

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114612.D
 Acq On : 25 May 2019 18:57
 Operator : JU/SJ
 Sample : PB119943BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 23:45:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

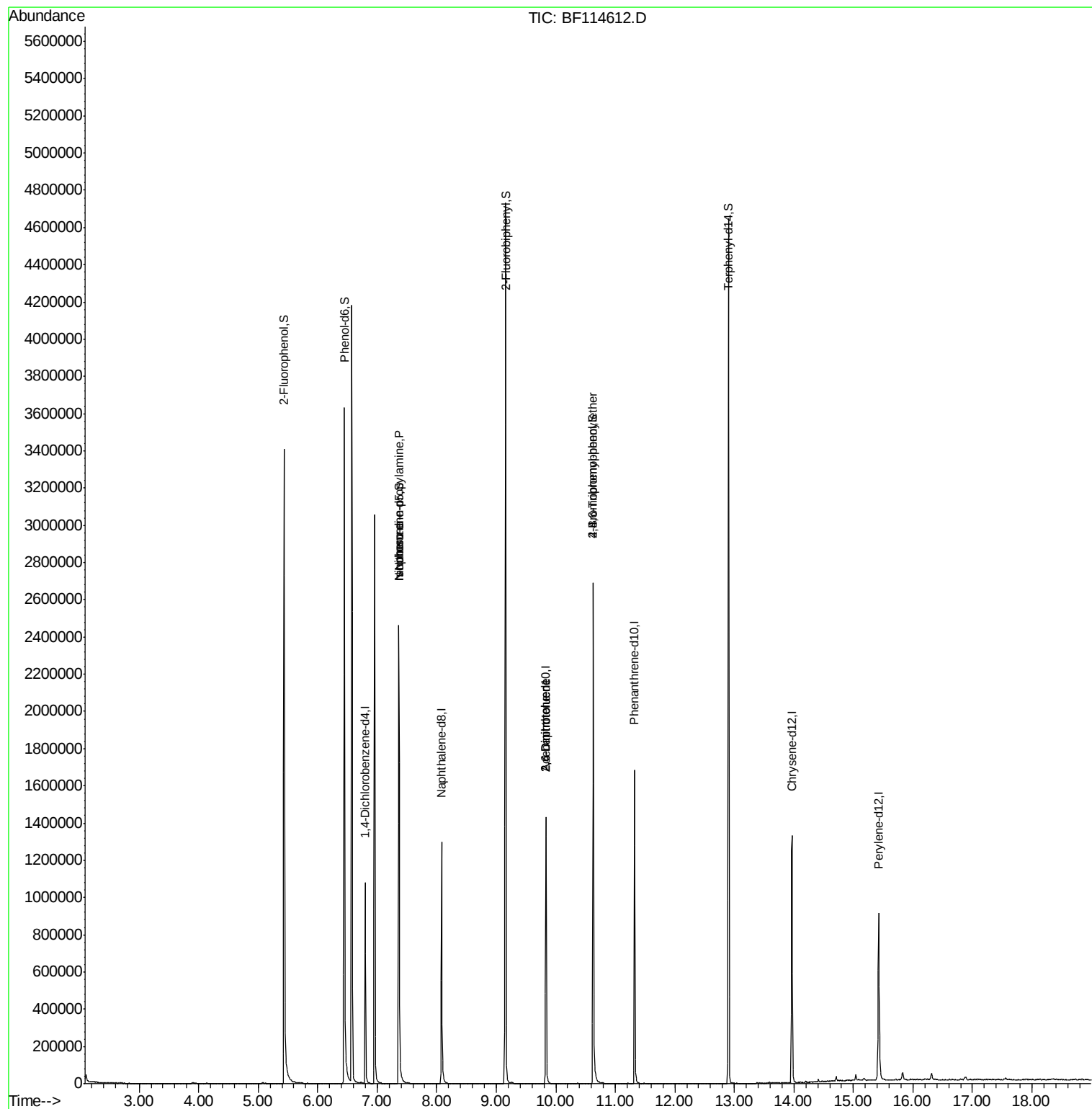
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	162616	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	631722	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	307566	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	652636	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	481304	20.00	ng	-0.02
87) Perylene-d12	15.42	264	473718	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1058235	104.72	ng	-0.01
7) Phenol-d6	6.45	99	1374143	114.98	ng	-0.02
23) Nitrobenzene-d5	7.36	82	822737	73.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	332669	104.62	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1563245	76.88	ng	-0.02
79) Terphenyl-d14	12.90	244	1662719	71.21	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	107953	14.250	ng	# 75
25) Isophorone	7.36	82	822795	39.412	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	39615	7.911	ng	# 22
57) 2,4-Dinitrotoluene	9.83	165	39615	5.828	ng	# 25
67) 4-Bromophenyl-phenylether	10.63	248	21904	3.048	ng	# 1

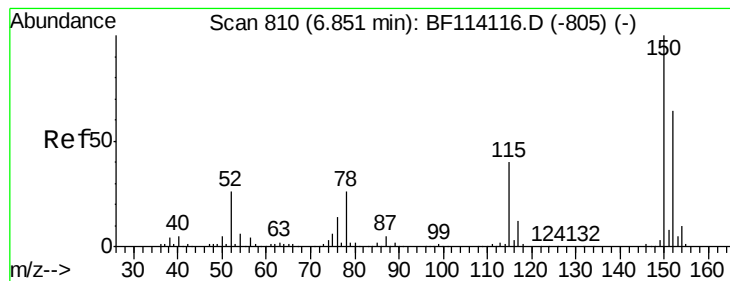
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration



