

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116425.D
 Acq On : 20 Aug 2019 10:50
 Operator : HP/JU
 Sample : PB122336TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122336TB

Quant Time: Aug 20 15:08:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

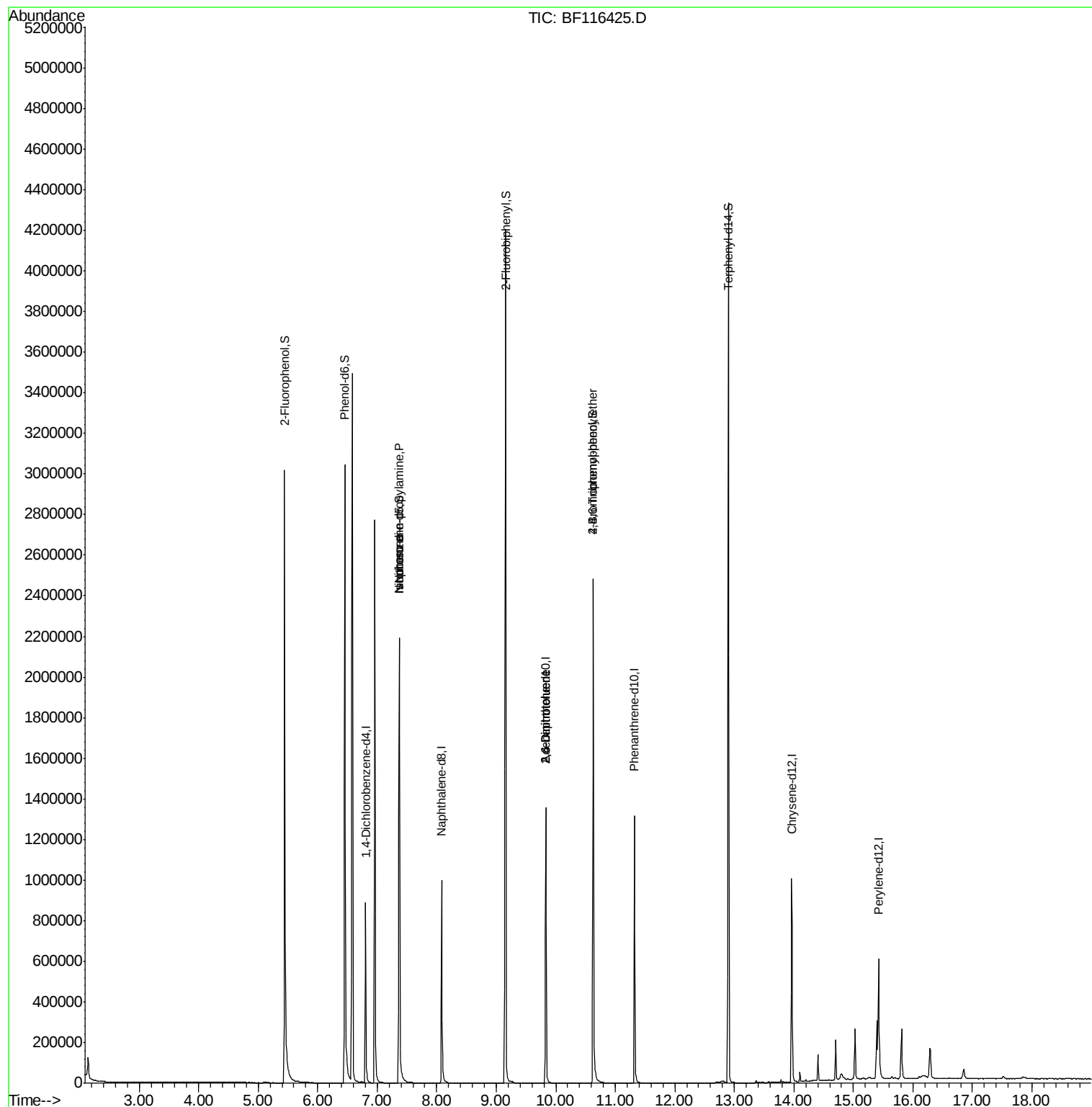
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137233	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	519519	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	273932	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	482922	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	352834	20.00	ng	-0.02
87) Perylene-d12	15.42	264	327745	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1023537	124.86	ng	0.00
7) Phenol-d6	6.46	99	1322726	127.89	ng	0.00
23) Nitrobenzene-d5	7.37	82	853926	94.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	346572	130.49	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1428239	97.66	ng	-0.01
79) Terphenyl-d14	12.90	244	1635415	97.67	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	112464	17.547	ng	# 79
25) Isophorone	7.37	82	855013	49.682	ng	# 65
51) 2,6-Dinitrotoluene	9.83	165	34633	8.544	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	34633	6.417	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	20505	3.966	ng	# 1

