

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116301.D
 Acq On : 16 Aug 2019 1:40
 Operator : HP/JU
 Sample : K4356-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 03:13:51 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

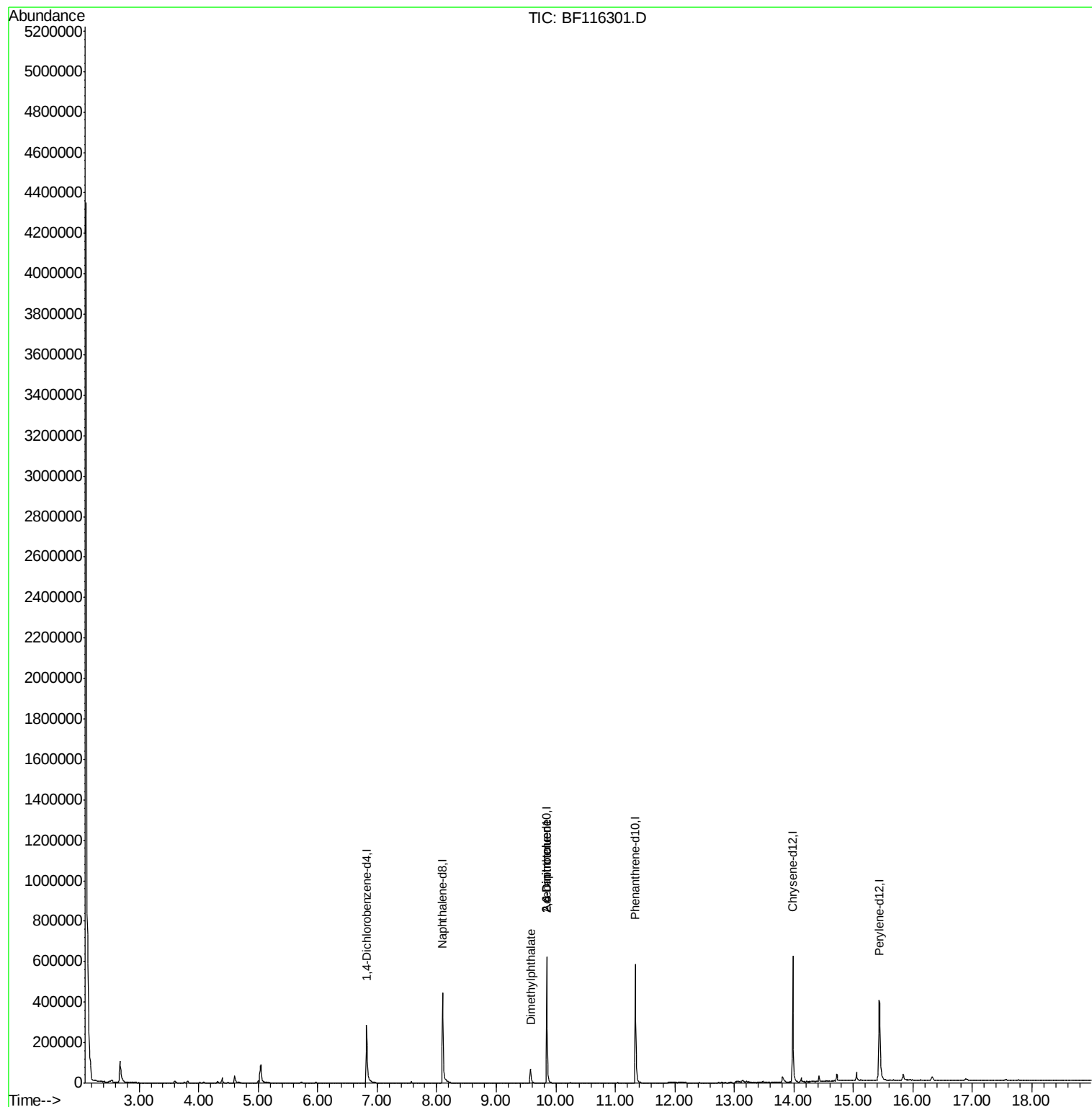
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	63836	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	278444	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	146296	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	275275	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	248920	20.00	ng	-0.03
87) Perylene-d12	15.43	264	255399	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.20	172	115	0.01	ng	0.00
79) Terphenyl-d14	12.93	244	2003	0.17	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.57	163	51239	5.144	ng	98
51) 2,6-Dinitrotoluene	9.85	165	18238	8.425	ng	# 27
57) 2,4-Dinitrotoluene	9.85	165	18238	6.328	ng	# 19

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

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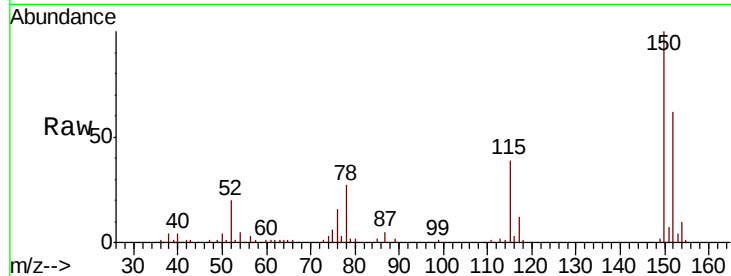


