

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081419\
 Data File : BF116261.D
 Acq On : 14 Aug 2019 14:13
 Operator : HP/JU
 Sample : K4292-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-WS

Quant Time: Aug 14 16:31:53 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

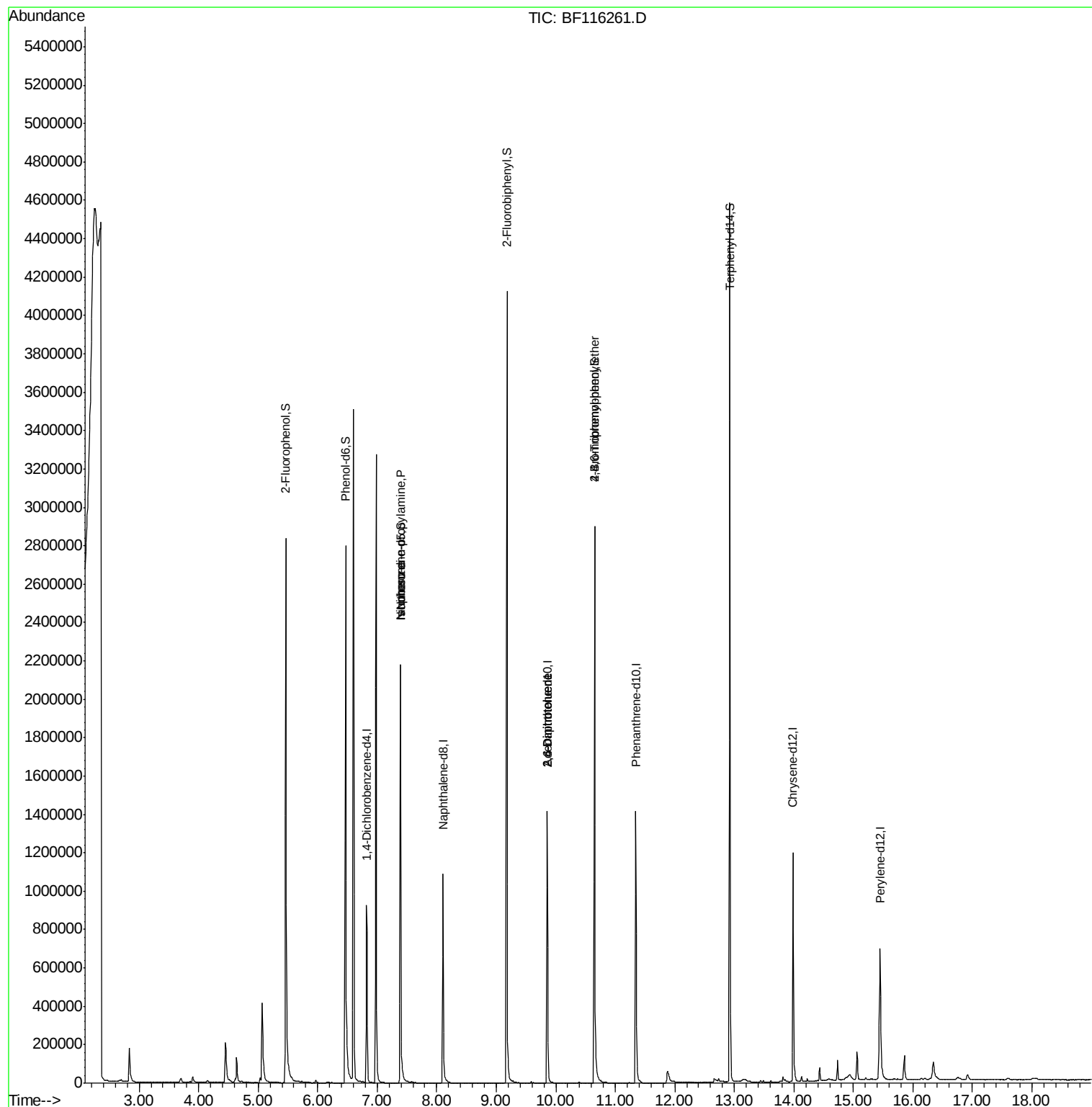
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	146964	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	575268	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	313985	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	582103	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	458336	20.00	ng	-0.02
87) Perylene-d12	15.45	264	398399	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1021686	116.38	ng	0.00
7) Phenol-d6	6.47	99	1245408	112.44	ng	-0.02
23) Nitrobenzene-d5	7.39	82	956506	95.98	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	428415	140.73	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1592205	94.98	ng	-0.02
79) Terphenyl-d14	12.93	244	1888235	86.81	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	126835	18.479	ng	# 78
25) Isophorone	7.39	82	956502	50.193	ng	# 65
51) 2,6-Dinitrotoluene	9.86	165	39910	8.590	ng	# 29
57) 2,4-Dinitrotoluene	9.86	165	39910	6.452	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	26443	4.244	ng	# 1

