

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081319\
 Data File : BF116229.D
 Acq On : 13 Aug 2019 14:07
 Operator : HP/JU
 Sample : K4200-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Quant Time: Aug 13 23:17:37 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

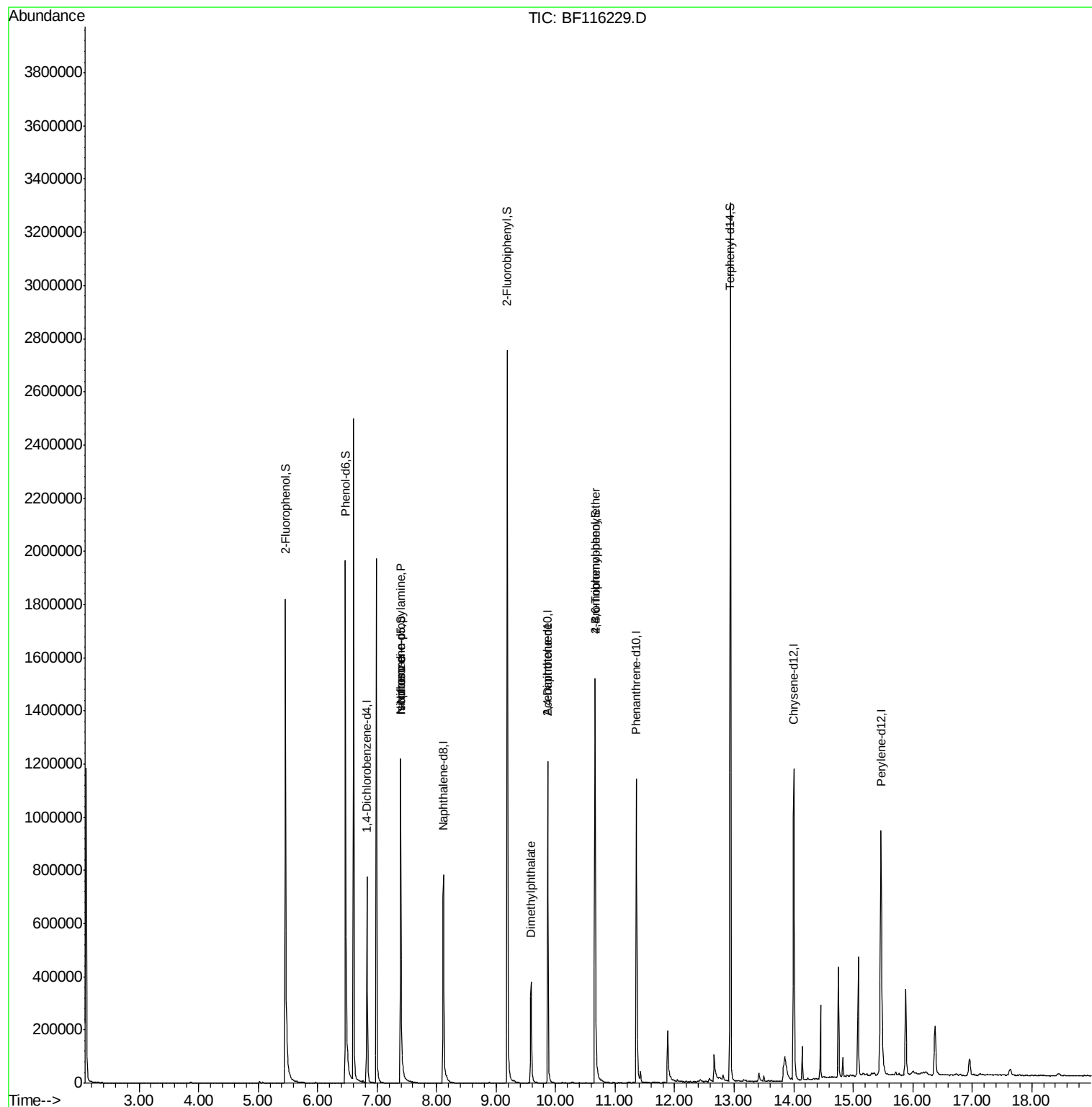
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	118193	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	470492	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	255420	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	495300	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	455319	20.00	ng	0.00
87) Perylene-d12	15.47	264	485446	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	649311	91.97	ng	-0.01
7) Phenol-d6	6.47	99	844663	94.82	ng	-0.02
23) Nitrobenzene-d5	7.40	82	540454	66.31	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	247295	99.86	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	948157	69.53	ng	-0.02
79) Terphenyl-d14	12.94	244	1163339	53.84	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	70372	12.749	ng	# 80
25) Isophorone	7.40	82	541574	34.748	ng	# 65
50) Dimethylphthalate	9.59	163	211453	12.159	ng	98
57) 2,4-Dinitrotoluene	9.87	165	32276	6.414	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	15048	2.838	ng	# 1

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

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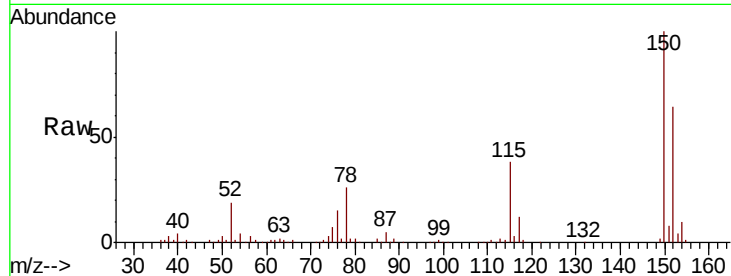


