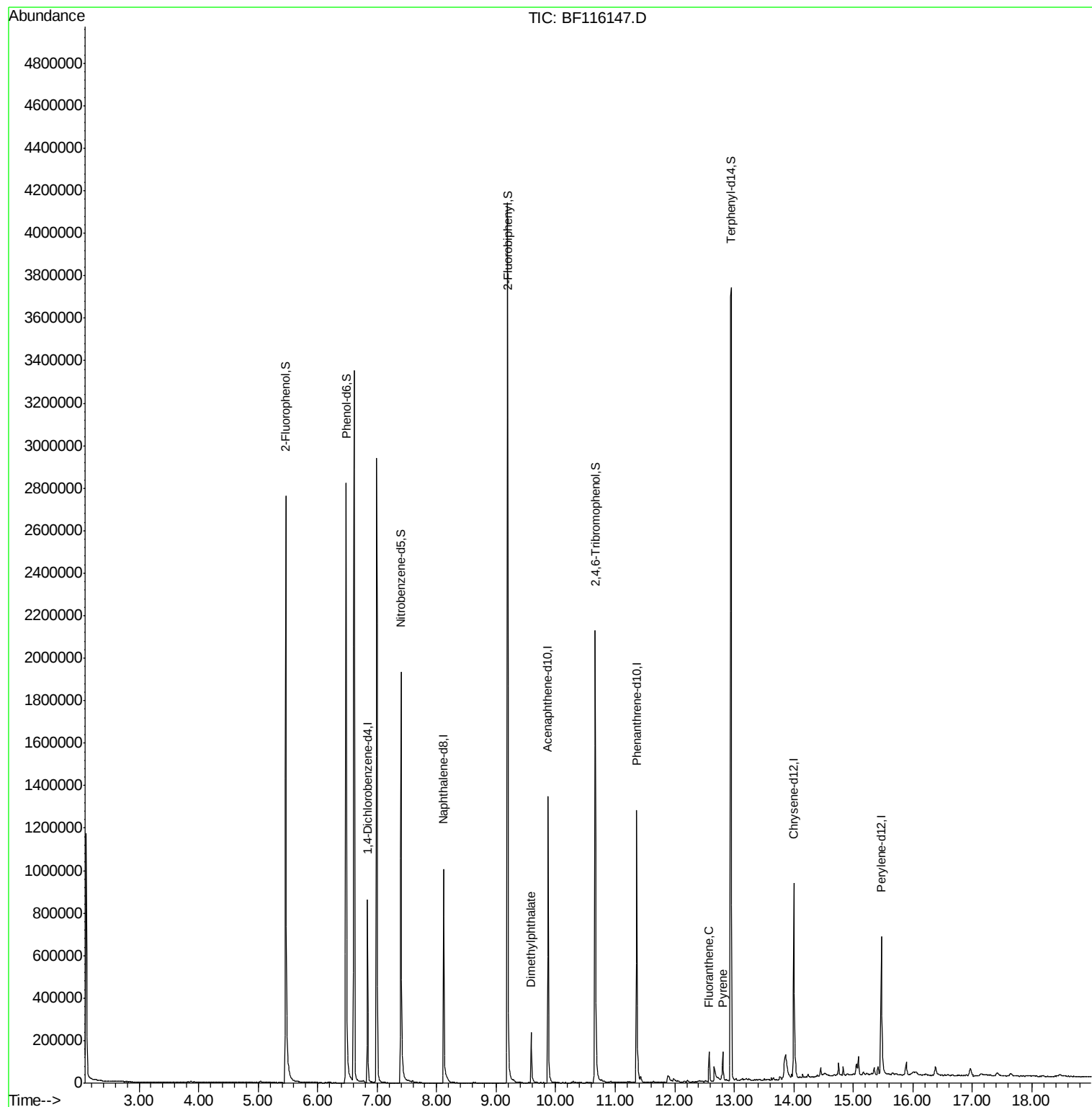
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	140979	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	545676	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	293679	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	521317	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	338866	20.00	ng	-0.01
87) Perylene-d12	15.47	264	346530	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	959089	113.89	ng	0.00
7) Phenol-d6	6.48	99	1242485	116.94	ng	0.00
23) Nitrobenzene-d5	7.40	82	810741	85.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	299638	105.24	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1369045	87.32	ng	-0.01
79) Terphenyl-d14	12.95	244	1465866	91.15	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	136134	6.808	ng	100
75) Fluoranthene	12.57	202	68600	2.459	ng	97
78) Pyrene	12.80	202	61310	2.400	ng	98

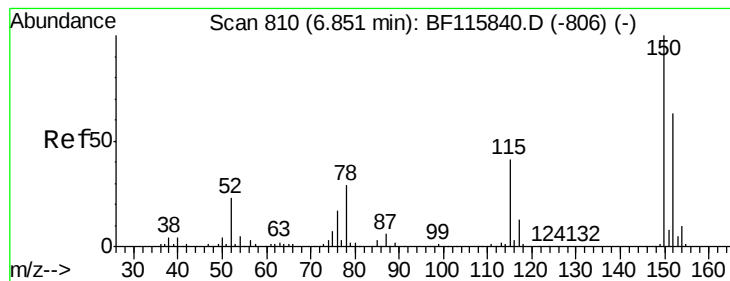
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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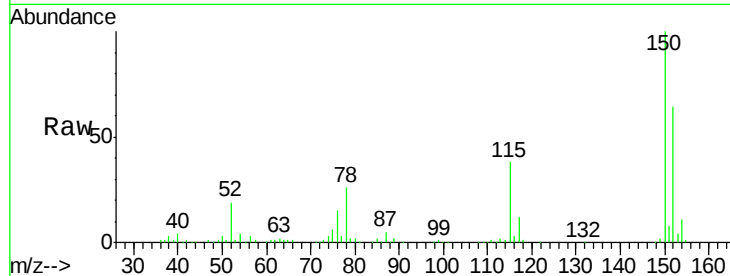


