

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116284.D
 Acq On : 15 Aug 2019 18:02
 Operator : HP/JU
 Sample : K4340-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 03:09:47 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

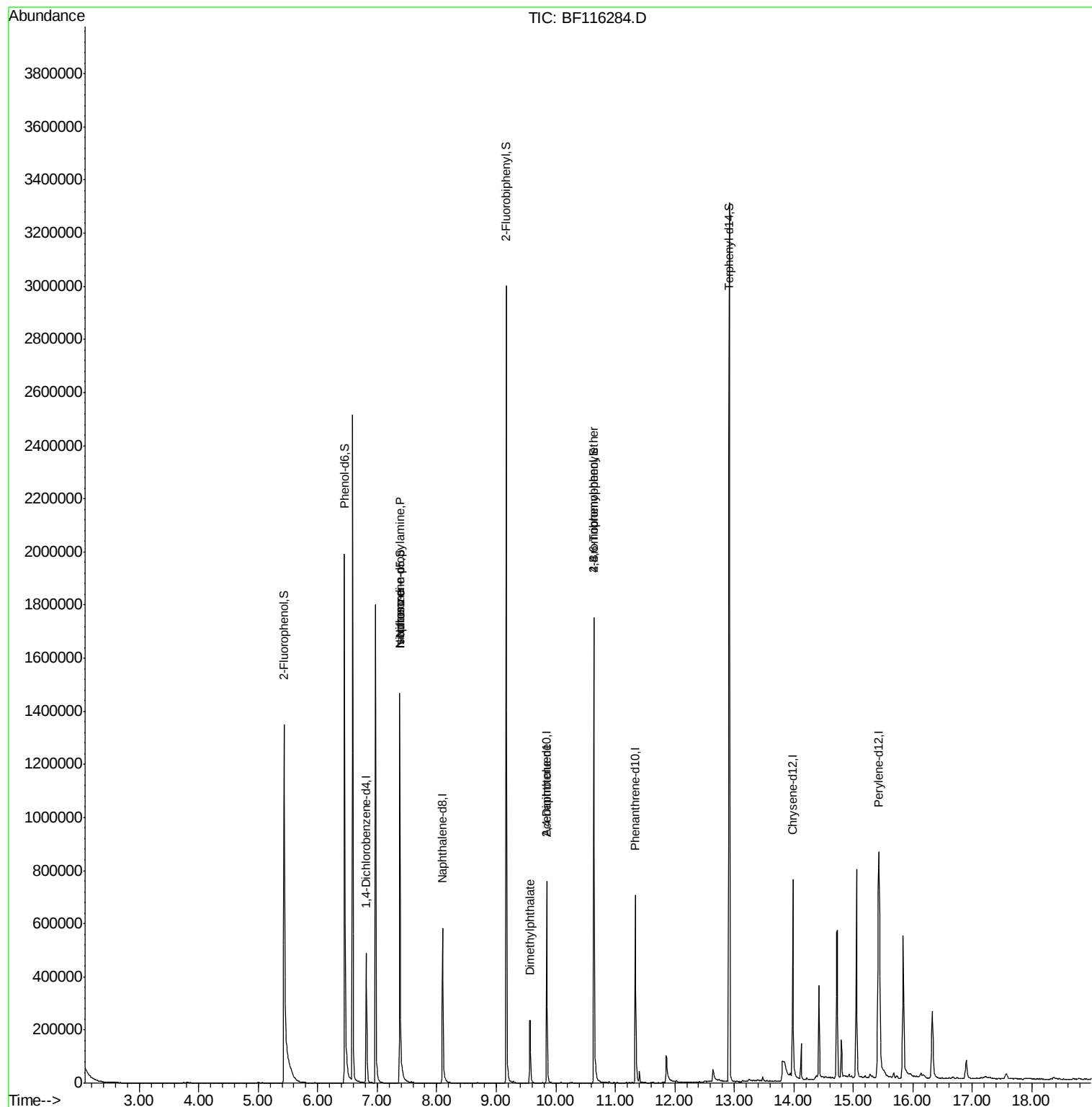
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	82669	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	316717	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	170728	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	320289	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	304799	20.00	ng	-0.03
87) Perylene-d12	15.43	264	352535	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	687450	139.21	ng	-0.04
7) Phenol-d6	6.45	99	861444	138.26	ng	-0.04
23) Nitrobenzene-d5	7.38	82	535878	97.67	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	233148	140.85	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	899126	98.64	ng	-0.04
79) Terphenyl-d14	12.92	244	1147771	79.35	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	70272	18.201	ng	# 77
25) Isophorone	7.38	82	535875	51.076	ng	# 65
50) Dimethylphthalate	9.57	163	127932	11.005	ng	99
57) 2,4-Dinitrotoluene	9.85	165	21807	6.483	ng	# 19
67) 4-Bromophenyl-phenylether	10.64	248	13766	4.015	ng	# 1