#1

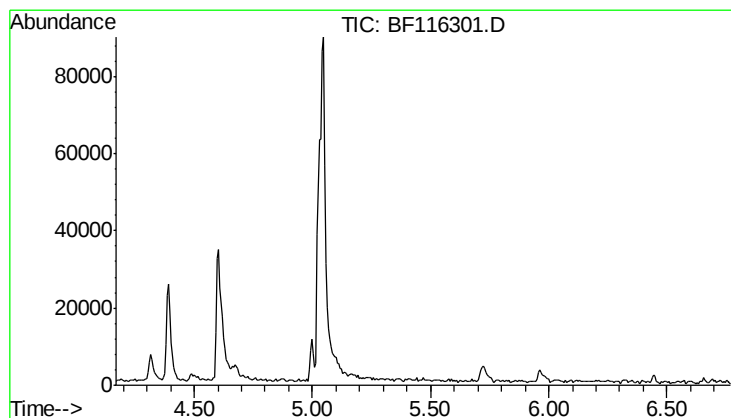
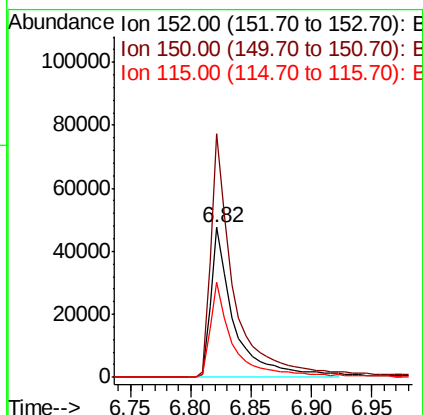
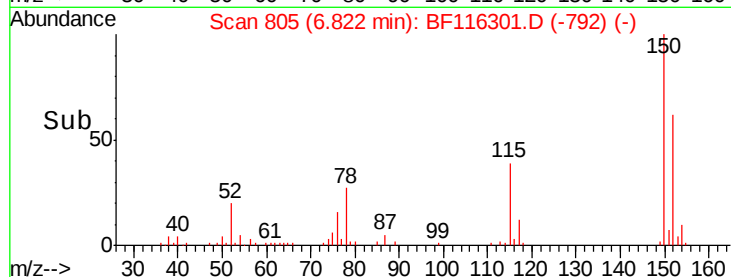
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF116301.D
 Acq: 16 Aug 2019 1:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 63836
 Ion Ratio Lower Upper
 152 100
 150 162.5 126.2 189.2
 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

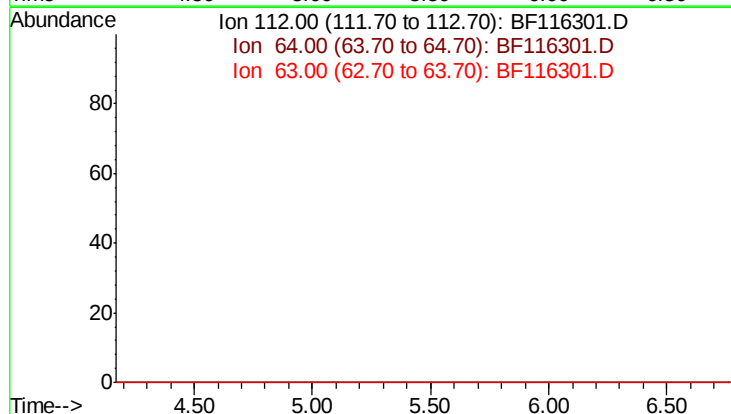


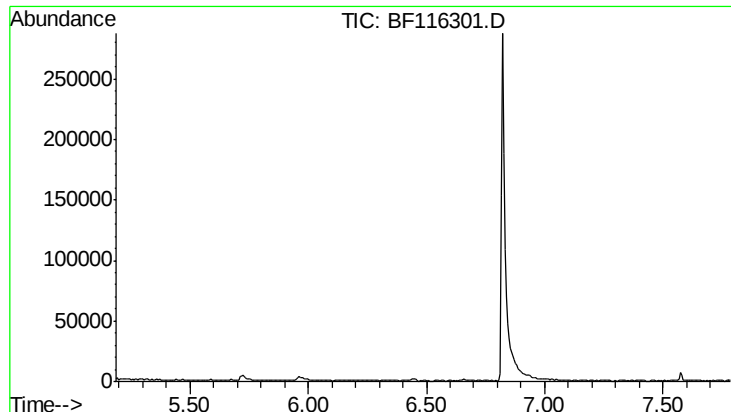
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.47 min

Lab File: BF116301.D
 Acq: 16 Aug 2019 1:40

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 56.8
 63 29.6

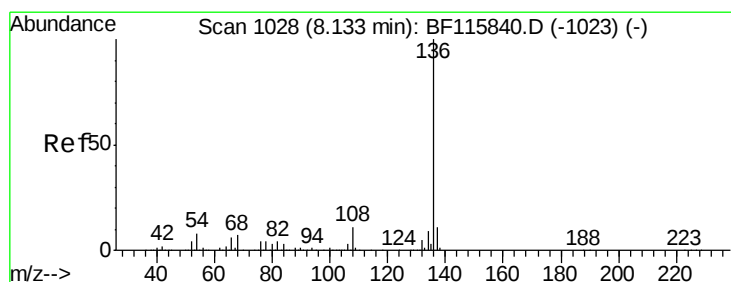
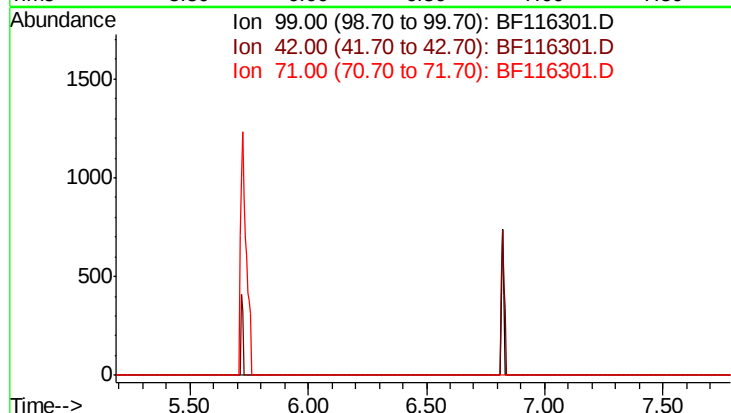