#1

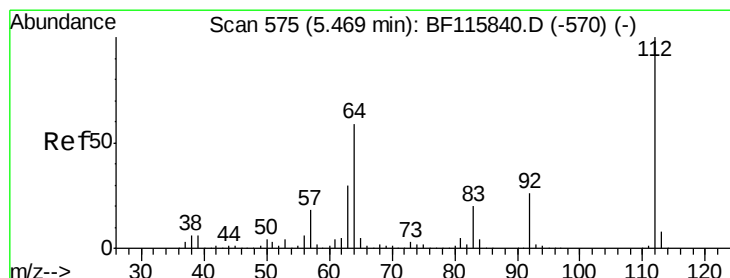
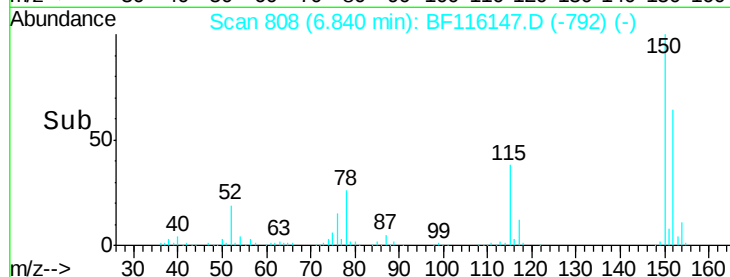
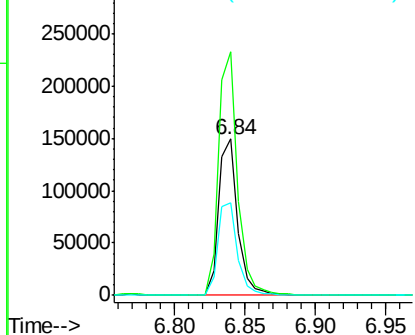
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116147.D
Acq: 10 Aug 2019 13:36

Instrument :
BNA_F
ClientSampleId :
COMP-26

Tot Ion:152 Resp: 140979
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 59.1 49.9 74.9



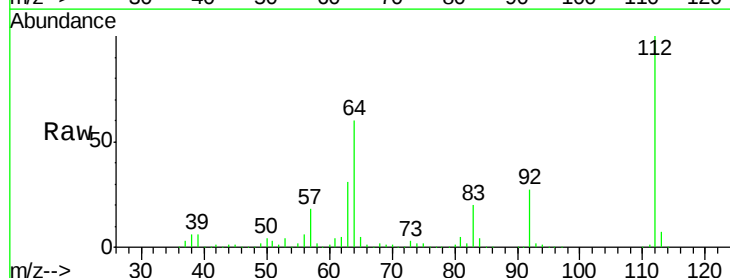
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



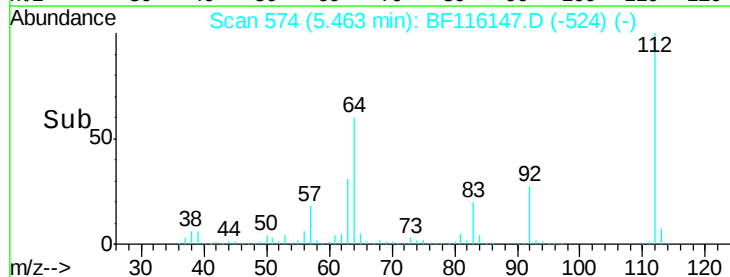
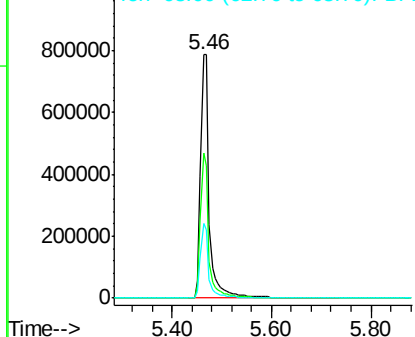
#5

2-Fluorophenol
Concen: 113.887 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116147.D
Acq: 10 Aug 2019 13:36

Tgt Ion:112 Resp: 959089
Ion Ratio Lower Upper
112 100
64 59.7 45.4 68.2
63 30.8 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: 116.939 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116147.D

Acq: 10 Aug 2019 13:36

Instrument :

BNA_F

ClientSampled :