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

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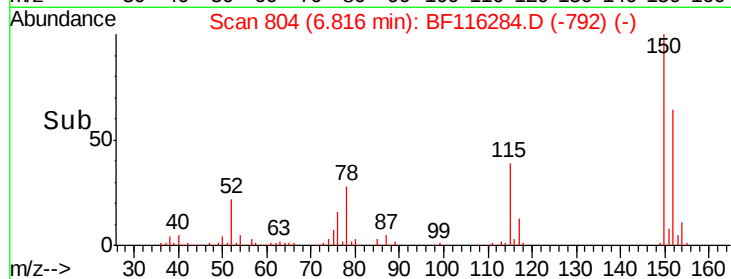
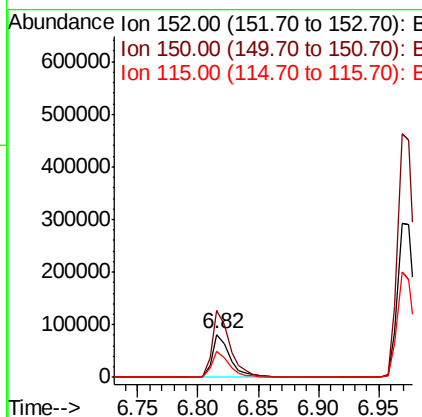
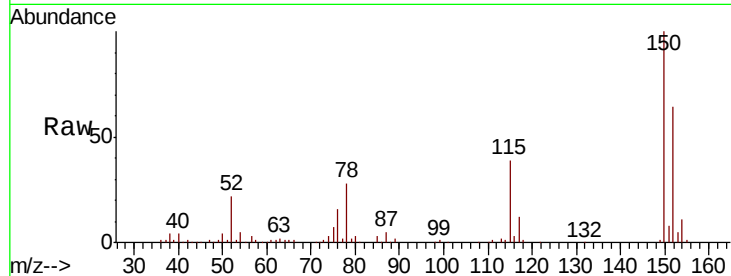


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116284.D
 Acq: 15 Aug 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :

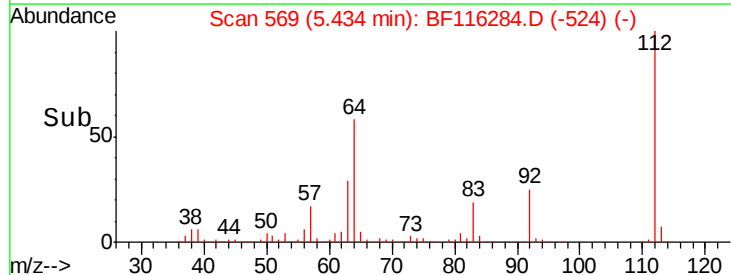
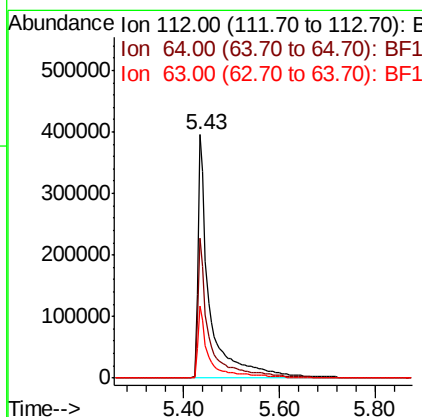
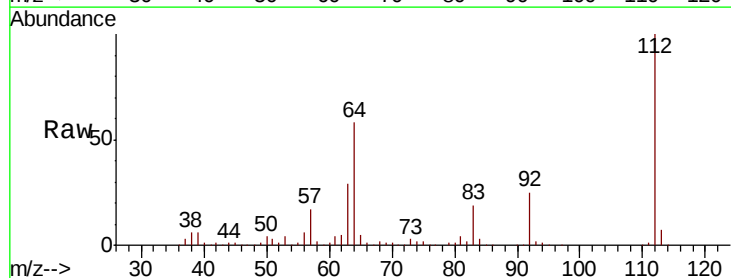
Tot Ion:152 Resp: 82669
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.2 189.2
 115 61.1 49.9 74.9



#5

2-Fluorophenol
 Concen: 139.210 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.04 min
 Lab File: BF116284.D
 Acq: 15 Aug 2019 18:02

Tgt Ion:112 Resp: 687450
 Ion Ratio Lower Upper
 112 100
 64 57.7 45.4 68.2
 63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 138.264 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.04 min

Lab File: BF116284.D

Acq: 15 Aug 2019 18:02

Instrument :

BNA_F

ClientSampleId :

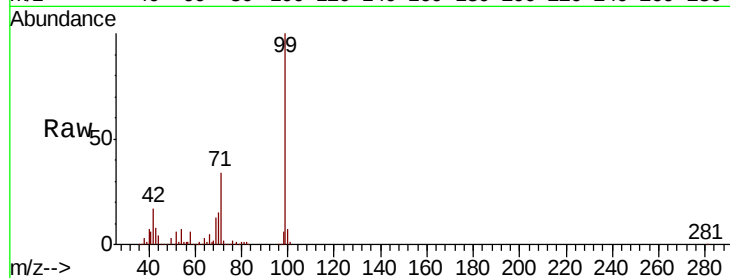
Tot Ion: 99 Resp: 861444

Ion Ratio Lower Upper

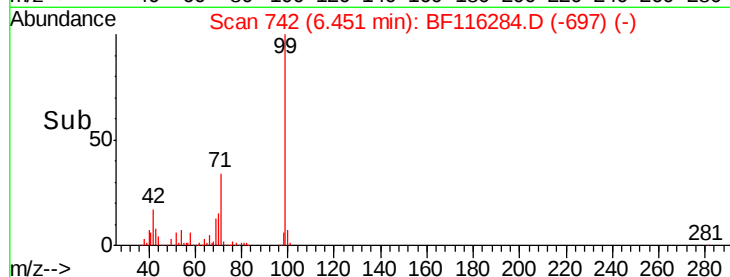
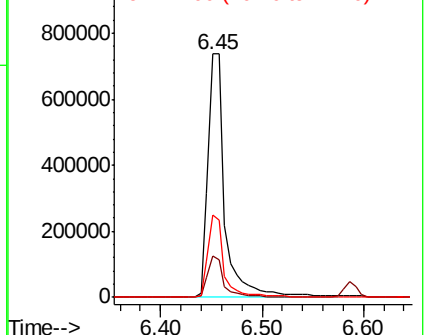
99 100

