

Data File : BF116322.D
Acq On : 16 Aug 2019 15:08
Operator : HP/JU
Sample : K4356-03RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Time: Aug 17 03:08:15 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

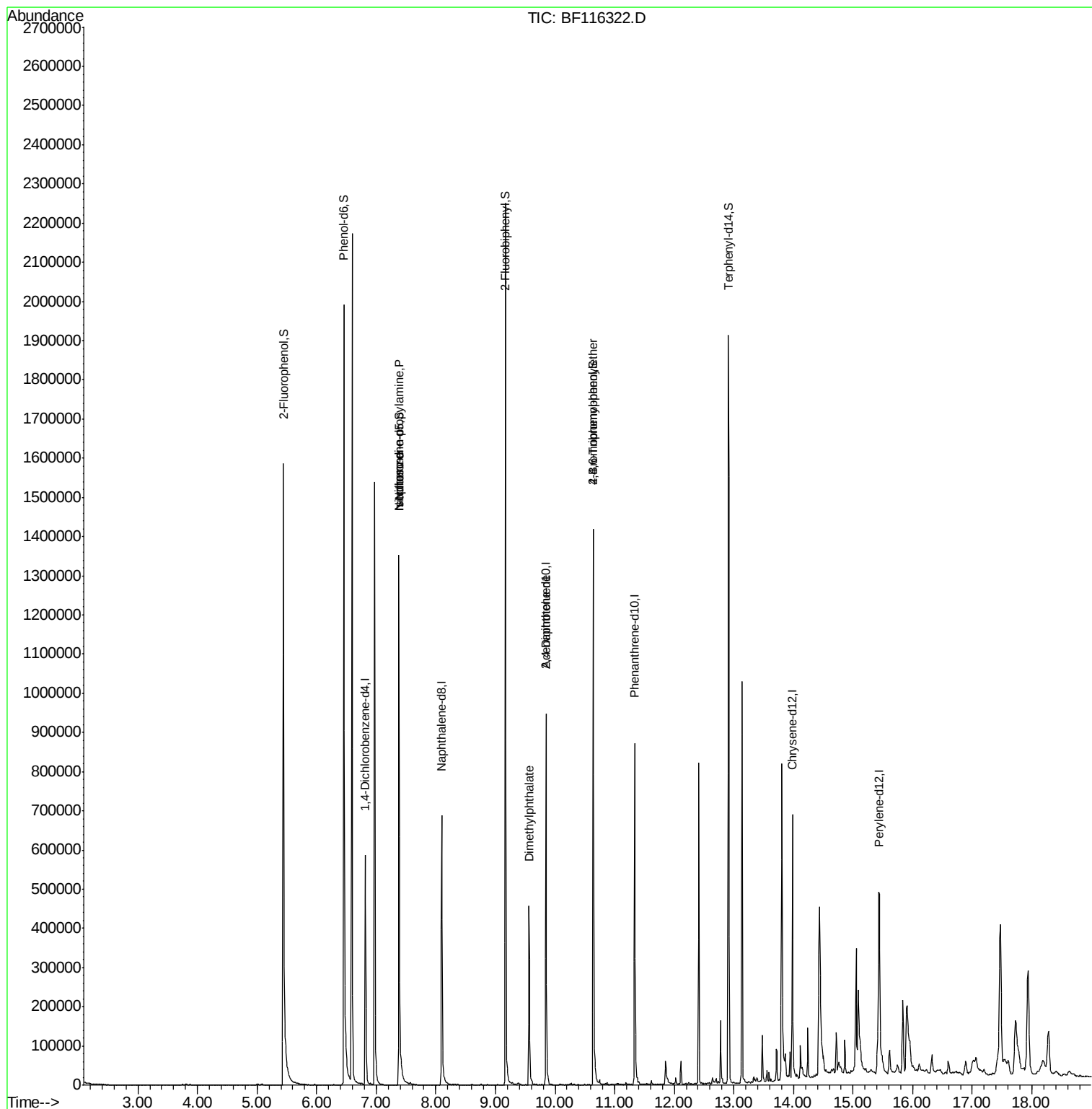
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	95043	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	368347	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	200720	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	364715	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	250533	20.00	ng	-0.03
87) Perylene-d12	15.44	264	264555	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	605546	106.66	ng	-0.03
7) Phenol-d6	6.46	99	785890	109.71	ng	-0.03
23) Nitrobenzene-d5	7.38	82	502461	78.74	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	194236	99.81	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	707512	66.02	ng	-0.04
79) Terphenyl-d14	12.91	244	637807	53.64	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	64816	14.602	ng	# 79
25) Isophorone	7.38	82	503630	41.274	ng	# 65
50) Dimethylphthalate	9.56	163	195680	14.318	ng	# 99
57) 2,4-Dinitrotoluene	9.85	165	26180	6.621	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	11661	2.987	ng	# 1

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

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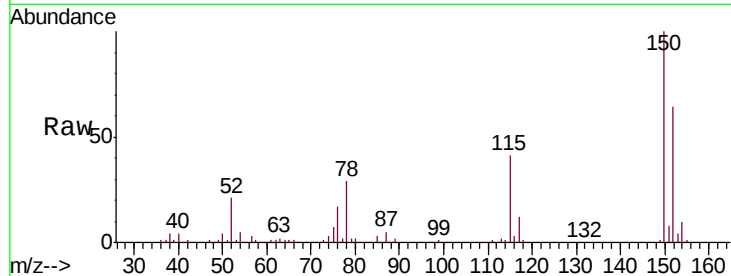