COMP-26

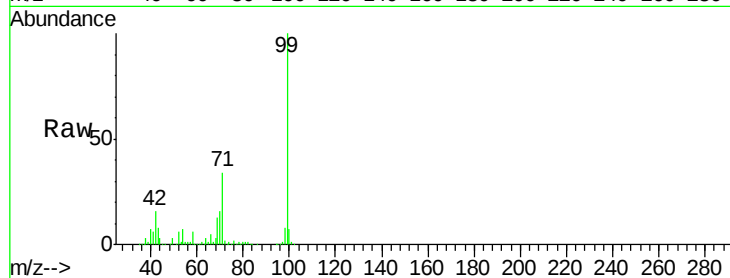
Tot Ion: 99 Resp: 1242485

Ion Ratio Lower Upper

99 100

42 16.2 13.8 20.8

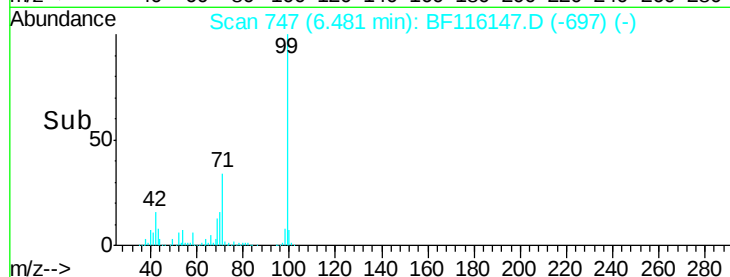
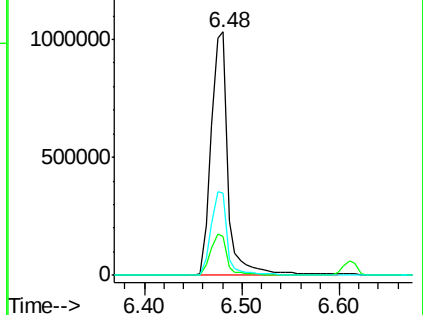
71 33.7 27.3 40.9



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116147.D

Acq: 10 Aug 2019 13:36

Tgt Ion: 136 Resp: 545676

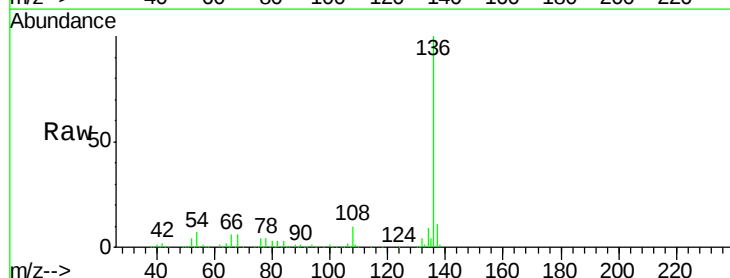
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.4 5.8 8.6

68 6.3 5.2 7.8

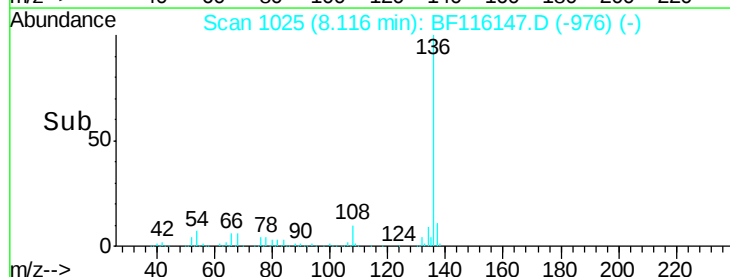
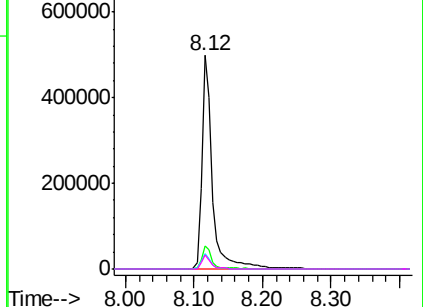


Abundance Ion 136.00 (135.70 to 136.70): E

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

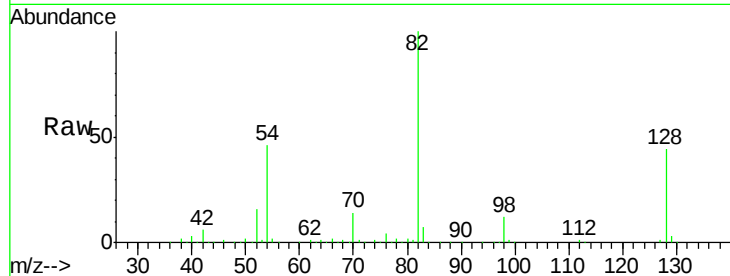




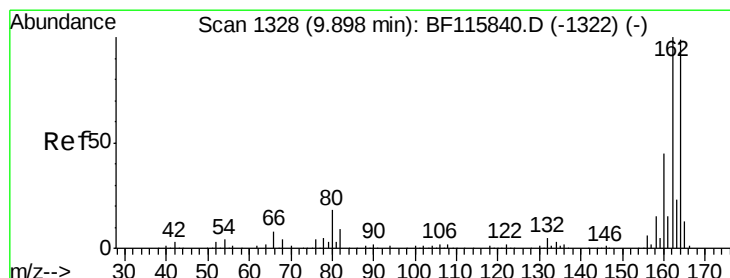
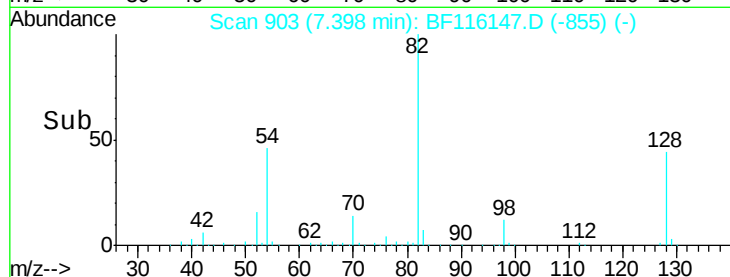
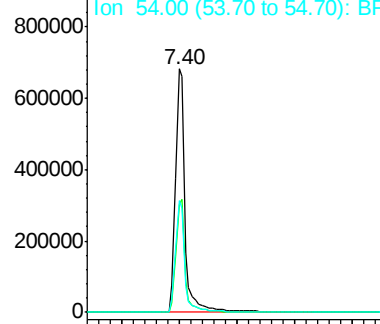
#23
 Nitrobenzene-d5
 Concen: 85.762 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116147.D
 Acq: 10 Aug 2019 13:36