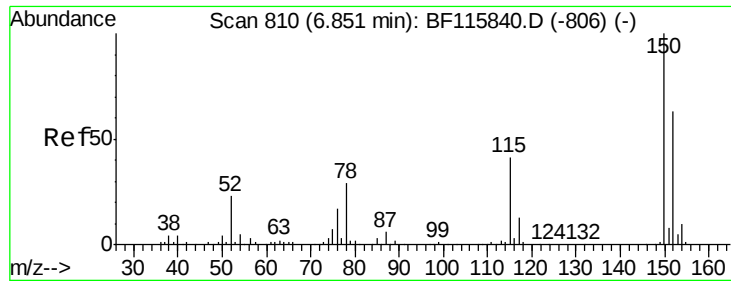
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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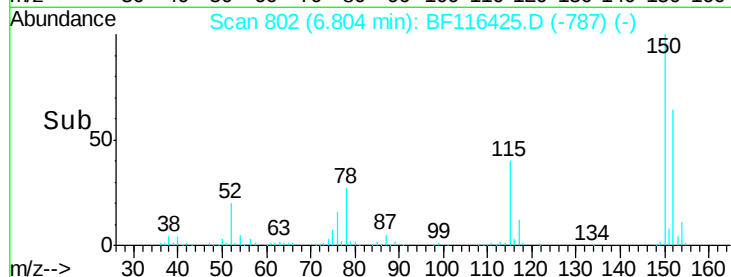
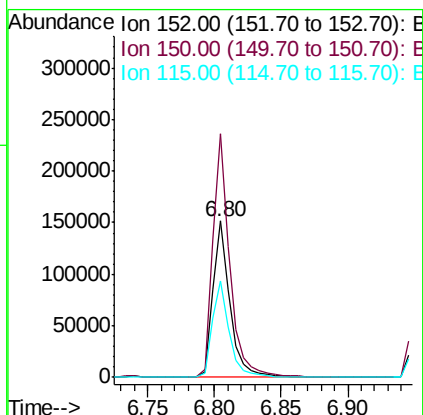
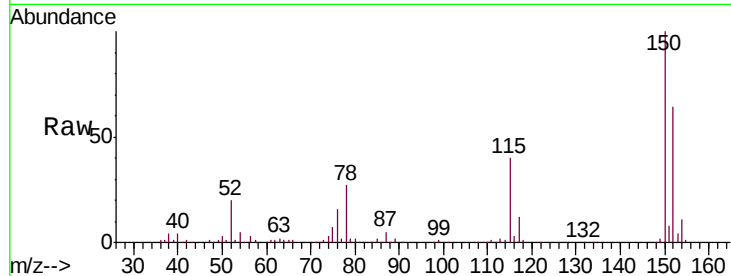


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116425.D
Acq: 20 Aug 2019 10:50

Instrument :
BNA_F
ClientSampleId :
PB122336TB

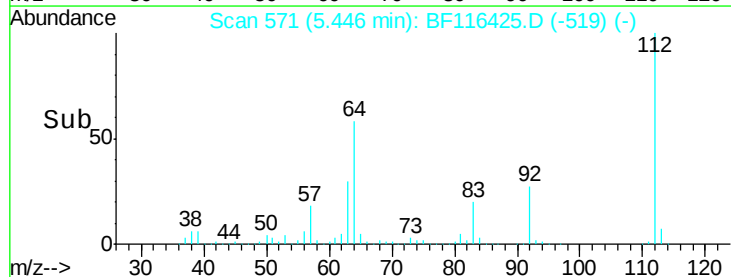
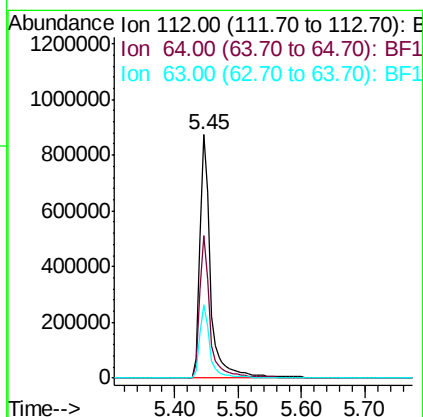
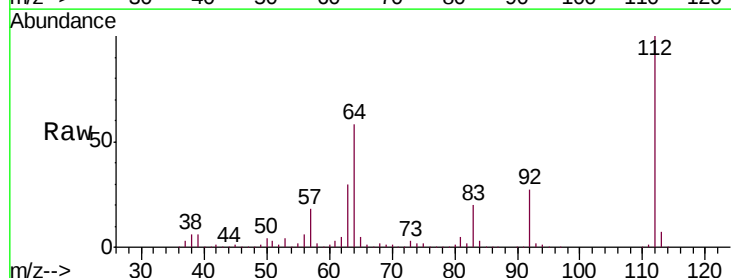
Tgt Ion:152 Resp: 137233
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 61.9 49.9 74.9

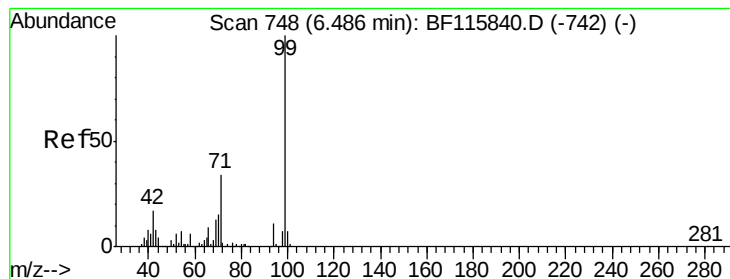


#5

2-Fluorophenol
Concen: 124.858 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF116425.D
Acq: 20 Aug 2019 10:50

Tgt Ion:112 Resp: 1023537
Ion Ratio Lower Upper
112 100
64 58.4 45.4 68.2
63 30.1 23.7 35.5





#7

Phenol-d6

Concen: 127.889 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116425.D

Acq: 20 Aug 2019 10:50

Instrument :

BNA_F

ClientSampleId :