42 17.1 13.8 20.8

71 33.6 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: 18.201 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116284.D

Acq: 15 Aug 2019 18:02

Tgt Ion: 70 Resp: 70272

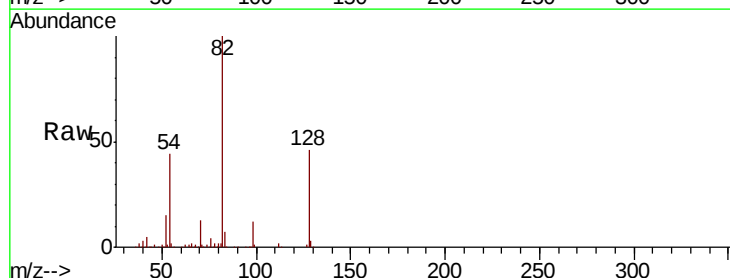
Ion Ratio Lower Upper

70 100

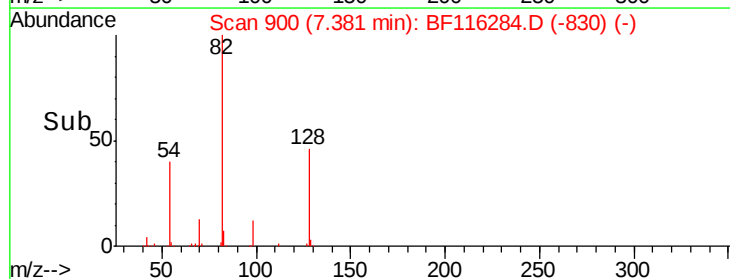
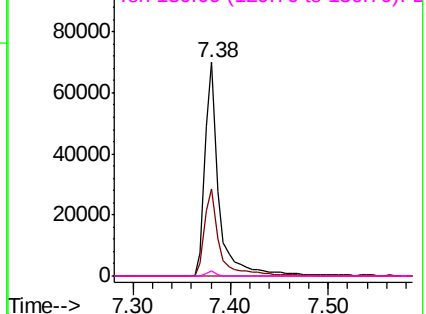
42 40.8 40.9 61.3#

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: BF116284.D

Acq: 15 Aug 2019 18:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 316717

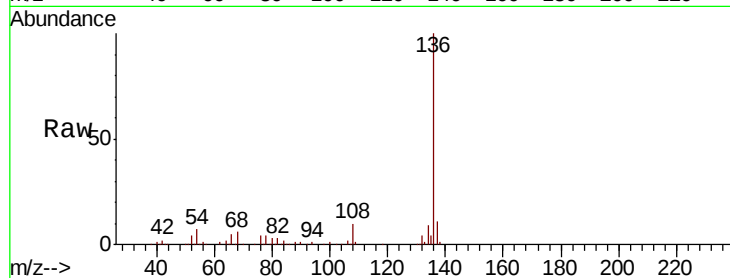
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 7.3 5.8 8.6

68 6.2 5.2 7.8

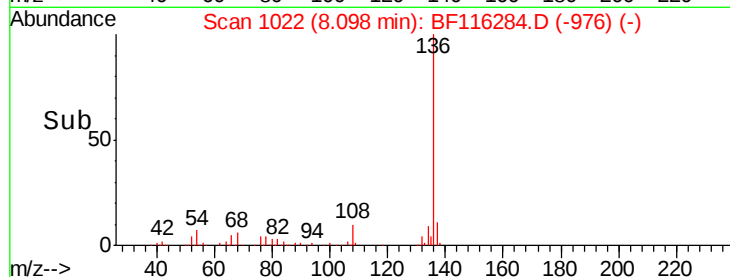


Abundance Ion 136.00 (135.70 to 136.70): E

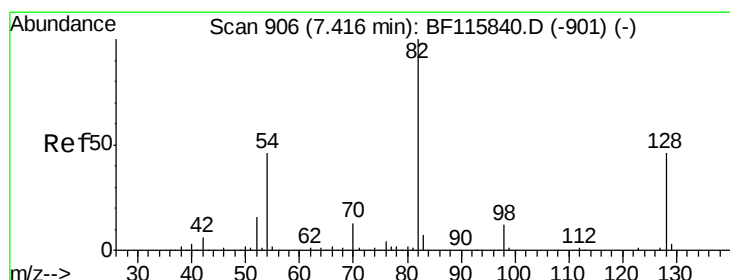
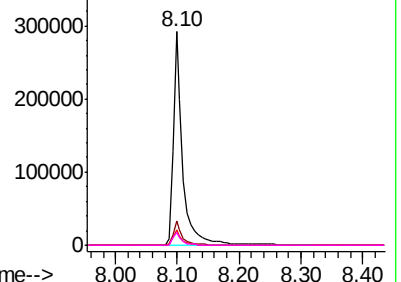
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 97.666 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116284.D

