

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082019\
 Data File : BF116422.D
 Acq On : 20 Aug 2019 9:29
 Operator : HP/JU
 Sample : PB122344TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122344TB

Quant Time: Aug 20 15:07:33 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

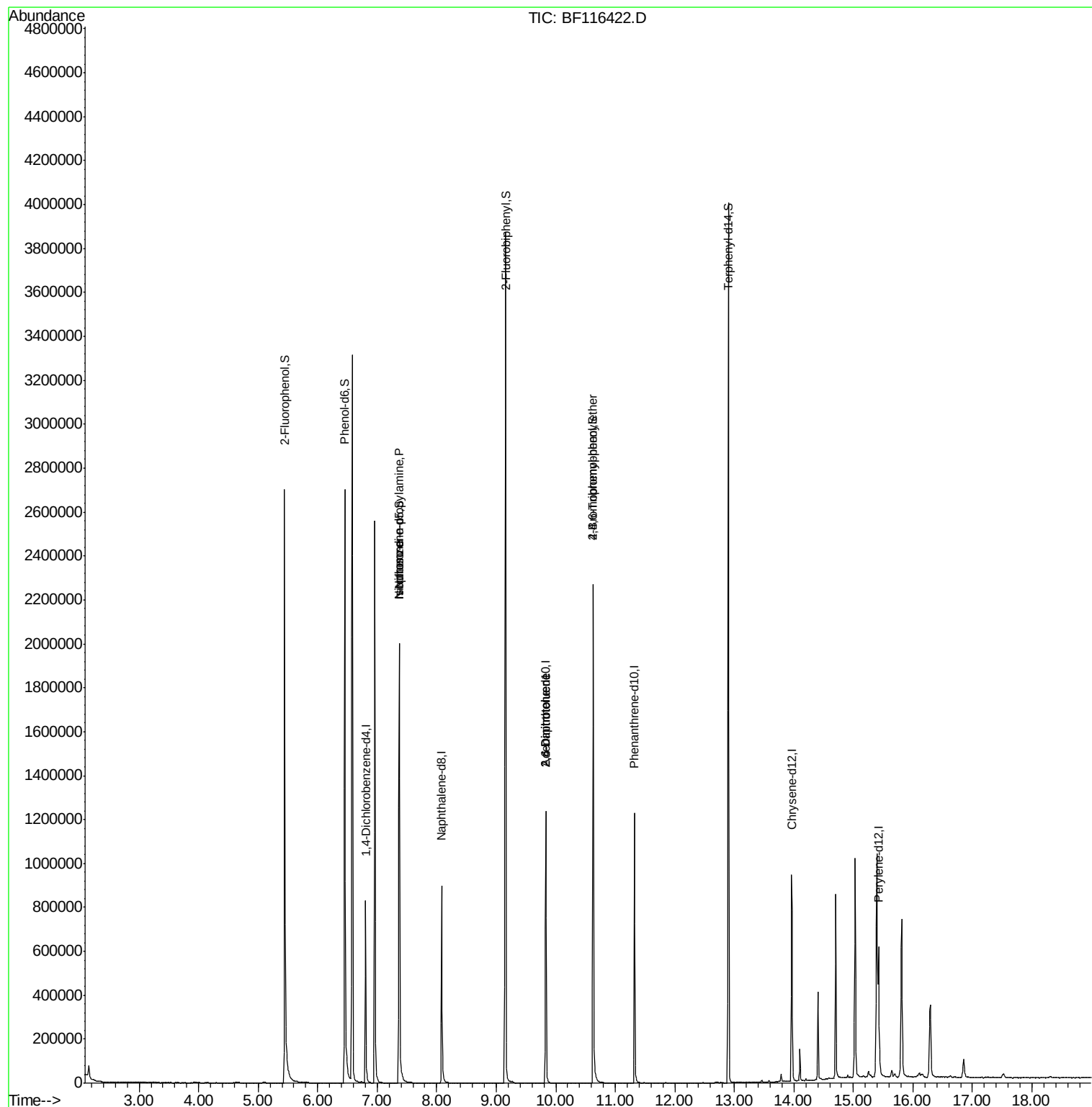
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	128069	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	486786	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	257506	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	462078	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	326844	20.00	ng	-0.02
87) Perylene-d12	15.42	264	304379	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	920255	120.29	ng	0.00
7) Phenol-d6	6.46	99	1184022	122.67	ng	0.00
23) Nitrobenzene-d5	7.37	82	758351	89.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	305186	122.24	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1304830	94.91	ng	-0.01
79) Terphenyl-d14	12.90	244	1446999	93.29	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	100094	16.735	ng	# 80
25) Isophorone	7.37	82	758351	47.028	ng	# 65
51) 2,6-Dinitrotoluene	9.83	165	32371	8.496	ng	# 29
57) 2,4-Dinitrotoluene	9.83	165	32371	6.381	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	18778	3.796	ng	# 1

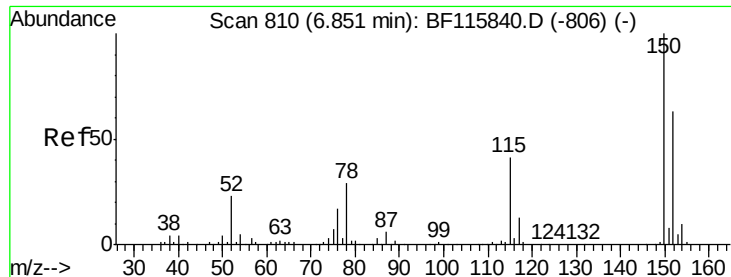
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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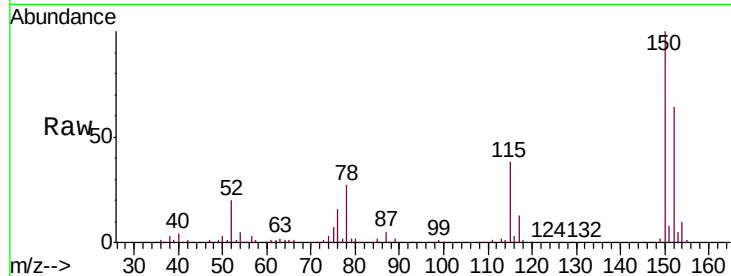