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

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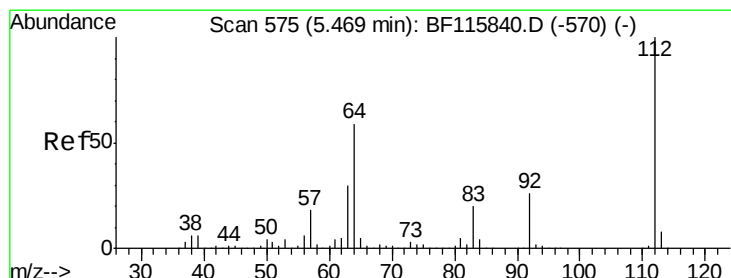
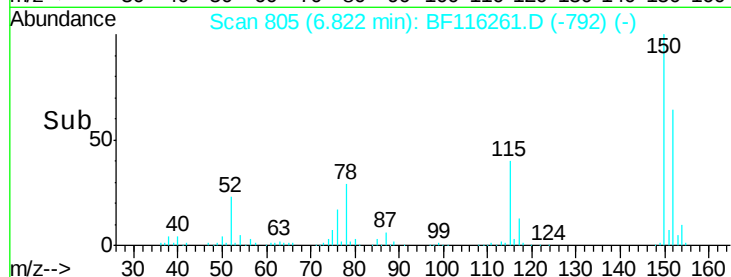
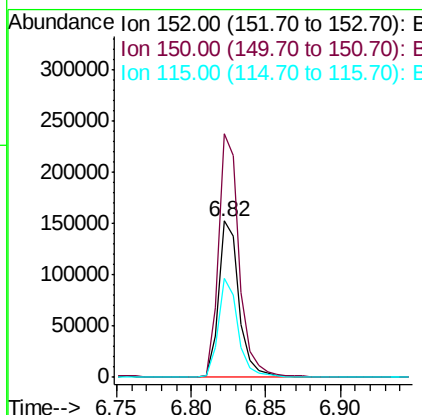
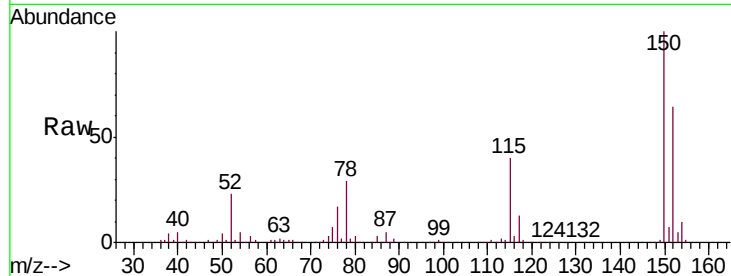




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF116261.D
 Acq: 14 Aug 2019 14:13

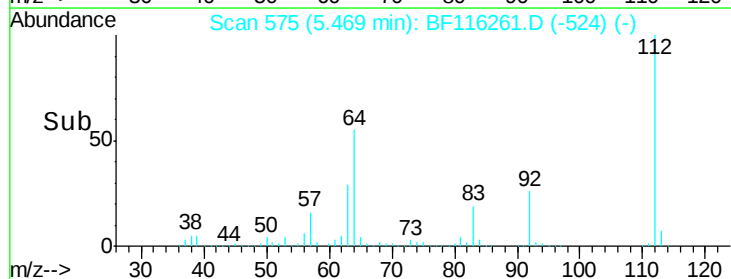
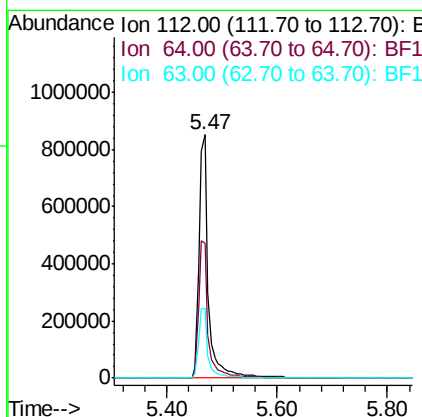
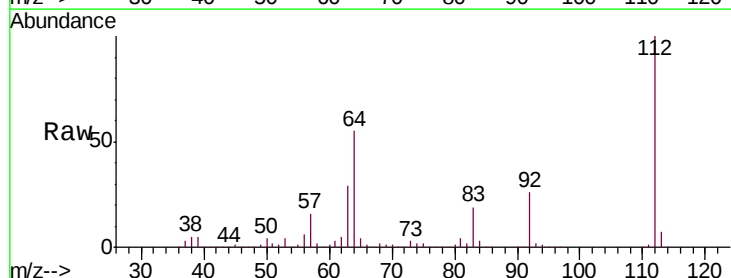
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-WS

Tgt Ion:152 Resp: 146964
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.2 189.2
 115 62.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 116.380 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF116261.D
 Acq: 14 Aug 2019 14:13

Tgt Ion:112 Resp: 1021686
 Ion Ratio Lower Upper
 112 100
 64 55.3 45.4 68.2
 63 28.8 23.7 35.5





#7

Phenol-d6

Concen: 112.441 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116261.D

Acq: 14 Aug 2019 14:13

Instrument :

BNA_F

ClientSampleId :

RO-COMP-WS

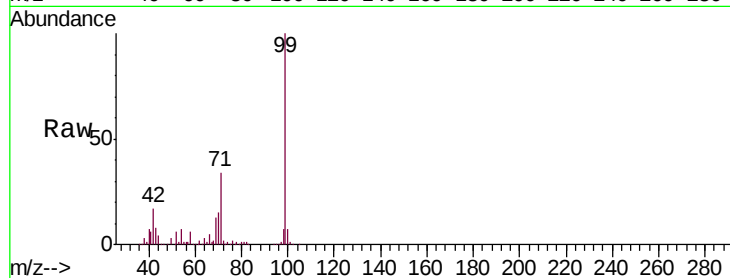
Tgt Ion: 99 Resp: 1245408

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.8

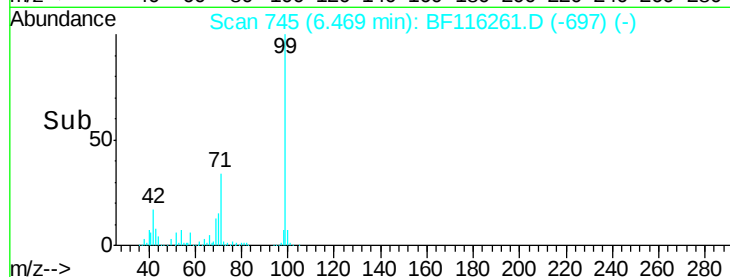
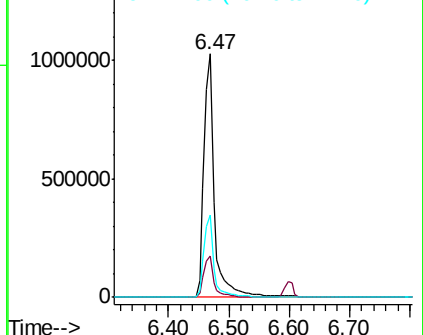
71 33.9 27.3 40.9