#1

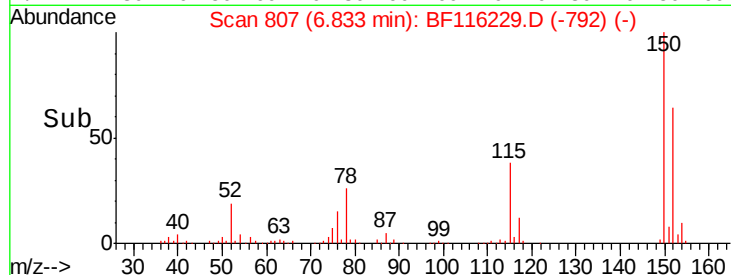
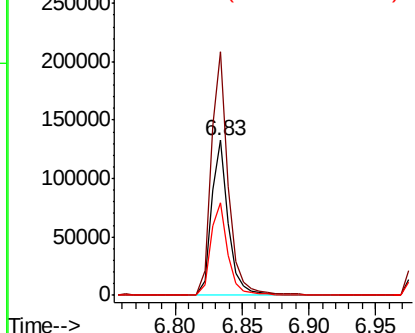
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116229.D
Acq: 13 Aug 2019 14:07

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:152 Resp: 118193
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 59.9 49.9 74.9



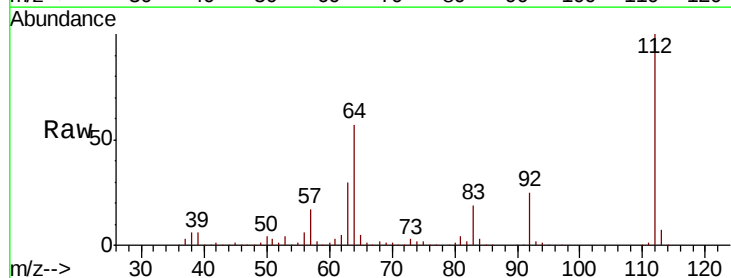
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



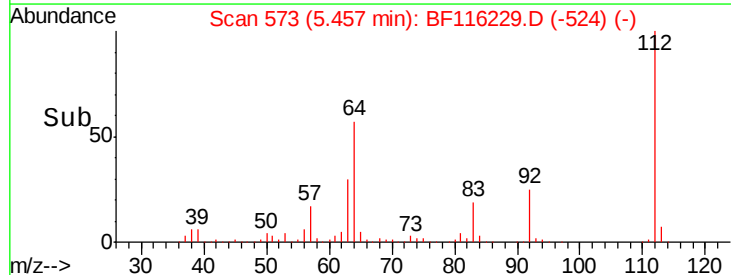
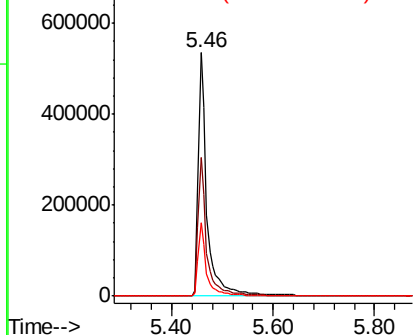
#5

2-Fluorophenol
Concen: 91.967 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116229.D
Acq: 13 Aug 2019 14:07

Tgt Ion:112 Resp: 649311
Ion Ratio Lower Upper
112 100
64 56.8 45.4 68.2
63 30.2 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: 94.823 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116229.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_F

ClientSampled :

TP-14

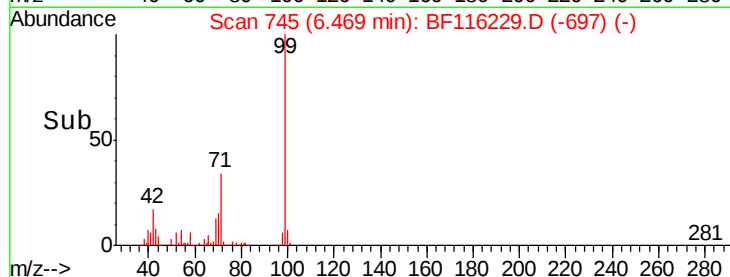
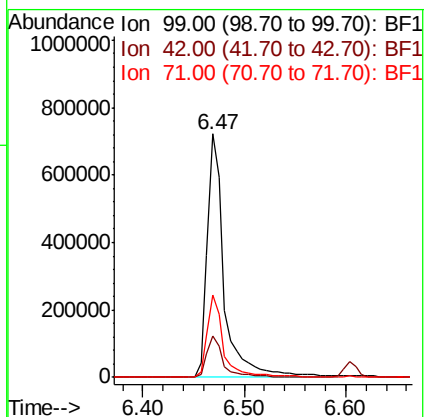
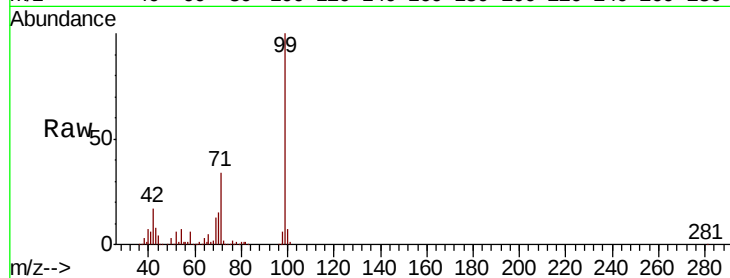
Tgt Ion: 99 Resp: 844663

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

71 33.9 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 12.749 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116229.D