Acq: 15 Aug 2019 18:02

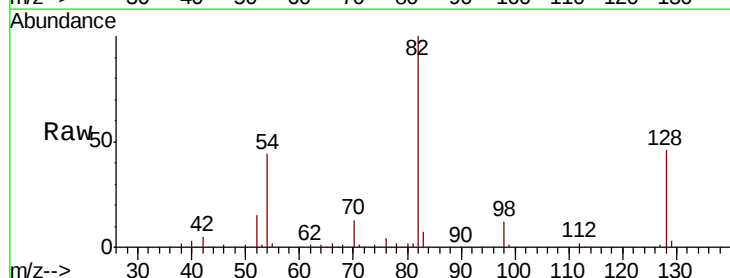
Tgt Ion: 82 Resp: 535878

Ion Ratio Lower Upper

82 100

128 46.3 36.5 54.7

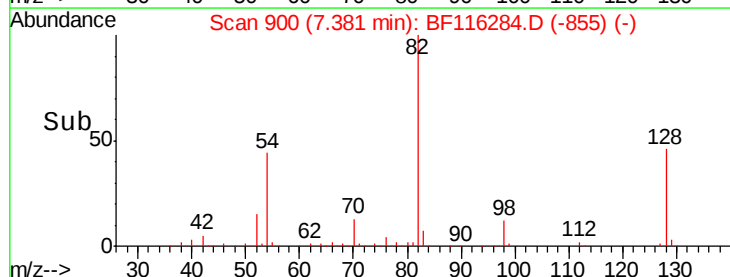
54 44.3 36.0 54.0



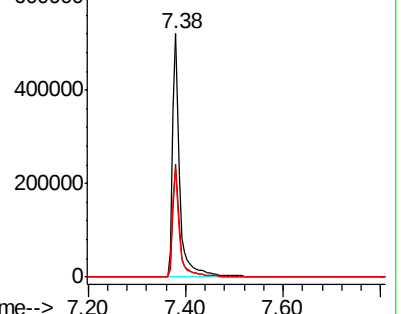
Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#25

Isophorone

Concen: 51.076 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116284.D

Acq: 15 Aug 2019 18:02

Instrument :

BNA_F

ClientSampleId :

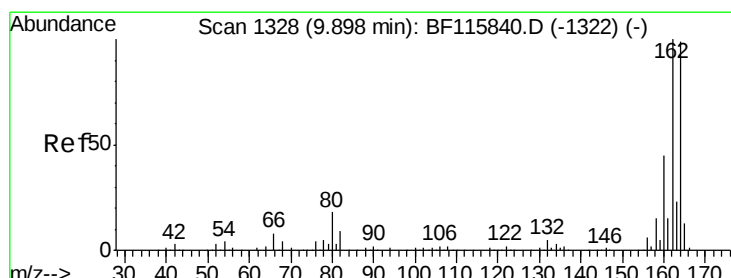
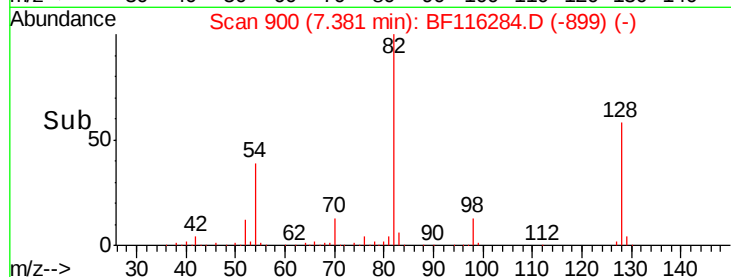
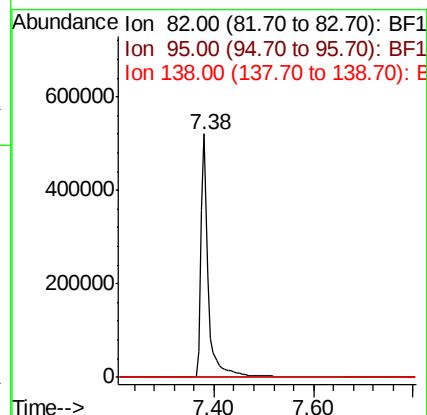
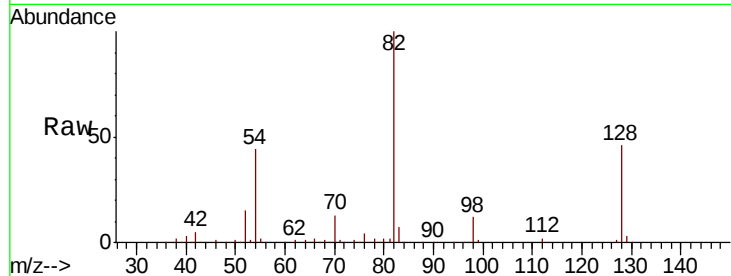
Tot Ion: 82 Resp: 535875