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.49 min
 Lab File: BF116301.D
 Acq: 16 Aug 2019 1:40

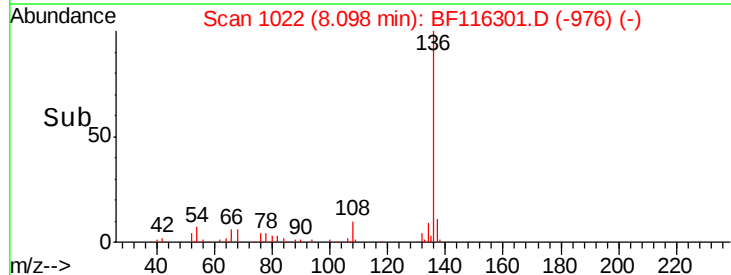
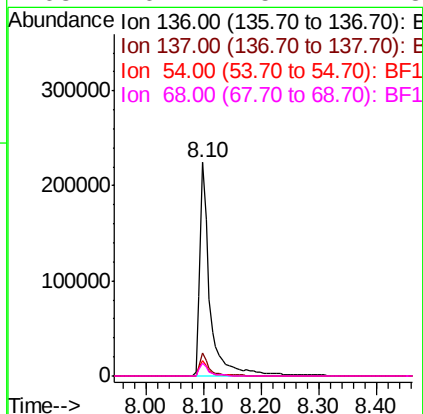
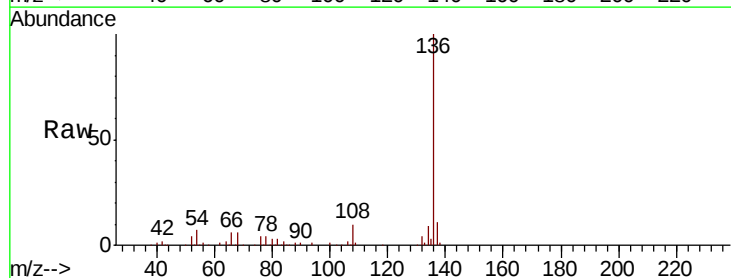
Instrument :
 BNA_F
 ClientSampleId :

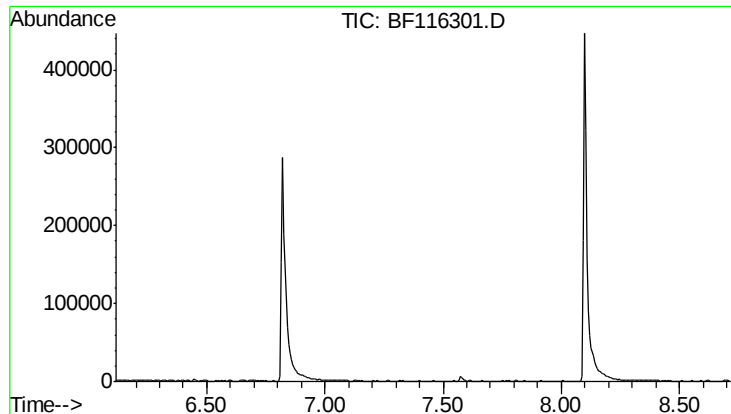
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 17.3
 71 34.1



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF116301.D
 Acq: 16 Aug 2019 1:40

Tgt Ion: 136 Resp: 278444
 Ion Ratio Lower Upper
 136 100
 137 10.6 9.0 13.4
 54 7.4 5.8 8.6
 68 6.2 5.2 7.8

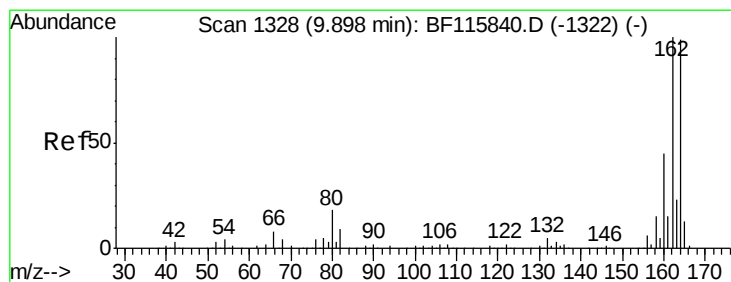
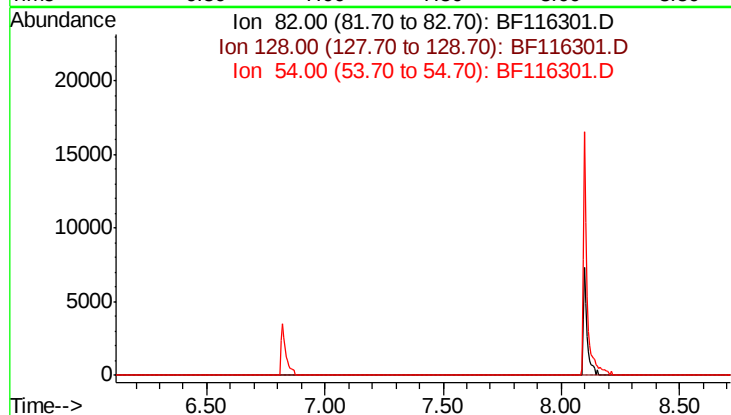