#1

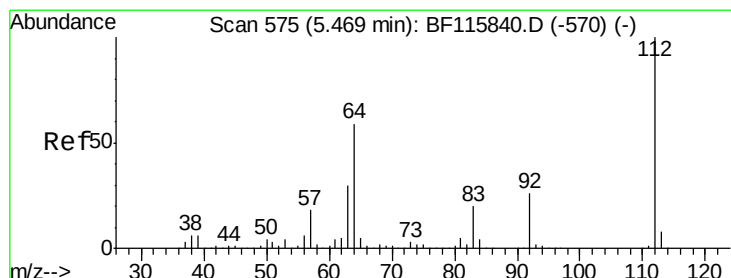
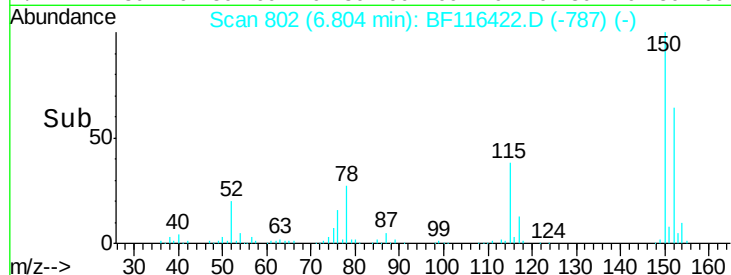
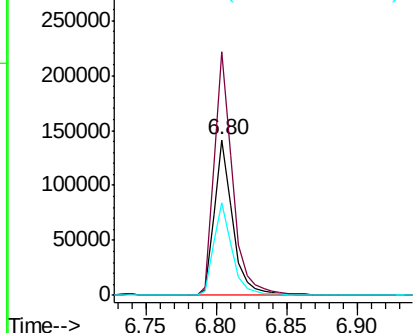
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116422.D
Acq: 20 Aug 2019 9:29

Instrument :
BNA_F
ClientSampleId :
PB122344TB

Tgt Ion:152 Resp: 128069
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 59.5 49.9 74.9



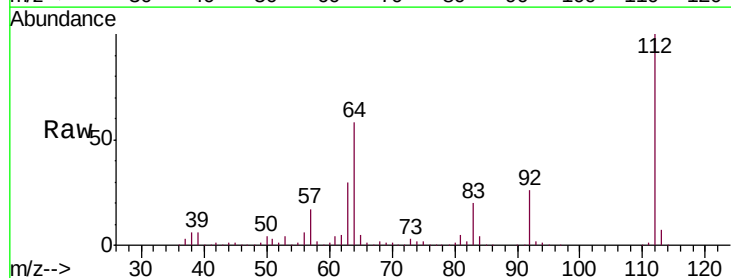
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



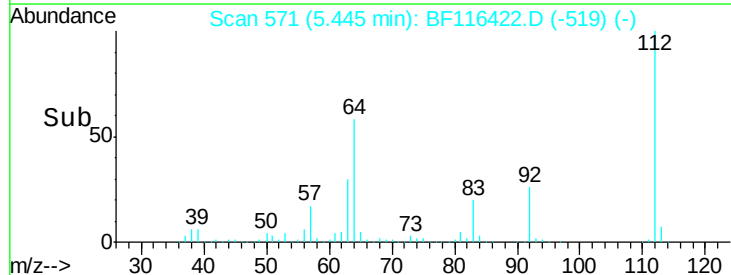
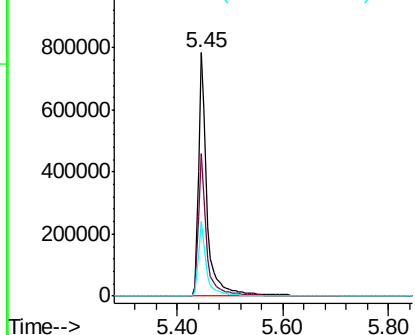
#5

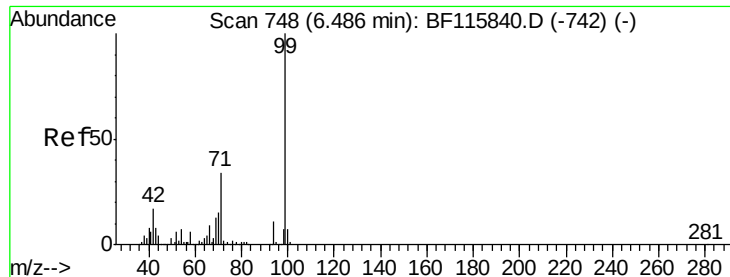
2-Fluorophenol
Concen: 120.292 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF116422.D
Acq: 20 Aug 2019 9:29

Tgt Ion:112 Resp: 920255
Ion Ratio Lower Upper
112 100
64 58.3 45.4 68.2
63 30.5 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: 122.670 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF116422.D

Acq: 20 Aug 2019 9:29

Instrument :

BNA_F

ClientSampleId :