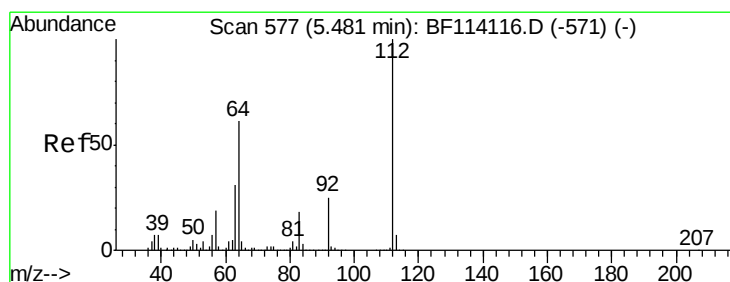
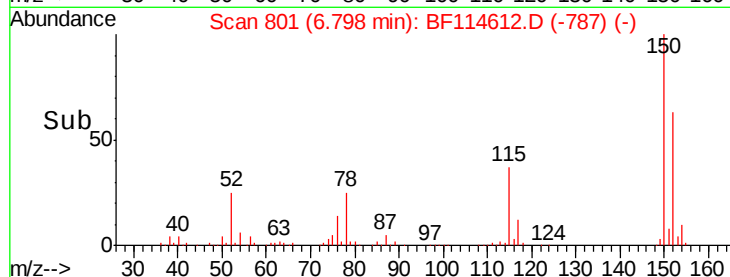
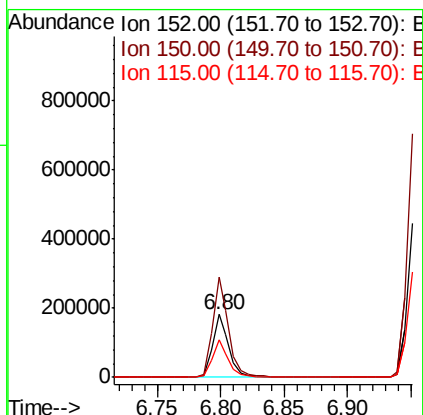
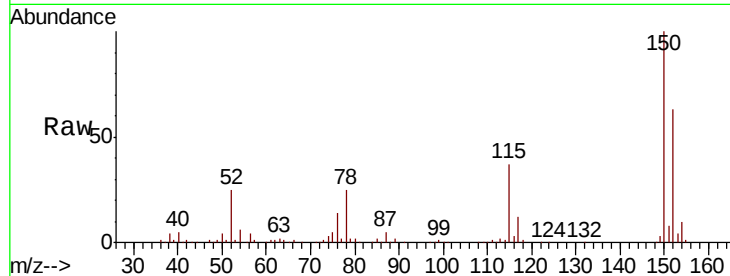


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114612.D
Acq: 25 May 2019 18:57

Instrument :
BNA_F
ClientSampled :

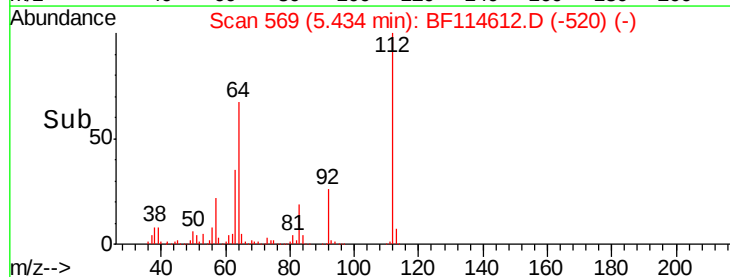
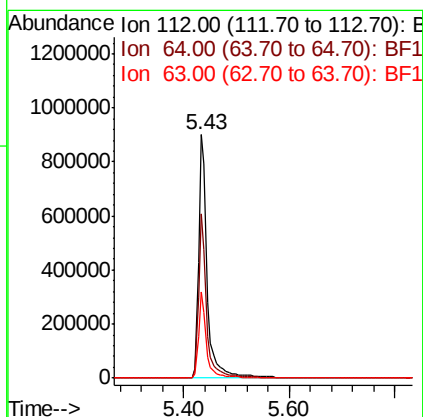
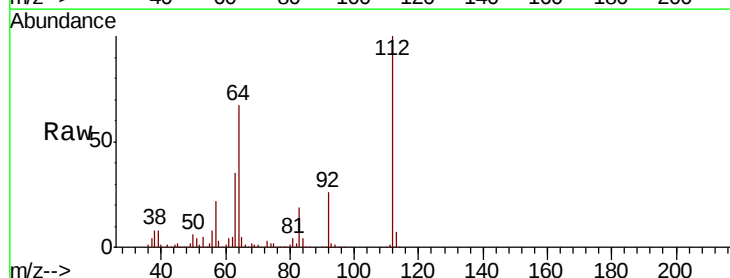
Tot Ion:152 Resp: 162616
Ion Ratio Lower Upper
152 100
150 158.7 124.3 186.5
115 59.3 49.1 73.7



#5

2-Fluorophenol
Concen: 104.724 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF114612.D
Acq: 25 May 2019 18:57

Tgt Ion:112 Resp: 1058235
Ion Ratio Lower Upper
112 100
64 67.4 49.0 73.6
63 35.1 24.6 37.0





#7

Phenol-d6

Concen: 114.976 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF114612.D

Acq: 25 May 2019 18:57

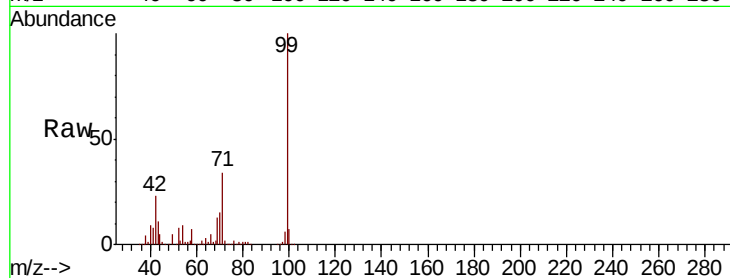
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1374143

Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.9	26.9
71	34.4	26.2	39.2

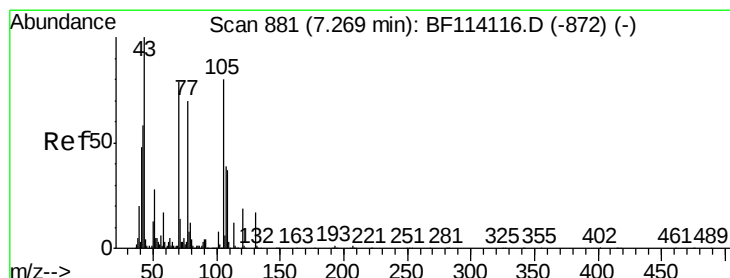
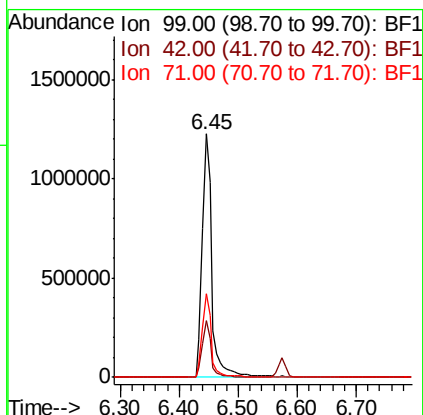
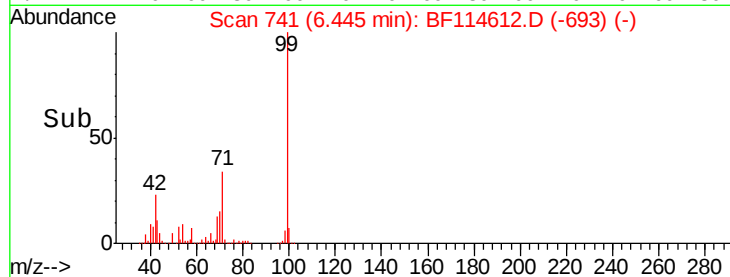


Abundance

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: 14.250 ng

RT: 7.36 min Scan# 897

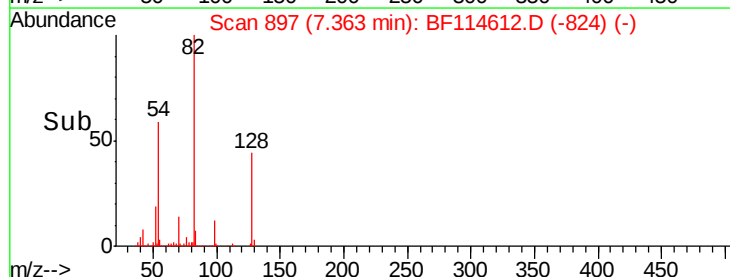
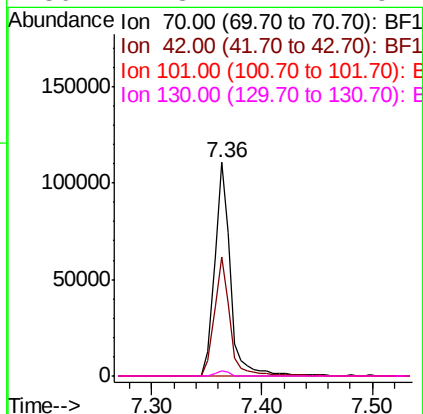
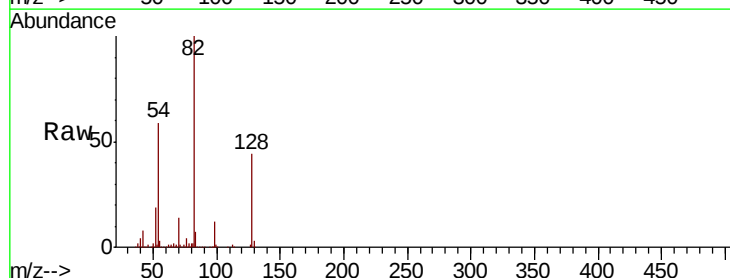
Delta R.T. 0.13 min

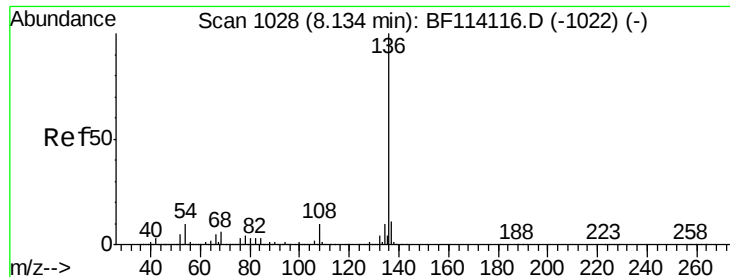
Lab File: BF114612.D

Acq: 25 May 2019 18:57

Tgt Ion: 70 Resp: 107953

Ion	Ratio	Lower	Upper
70	100		
42	55.9	58.6	87.8#
101	0.0	7.8	11.8#
130	2.3	17.1	25.7#

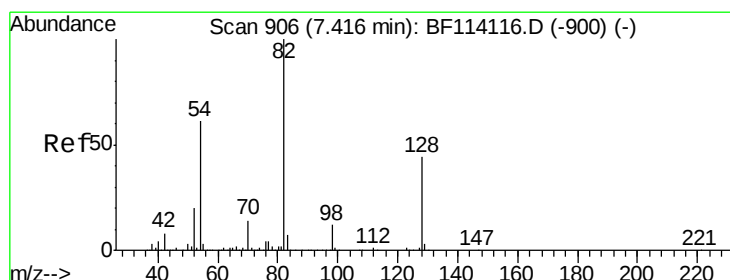
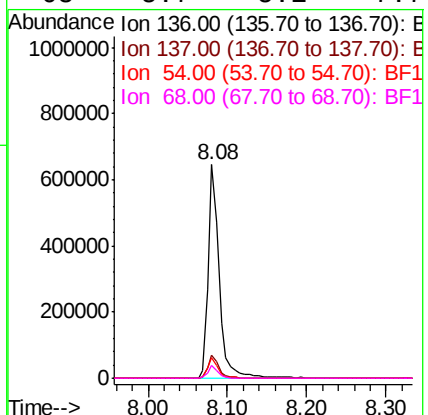
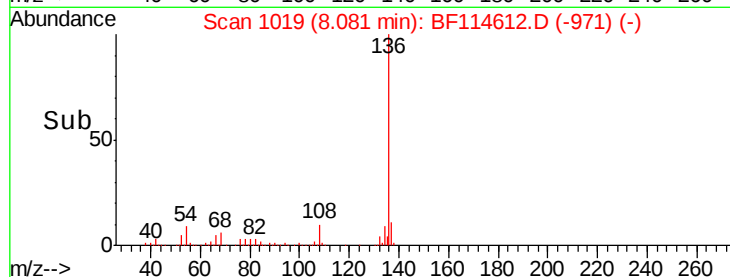
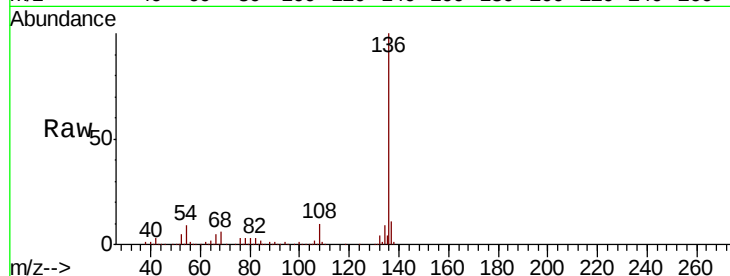