#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF116301.D
 Acq: 16 Aug 2019 1:40

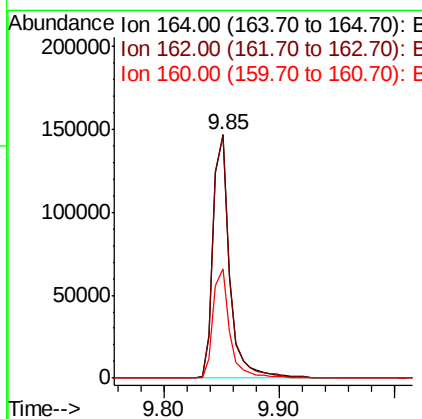
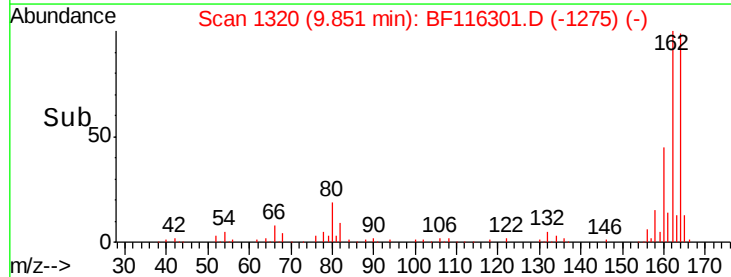
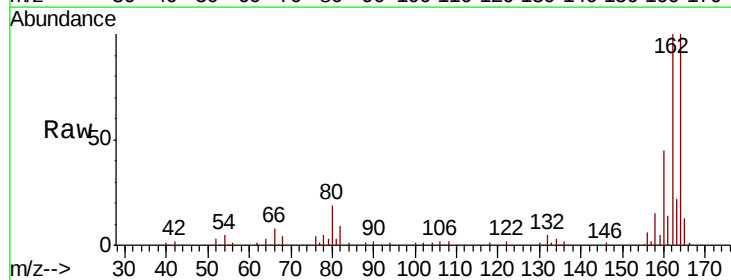
Instrument :
 BNA_F
 ClientSampleId :

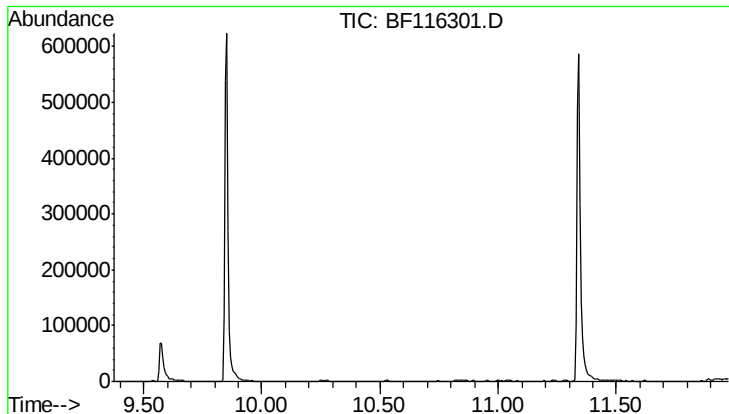
Tot Ion: 82
 Sig Exp Ratio
 82 100
 128 45.6
 54 45.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF116301.D
 Acq: 16 Aug 2019 1:40

Tgt Ion:164 Resp: 146296
 Ion Ratio Lower Upper
 164 100
 162 99.7 82.6 124.0
 160 45.0 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.67 min

Lab File: BF116301.D

Acq: 16 Aug 2019 1:40

Instrument :

BNA_F

ClientSampleId :

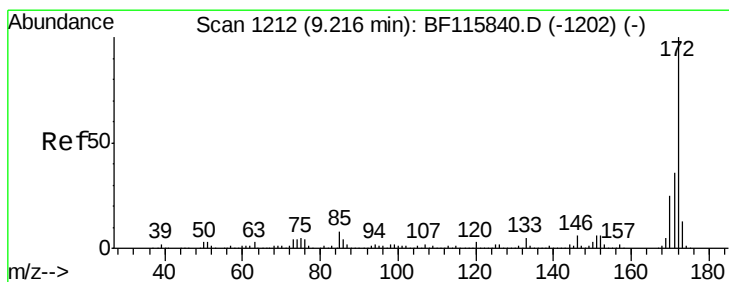
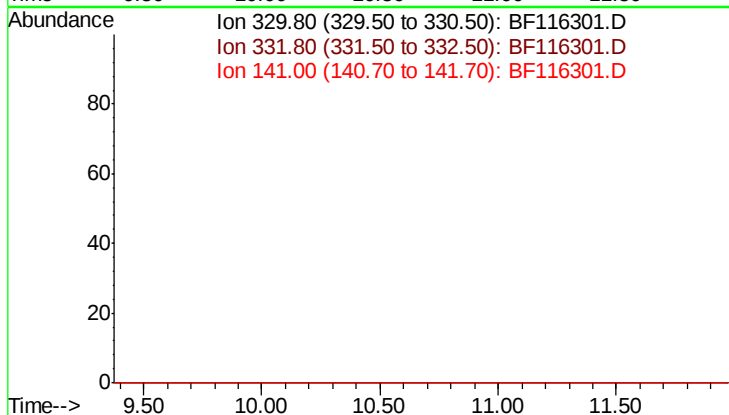
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.0