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: 18.479 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.12 min

Lab File: BF116261.D

Acq: 14 Aug 2019 14:13

Tgt Ion: 70 Resp: 126835

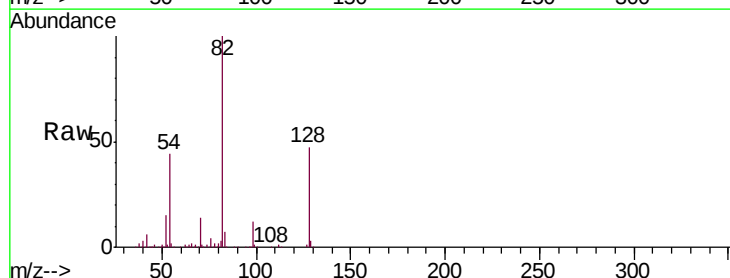
Ion Ratio Lower Upper

70 100

42 41.7 40.9 61.3

101 0.0 7.9 11.9#

130 2.3 16.9 25.3#

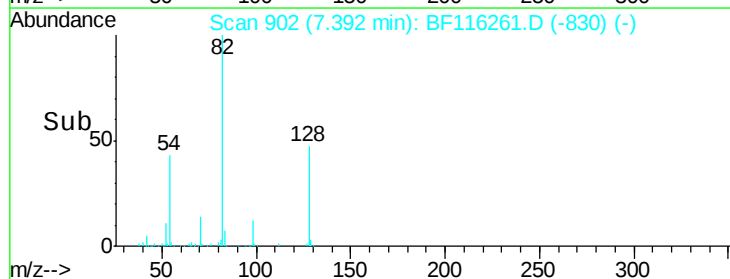
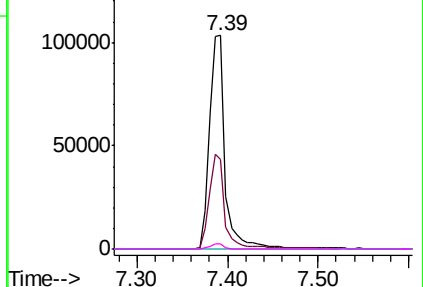


Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 1023

Delta R.T. -0.02 min

Lab File: BF116261.D

Acq: 14 Aug 2019 14:13

Instrument :

BNA_F

ClientSampleId :

RO-COMP-WS

Tgt Ion: 136 Resp: 575268

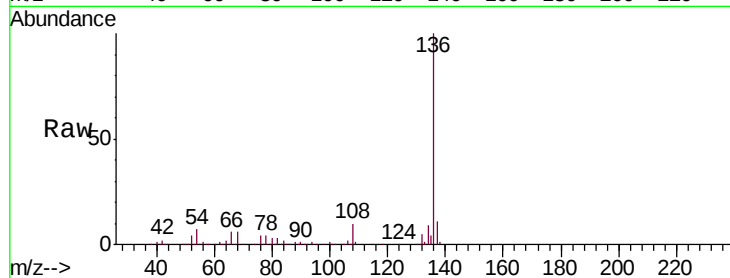
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.1 5.8 8.6

68 6.2 5.2 7.8

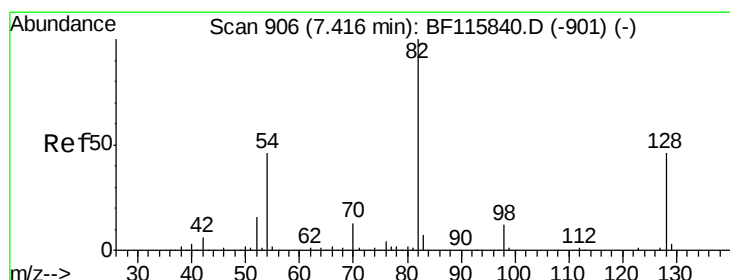
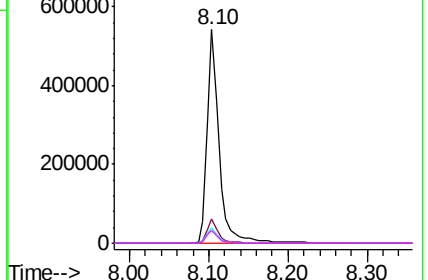
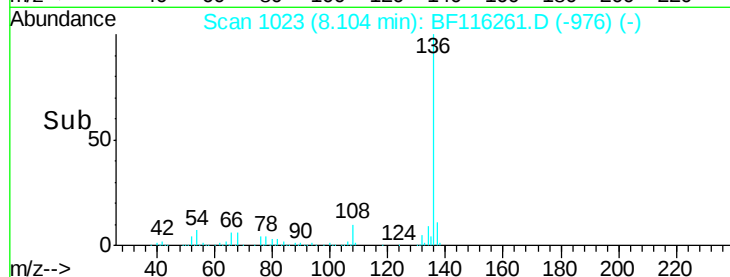


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.977 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF116261.D