PB122344TB

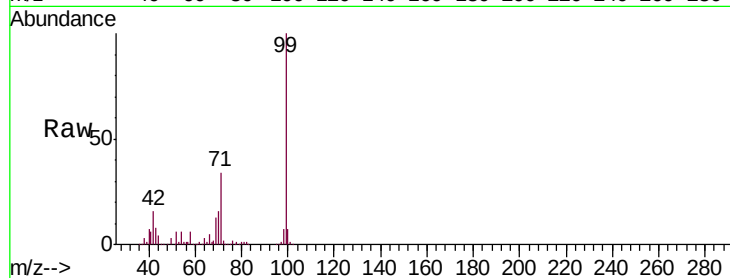
Tgt Ion: 99 Resp: 1184022

Ion Ratio Lower Upper

99 100

42 16.1 13.8 20.8

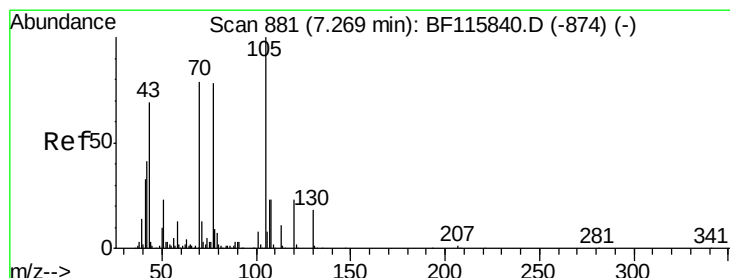
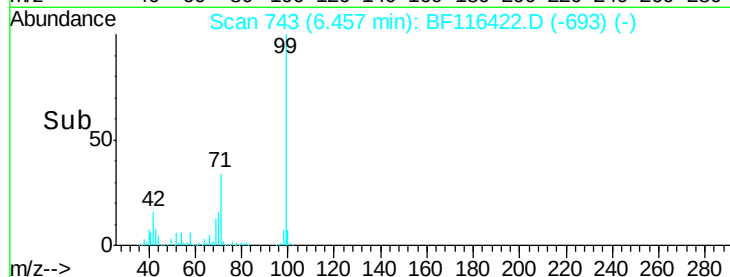
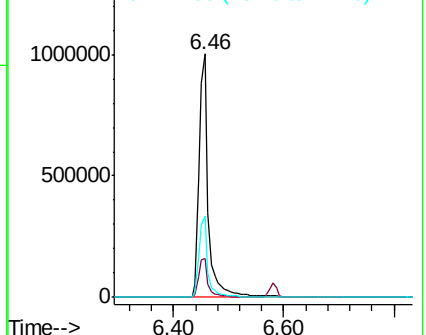
71 33.5 27.3 40.9



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: 16.735 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF116422.D

Acq: 20 Aug 2019 9:29

Tgt Ion: 70 Resp: 100094

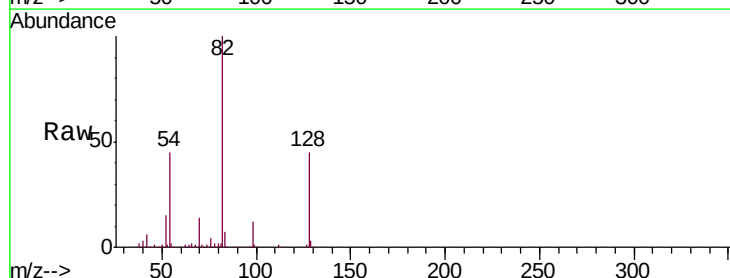
Ion Ratio Lower Upper

70 100

42 43.4 40.9 61.3

101 0.0 7.9 11.9#

130 2.4 16.9 25.3#

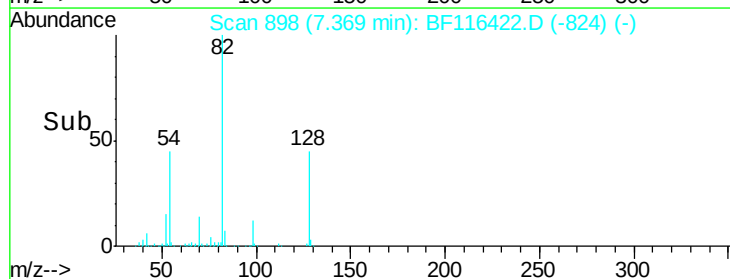
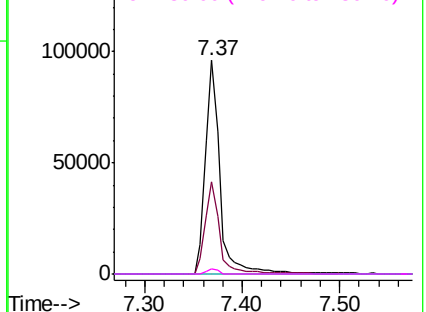


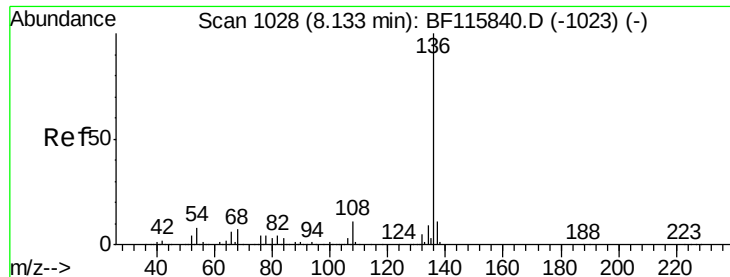
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

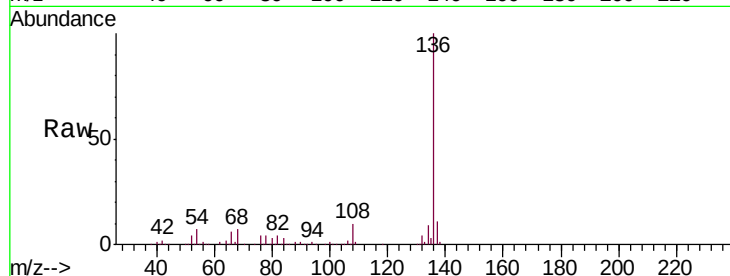




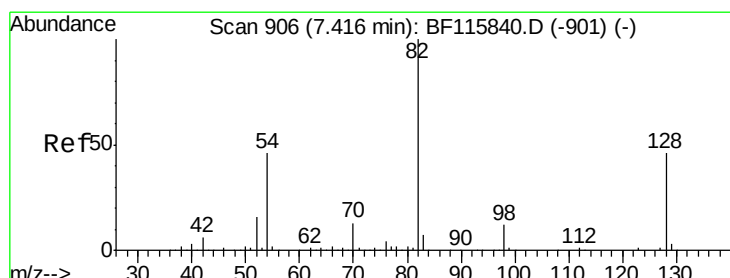
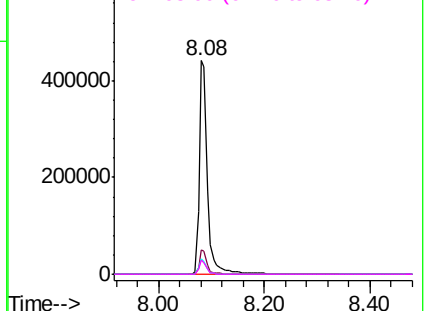
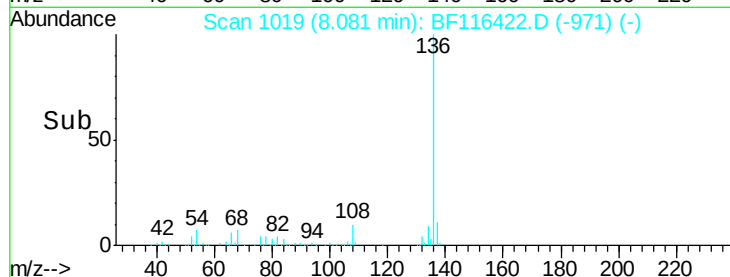
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF116422.D
Acq: 20 Aug 2019 9:29