PB122336TB

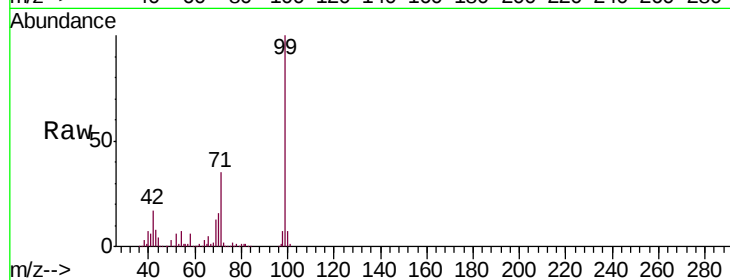
Tgt Ion: 99 Resp: 1322726

Ion Ratio Lower Upper

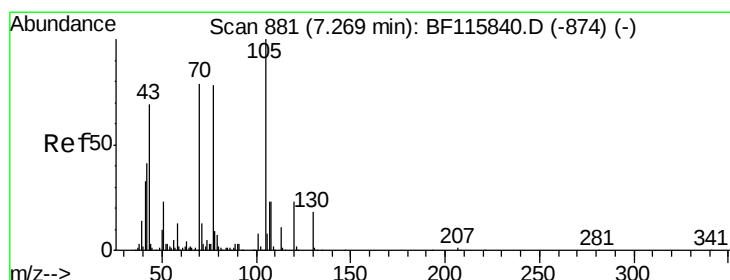
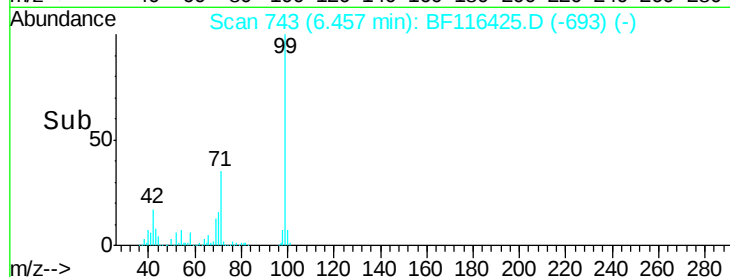
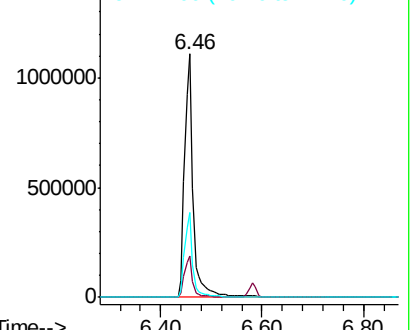
99 100

42 17.0 13.8 20.8

71 34.6 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: 17.547 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF116425.D

Acq: 20 Aug 2019 10:50

Tgt Ion: 70 Resp: 112464

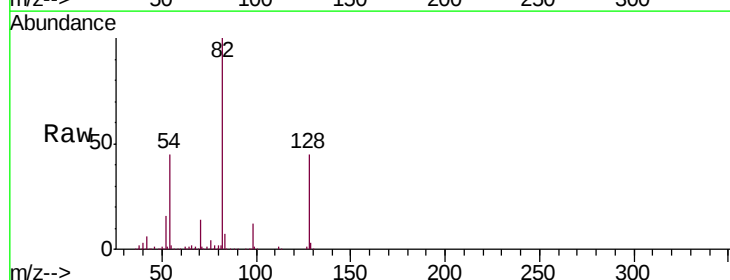
Ion Ratio Lower Upper

70 100

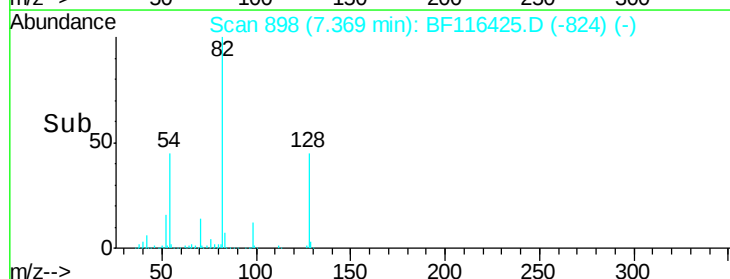
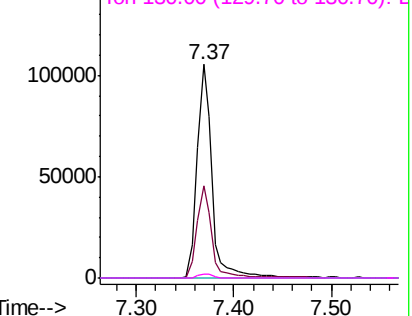
42 43.0 40.9 61.3

101 0.0 7.9 11.9#

130 2.1 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

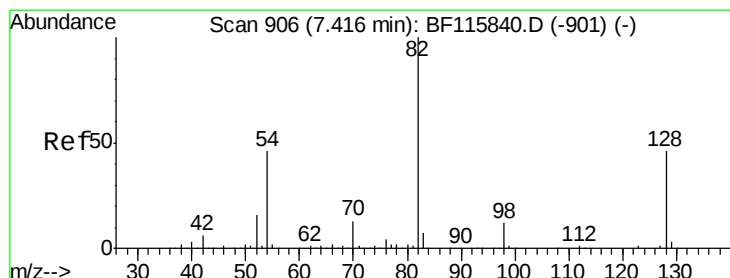
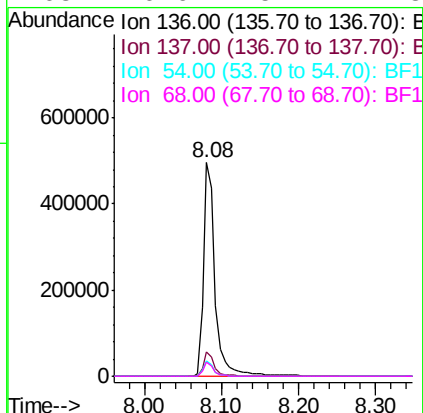
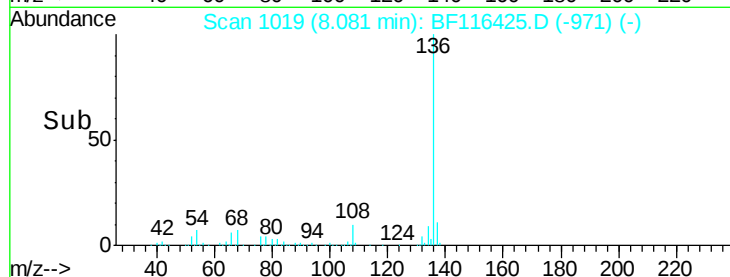
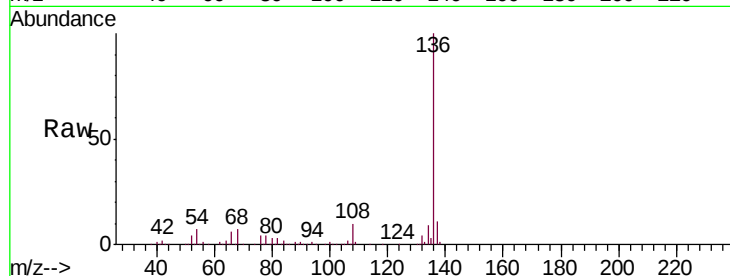