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114612.D
Acq: 25 May 2019 18:57

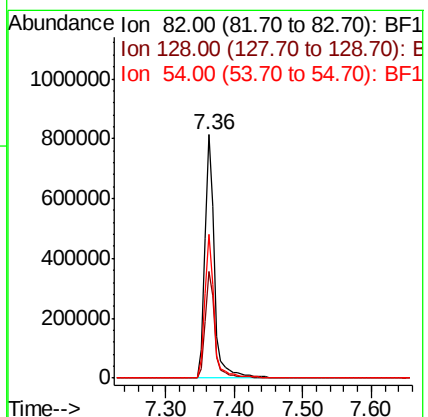
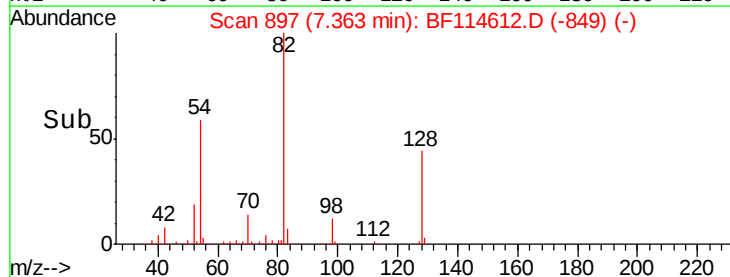
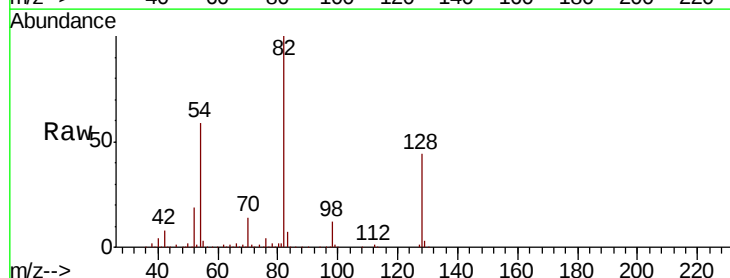
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	631722
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	9.3	7.8 11.8
68	5.7	5.1 7.7



#23
Nitrobenzene-d5
Concen: 73.089 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF114612.D
Acq: 25 May 2019 18:57

Tgt Ion: 82	Resp:	822737
Ion Ratio	Lower	Upper
82	100	
128	43.8	35.5 53.3
54	58.8	48.5 72.7





#25

Isophorone

Concen: 39.412 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.28 min

Lab File: BF114612.D

Acq: 25 May 2019 18:57

Instrument :

BNA_F

ClientSampled :

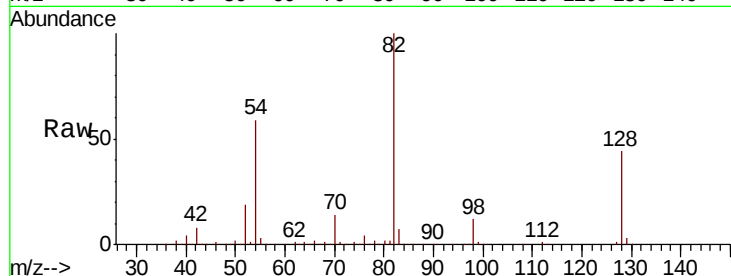
Tot Ion: 82 Resp: 822795

Ion Ratio Lower Upper

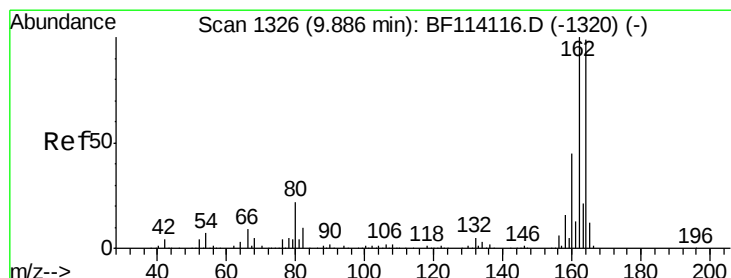
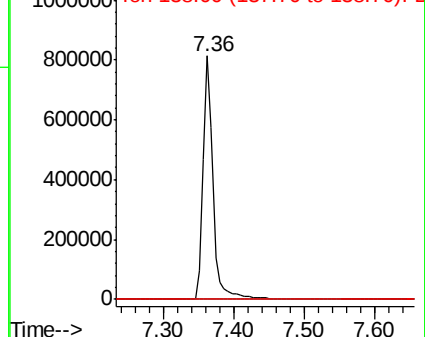
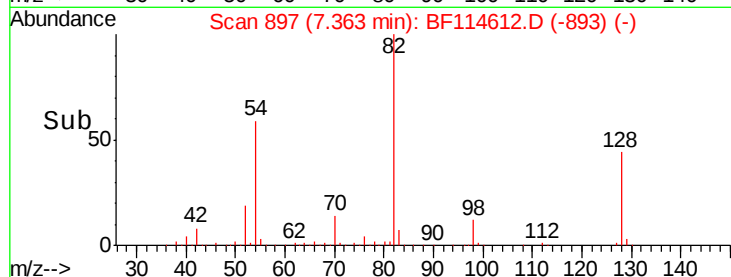
82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