#1

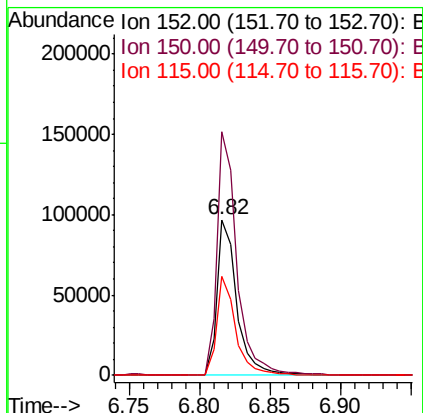
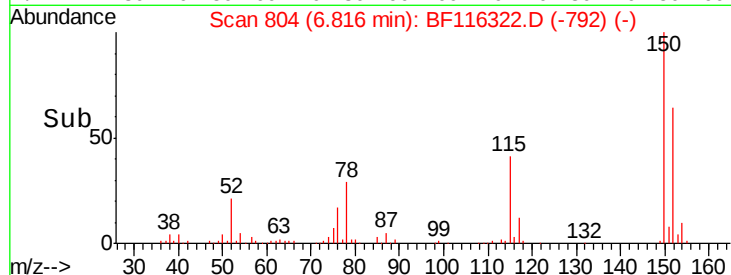
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116322.D
Acq: 16 Aug 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 95043
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 63.6 49.9 74.9



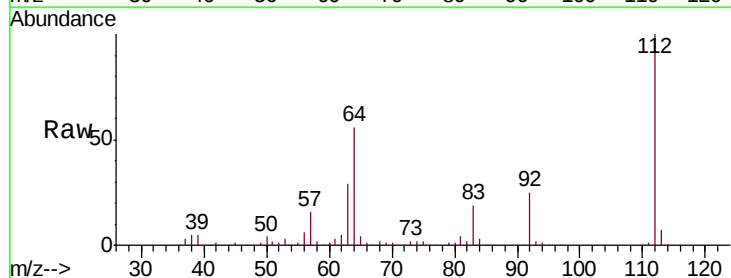
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



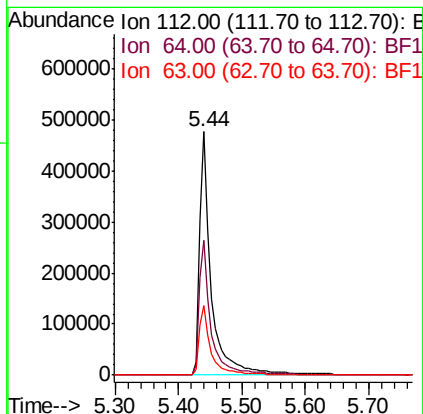
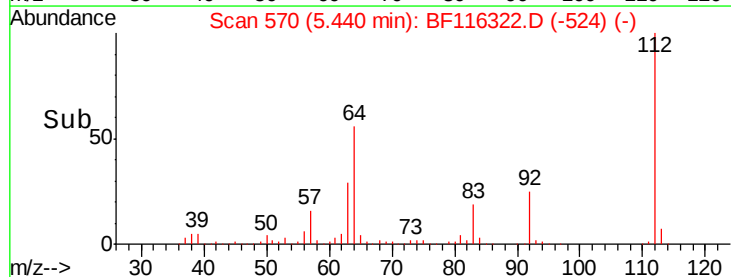
#5

2-Fluorophenol
Concen: 106.659 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116322.D
Acq: 16 Aug 2019 15:08

Tgt Ion:112 Resp: 605546
Ion Ratio Lower Upper
112 100
64 55.6 45.4 68.2
63 28.8 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: 109.715 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116322.D

Acq: 16 Aug 2019 15:08

Instrument :

BNA_F

ClientSampled :