Acq: 13 Aug 2019 14:07

Tgt Ion: 70 Resp: 70372

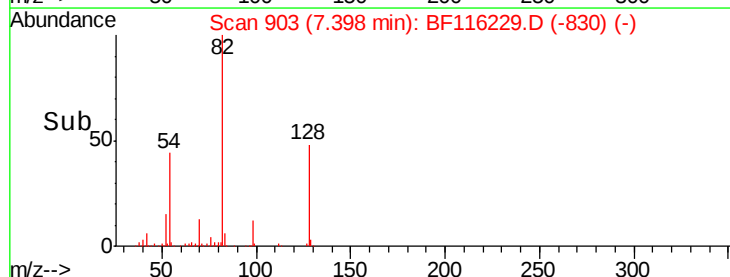
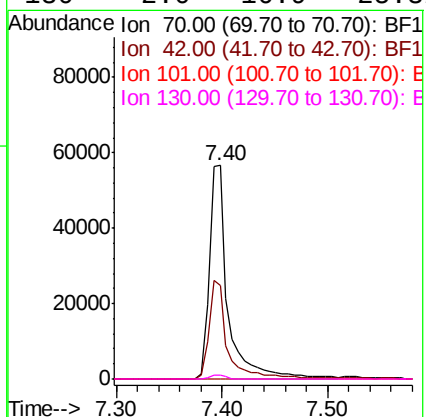
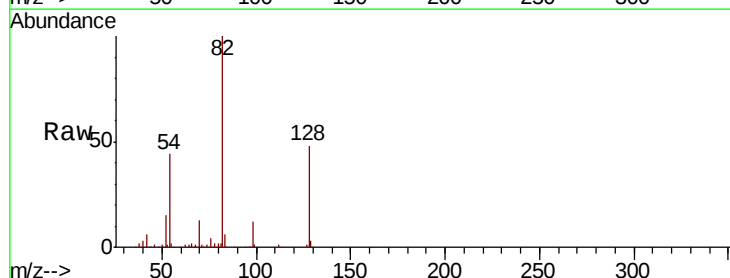
Ion Ratio Lower Upper

70 100

42 43.5 40.9 61.3

101 0.0 7.9 11.9#

130 2.0 16.9 25.3#

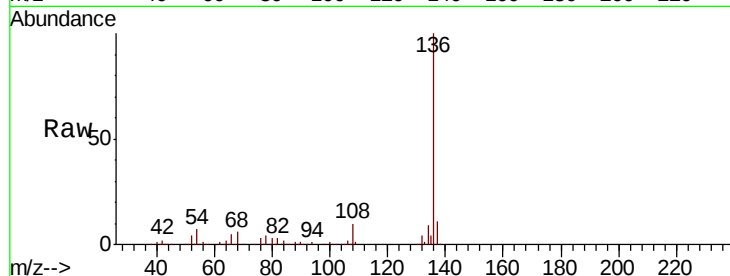




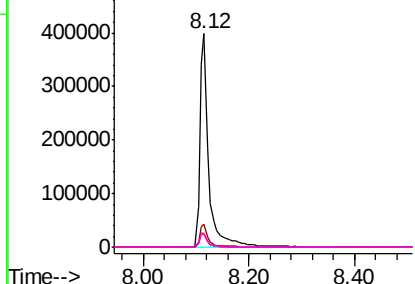
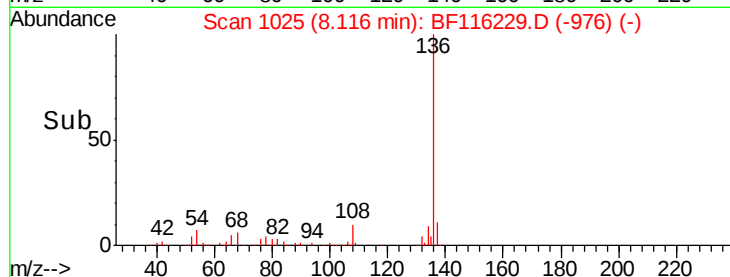
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116229.D
Acq: 13 Aug 2019 14:07

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:	136	Resp:	470492
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.6	5.8	8.6
68	6.1	5.2	7.8

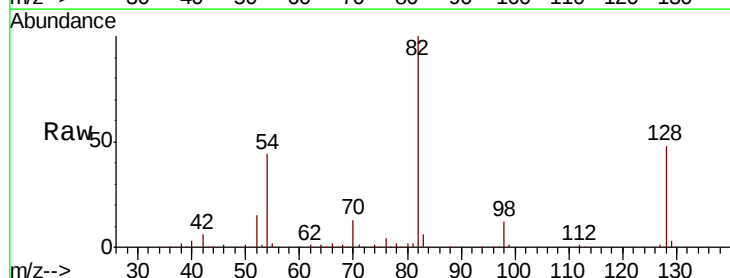


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

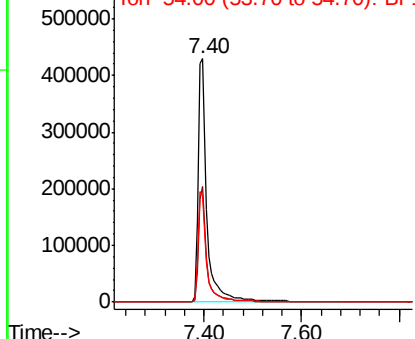
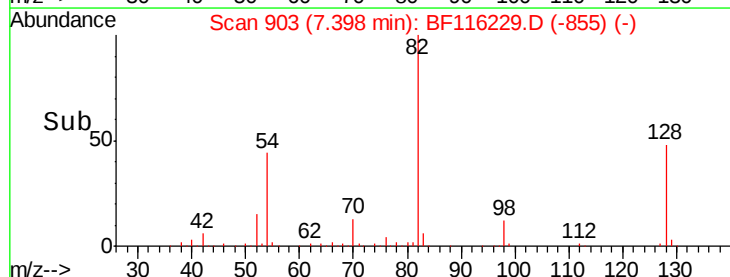