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: BF114612.D

Acq: 25 May 2019 18:57

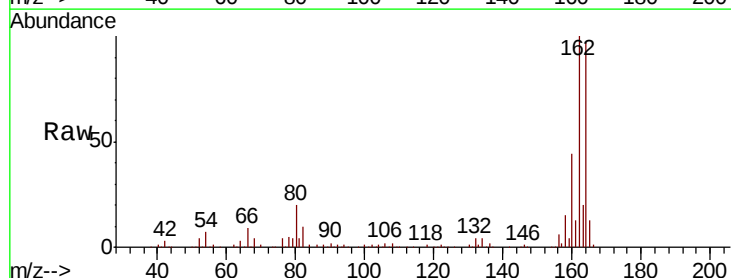
Tgt Ion: 164 Resp: 307566

Ion Ratio Lower Upper

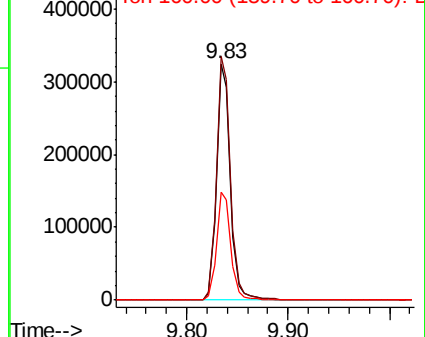
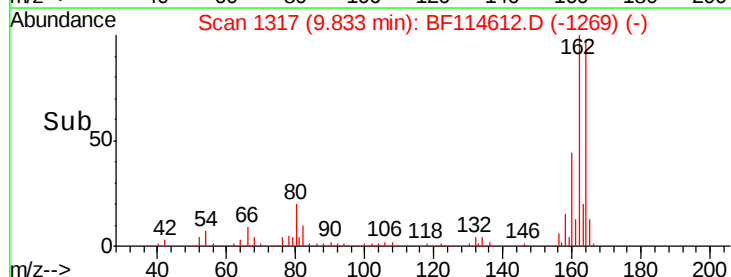
164 100

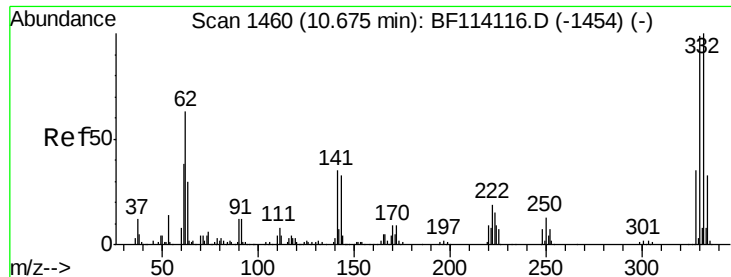
162 103.2 80.6 120.8

160 45.7 36.5 54.7



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: 104.622 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF114612.D

Acq: 25 May 2019 18:57

Instrument :

BNA_F

ClientSampleId :

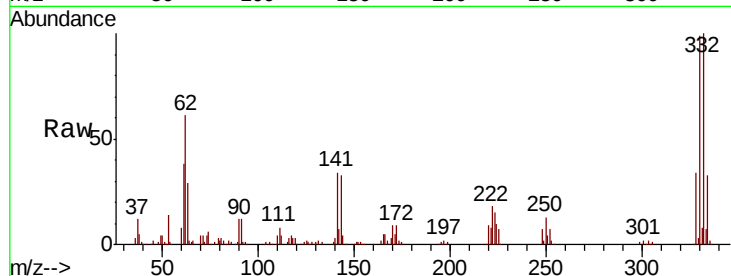
Tot Ion:330 Resp: 332669

Ion Ratio Lower Upper

330 100

332 104.2 81.4 122.2

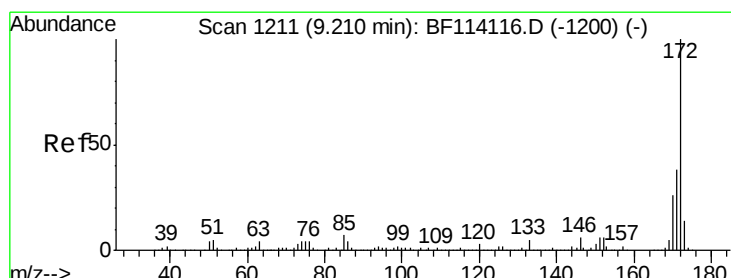
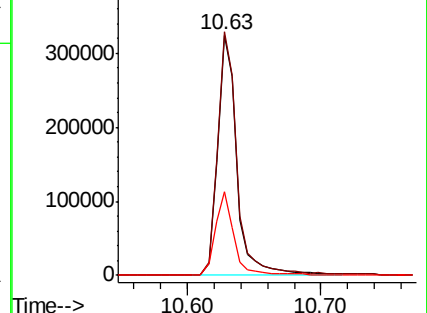
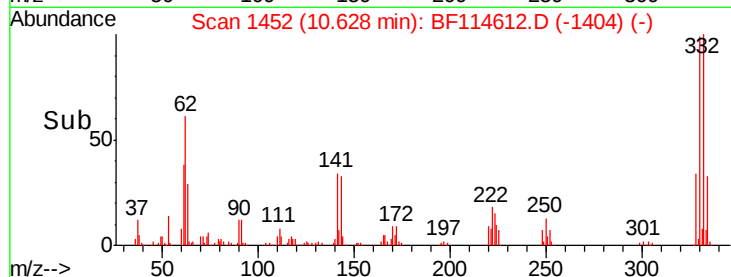
141 34.1 26.6 40.0



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: 76.883 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF114612.D