TP-2

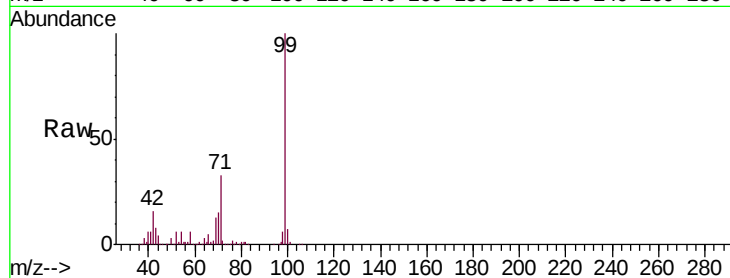
Tgt Ion: 99 Resp: 785890

Ion Ratio Lower Upper

99 100

42 16.0 13.8 20.8

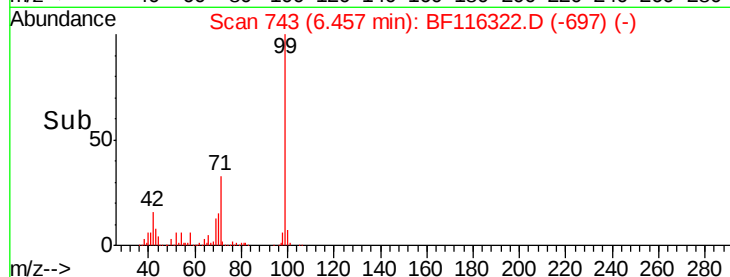
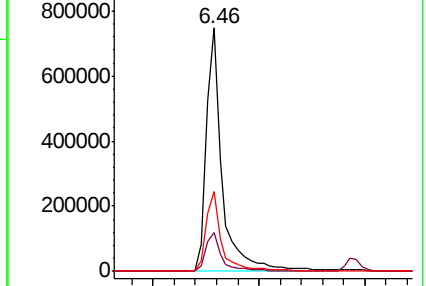
71 32.8 27.3 40.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.602 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116322.D

Acq: 16 Aug 2019 15:08

Tgt Ion: 70 Resp: 64816

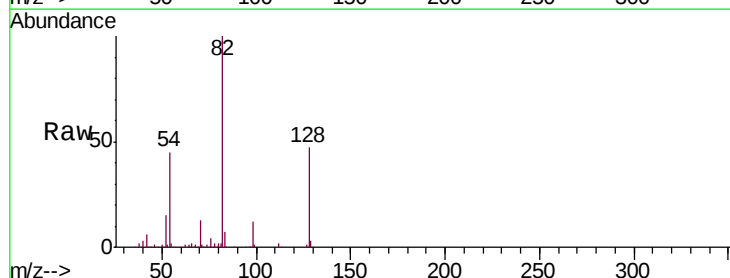
Ion Ratio Lower Upper

70 100

42 42.5 40.9 61.3

101 0.0 7.9 11.9#

130 2.3 16.9 25.3#

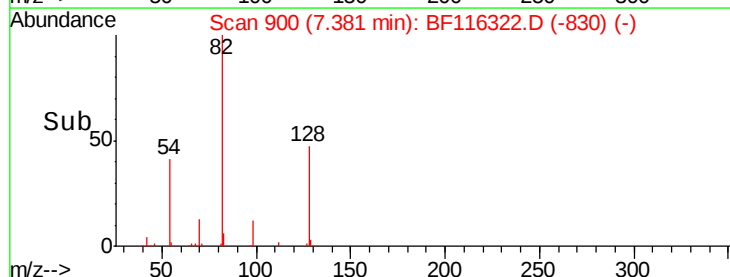
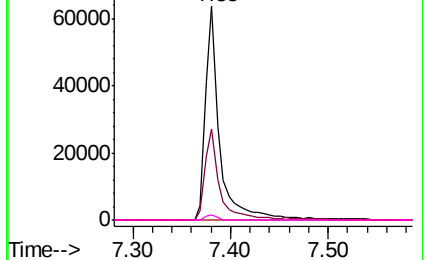


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

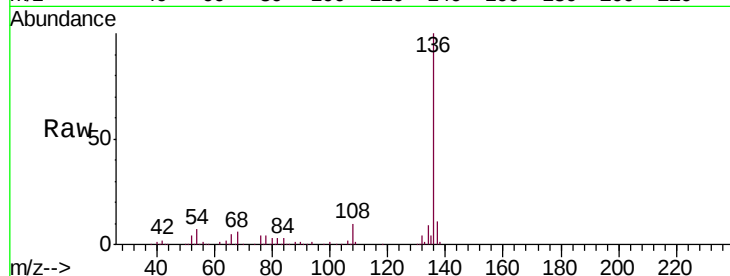




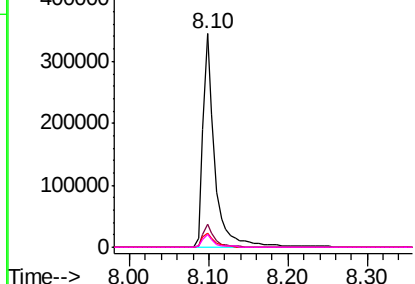
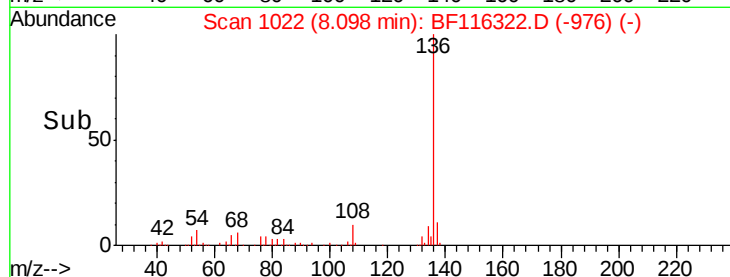
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116322.D
Acq: 16 Aug 2019 15:08

Instrument :
BNA_F
ClientSampled :
TP-2

Tgt Ion:	136	Resp:	368347
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.9	5.8	8.6
68	6.1	5.2	7.8