#23
Nitrobenzene-d5
Concen: 66.306 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116229.D
Acq: 13 Aug 2019 14:07

Tgt Ion:	82	Resp:	540454
Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.5	54.7
54	44.0	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: 34.748 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116229.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_F

ClientSampleID :

TP-14

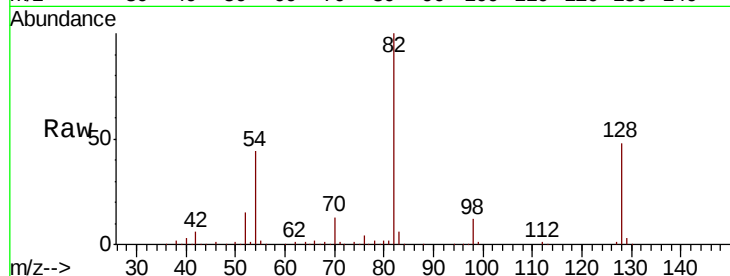
Tgt Ion: 82 Resp: 541574

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

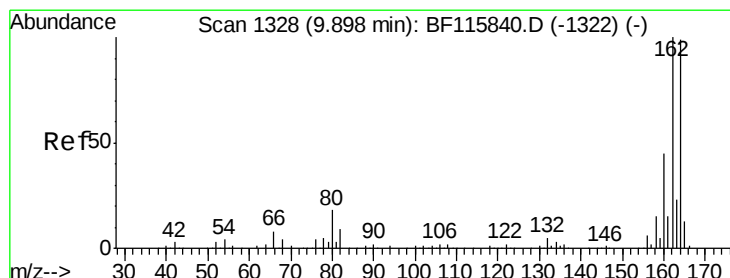
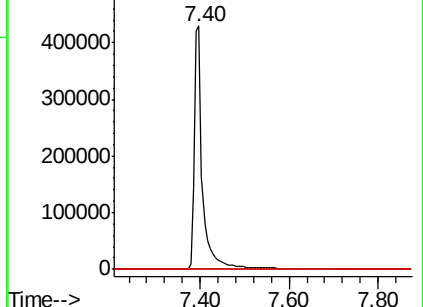
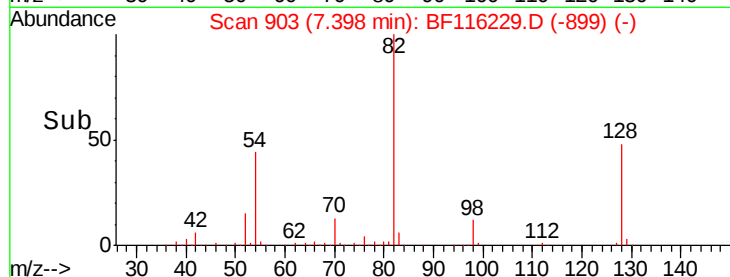
138 0.0 14.5 21.7#



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): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116229.D

Acq: 13 Aug 2019 14:07

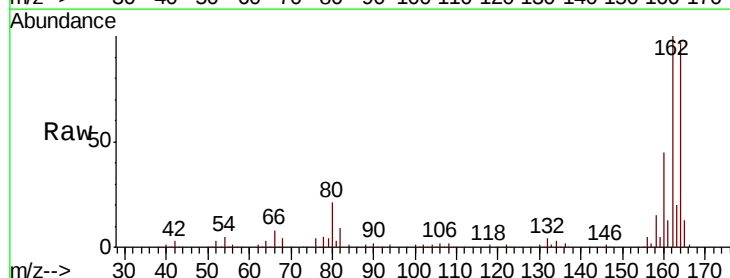
Tgt Ion: 164 Resp: 255420

Ion Ratio Lower Upper

164 100

162 103.6 82.6 124.0

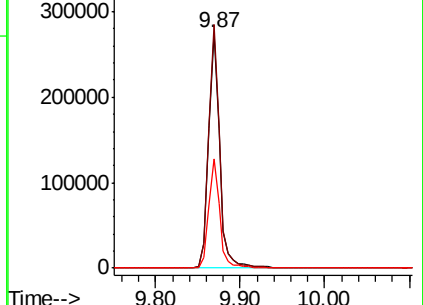
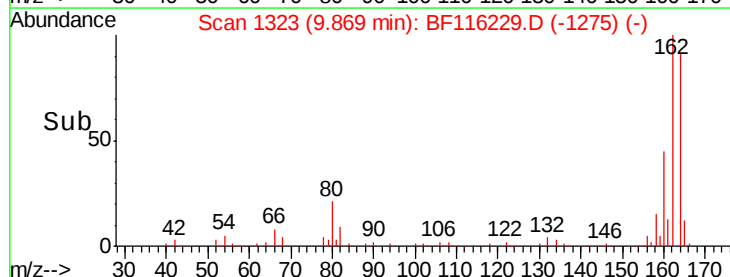
160 46.4 37.6 56.4



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: 99.862 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116229.D

Acq: 13 Aug 2019 14:07

Instrument :

BNA_F

ClientSampled :