Acq: 14 Aug 2019 14:13

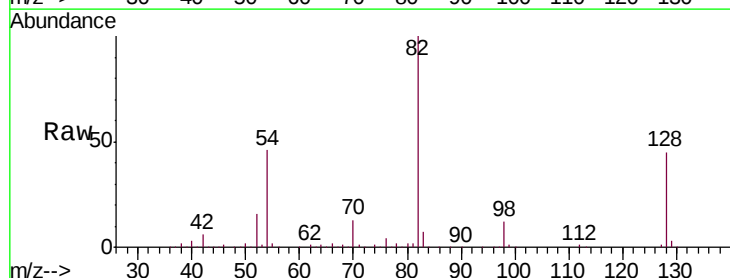
Tgt Ion: 82 Resp: 956506

Ion Ratio Lower Upper

82 100

128 45.0 36.5 54.7

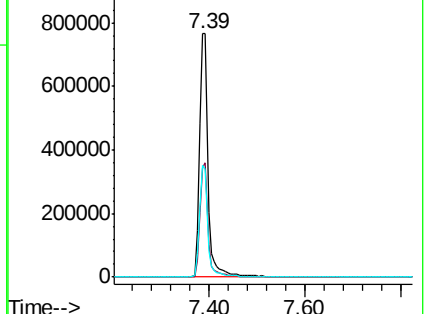
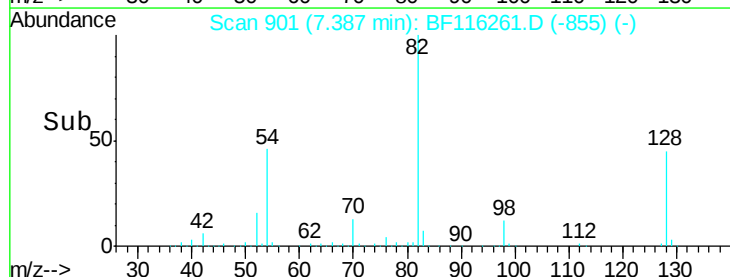
54 45.6 36.0 54.0



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: 50.193 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.29 min

Lab File: BF116261.D

Acq: 14 Aug 2019 14:13

Instrument :

BNA_F

ClientSampleId :

RO-COMP-WS

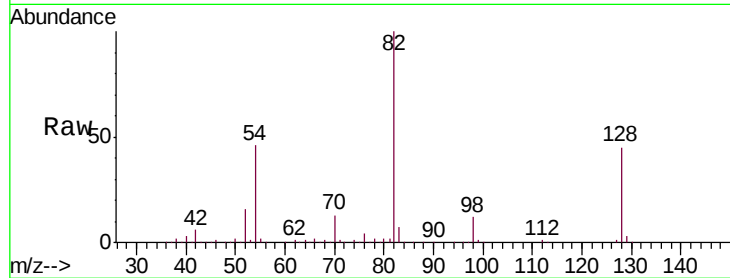
Tgt Ion: 82 Resp: 956502

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 14.5 21.7#



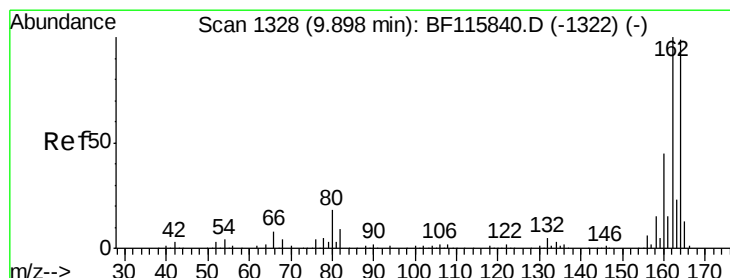
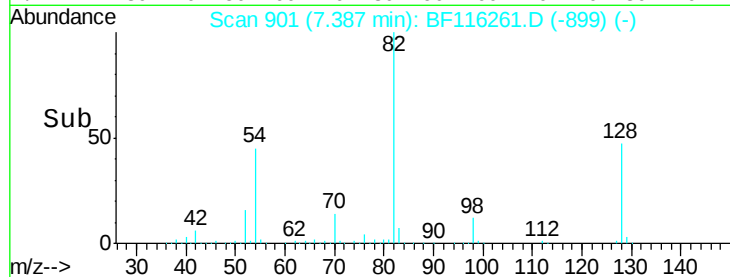
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

7.39

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.03 min

Lab File: BF116261.D

Acq: 14 Aug 2019 14:13

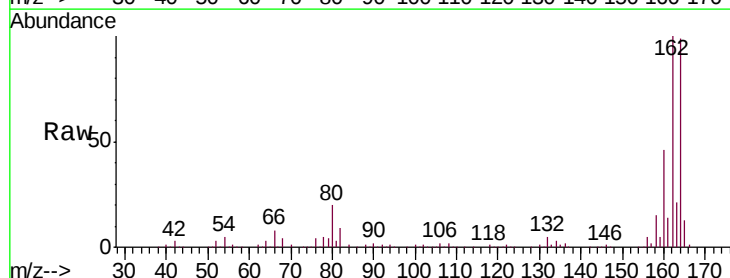
Tgt Ion: 164 Resp: 313985

Ion Ratio Lower Upper

164 100

162 100.8 82.6 124.0

160 46.1 37.6 56.4



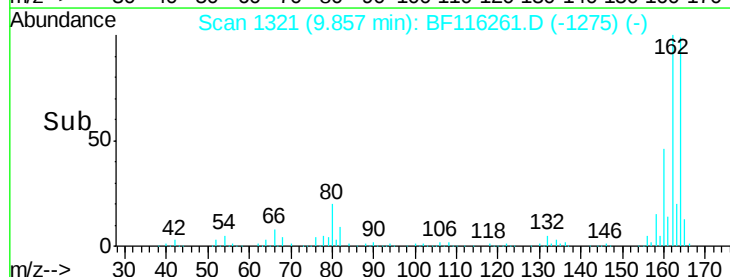
Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