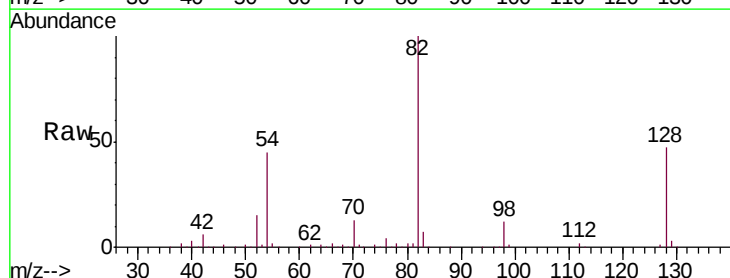


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

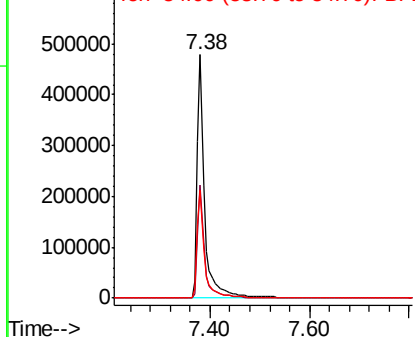
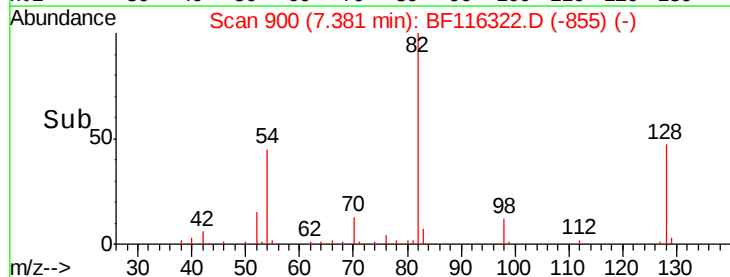


#23
Nitrobenzene-d5
Concen: 78.740 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116322.D
Acq: 16 Aug 2019 15:08

Tgt Ion:	82	Resp:	502461
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.5	54.7
54	44.5	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

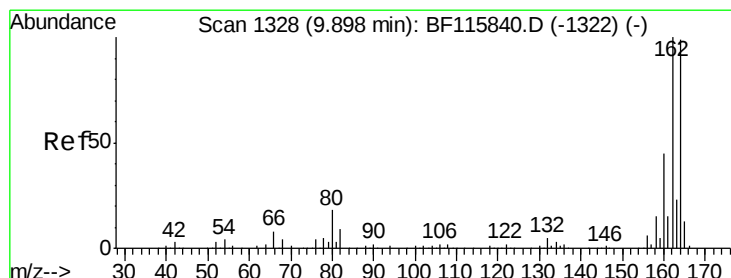
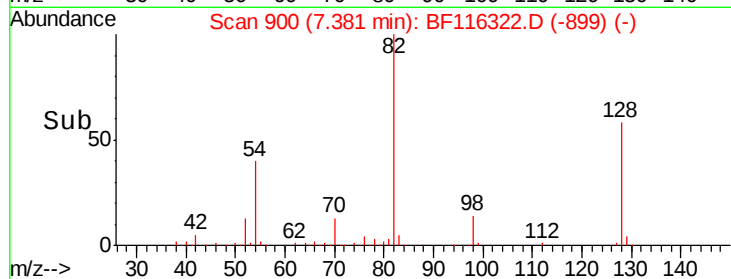
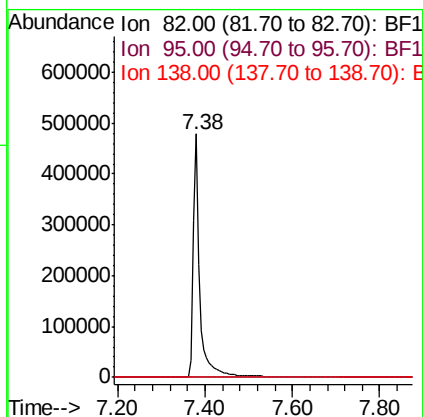
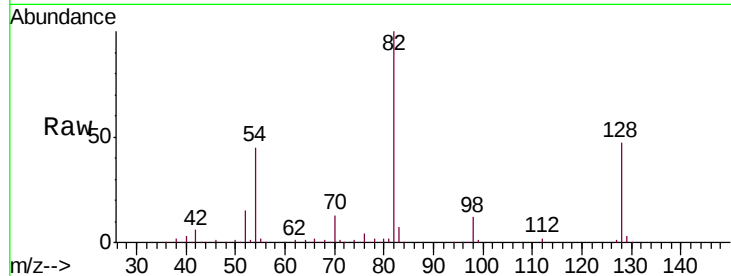




#25
Isophorone
Concen: 41.274 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.29 min
Lab File: BF116322.D
Acq: 16 Aug 2019 15:08