TP-14

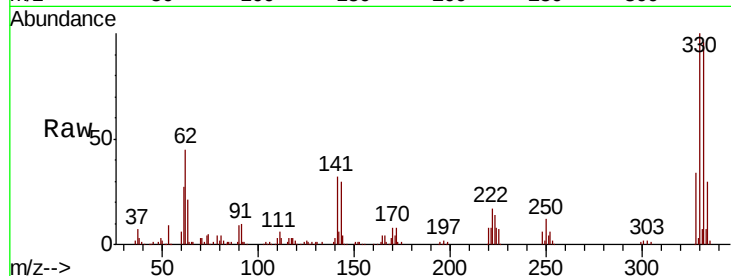
Tgt Ion:330 Resp: 247295

Ion Ratio Lower Upper

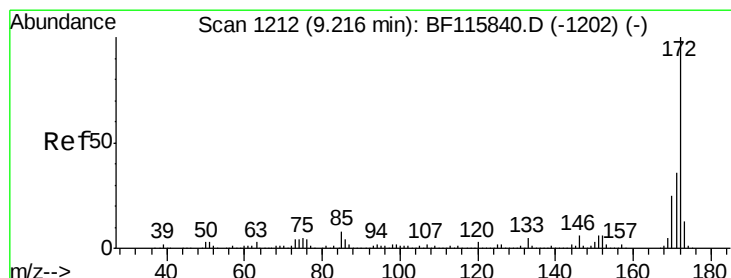
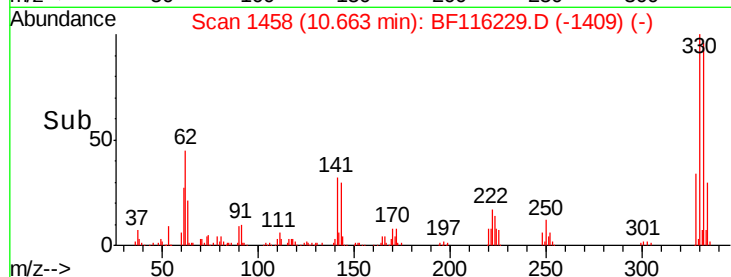
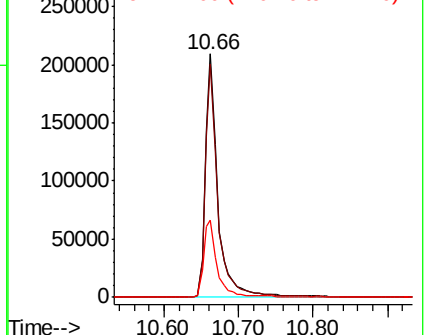
330 100

332 96.5 76.8 115.2

141 34.6 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: 69.531 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116229.D

Acq: 13 Aug 2019 14:07

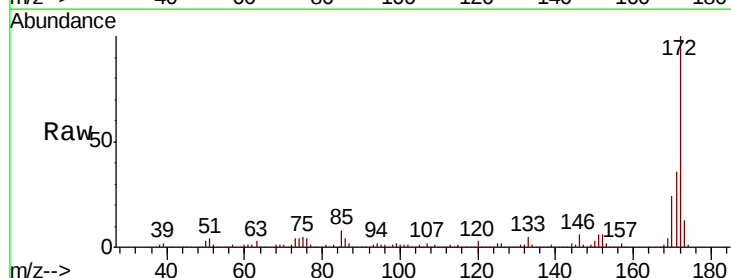
Tgt Ion:172 Resp: 948157

Ion Ratio Lower Upper

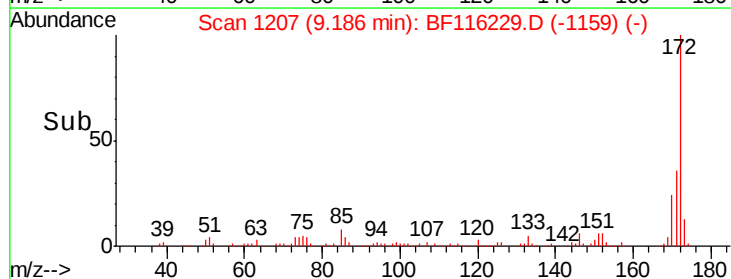
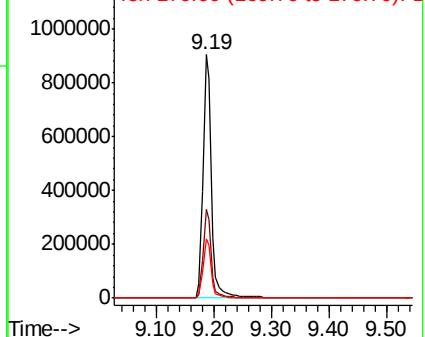
172 100