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF116425.D
Acq: 20 Aug 2019 10:50

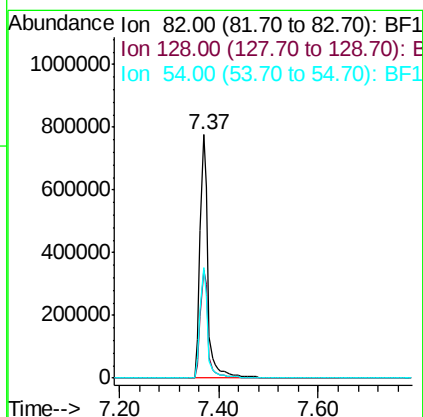
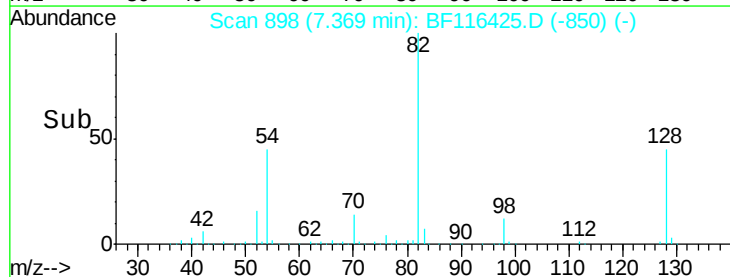
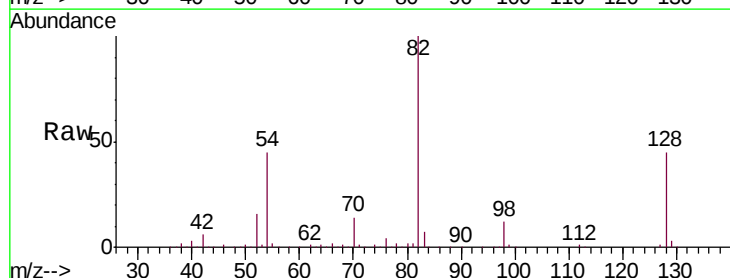
Instrument :
BNA_F
ClientSampleId :
PB122336TB

Tgt Ion:	136	Resp:	519519
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.4	5.8	8.6
68	6.6	5.2	7.8



#23
Nitrobenzene-d5
Concen: 94.879 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116425.D
Acq: 20 Aug 2019 10:50

Tgt Ion:	82	Resp:	853926
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.5	54.7
54	45.4	36.0	54.0





#25

Isophorone

Concen: 49.682 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF116425.D

Acq: 20 Aug 2019 10:50

Instrument :

BNA_F

ClientSampleId :

PB122336TB

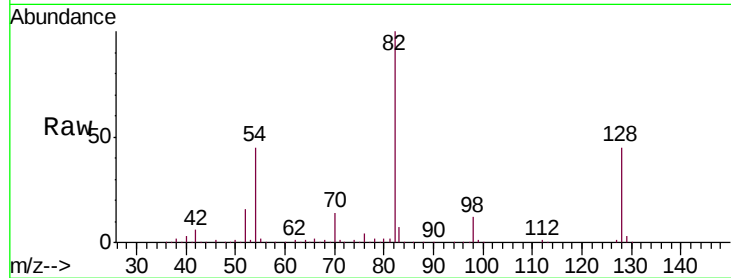
Tgt Ion: 82 Resp: 855013

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

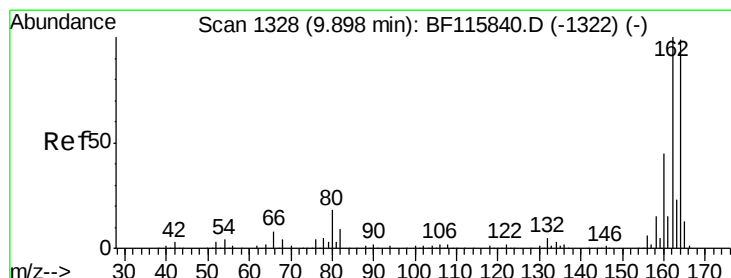
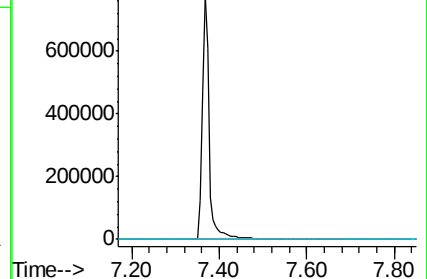
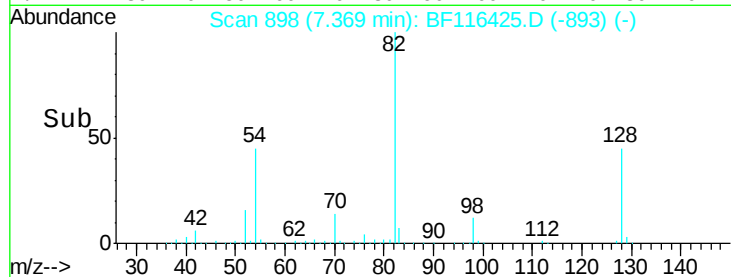
138 0.0 14.5 21.7#