Acq: 25 May 2019 18:57

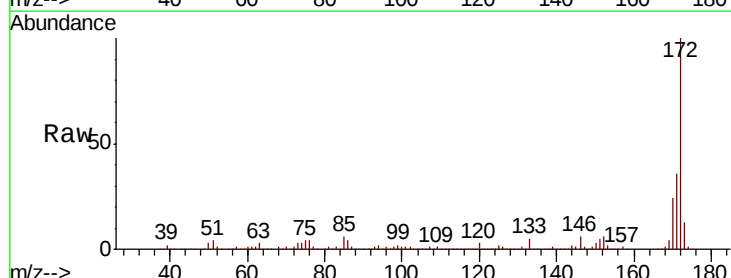
Tgt Ion:172 Resp: 1563245

Ion Ratio Lower Upper

172 100

171 36.0 30.7 46.1

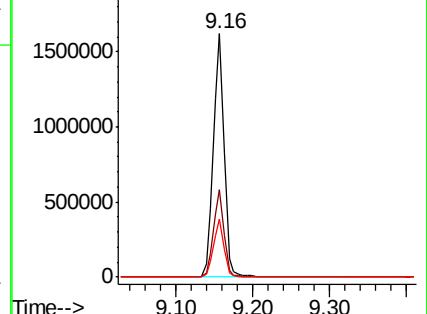
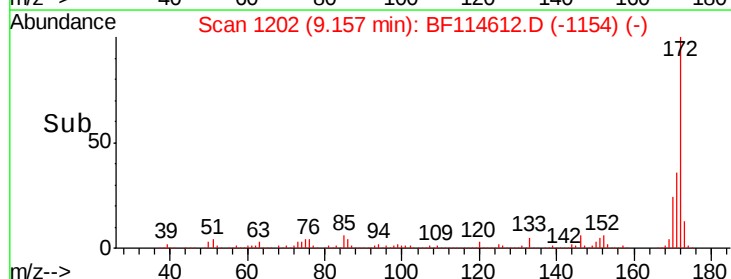
170 23.9 20.5 30.7

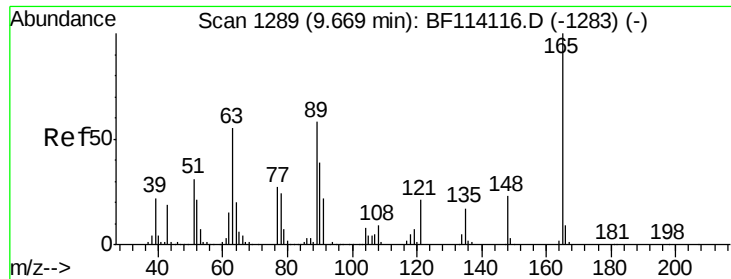


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

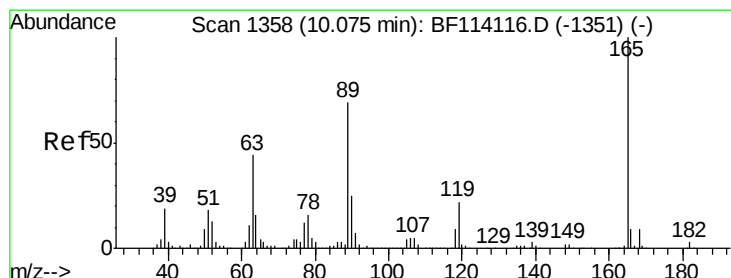
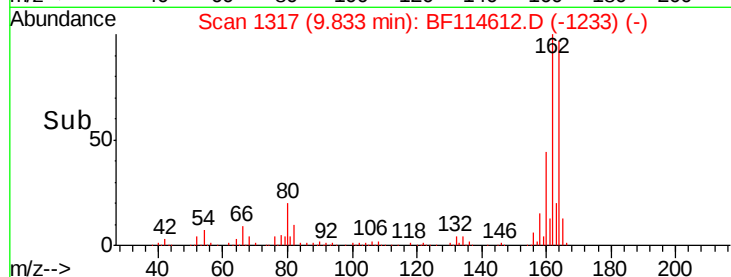
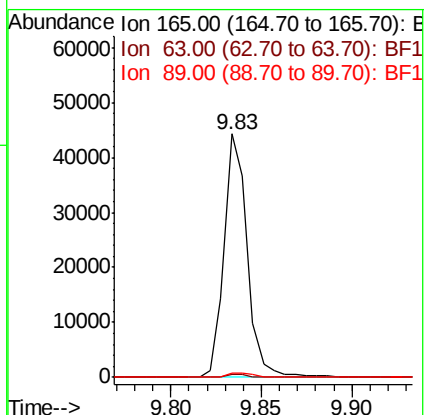
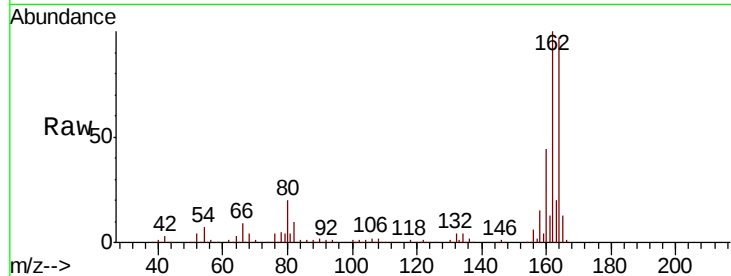




#51
 2,6-Dinitrotoluene
 Concen: 7.911 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF114612.D
 Acq: 25 May 2019 18:57

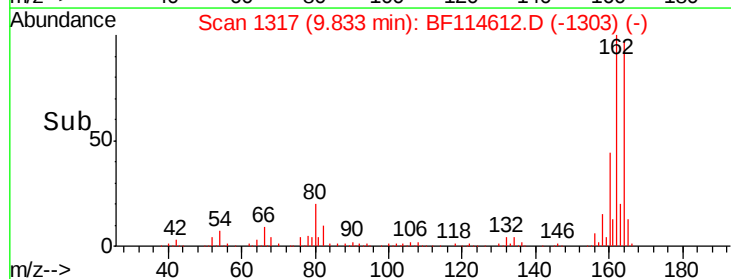
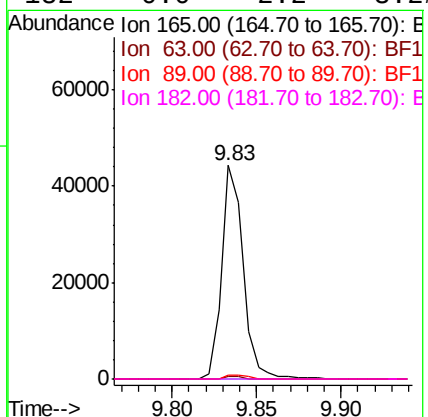
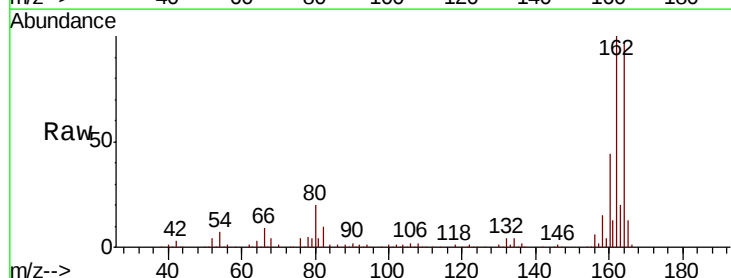
Instrument :
 BNA_F
 ClientSampleId :