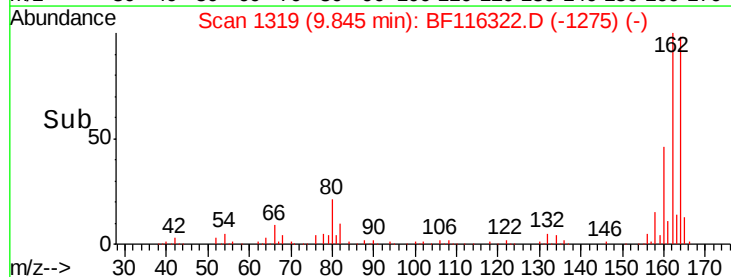
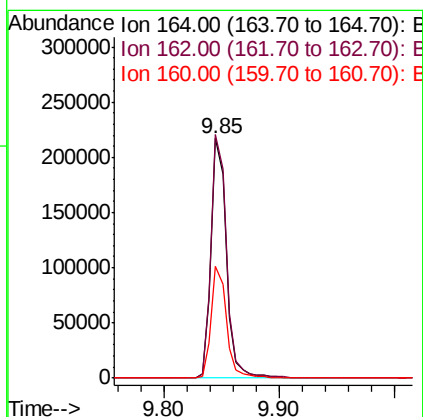
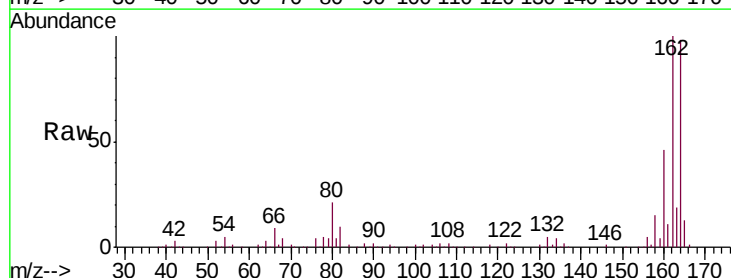
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 503630
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.04 min
Lab File: BF116322.D
Acq: 16 Aug 2019 15:08

Tgt Ion: 164 Resp: 200720
Ion Ratio Lower Upper
164 100
162 101.8 82.6 124.0
160 46.6 37.6 56.4

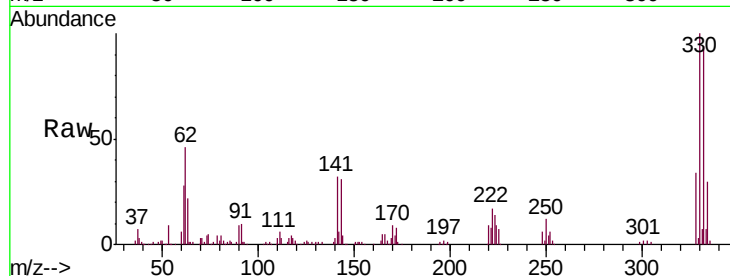




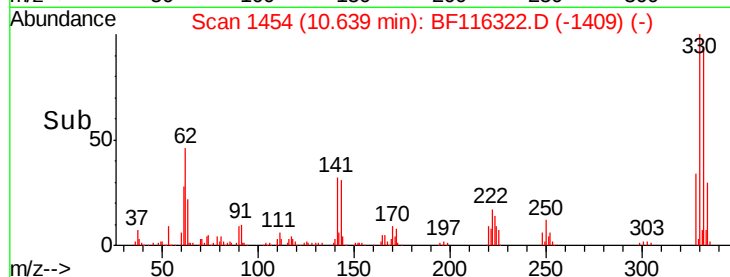
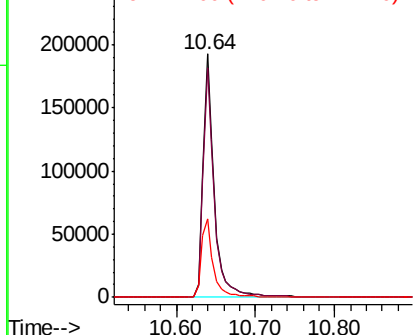
#42
 2,4,6-Tribromophenol
 Concen: 99.811 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116322.D
 Acq: 16 Aug 2019 15:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:330 Resp: 194236
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.8 115.2
 141 34.1 26.3 39.5

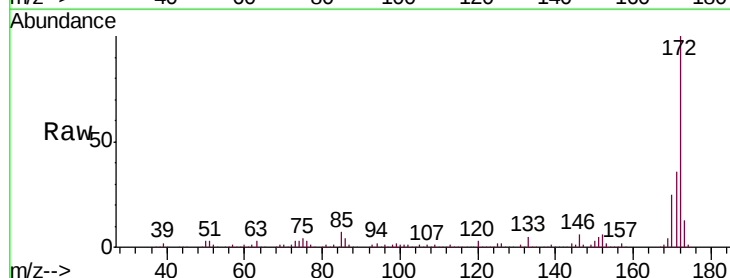


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

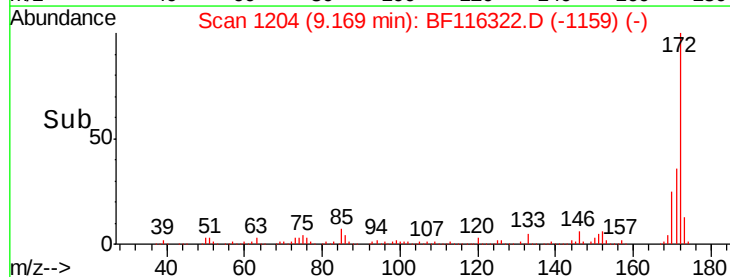
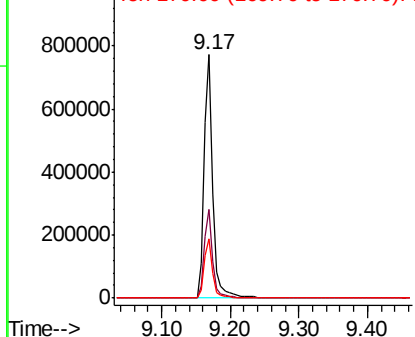