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# 1320

Delta R.T. -0.04 min

Lab File: BF116284.D

Acq: 15 Aug 2019 18:02

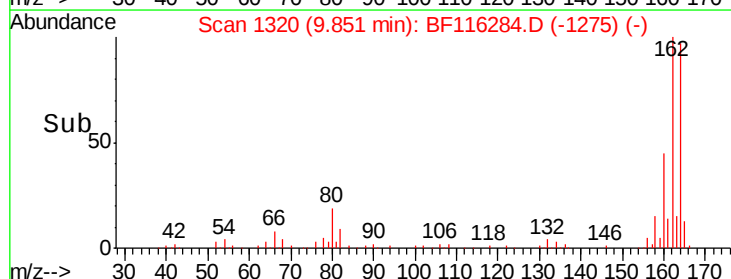
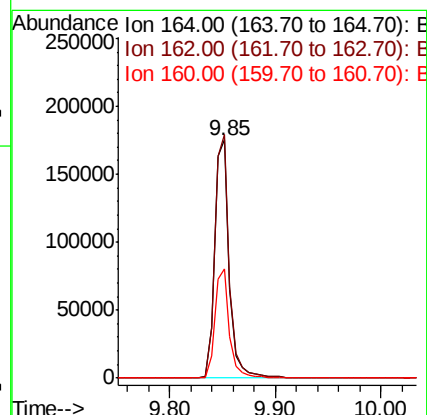
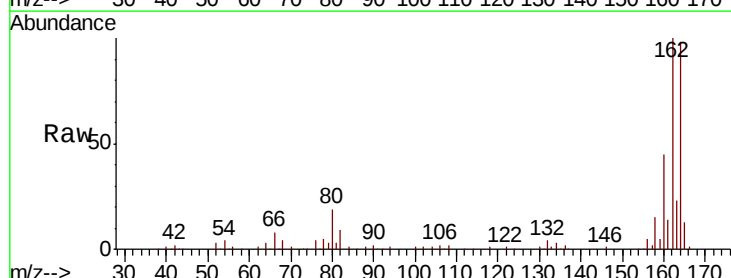
Tgt Ion: 164 Resp: 170728

Ion Ratio Lower Upper

164 100

162 102.2 82.6 124.0

160 46.0 37.6 56.4

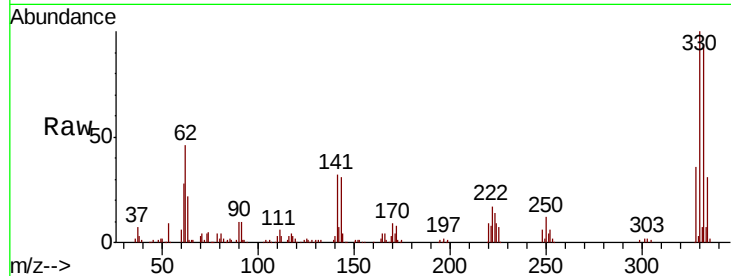




#42
 2,4,6-Tribromophenol
 Concen: 140.853 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116284.D
 Acq: 15 Aug 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.8	115.2
141	34.4	26.3	39.5

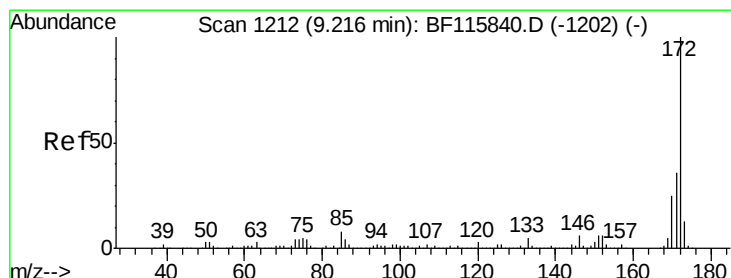
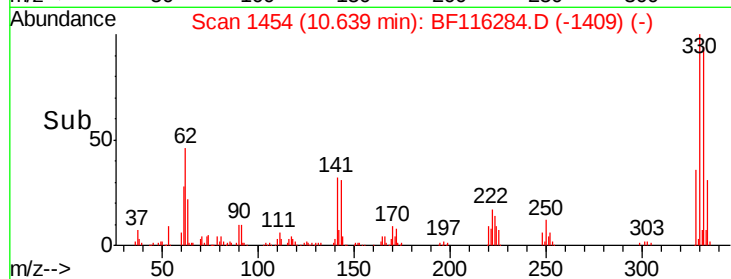
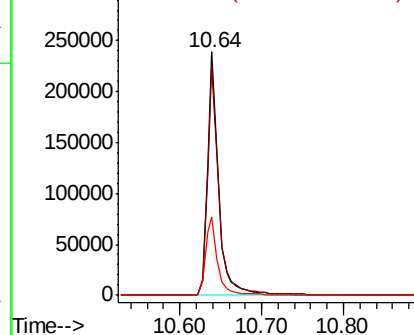


Abundance

Ion 329.80 (329.50 to 330.50): E

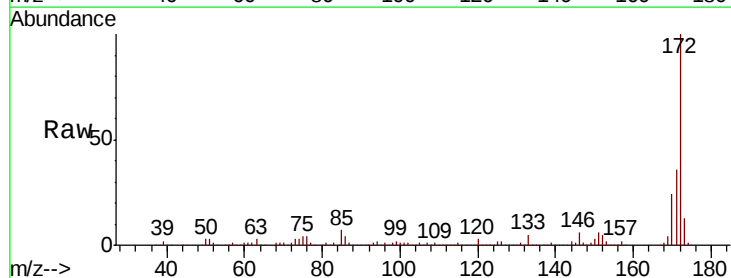
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 98.644 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116284.D
 Acq: 15 Aug 2019 18:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.4	20.1	30.1

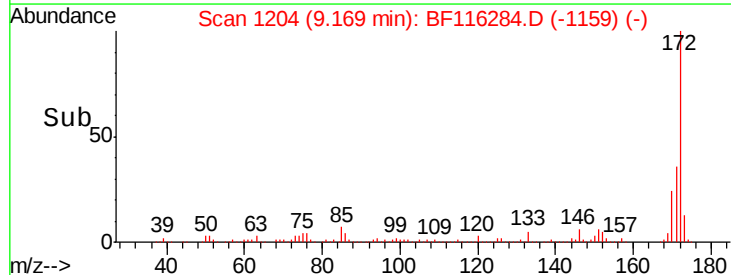
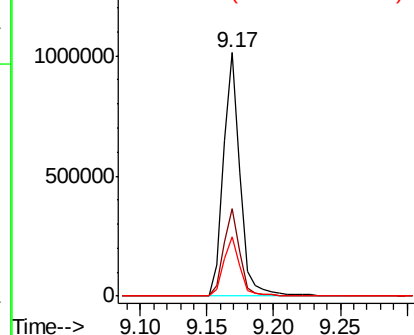