141 32.9



#45

2-Fluorobiphenyl

Concen: 0.015 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF116301.D

Acq: 16 Aug 2019 1:40

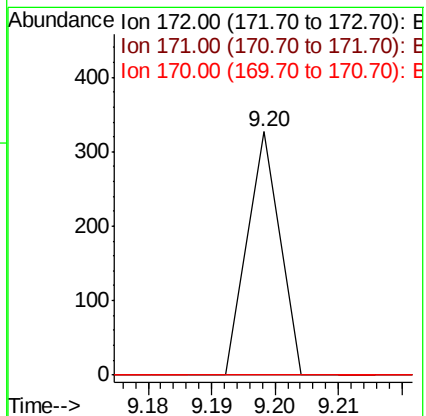
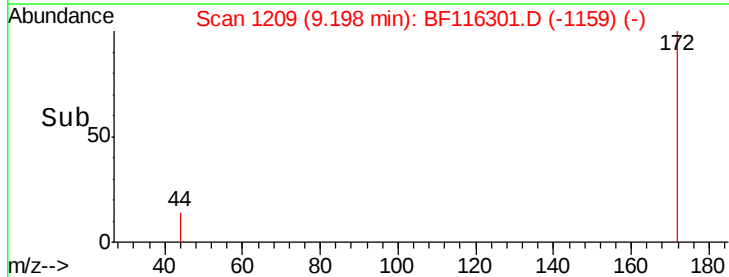
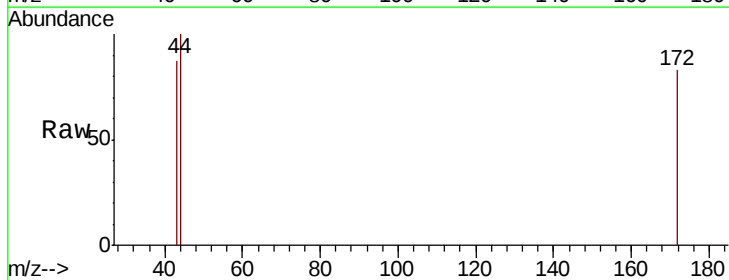
Tgt Ion: 172 Resp: 115

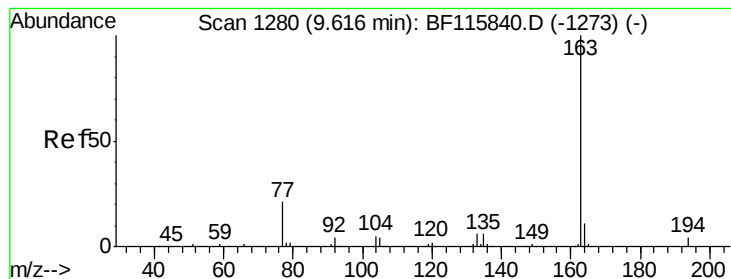
Ion Ratio Lower Upper

172 100

171 0.0 29.6 44.4#

170 0.0 20.1 30.1#





#50

Dimethylphthalate

Concen: 5.144 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.03 min

Lab File: BF116301.D

Acq: 16 Aug 2019 1:40

Instrument :

BNA_F

ClientSampleId :

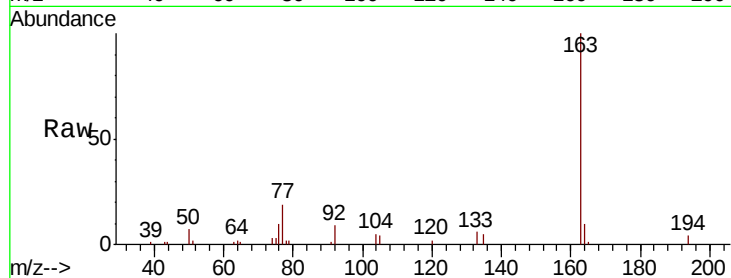
Tot Ion:163 Resp: 51239

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.6

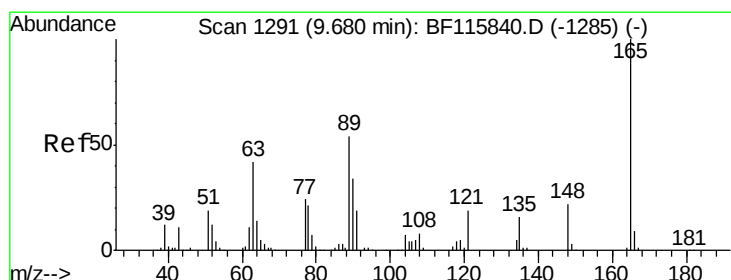
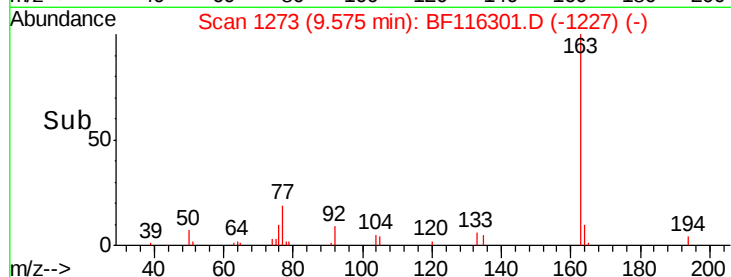
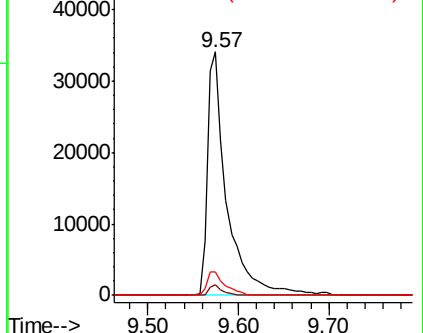
164 9.8 8.4 12.6