Instrument :
 BNA_F
 ClientSampleId :
 COMP-26

Tot Ion: 82 Resp: 810741
 Ion Ratio Lower Upper
 82 100
 128 44.2 36.5 54.7
 54 46.0 36.0 54.0

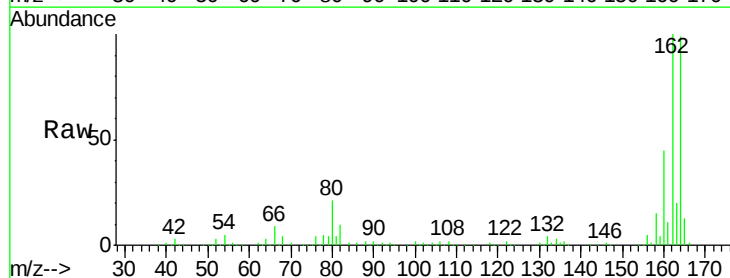


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

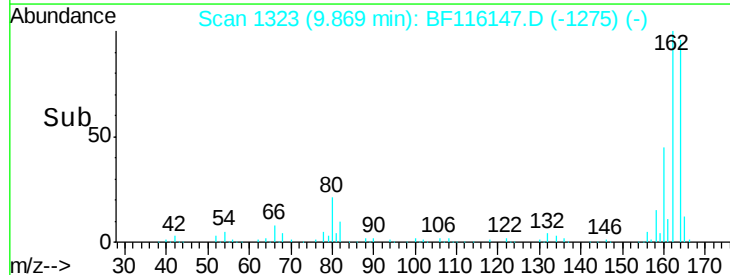
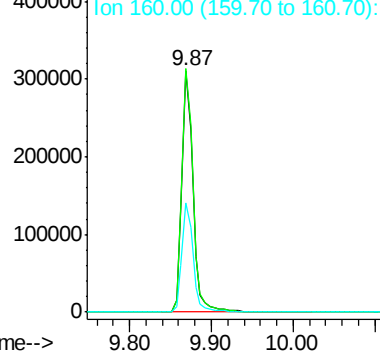


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116147.D
 Acq: 10 Aug 2019 13:36

Tgt Ion:164 Resp: 293679
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.6 124.0
 160 45.5 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: 105.236 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116147.D

Acq: 10 Aug 2019 13:36

Instrument :

BNA_F

ClientSampleId :

COMP-26

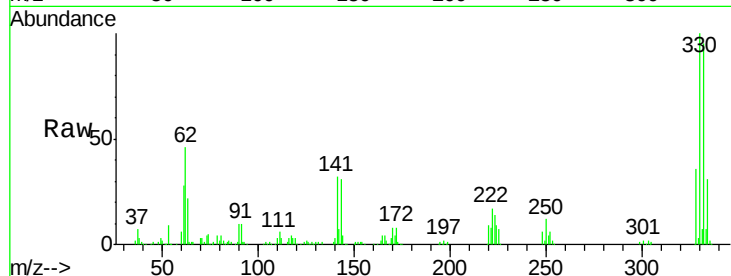
Tot Ion:330 Resp: 299638

Ion Ratio Lower Upper

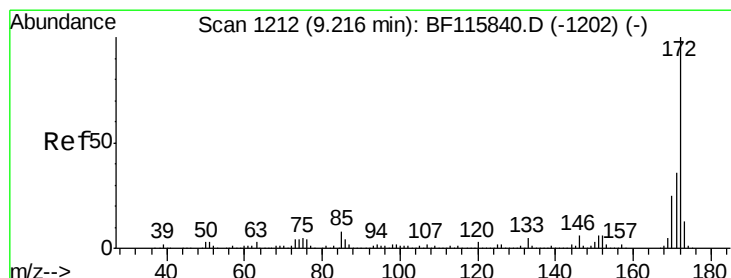
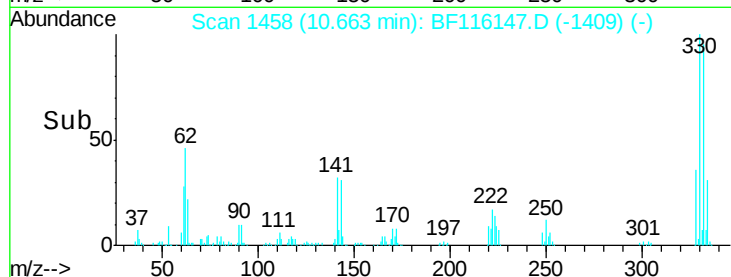
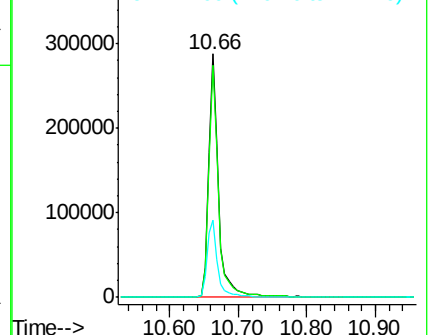
330 100