Instrument :
BNA_F
ClientSampleId :
PB122344TB

Tgt Ion:	136	Resp:	486786
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.5	5.8	8.6
68	6.7	5.2	7.8

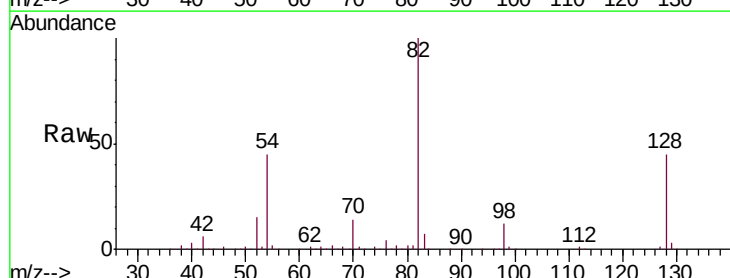


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

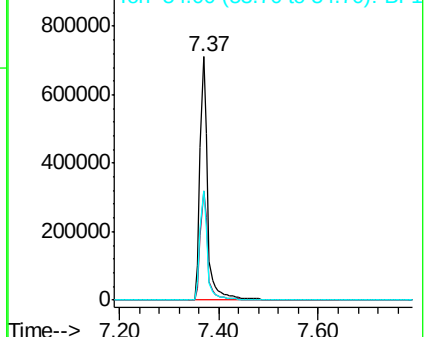
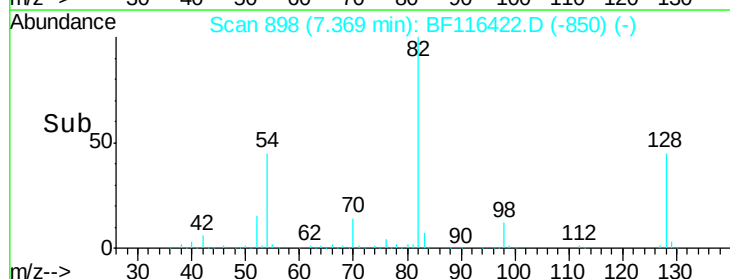


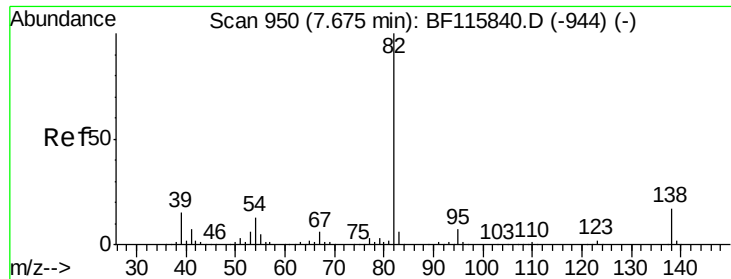
#23
Nitrobenzene-d5
Concen: 89.925 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116422.D
Acq: 20 Aug 2019 9:29

Tgt Ion:	82	Resp:	758351
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.5	54.7
54	44.9	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: 47.028 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF116422.D

Acq: 20 Aug 2019 9:29

Instrument :

BNA_F

ClientSampleId :

PB122344TB

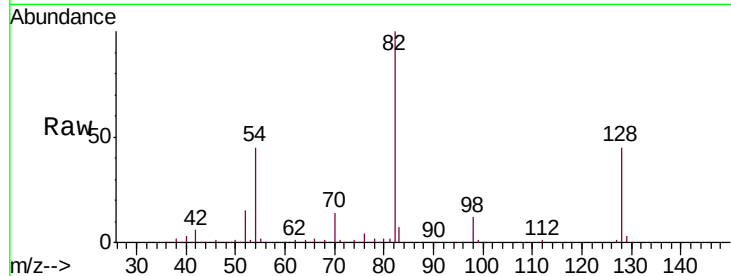
Tgt Ion: 82 Resp: 758351

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

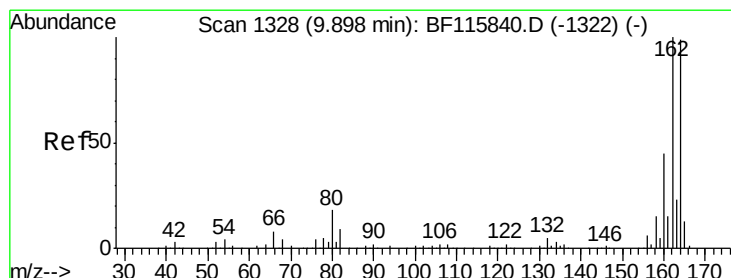
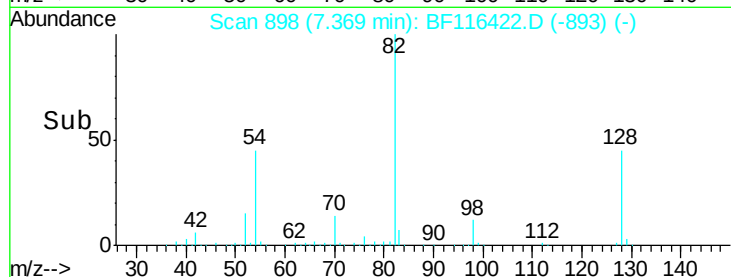
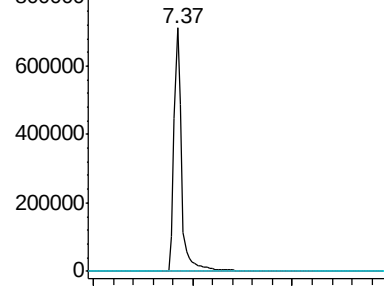
138 0.0 14.5 21.7#