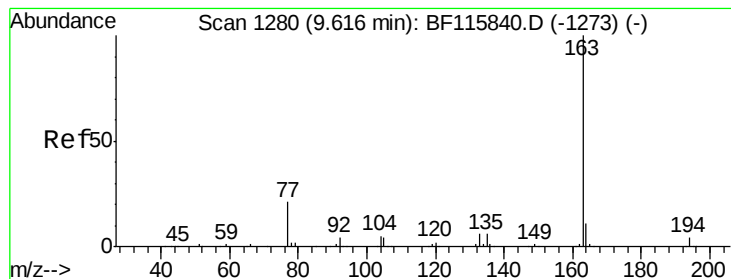
#45
 2-Fluorobiphenyl
 Concen: 66.023 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116322.D
 Acq: 16 Aug 2019 15:08

Tgt Ion:172 Resp: 707512
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.5 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: 14.318 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.04 min

Lab File: BF116322.D

Acq: 16 Aug 2019 15:08

Instrument :

BNA_F

ClientSampleId :

TP-2

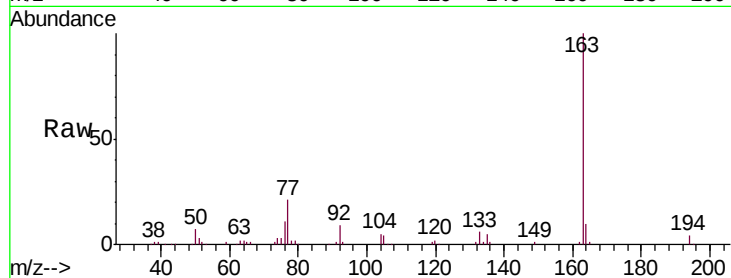
Tgt Ion:163 Resp: 195680

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.0 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

250000

200000

150000

100000

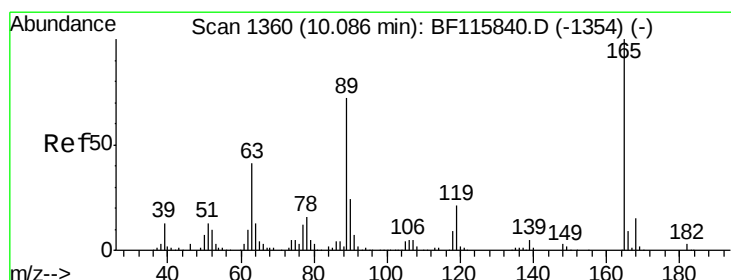
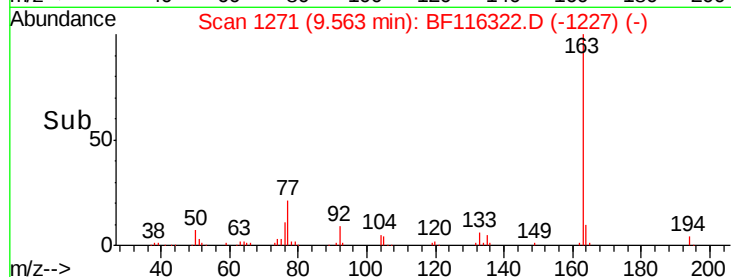
50000