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: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116425.D

Acq: 20 Aug 2019 10:50

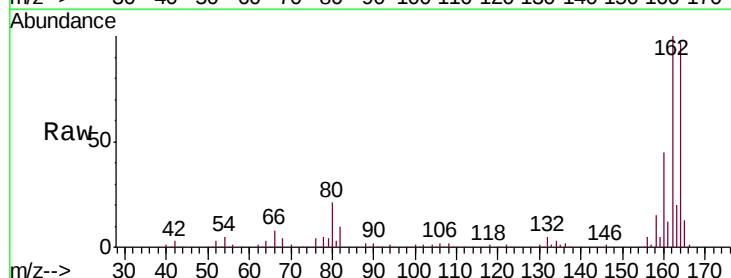
Tgt Ion: 164 Resp: 273932

Ion Ratio Lower Upper

164 100

162 102.9 82.6 124.0

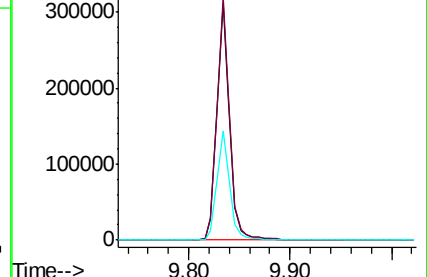
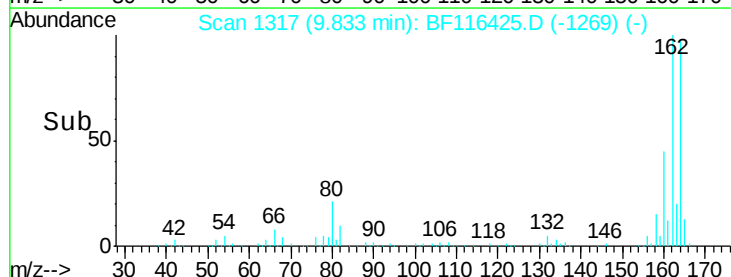
160 46.2 37.6 56.4



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

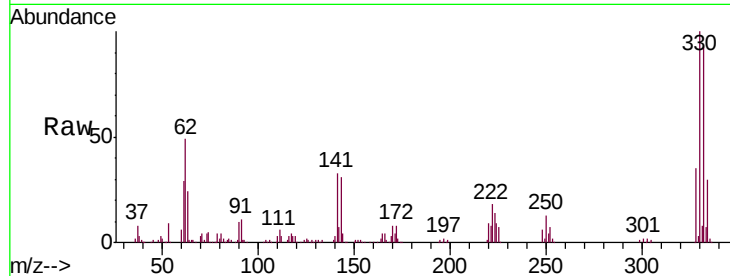




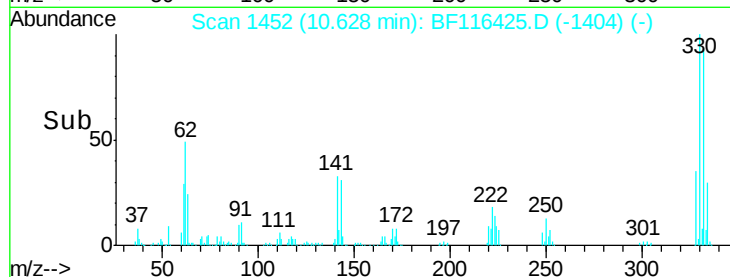
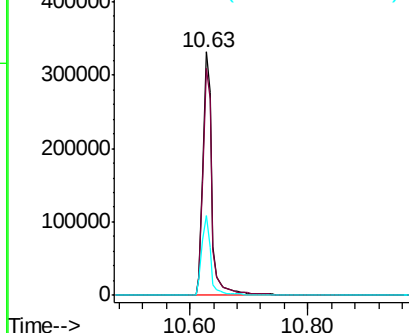
#42
 2,4,6-Tribromophenol
 Concen: 130.494 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116425.D
 Acq: 20 Aug 2019 10:50

Instrument :
 BNA_F
 ClientSampleId :
 PB122336TB

Tgt Ion:330 Resp: 346572
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.8 115.2
 141 32.7 26.3 39.5

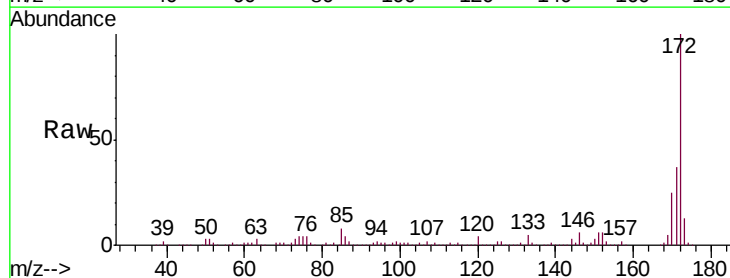


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

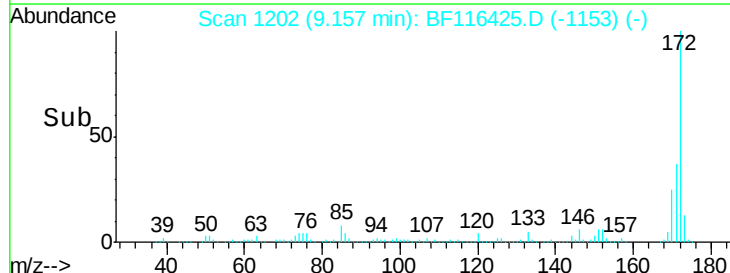
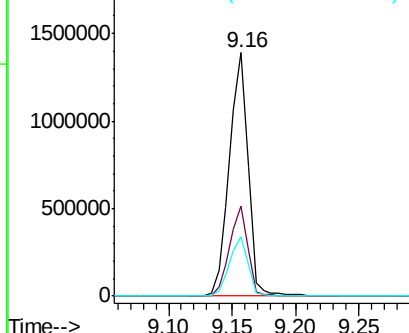