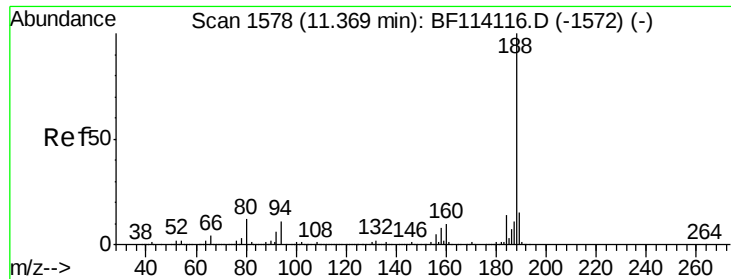
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	50.2	75.4#
89	1.8	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.828 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF114612.D
 Acq: 25 May 2019 18:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.5	53.3#
89	1.8	55.2	82.8#
182	0.0	2.2	3.2#

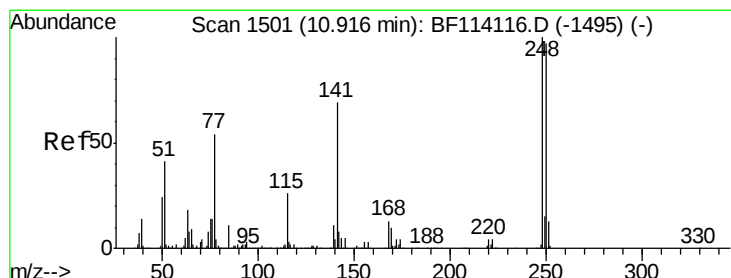
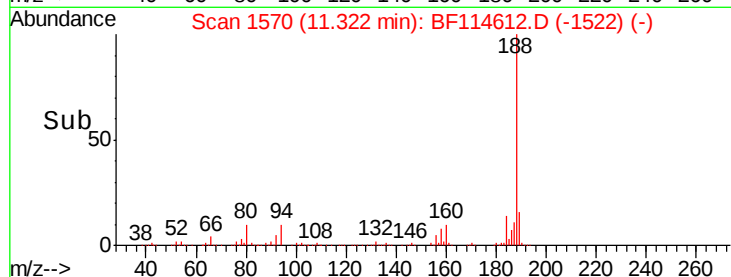
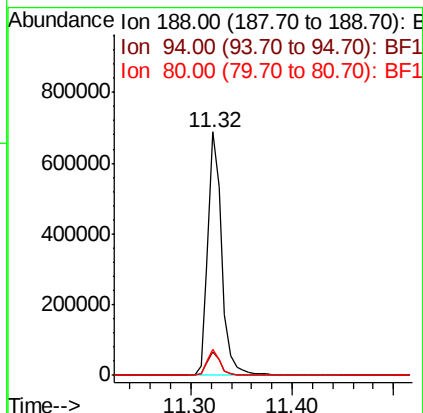
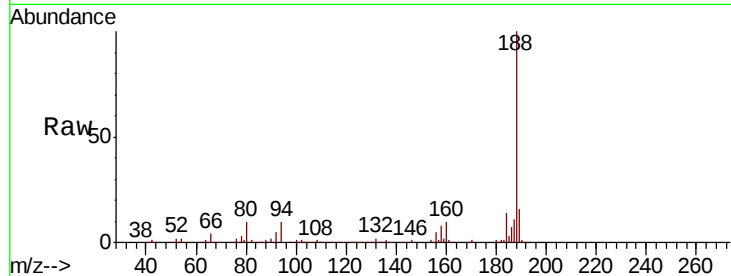




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF114612.D
 Acq: 25 May 2019 18:57

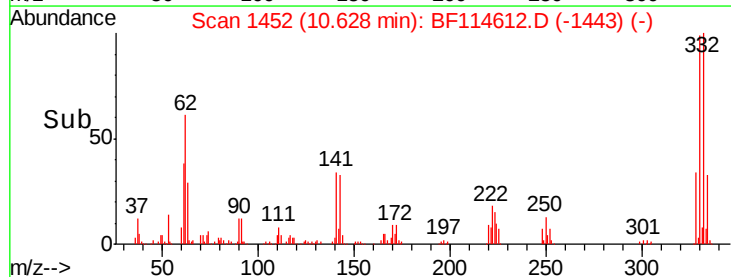
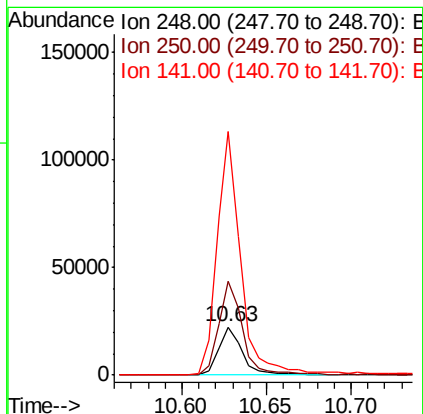
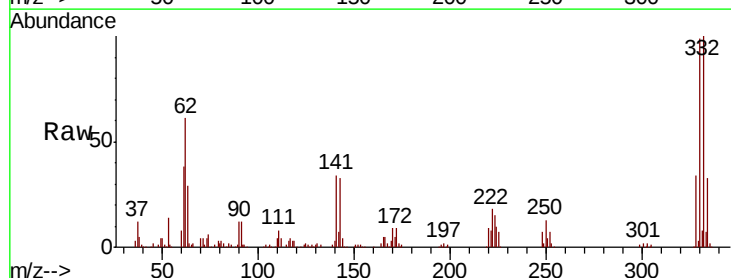
Instrument :
 BNA_F
 ClientSampleId :