332 95.5 76.8 115.2

141 33.6 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: 87.317 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116147.D

Acq: 10 Aug 2019 13:36

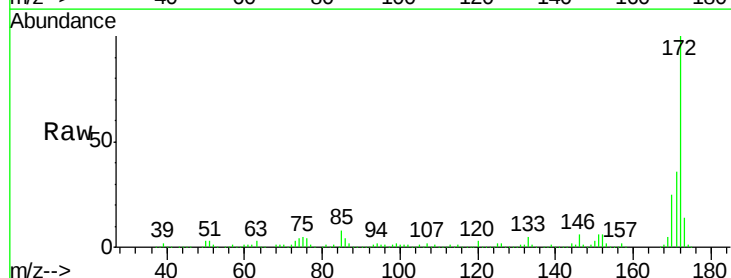
Tgt Ion:172 Resp: 1369045

Ion Ratio Lower Upper

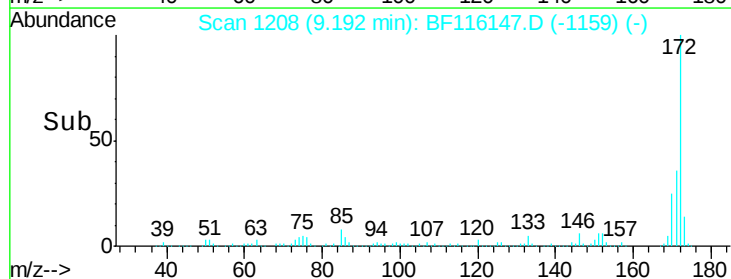
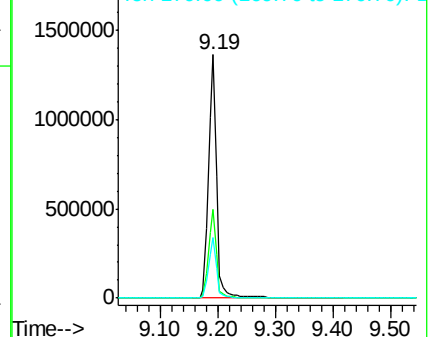
172 100

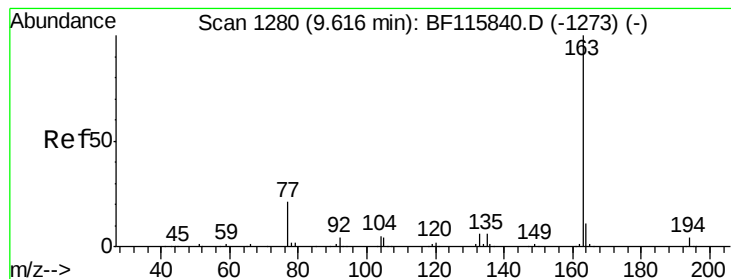
171 36.2 29.6 44.4

170 24.9 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: 6.808 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116147.D

Acq: 10 Aug 2019 13:36

Instrument :

BNA_F

ClientSampleId :

COMP-26

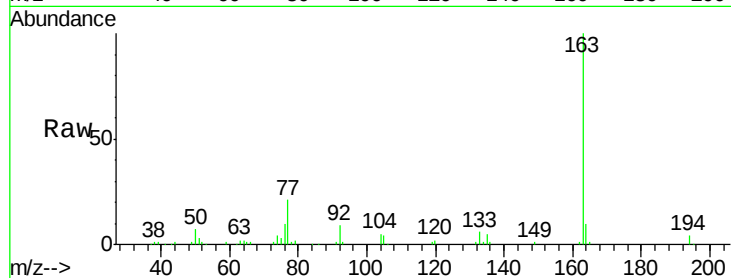
Tot Ion:163 Resp: 136134

Ion Ratio Lower Upper

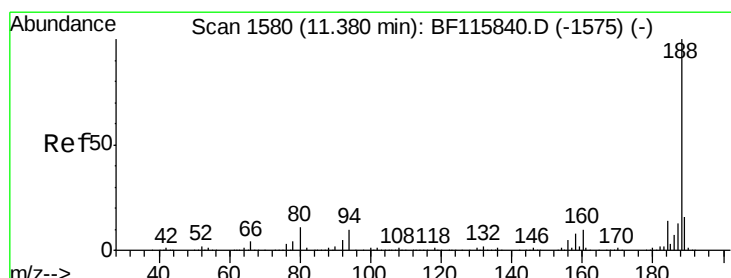
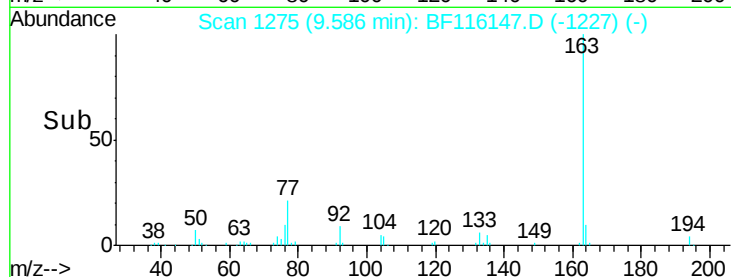
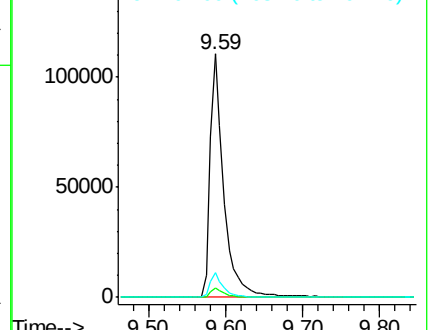
163 100