0

9.56

9.50 9.60 9.70

Time-->



#57

2,4-Dinitrotoluene

Concen: 6.621 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.24 min

Lab File: BF116322.D

Acq: 16 Aug 2019 15:08

Tgt Ion:165 Resp: 26180

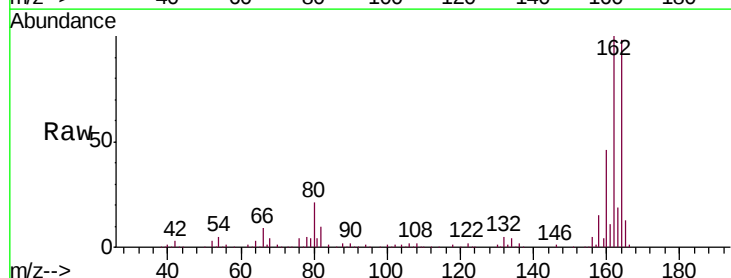
Ion Ratio Lower Upper

165 100

63 1.0 39.6 59.4#

89 1.2 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

40000

30000

20000

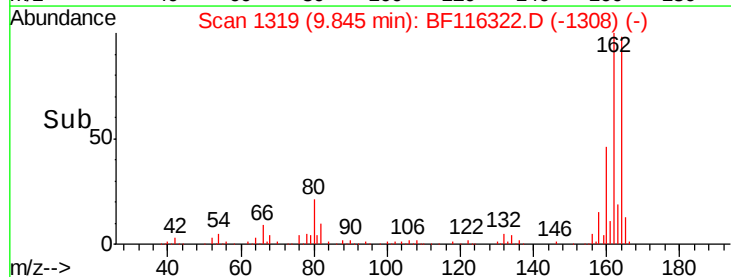
10000

0

9.85

9.80 9.85 9.90

Time-->

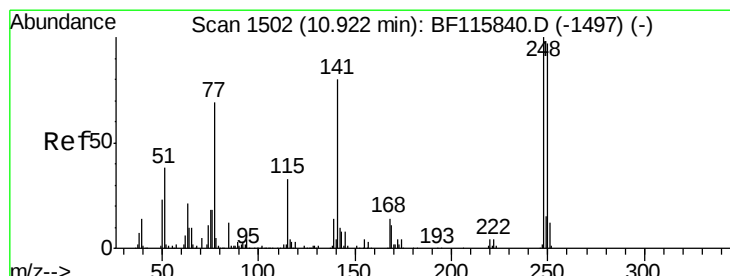
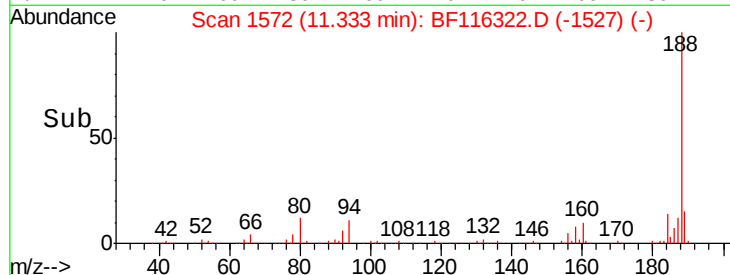
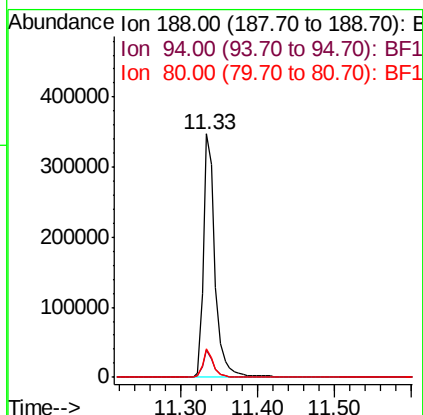
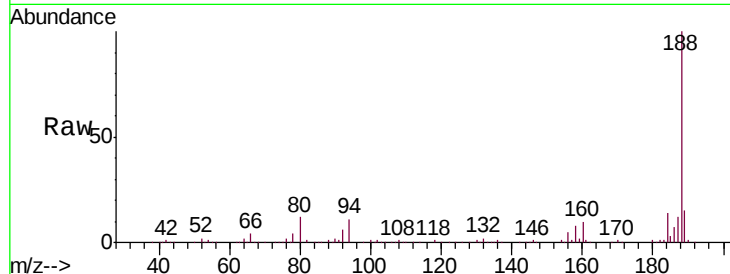




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.04 min
 Lab File: BF116322.D
 Acq: 16 Aug 2019 15:08

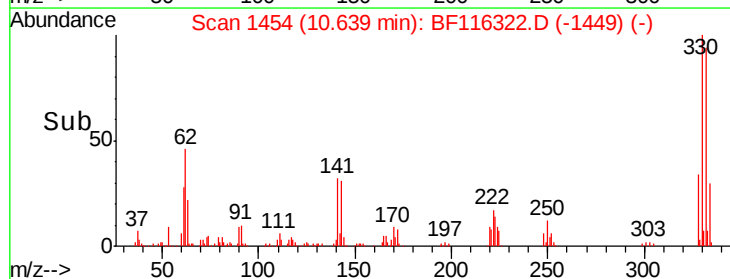
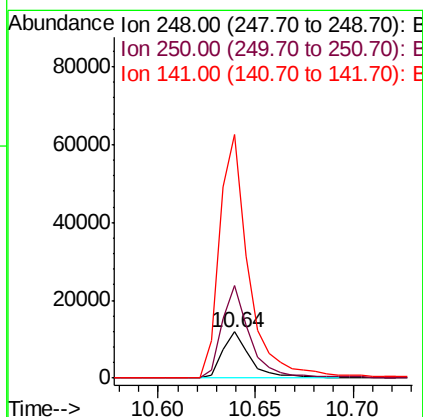
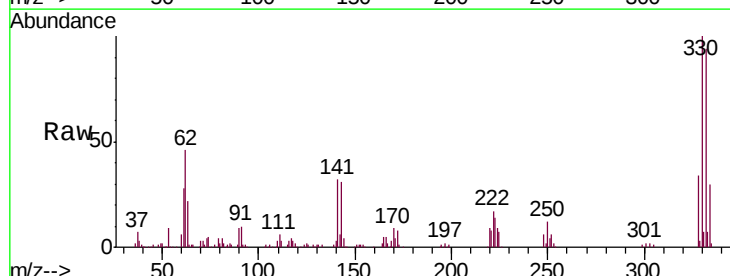
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:188 Resp: 364715
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.1 12.1
 80 11.5 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 2.987 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.27 min
 Lab File: BF116322.D
 Acq: 16 Aug 2019 15:08

Tgt Ion:248 Resp: 11661
 Ion Ratio Lower Upper
 248 100
 250 198.8 77.4 116.2#
 141 525.2 56.8 85.2#