9.86

Time-->





#42

2,4,6-Tribromophenol

Concen: 140.733 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF116261.D

Acq: 14 Aug 2019 14:13

Instrument :

BNA_F

ClientSampleId :

RO-COMP-WS

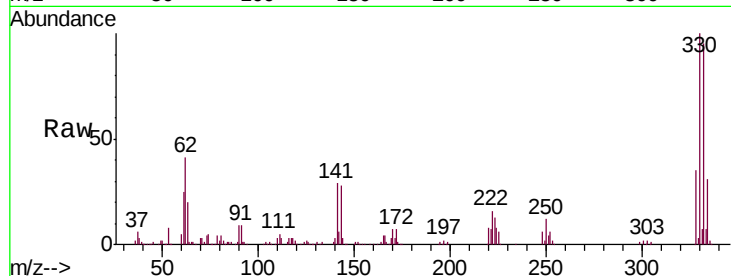
Tgt Ion:330 Resp: 428415

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

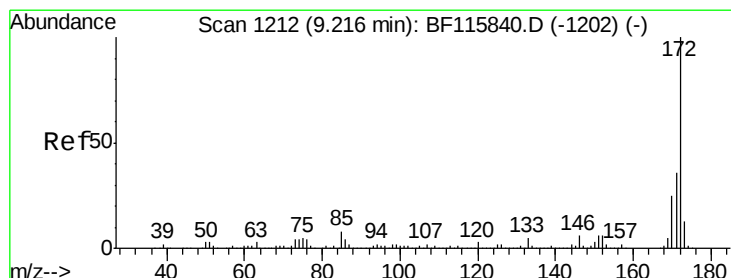
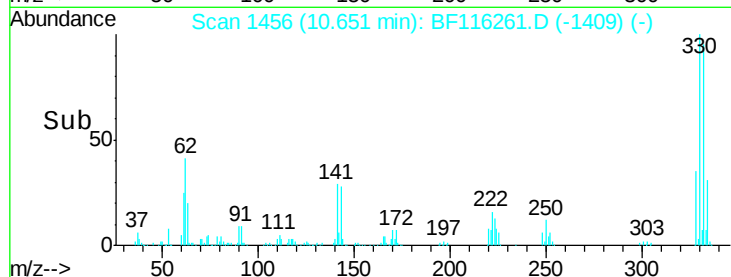
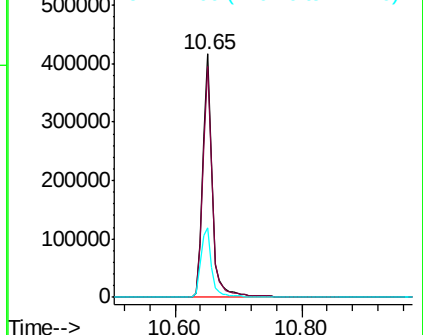
141 32.6 26.3 39.5



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: 94.983 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.02 min

Lab File: BF116261.D

Acq: 14 Aug 2019 14:13

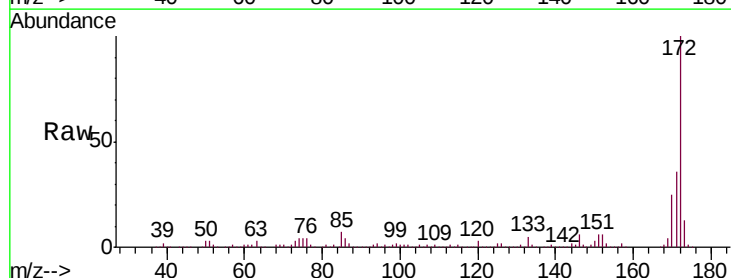
Tgt Ion:172 Resp: 1592205

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

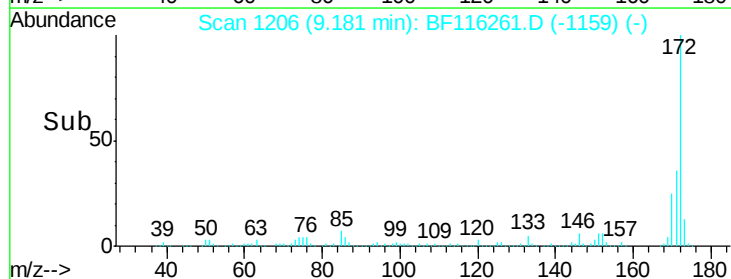
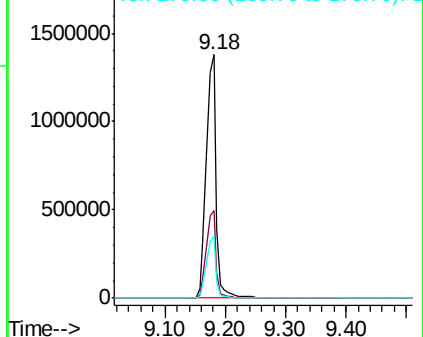
170 25.2 20.1 30.1