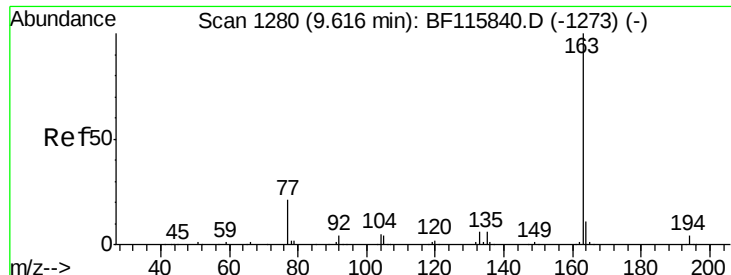
171 36.3 29.6 44.4

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

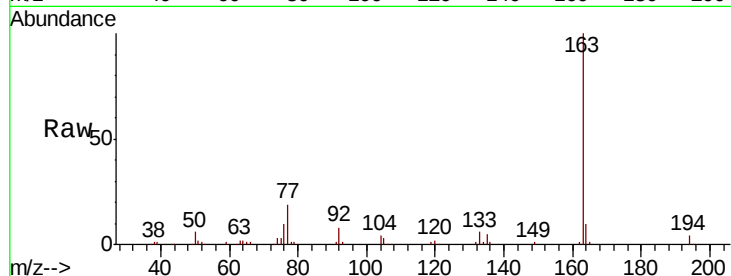




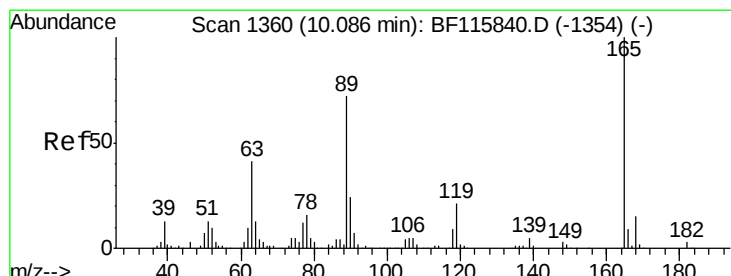
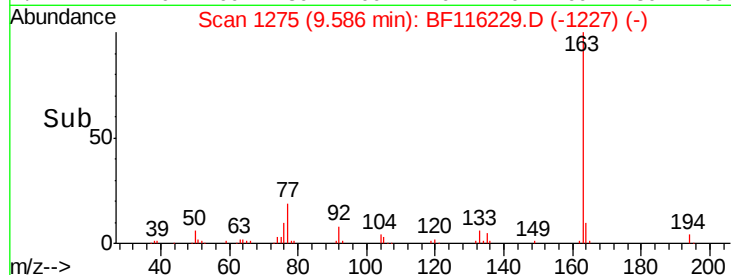
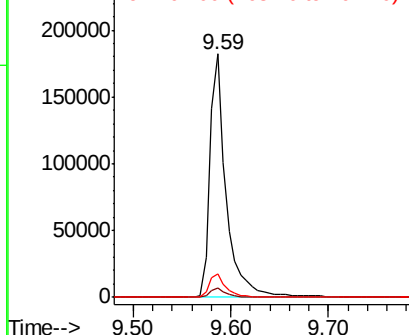
#50
 Dimethylphthalate
 Concen: 12.159 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF116229.D
 Acq: 13 Aug 2019 14:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Tgt Ion:	163	Resp:	211453
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	9.7	8.4	12.6

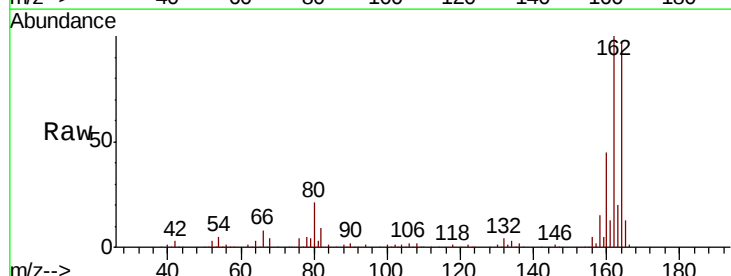


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

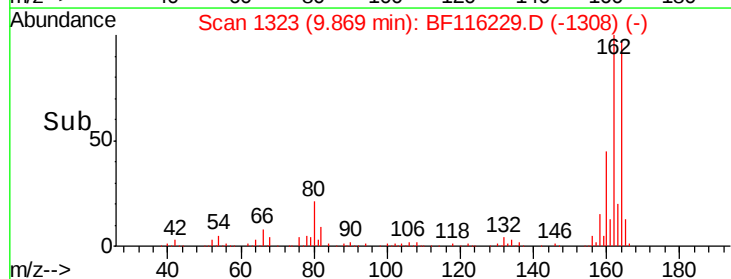
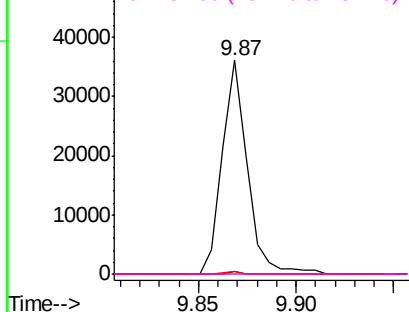


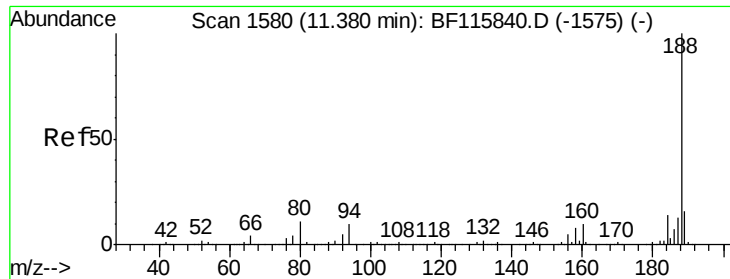
#57
 2,4-Dinitrotoluene
 Concen: 6.414 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116229.D
 Acq: 13 Aug 2019 14:07

Tgt Ion:	165	Resp:	32276
Ion	Ratio	Lower	Upper
165	100		
63	1.1	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