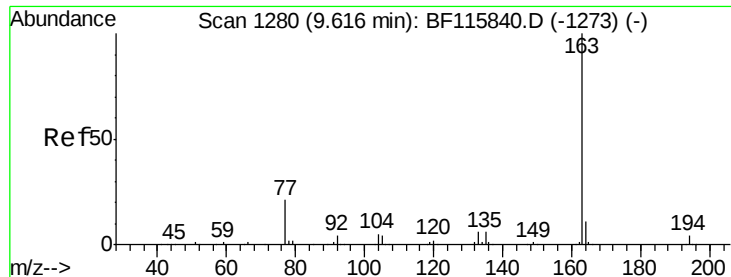
Abundance

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: 11.005 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.04 min

Lab File: BF116284.D

Acq: 15 Aug 2019 18:02

Instrument :
BNA_F
ClientSampleId :

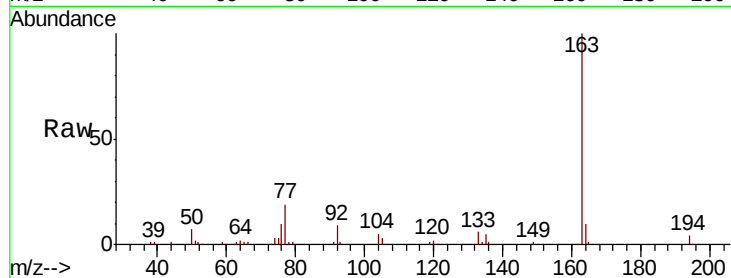
Tot Ion:163 Resp: 127932

Ion Ratio Lower Upper

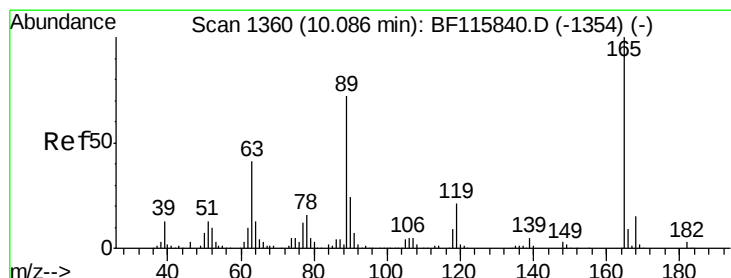
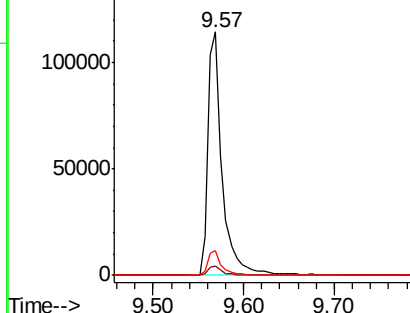
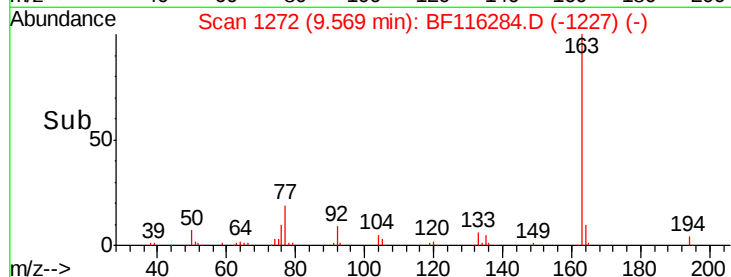
163 100

194 3.7 3.0 4.6

164 10.1 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: 6.483 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.23 min

Lab File: BF116284.D

Acq: 15 Aug 2019 18:02

Tgt Ion:165 Resp: 21807

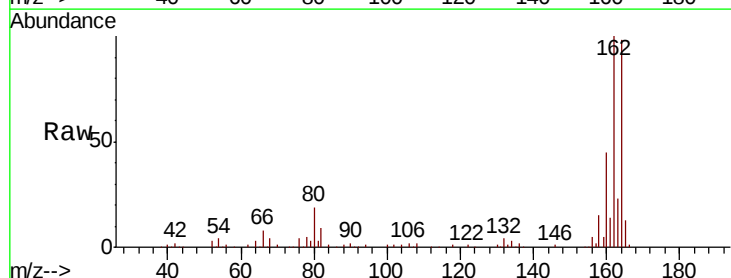
Ion Ratio Lower Upper

165 100

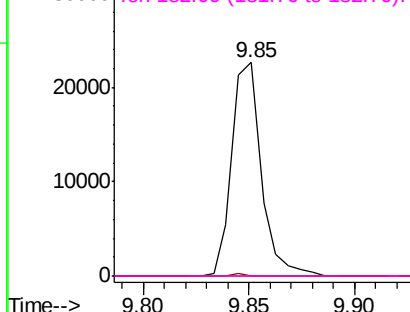
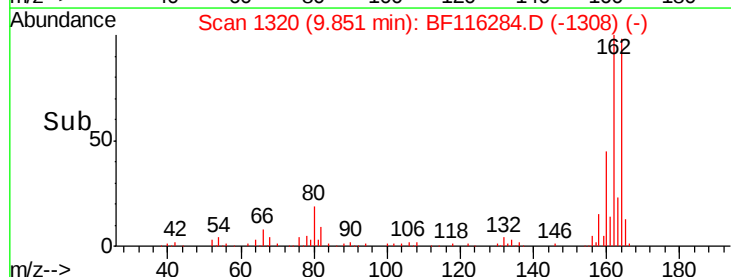
63 0.0 39.6 59.4#