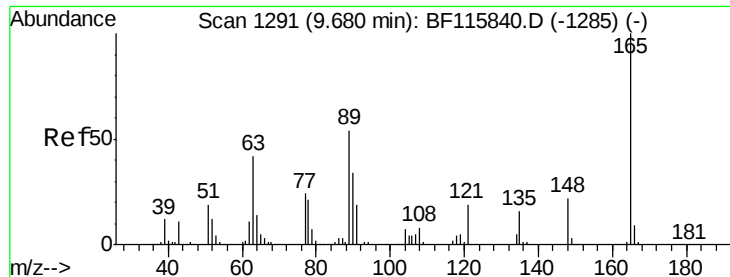


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

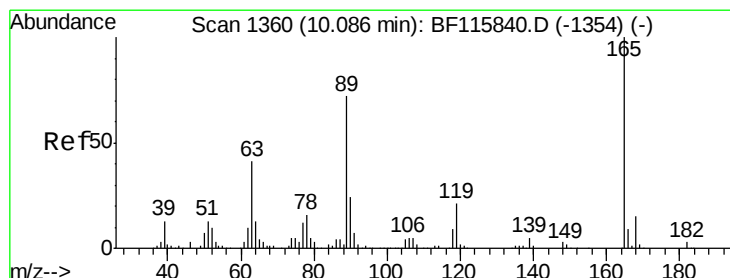
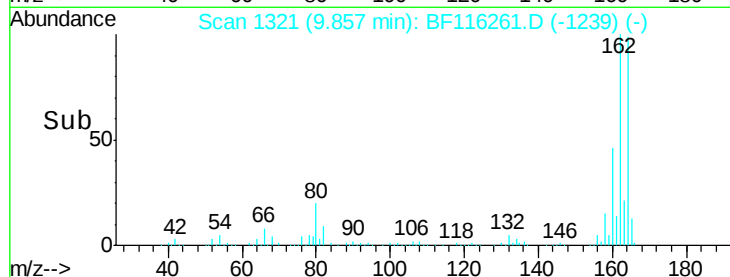
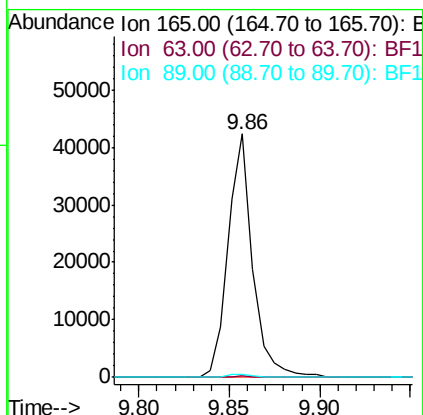
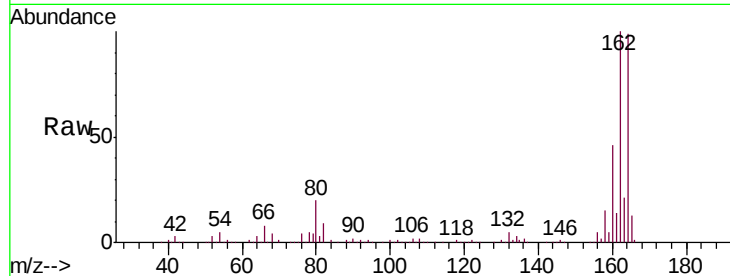




#51
 2,6-Dinitrotoluene
 Concen: 8.590 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.18 min
 Lab File: BF116261.D
 Acq: 14 Aug 2019 14:13

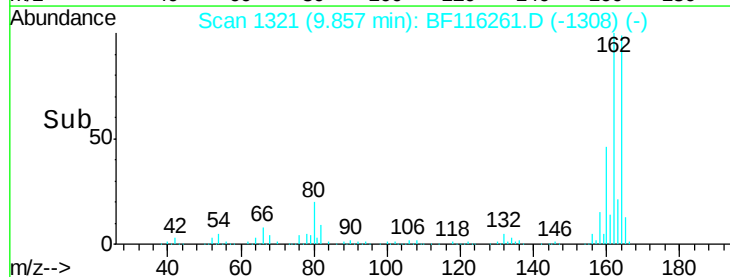
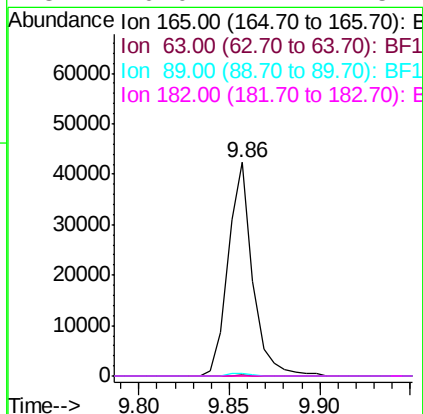
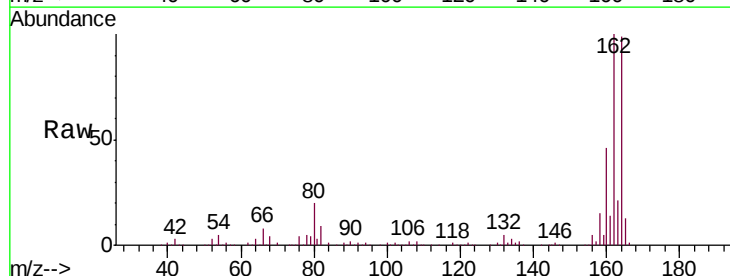
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-WS

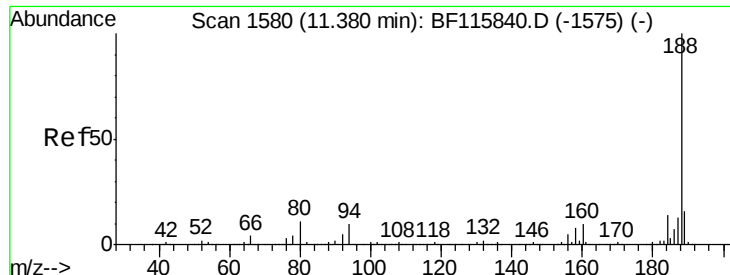
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	38.2	57.2#
89	1.4	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.452 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.22 min
 Lab File: BF116261.D
 Acq: 14 Aug 2019 14:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.6	59.4#
89	1.4	62.2	93.2#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BF116261.D

Acq: 14 Aug 2019 14:13

Instrument :

BNA_F

ClientSampleId :