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: BF116422.D

Acq: 20 Aug 2019 9:29

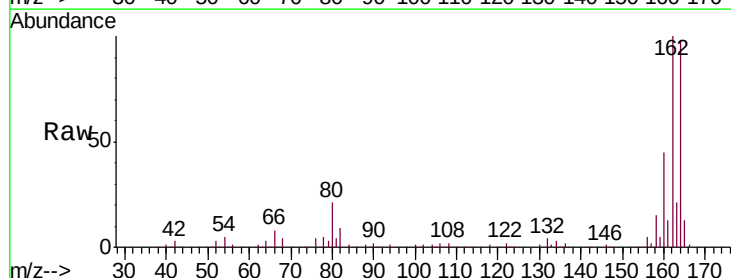
Tgt Ion: 164 Resp: 257506

Ion Ratio Lower Upper

164 100

162 102.3 82.6 124.0

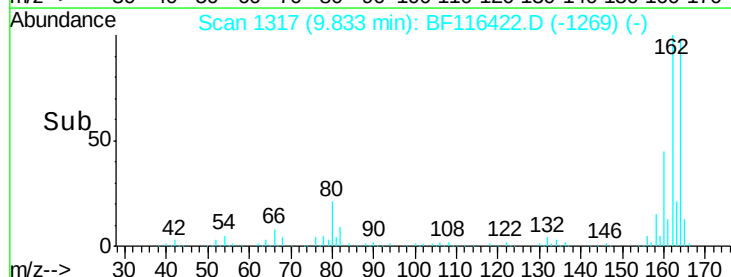
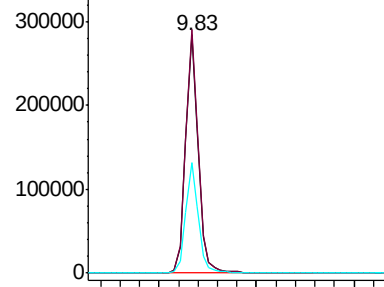
160 46.2 37.6 56.4

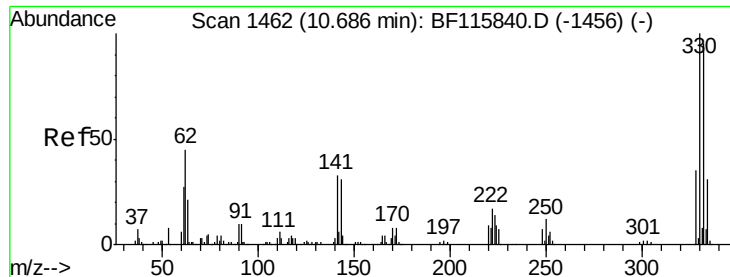


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

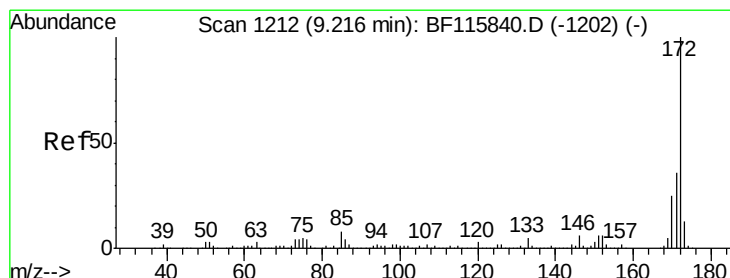
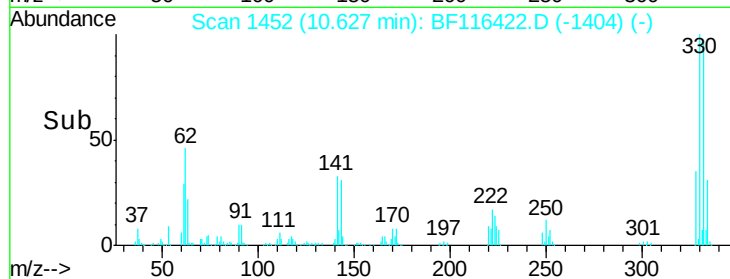
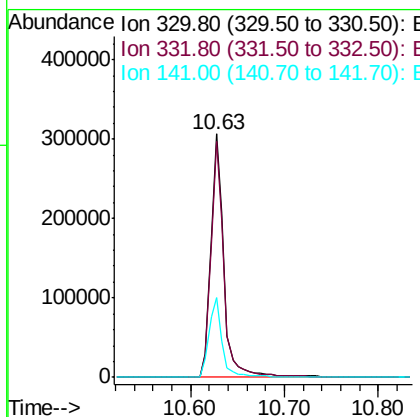
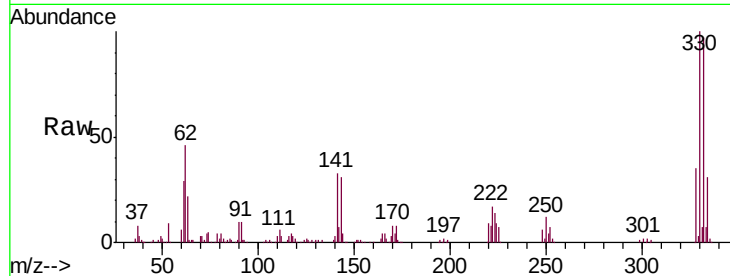




#42
 2,4,6-Tribromophenol
 Concen: 122.241 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116422.D
 Acq: 20 Aug 2019 9:29

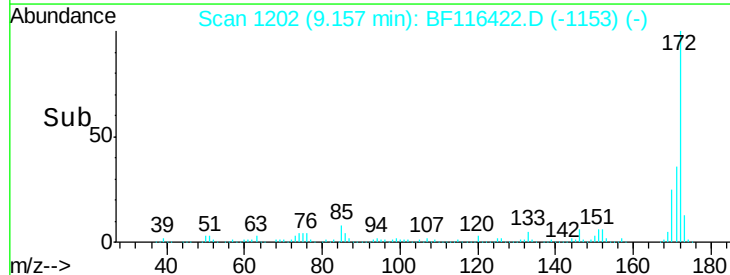
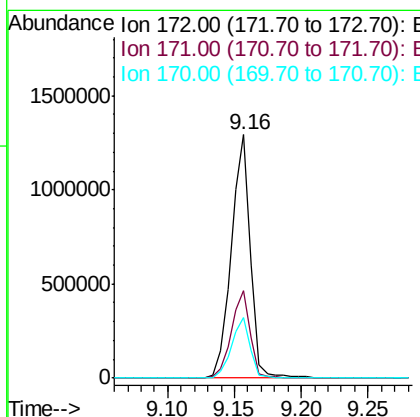
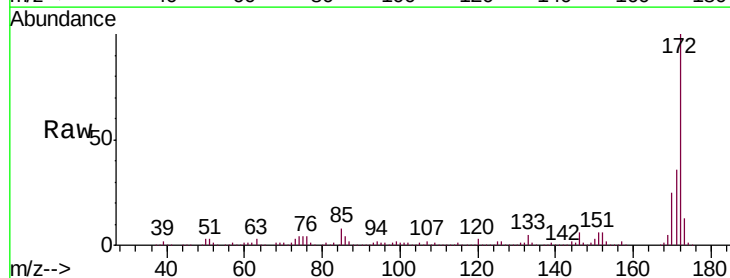
Instrument :
 BNA_F
 ClientSampleId :
 PB122344TB