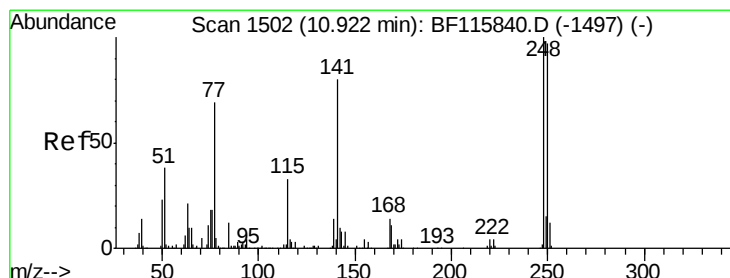
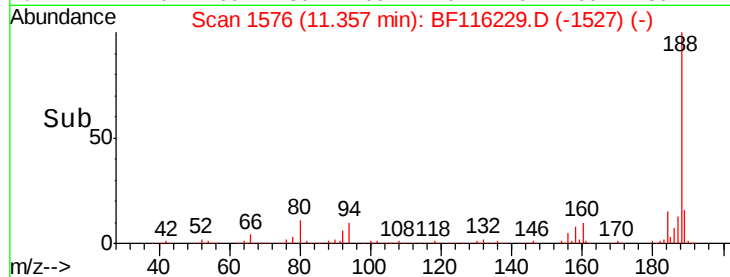
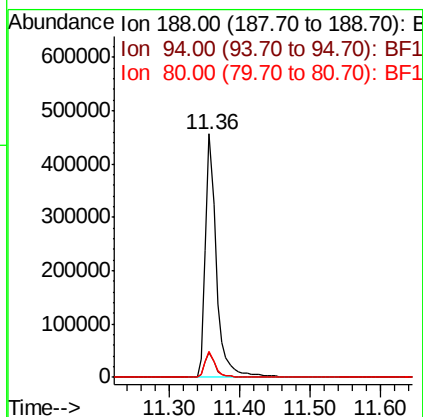
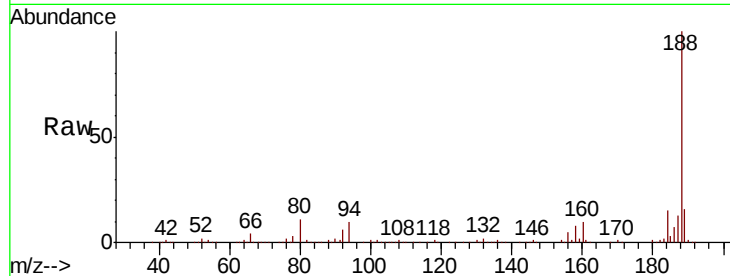




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116229.D
 Acq: 13 Aug 2019 14:07

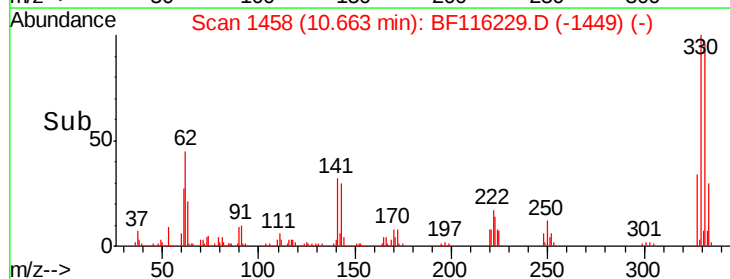
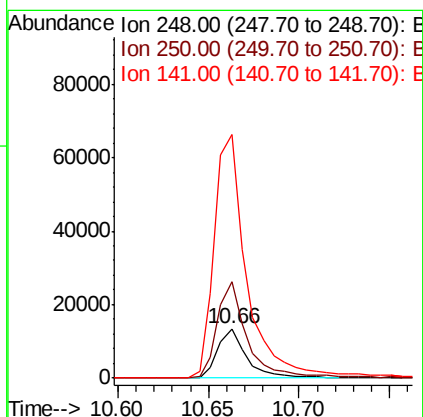
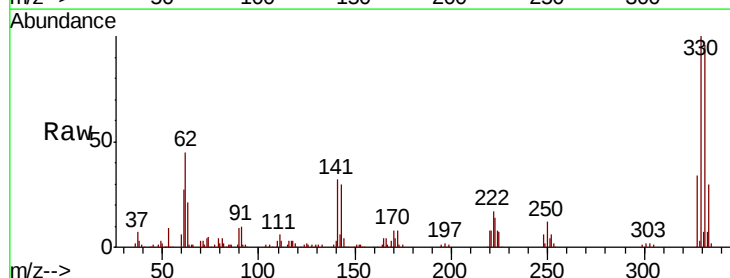
Instrument :
 BNA_F
 ClientSampleId :
 TP-14

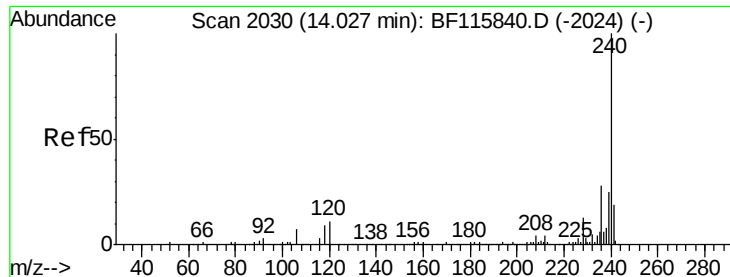
Tgt Ion:188 Resp: 495300
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.1 12.1
 80 10.9 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 2.838 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116229.D
 Acq: 13 Aug 2019 14:07

Tgt Ion:248 Resp: 15048
 Ion Ratio Lower Upper
 248 100
 250 193.9 77.4 116.2#
 141 492.3 56.8 85.2#