RO-COMP-WS

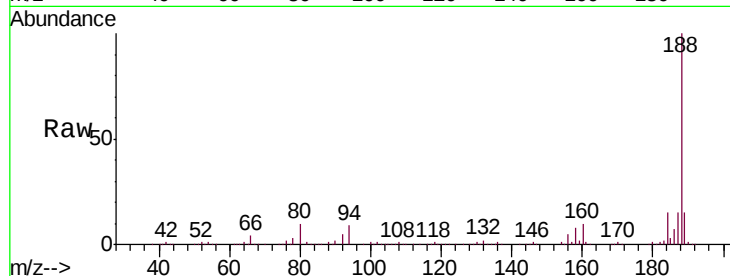
Tgt Ion:188 Resp: 582103

Ion Ratio Lower Upper

188 100

94 9.3 8.1 12.1

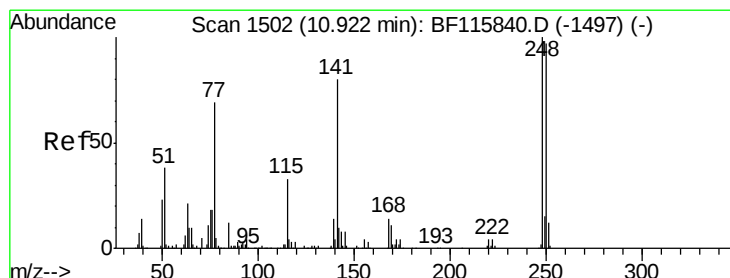
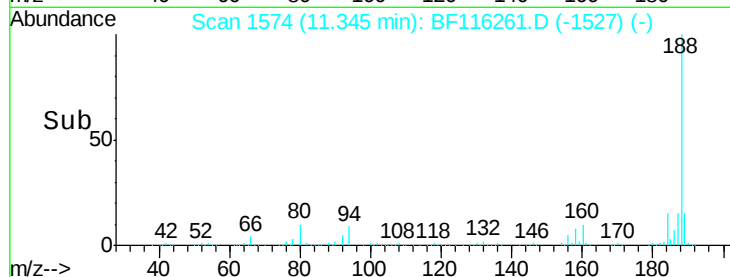
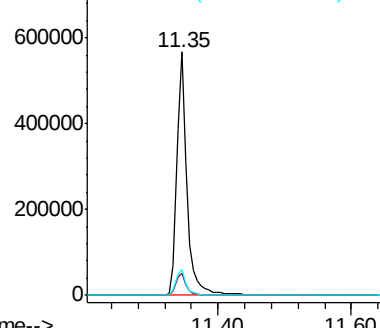
80 10.4 8.7 13.1



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: 4.244 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.26 min

Lab File: BF116261.D

Acq: 14 Aug 2019 14:13

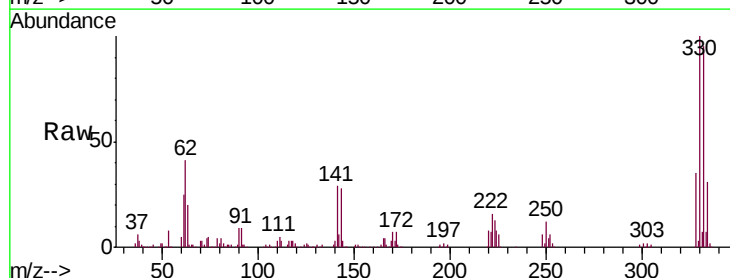
Tgt Ion:248 Resp: 26443

Ion Ratio Lower Upper

248 100

250 199.3 77.4 116.2#

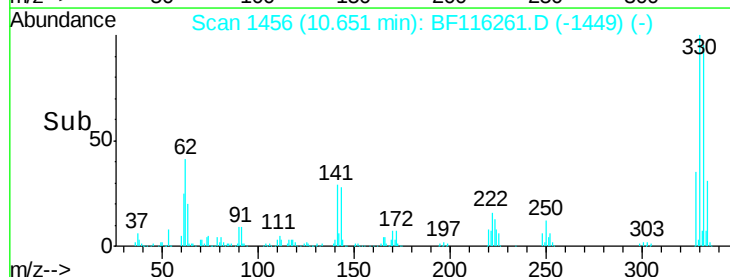
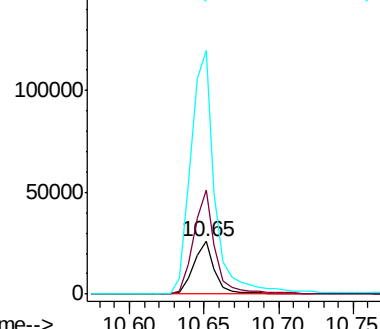
141 463.3 56.8 85.2#



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

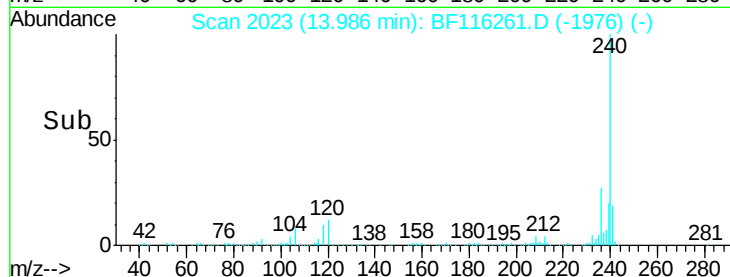
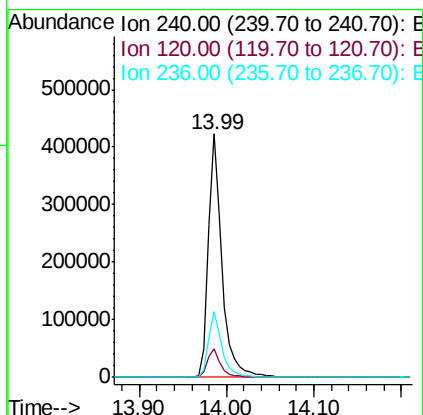
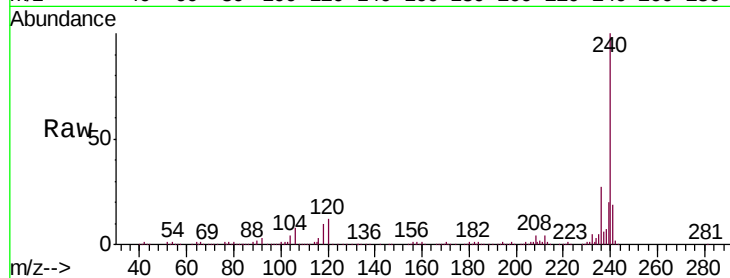