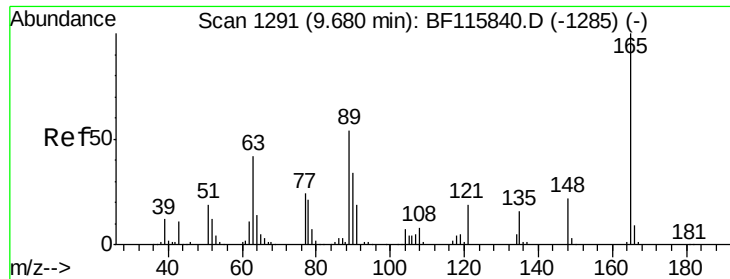
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	33.4	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 94.912 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116422.D
 Acq: 20 Aug 2019 9:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.9	20.1	30.1

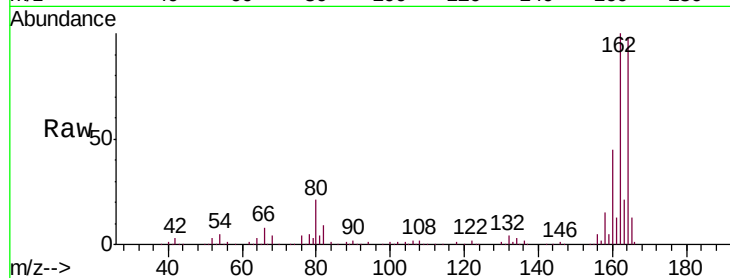




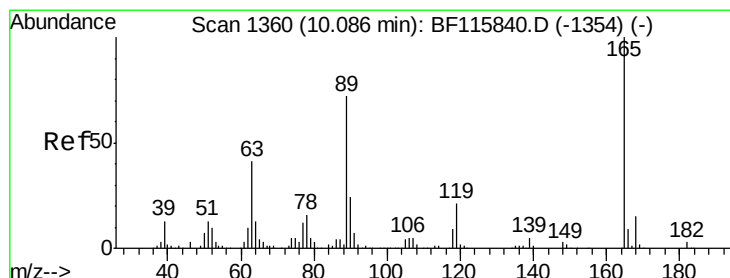
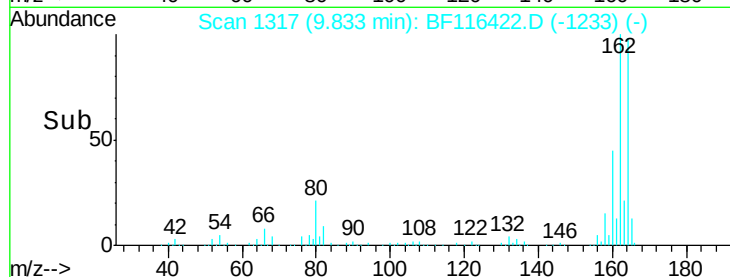
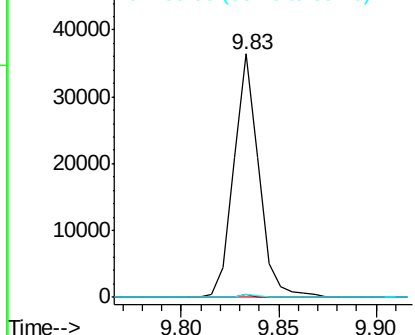
#51
 2,6-Dinitrotoluene
 Concen: 8.496 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF116422.D
 Acq: 20 Aug 2019 9:29

Instrument :
 BNA_F
 ClientSampleId :
 PB122344TB

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	38.2	57.2#
89	1.3	42.9	64.3#

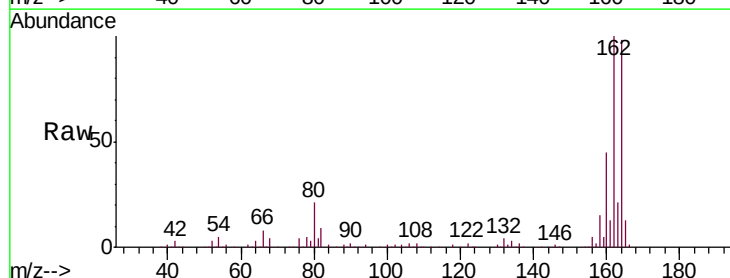


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

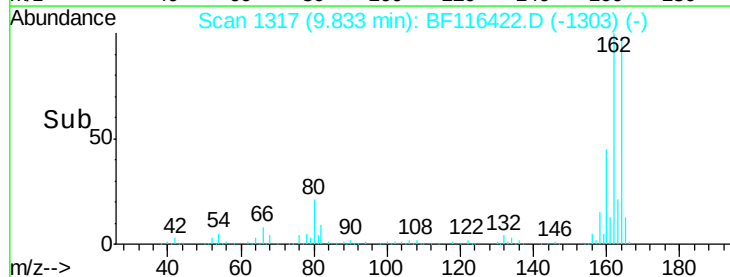
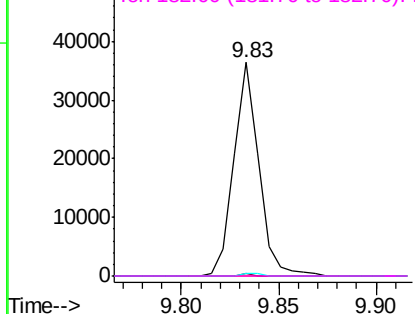