194 4.0 3.0 4.6

164 10.4 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: BF116147.D

Acq: 10 Aug 2019 13:36

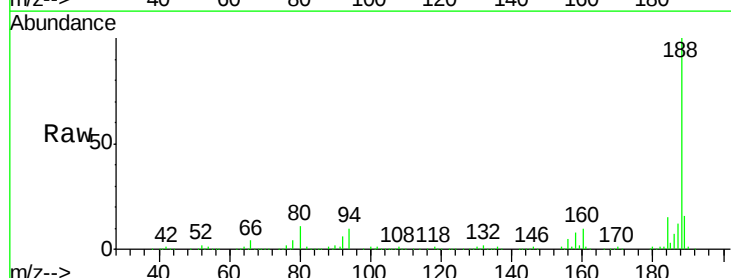
Tgt Ion:188 Resp: 521317

Ion Ratio Lower Upper

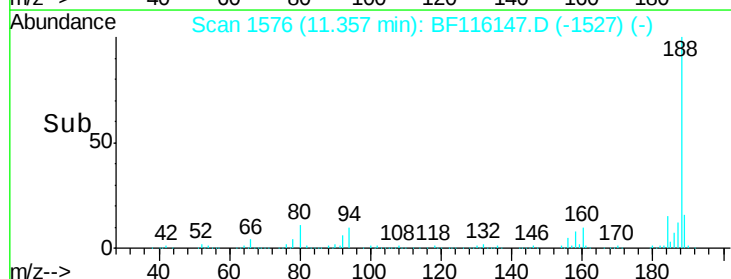
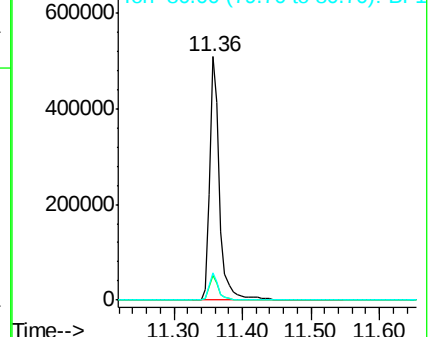
188 100

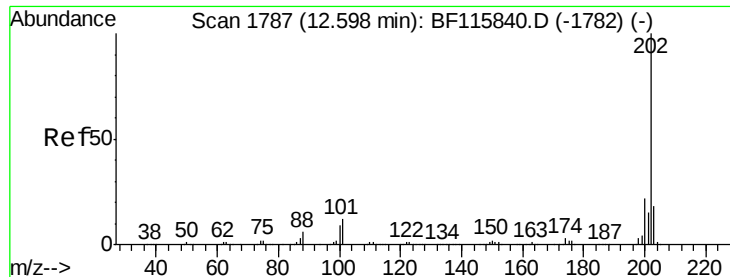
94 10.3 8.1 12.1

80 11.2 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





#75

Fluoranthene

Concen: 2.459 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116147.D

Acq: 10 Aug 2019 13:36

Instrument :

BNA_F

ClientSampleId :

COMP-26

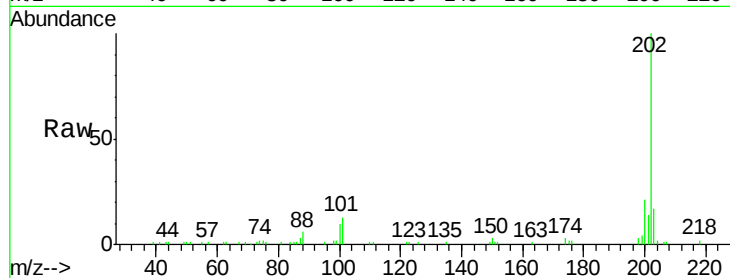
Tot Ion:202 Resp: 68600

Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.2

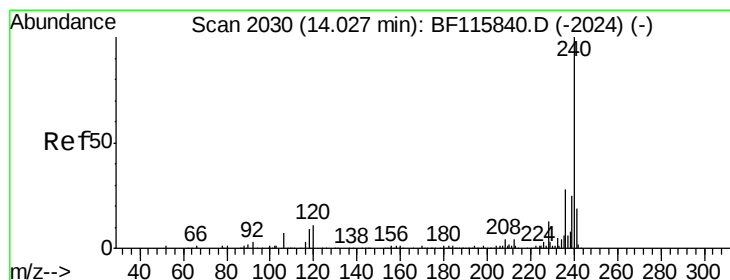
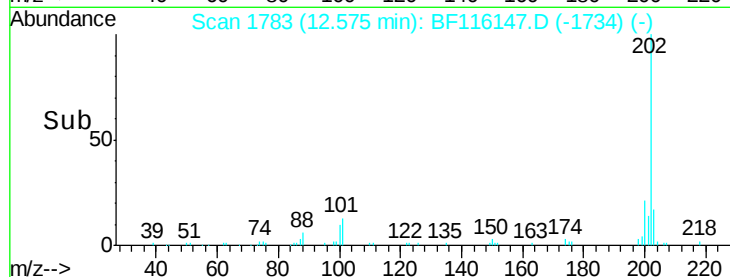
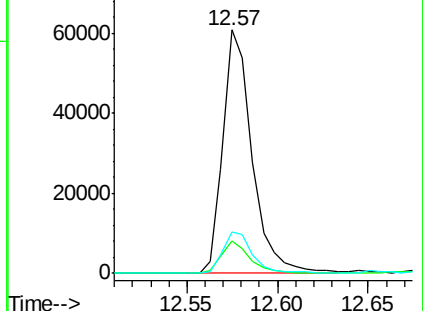
203 17.2 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116147.D