89 0.0 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: 11.34 min Scan# 1573

Delta R.T. -0.03 min

Lab File: BF116284.D

Acq: 15 Aug 2019 18:02

Instrument :

BNA_F

ClientSampleId :

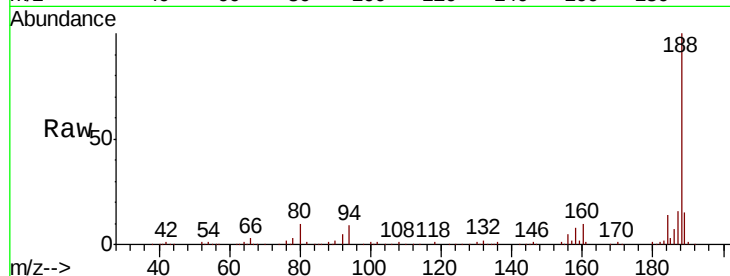
Tot Ion:188 Resp: 320289

Ion Ratio Lower Upper

188 100

94 9.2 8.1 12.1

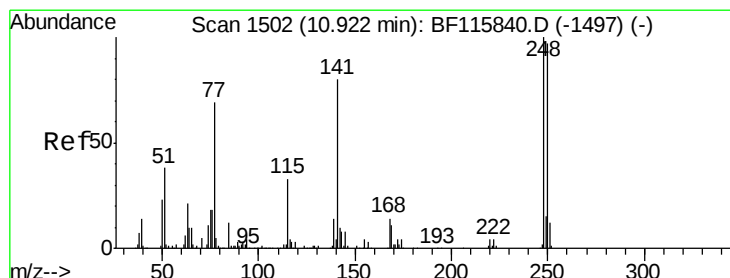
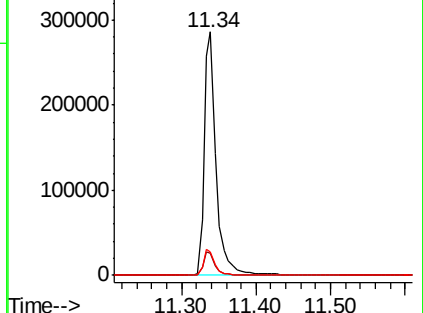
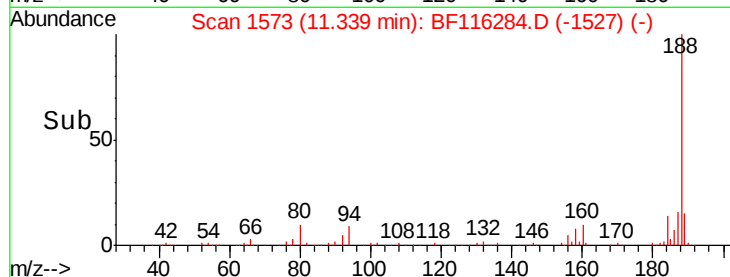
80 9.6 8.7 13.1



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: 4.015 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.27 min

Lab File: BF116284.D

Acq: 15 Aug 2019 18:02

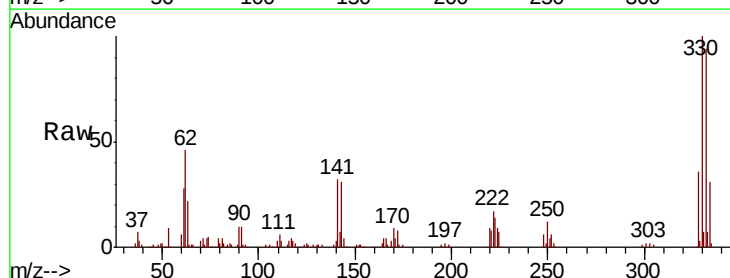
Tgt Ion:248 Resp: 13766

Ion Ratio Lower Upper

248 100

250 198.3 77.4 116.2#

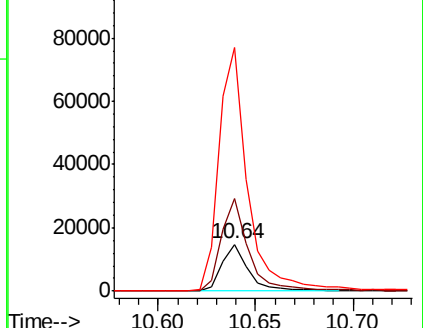
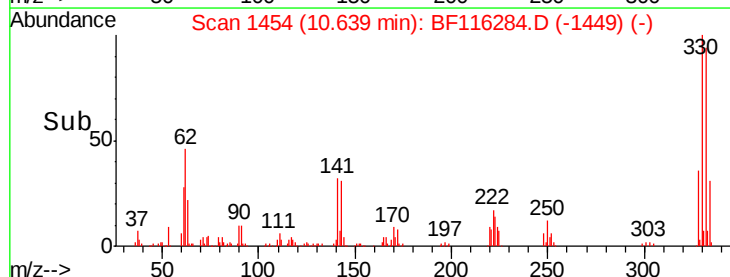
141 519.8 56.8 85.2#