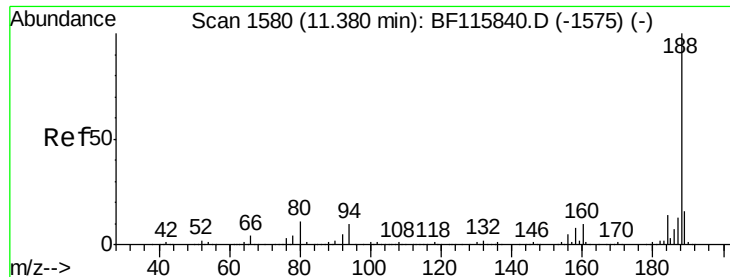
#57
 2,4-Dinitrotoluene
 Concen: 6.381 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF116422.D
 Acq: 20 Aug 2019 9:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	39.6	59.4#
89	1.3	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

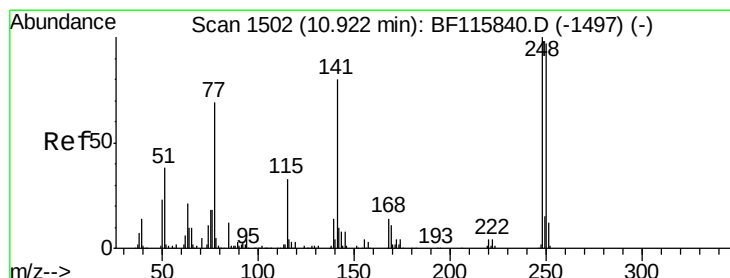
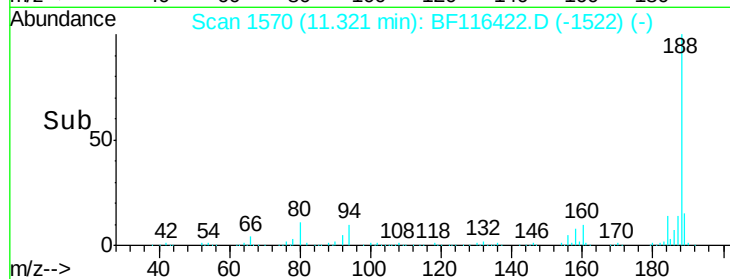
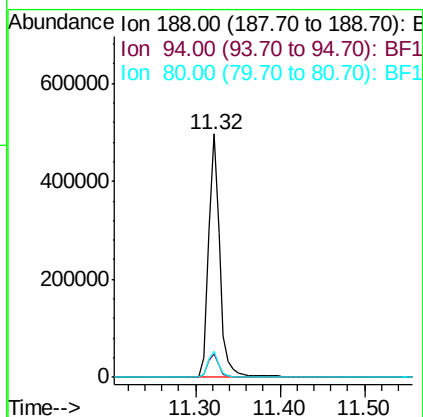
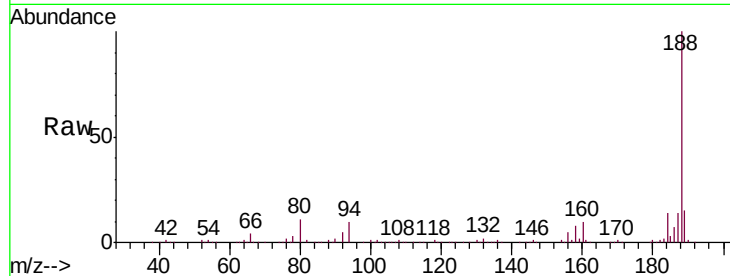




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF116422.D
 Acq: 20 Aug 2019 9:29

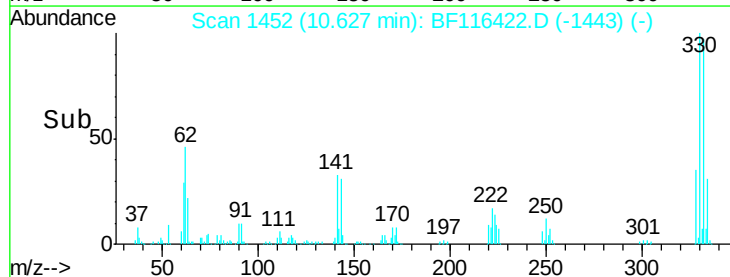
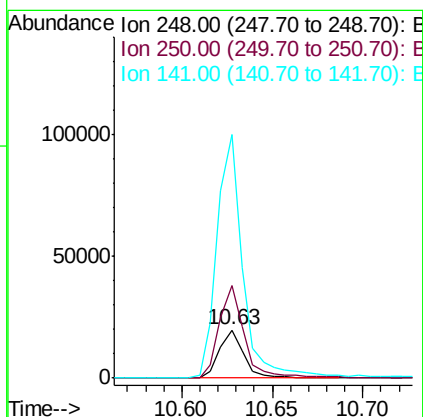
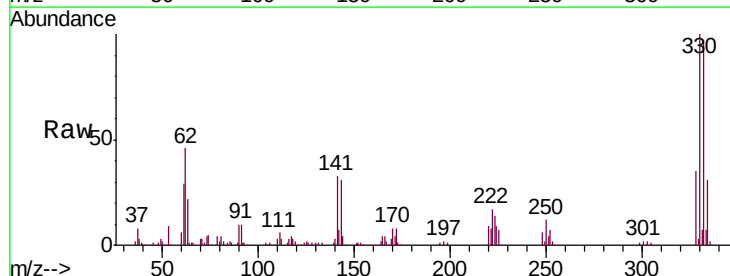
Instrument :
 BNA_F
 ClientSampleId :
 PB122344TB

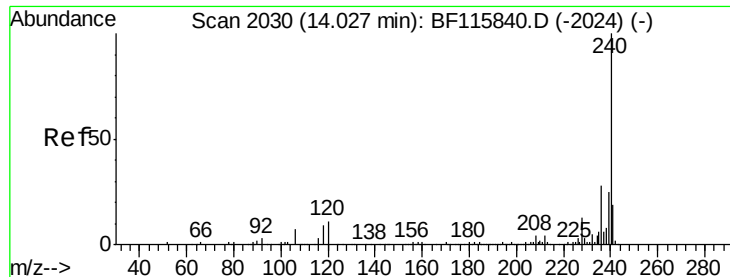
Tgt Ion:188 Resp: 462078
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.1 12.1
 80 10.7 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.796 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF116422.D
 Acq: 20 Aug 2019 9:29