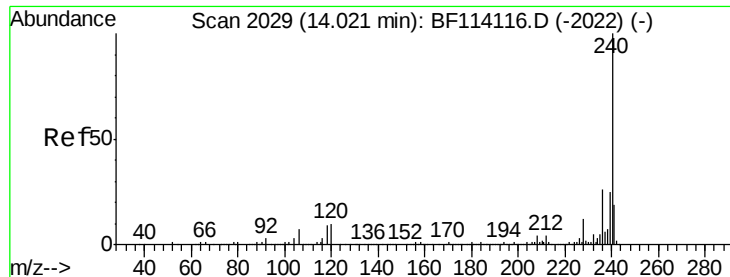
Tot Ion:188 Resp: 652636
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.4 12.6
 80 10.4 9.2 13.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.048 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF114612.D
 Acq: 25 May 2019 18:57

Tgt Ion:248 Resp: 21904
 Ion Ratio Lower Upper
 248 100
 250 195.9 77.4 116.2#
 141 509.8 55.6 83.4#

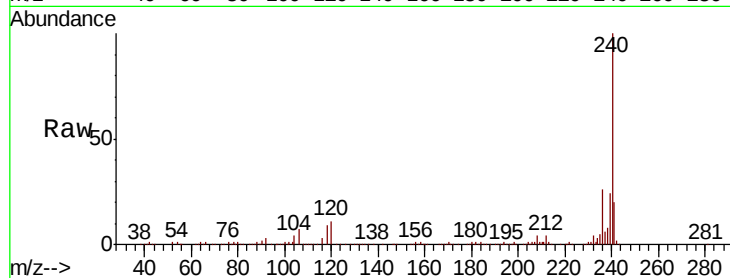




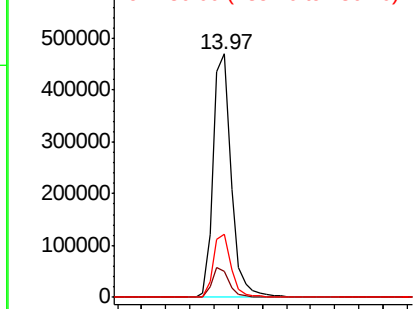
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114612.D
 Acq: 25 May 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :

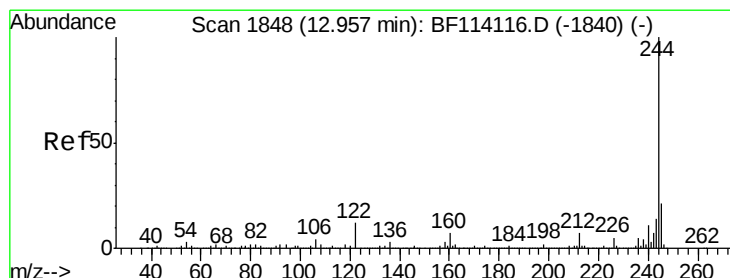
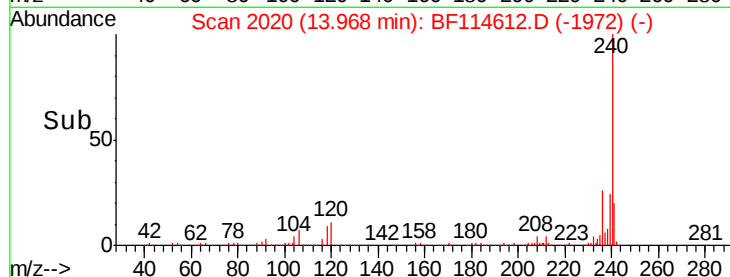
Tot Ion:240 Resp: 481304
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.3 12.5
 236 26.2 20.8 31.2



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

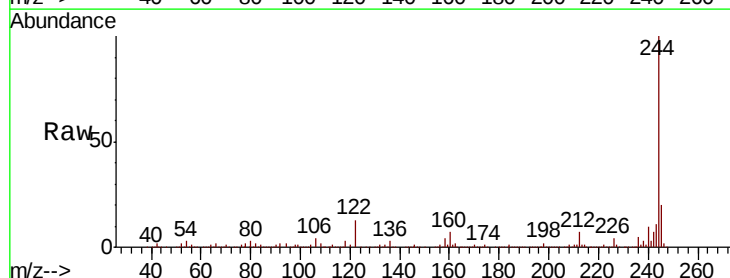


Time--> 13.90 14.00 14.10

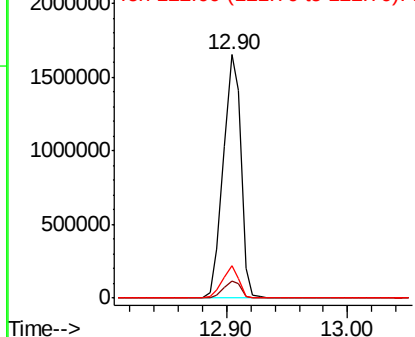


#79
 Terphenyl-d14
 Concen: 71.214 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF114612.D
 Acq: 25 May 2019 18:57

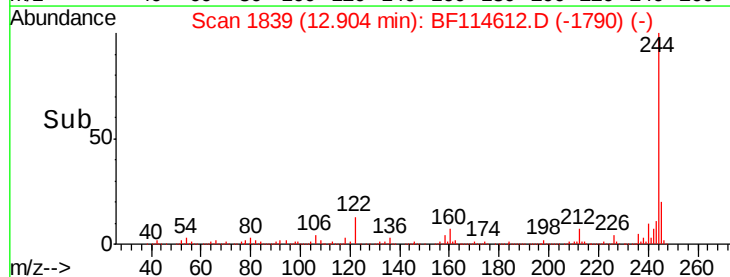
Tgt Ion:244 Resp: 1662719
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 13.1 9.4 14.2

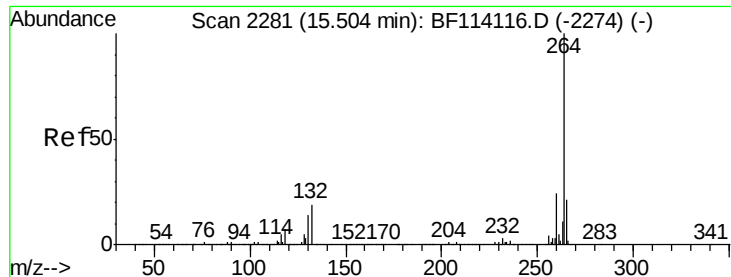


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Time--> 12.90 13.00





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.03 min
Lab File: BF114612.D
Acq: 25 May 2019 18:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	21.1	16.9	25.3