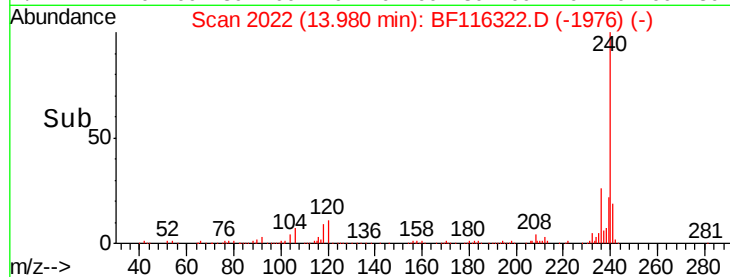
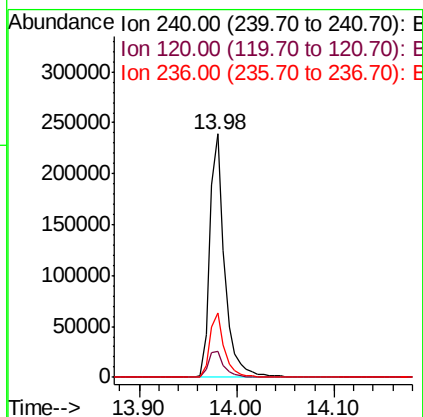
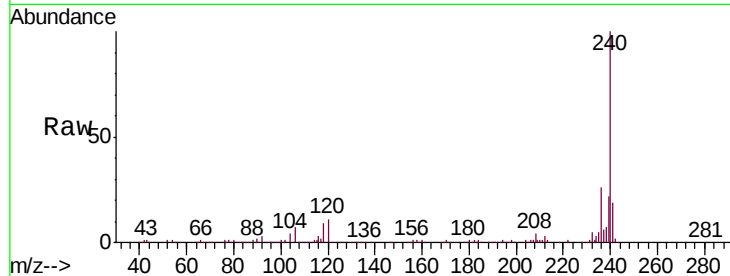




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116322.D
Acq: 16 Aug 2019 15:08

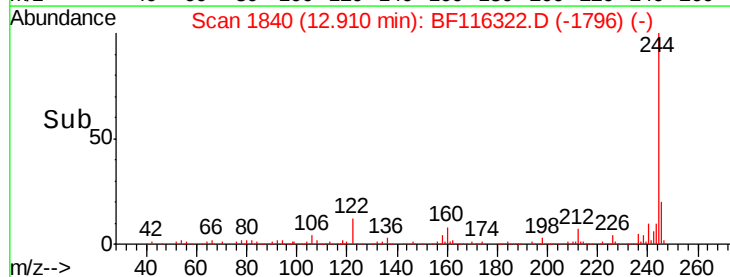
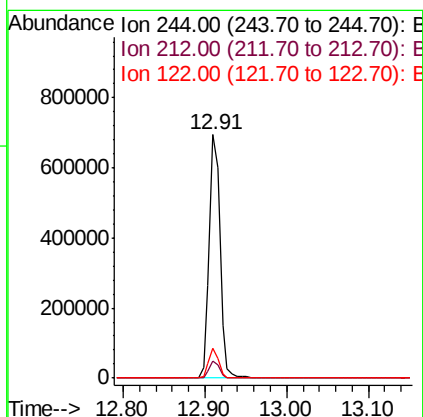
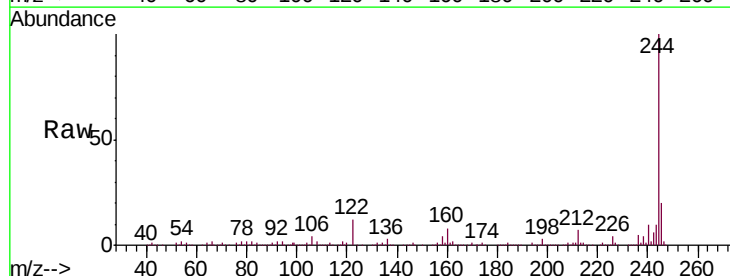
Instrument :
BNA_F
ClientSampleId :
TP-2

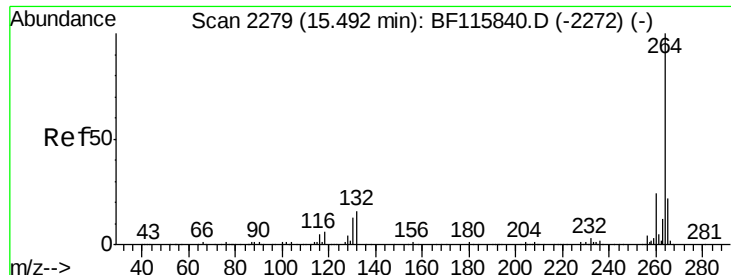
Tgt Ion:240 Resp: 250533
Ion Ratio Lower Upper
240 100
120 10.9 10.7 16.1
236 26.4 22.2 33.2



#79
Terphenyl-d14
Concen: 53.644 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.04 min
Lab File: BF116322.D
Acq: 16 Aug 2019 15:08

Tgt Ion:244 Resp: 637807
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 12.0 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116322.D
Acq: 16 Aug 2019 15:08

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.7	29.5
265	21.1	17.4	26.0