Acq: 10 Aug 2019 13:36

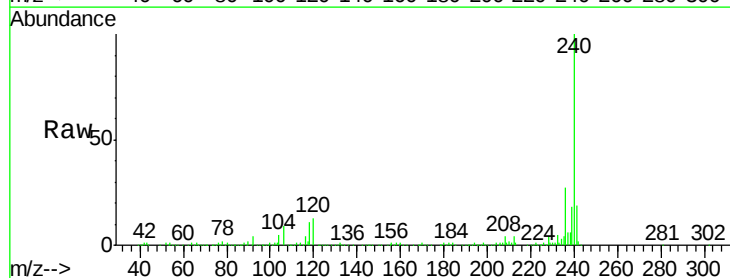
Tgt Ion:240 Resp: 338866

Ion Ratio Lower Upper

240 100

120 12.6 10.7 16.1

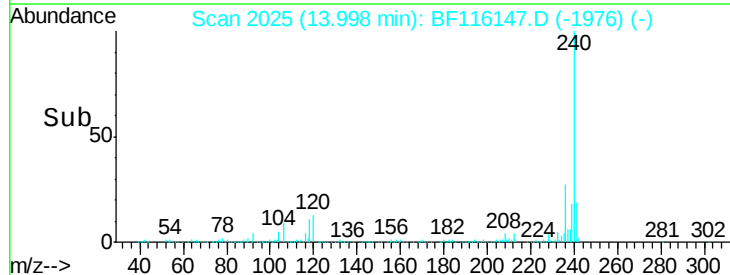
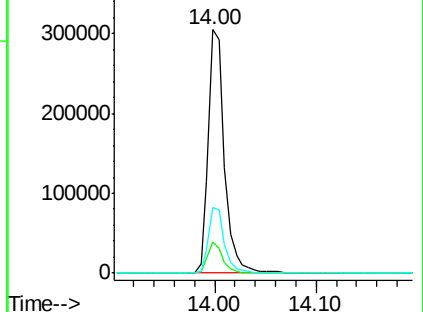
236 26.9 22.2 33.2

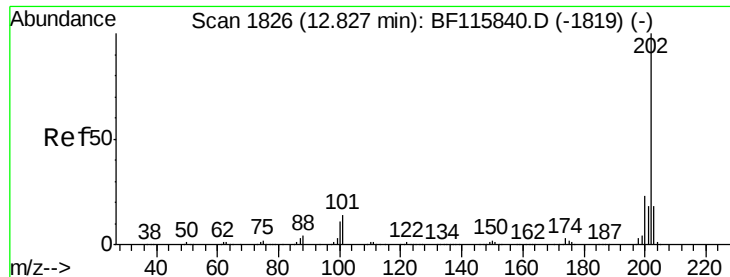


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

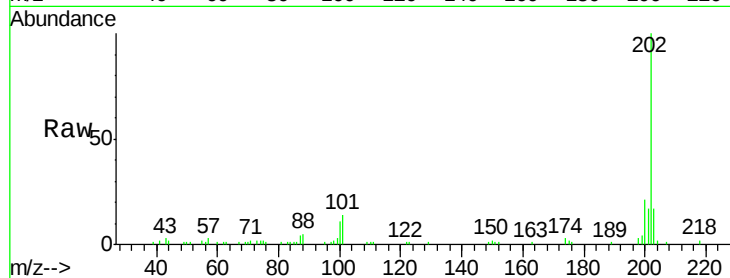




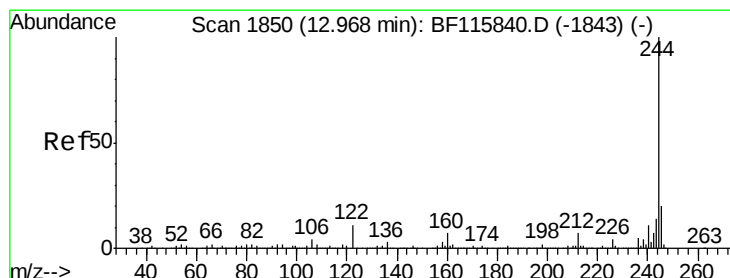
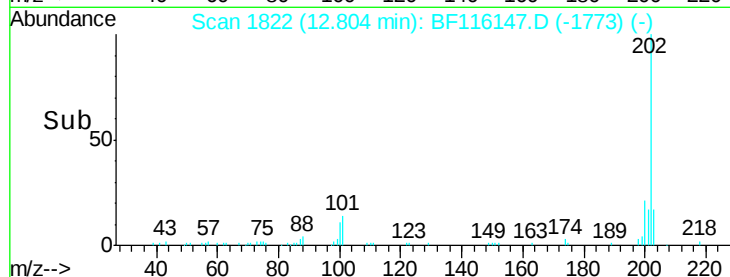
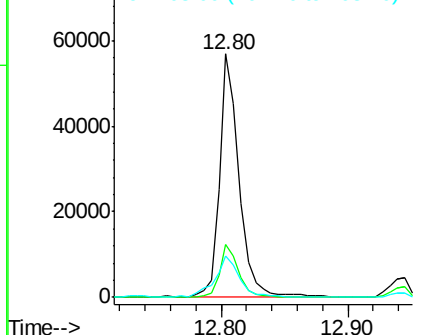
#78
Pvrene
Concen: 2.400 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116147.D
Acq: 10 Aug 2019 13:36