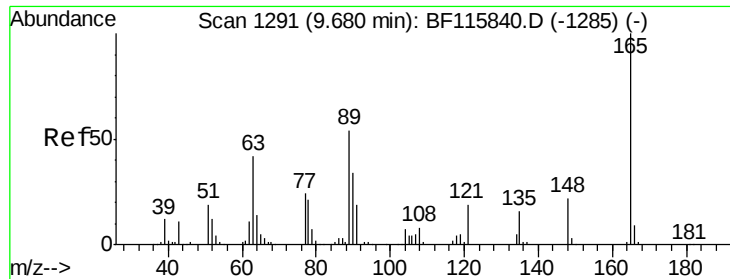
#45
 2-Fluorobiphenyl
 Concen: 97.659 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116425.D
 Acq: 20 Aug 2019 10:50

Tgt Ion:172 Resp: 1428239
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.6 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

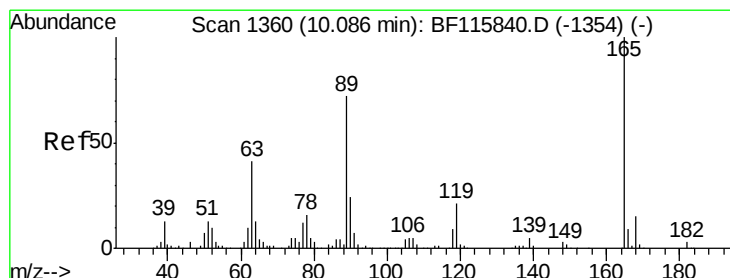
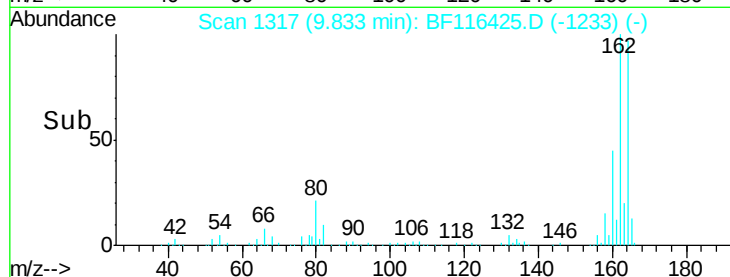
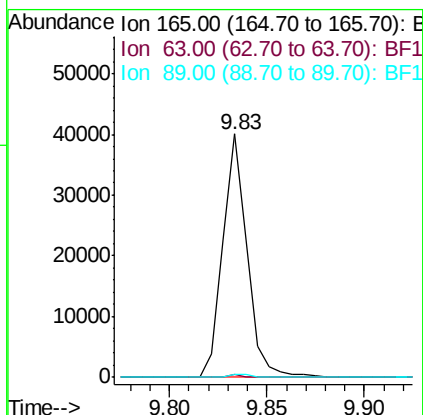
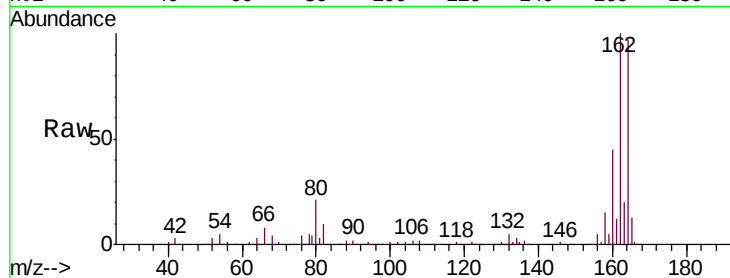




#51
 2,6-Dinitrotoluene
 Concen: 8.544 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF116425.D
 Acq: 20 Aug 2019 10:50

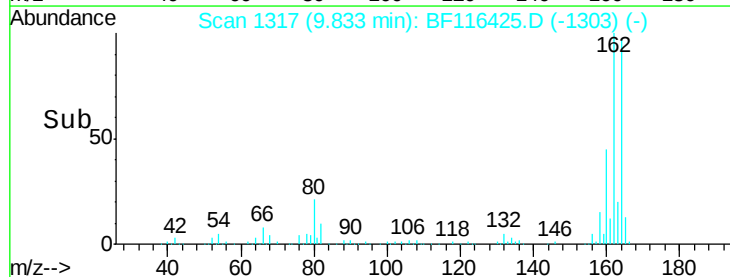
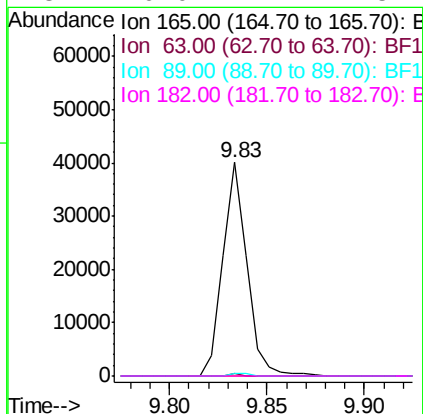
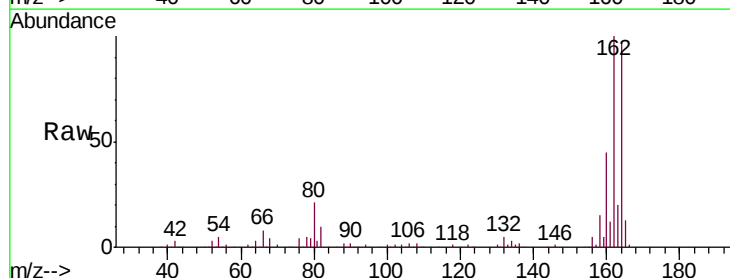
Instrument :
 BNA_F
 ClientSampleId :
 PB122336TB