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

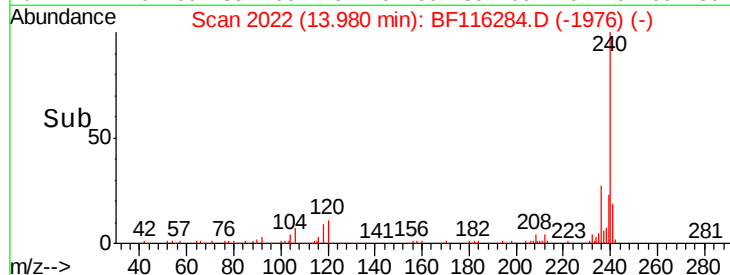
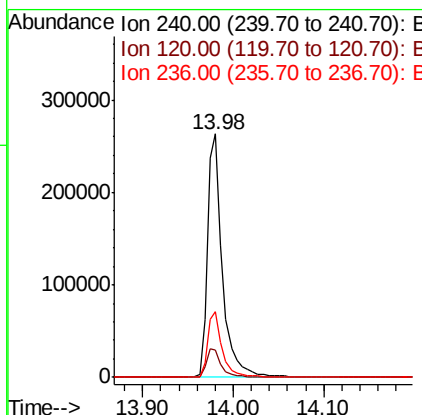
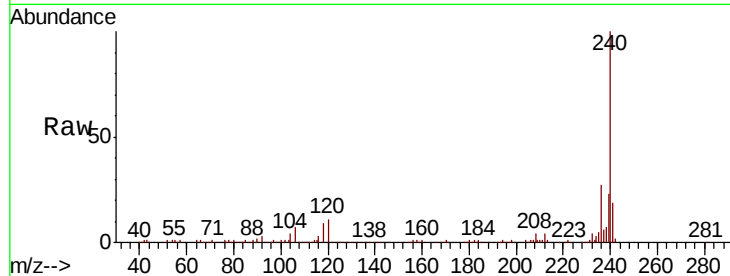




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116284.D
 Acq: 15 Aug 2019 18:02

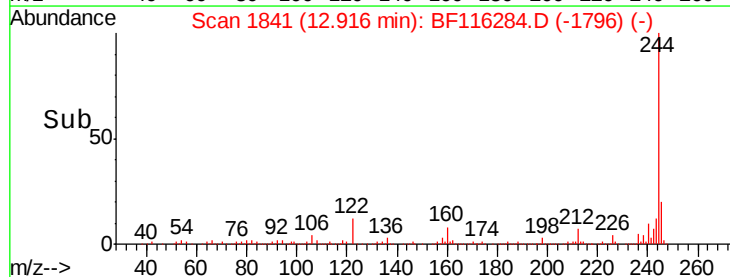
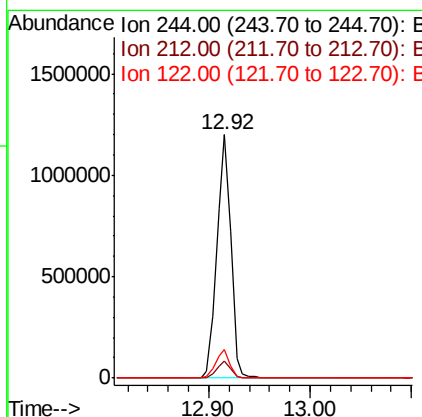
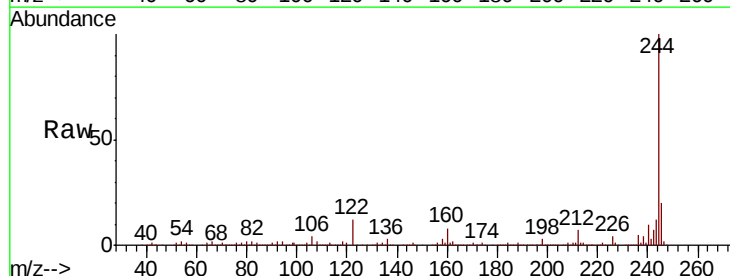
Instrument :
 BNA_F
 ClientSampleId :

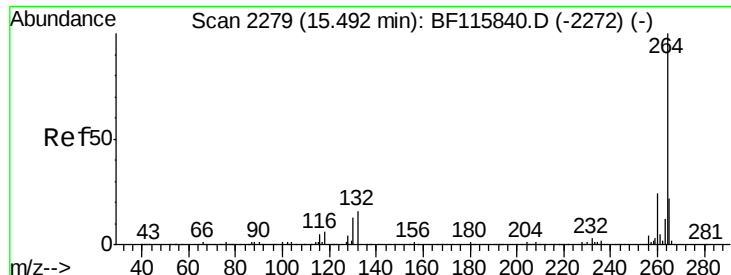
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.7	16.1
236	27.2	22.2	33.2



#79
 Terphenyl-d14
 Concen: 79.349 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF116284.D
 Acq: 15 Aug 2019 18:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.9	9.0	13.4

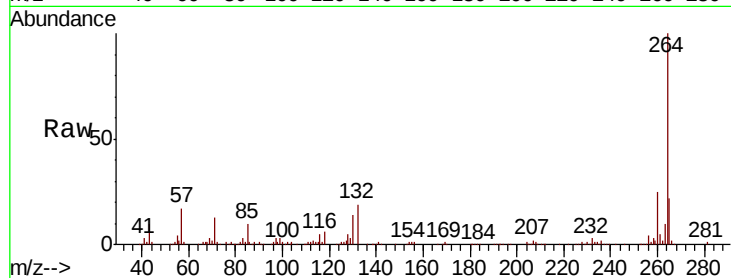




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF116284.D
 Acq: 15 Aug 2019 18:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	352535
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	21.6	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