Instrument :
BNA_F
ClientSampleId :
COMP-26

Tot Ion:202 Resp: 61310
Ion Ratio Lower Upper
202 100
200 21.5 18.0 27.0
203 17.0 14.1 21.1

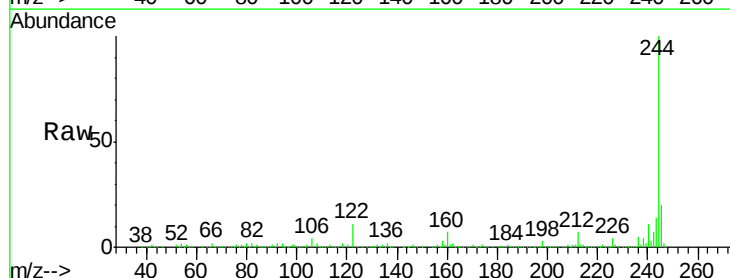


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

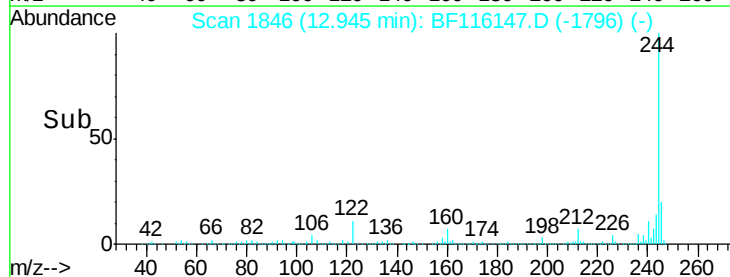
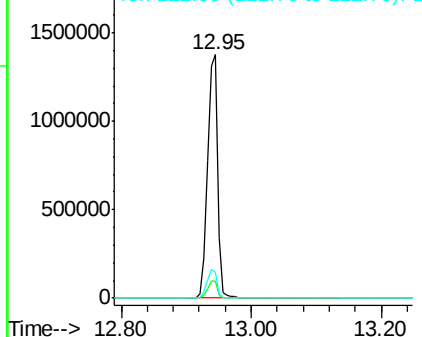


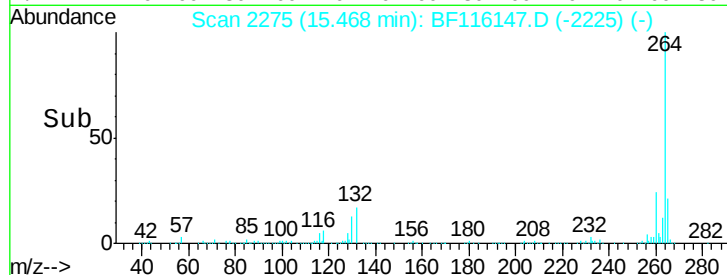
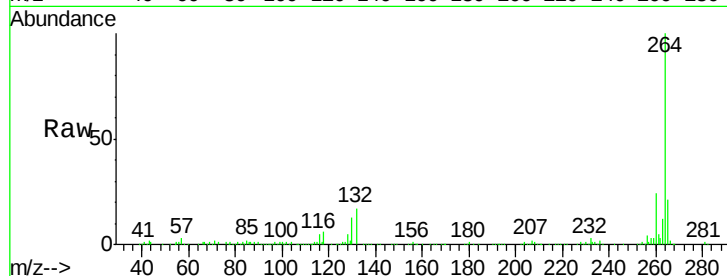
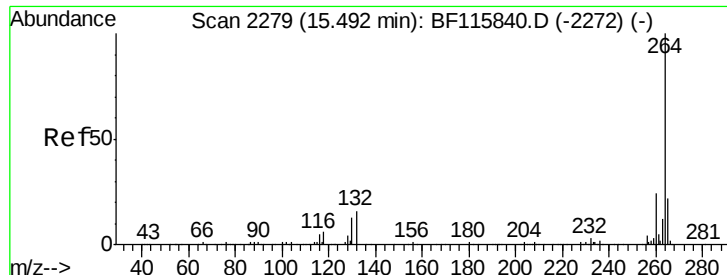
#79
Terphenyl-d14
Concen: 91.152 ng
RT: 12.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116147.D
Acq: 10 Aug 2019 13:36

Tgt Ion:244 Resp: 1465866
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.5 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116147.D
Acq: 10 Aug 2019 13:36

Instrument :
BNA_F
ClientSampleId :
COMP-26

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.3	17.4	26.0