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	38.2	57.2#
89	1.4	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.417 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF116425.D
 Acq: 20 Aug 2019 10:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.6	59.4#
89	1.4	62.2	93.2#
182	0.0	2.1	3.1#

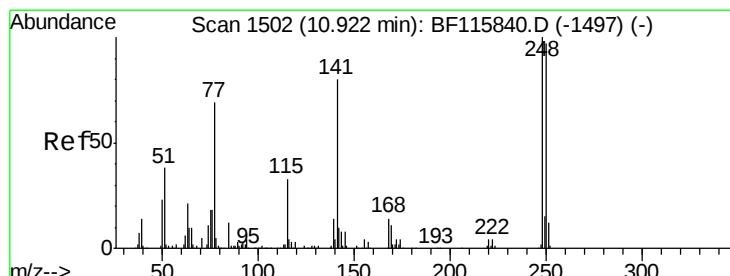
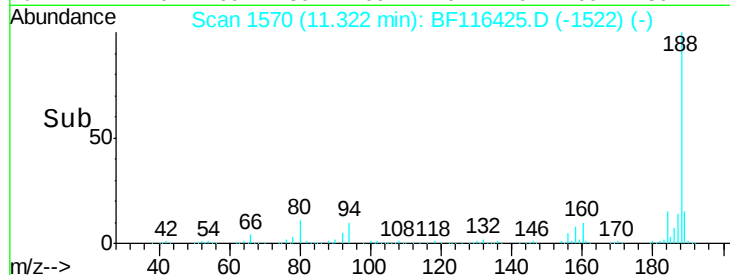
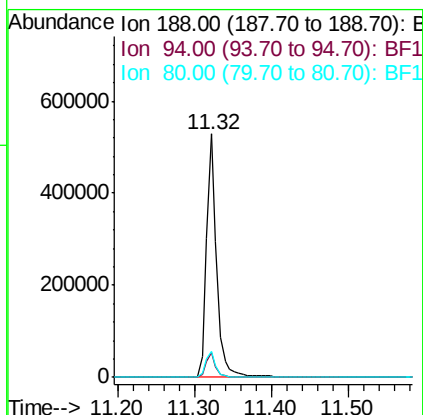
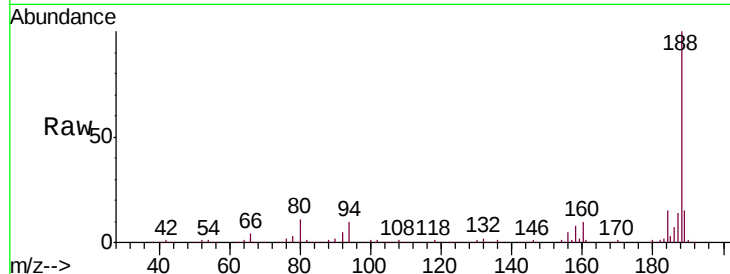




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116425.D
Acq: 20 Aug 2019 10:50

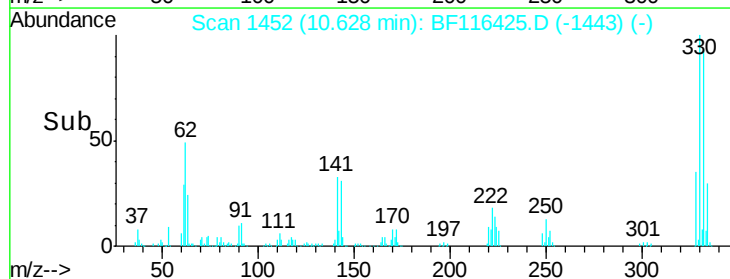
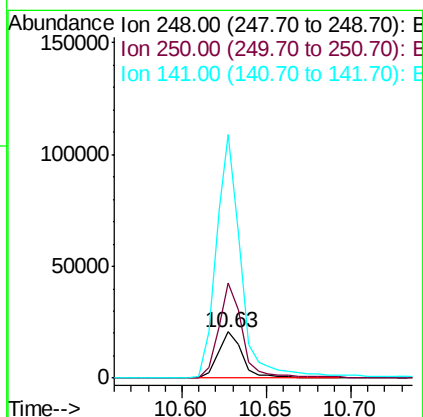
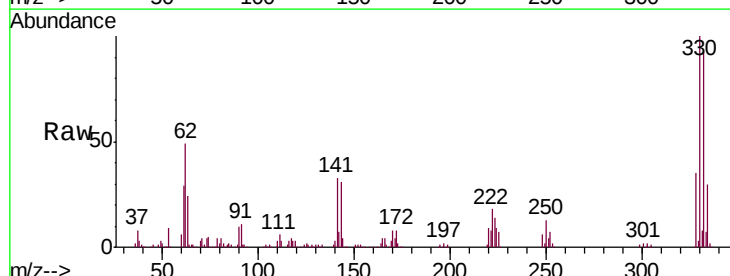
Instrument :
BNA_F
ClientSampleId :
PB122336TB

Tgt Ion:188 Resp: 482922
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 10.7 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 3.966 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF116425.D
Acq: 20 Aug 2019 10:50

Tgt Ion:248 Resp: 20505
Ion Ratio Lower Upper
248 100
250 204.1 77.4 116.2#
141 524.7 56.8 85.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF116425.D

Acq: 20 Aug 2019 10:50

Instrument :