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



#51

2,6-Dinitrotoluene

Concen: 8.425 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.18 min

Lab File: BF116301.D

Acq: 16 Aug 2019 1:40

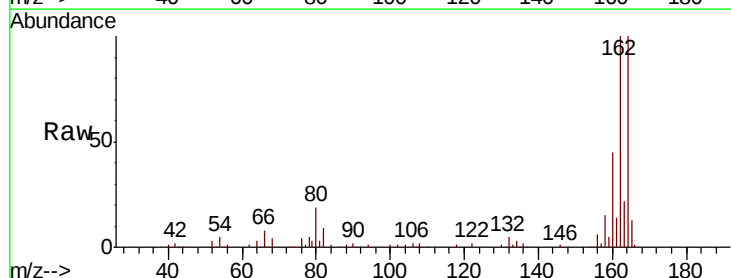
Tgt Ion:165 Resp: 18238

Ion Ratio Lower Upper

165 100

63 0.0 38.2 57.2#

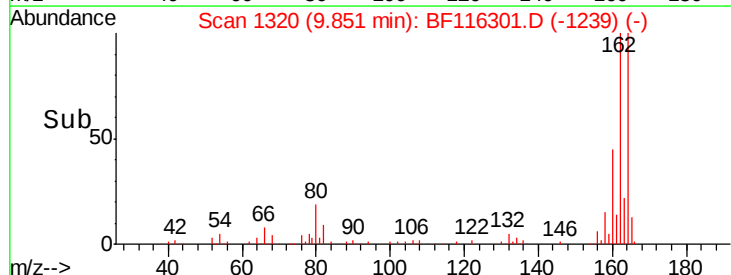
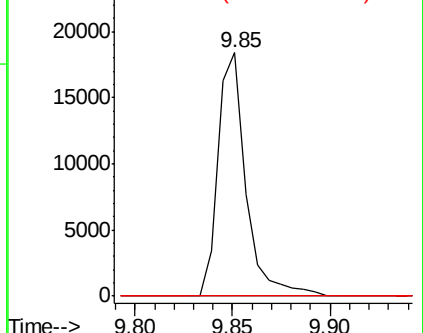
89 0.0 42.9 64.3#

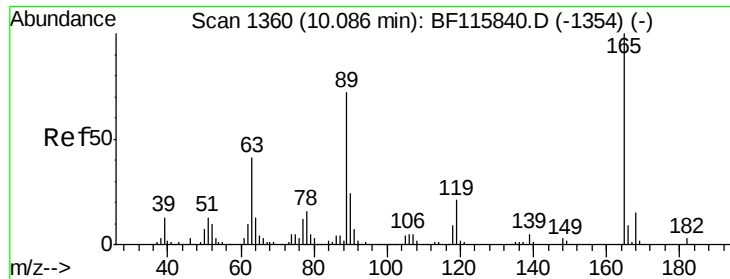


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

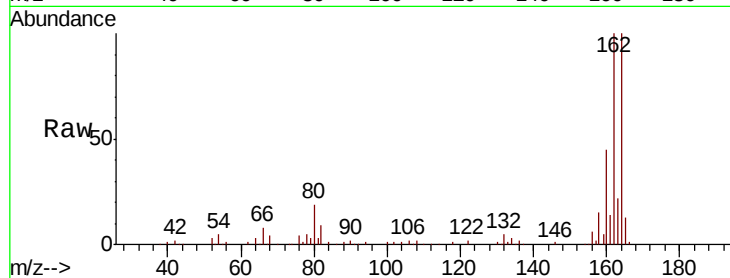




#57
 2,4-Dinitrotoluene
 Concen: 6.328 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.23 min
 Lab File: BF116301.D
 Acq: 16 Aug 2019 1:40

Instrument :
 BNA_F
 ClientSampled :