Tgt Ion:248 Resp: 18778
 Ion Ratio Lower Upper
 248 100
 250 193.4 77.4 116.2#
 141 508.4 56.8 85.2#

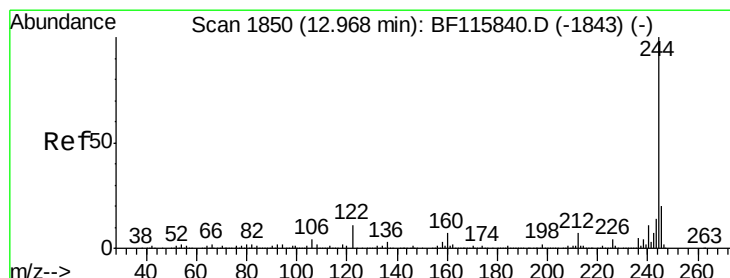
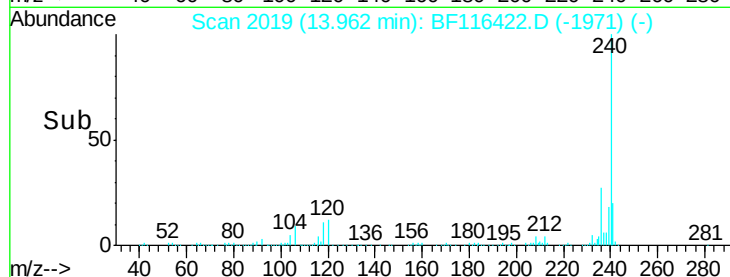
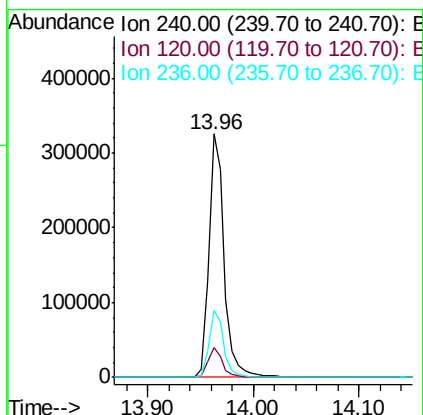
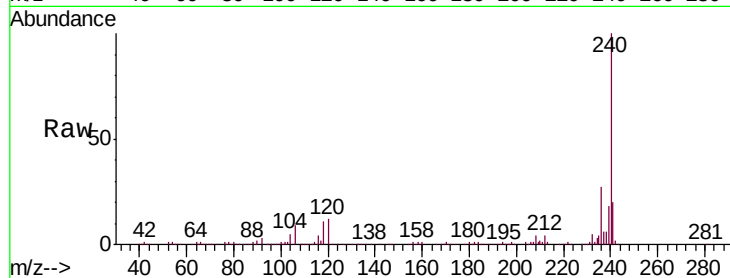




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116422.D
 Acq: 20 Aug 2019 9:29

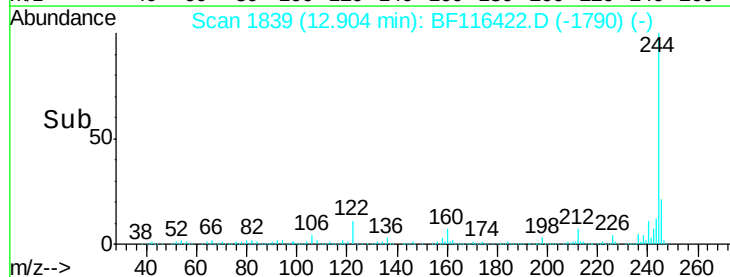
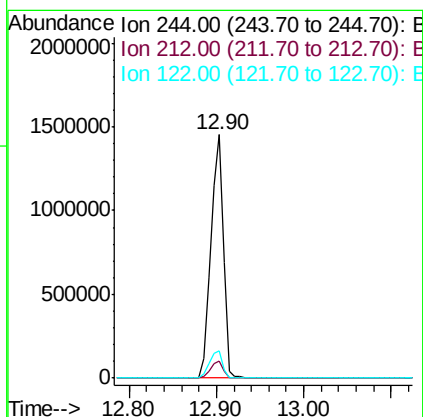
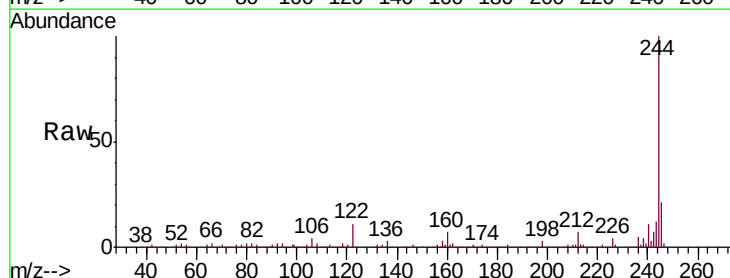
Instrument :
 BNA_F
 ClientSampleId :
 PB122344TB

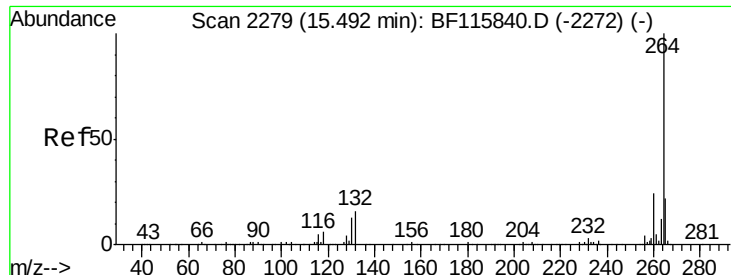
Tgt Ion:240 Resp: 326844
 Ion Ratio Lower Upper
 240 100
 120 12.4 10.7 16.1
 236 27.4 22.2 33.2



#79
 Terphenyl-d14
 Concen: 93.288 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF116422.D
 Acq: 20 Aug 2019 9:29

Tgt Ion:244 Resp: 1446999
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.3 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116422.D
Acq: 20 Aug 2019 9:29

Instrument :
BNA_F
ClientSampleId :
PB122344TB

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.9	17.4	26.0