BNA_F

ClientSampleId :

PB122336TB

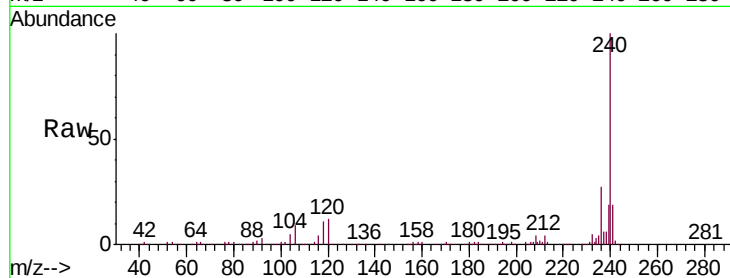
Tgt Ion:240 Resp: 352834

Ion Ratio Lower Upper

240 100

120 12.3 10.7 16.1

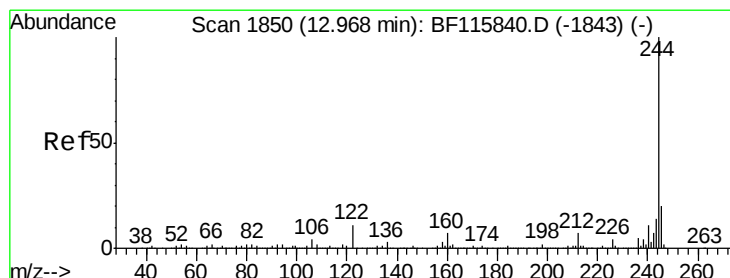
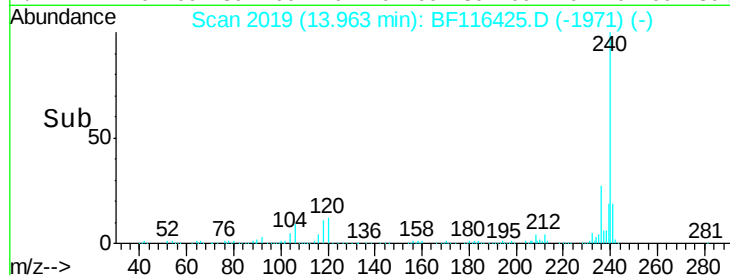
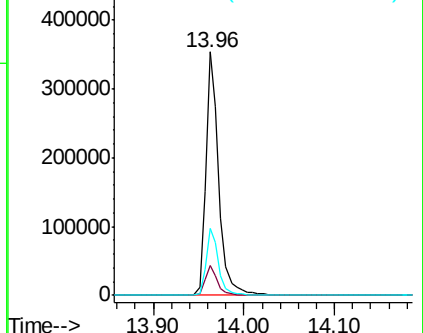
236 27.3 22.2 33.2



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: 97.669 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF116425.D

Acq: 20 Aug 2019 10:50

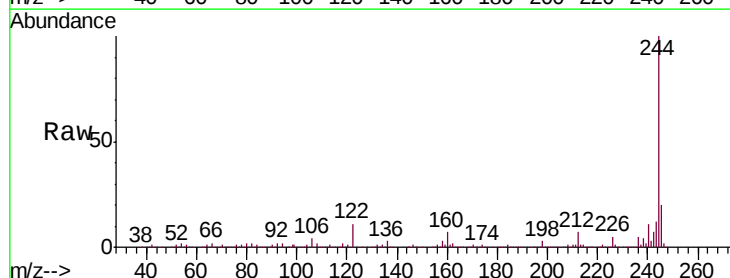
Tgt Ion:244 Resp: 1635415

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

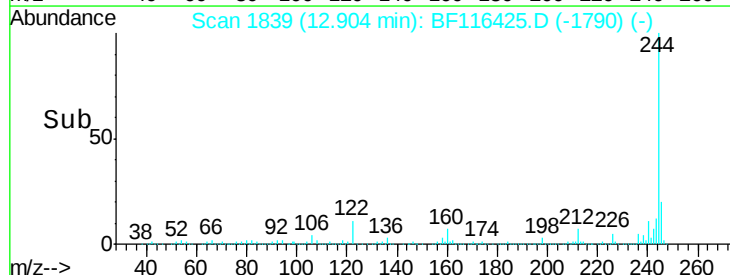
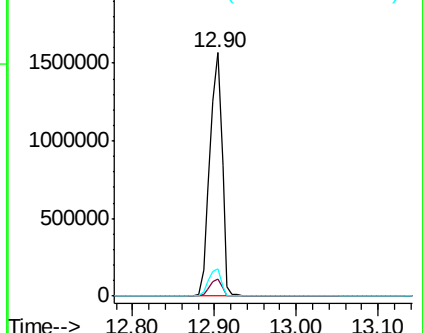
122 11.0 9.0 13.4

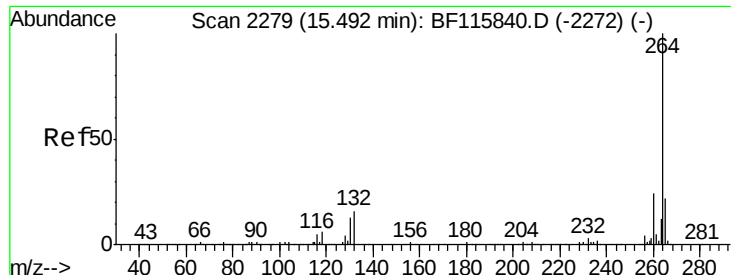


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116425.D
Acq: 20 Aug 2019 10:50

Instrument :
BNA_F
ClientSampleId :
PB122336TB

Tgt Ion:264 Resp: 327745
Ion Ratio Lower Upper
264 100
260 25.1 19.7 29.5
265 21.8 17.4 26.0