Tot 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#

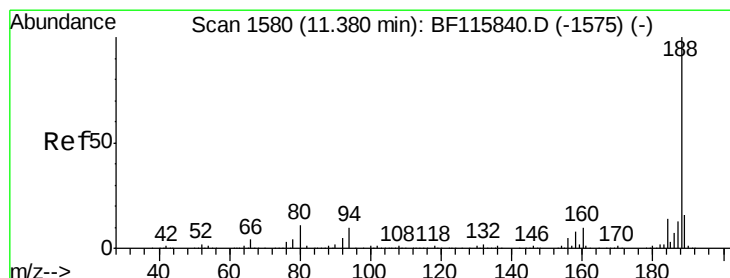
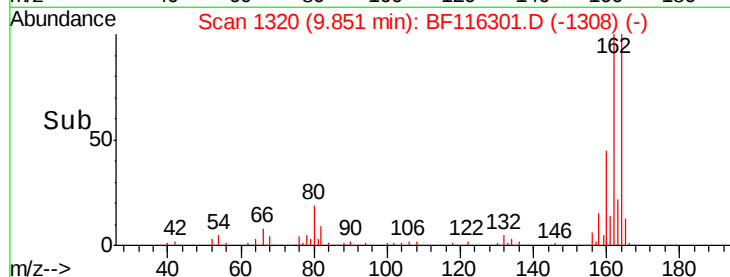
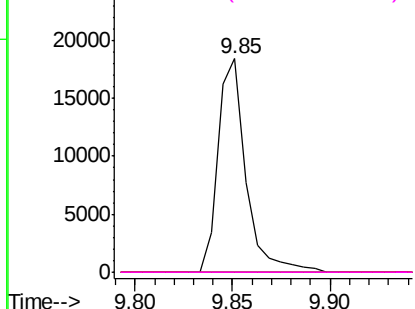


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

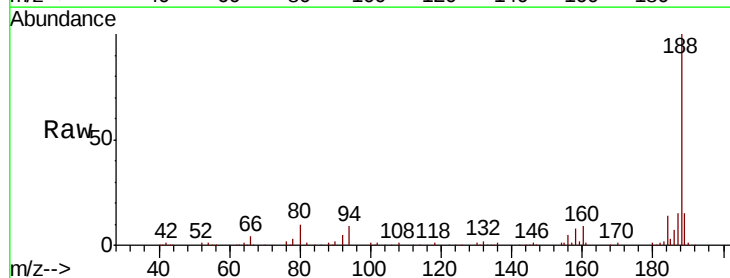
Ion 89.00 (88.70 to 89.70): BF1

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: BF116301.D
 Acq: 16 Aug 2019 1:40

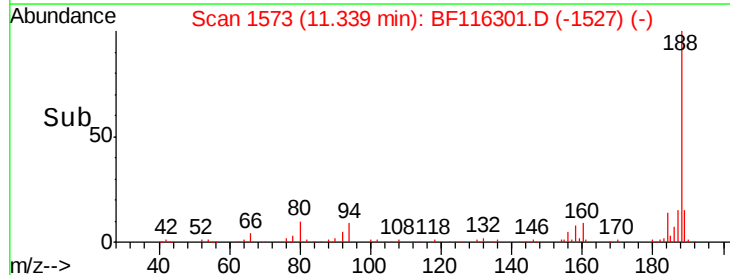
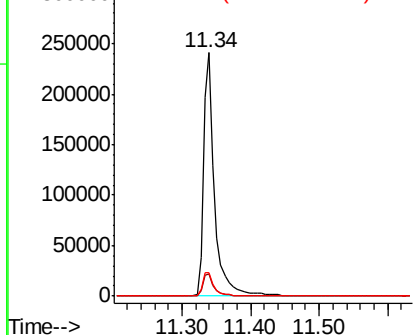
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.1	12.1
80	9.5	8.7	13.1

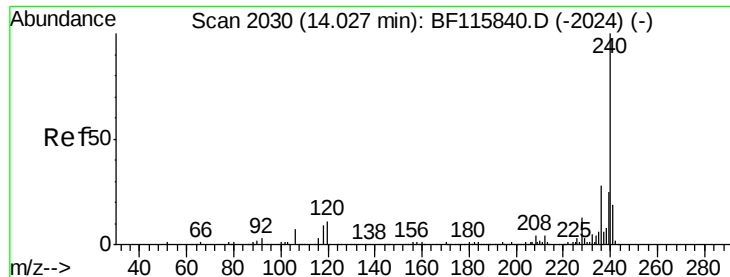


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF116301.D

Acq: 16 Aug 2019 1:40

Instrument :

BNA_F

ClientSampleId :