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF116261.D
Acq: 14 Aug 2019 14:13

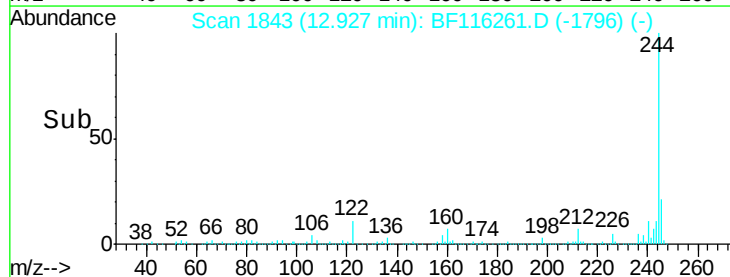
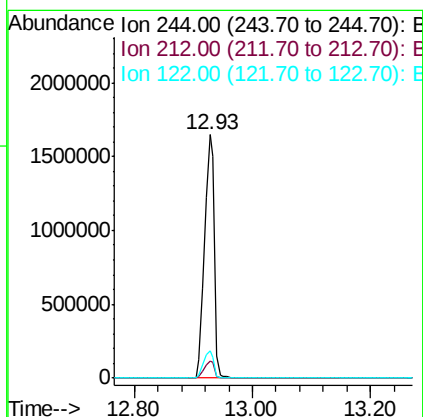
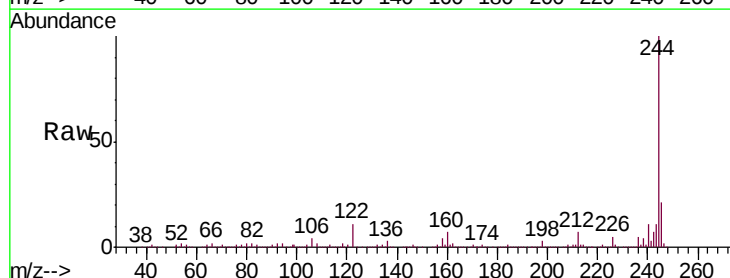
Instrument :
BNA_F
ClientSampleId :
RO-COMP-WS

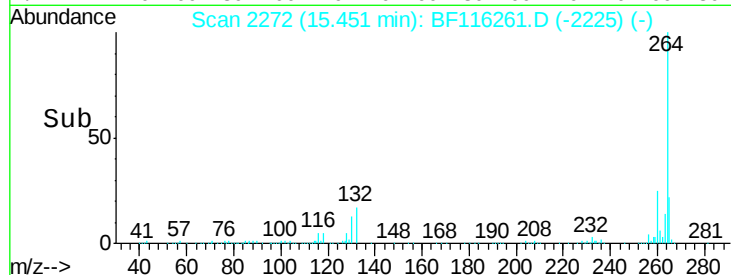
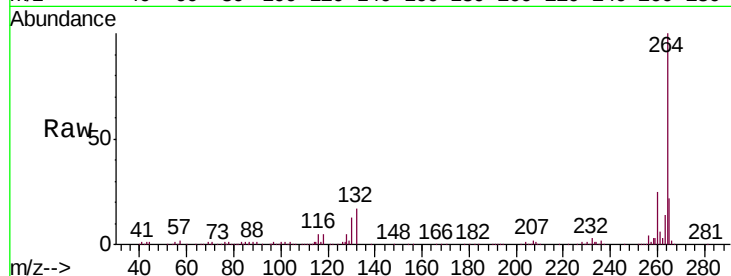
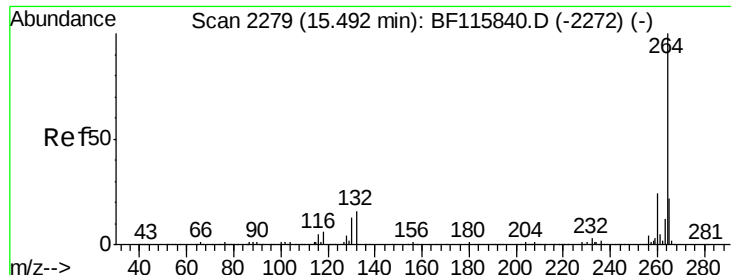
Tgt Ion:240 Resp: 458336
Ion Ratio Lower Upper
240 100
120 11.6 10.7 16.1
236 26.8 22.2 33.2



#79
Terphenyl-d14
Concen: 86.810 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BF116261.D
Acq: 14 Aug 2019 14:13

Tgt Ion:244 Resp: 1888235
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 11.1 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF116261.D
Acq: 14 Aug 2019 14:13

Instrument :
BNA_F
ClientSampleId :
RO-COMP-WS

Tgt Ion: 264 Resp: 398399
Ion Ratio Lower Upper
264 100
260 24.7 19.7 29.5
265 22.0 17.4 26.0