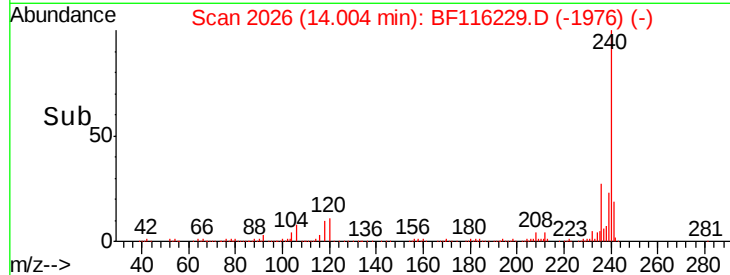
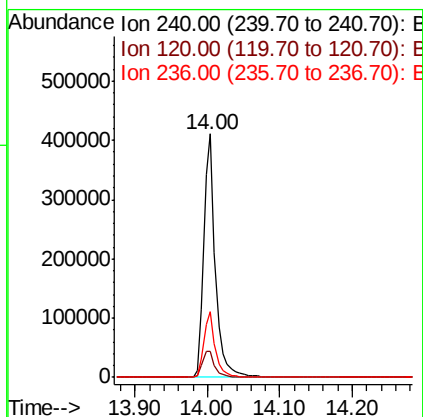
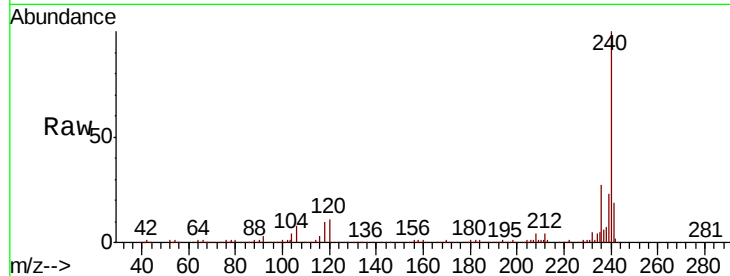




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116229.D
Acq: 13 Aug 2019 14:07

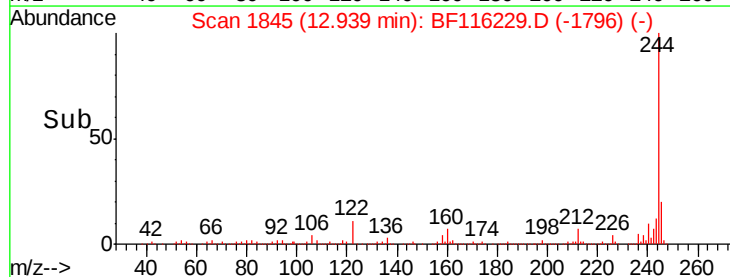
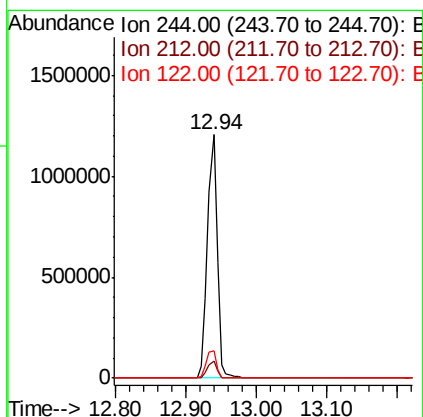
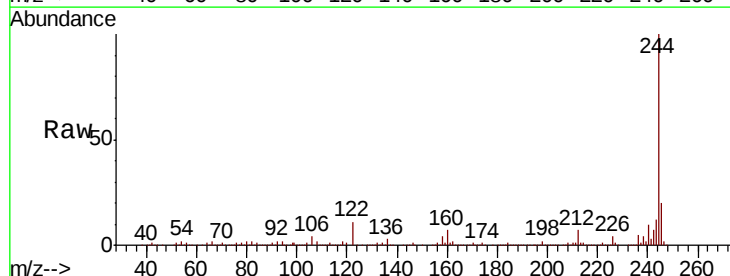
Instrument :
BNA_F
ClientSampleId :
TP-14

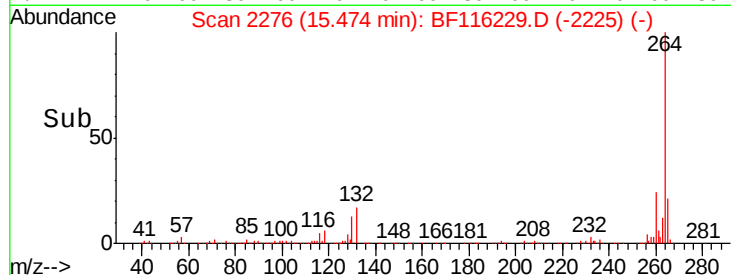
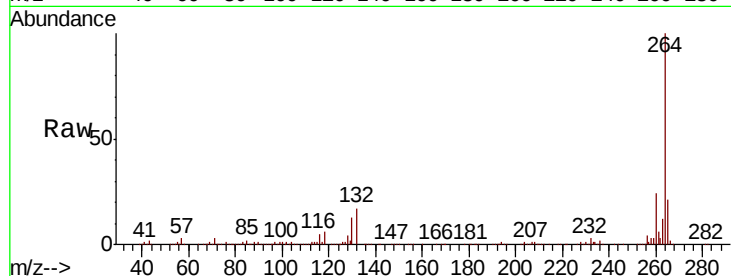
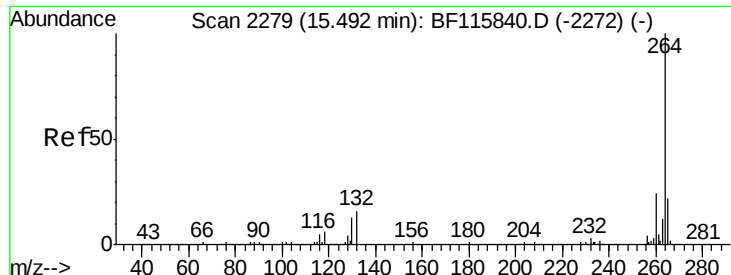
Tgt Ion:240 Resp: 455319
Ion Ratio Lower Upper
240 100
120 10.9 10.7 16.1
236 27.2 22.2 33.2



#79
Terphenyl-d14
Concen: 53.838 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116229.D
Acq: 13 Aug 2019 14:07

Tgt Ion:244 Resp: 1163339
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 11.5 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF116229.D
Acq: 13 Aug 2019 14:07

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion:	264	Resp:	485446
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	20.9	17.4	26.0