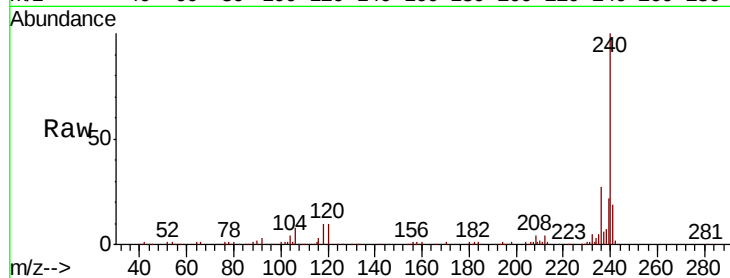
Tot Ion:240 Resp: 248920

Ion Ratio Lower Upper

240 100

120 10.1 10.7 16.1#

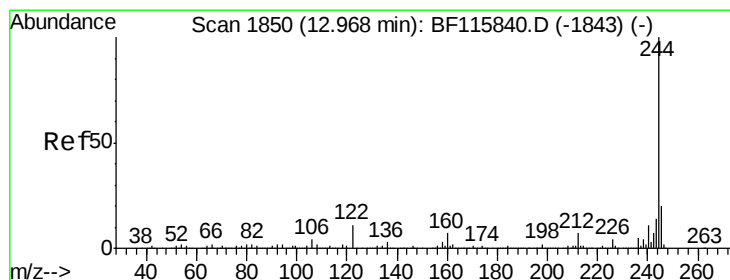
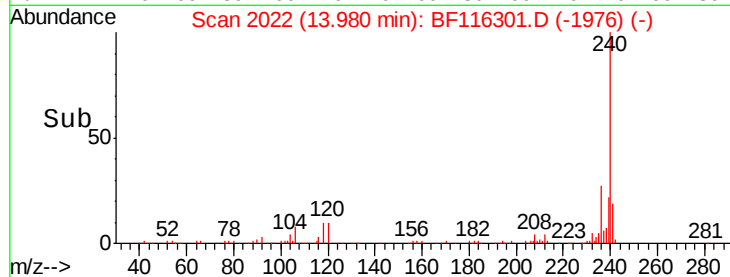
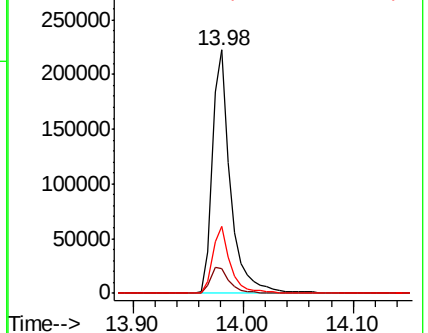
236 27.4 22.2 33.2



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



#79

Terphenyl-d14

Concen: 0.170 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF116301.D

Acq: 16 Aug 2019 1:40

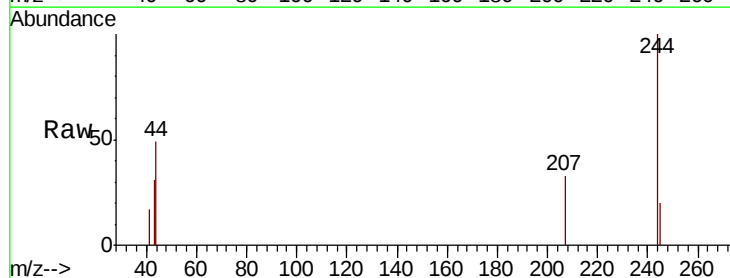
Tgt Ion:244 Resp: 2003

Ion Ratio Lower Upper

244 100

212 0.0 5.8 8.8#

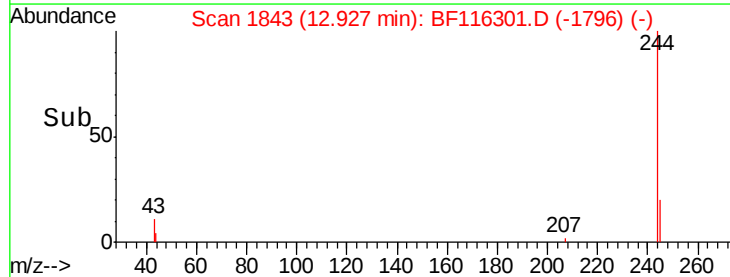
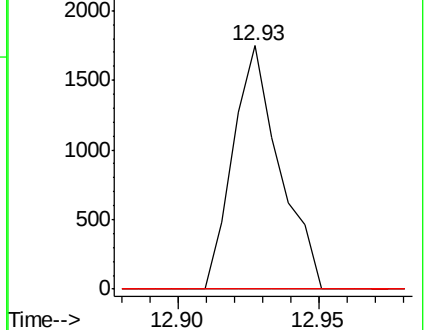
122 0.0 9.0 13.4#

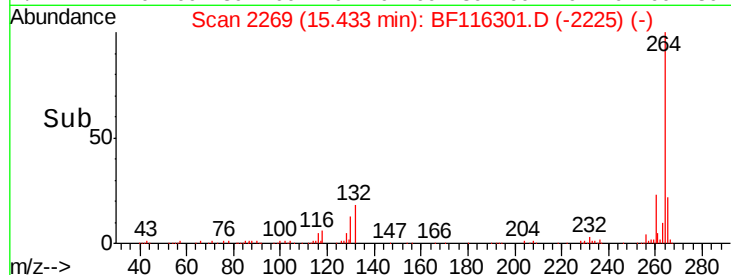
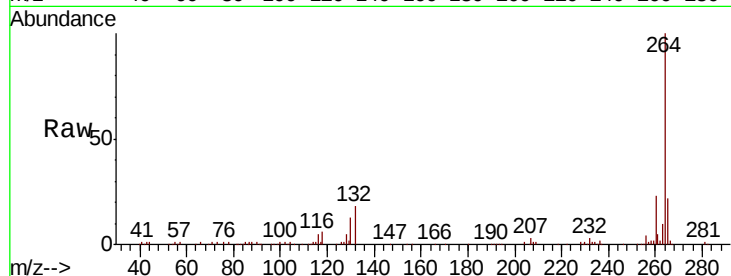
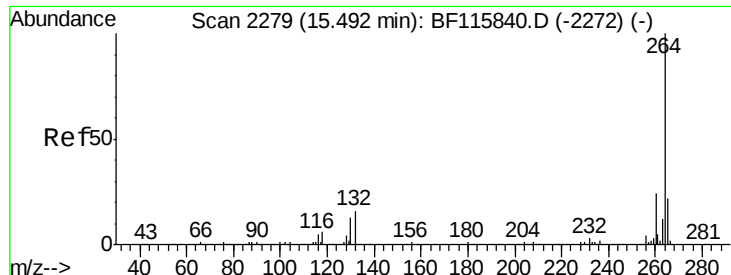


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF116301.D
 Acq: 16 Aug 2019 1:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	255399
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.7	29.5
265	21.9	17.4	26.0

