

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114609.D
 Acq On : 25 May 2019 17:38
 Operator : JU/SJ
 Sample : PB119859BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 23:44:26 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

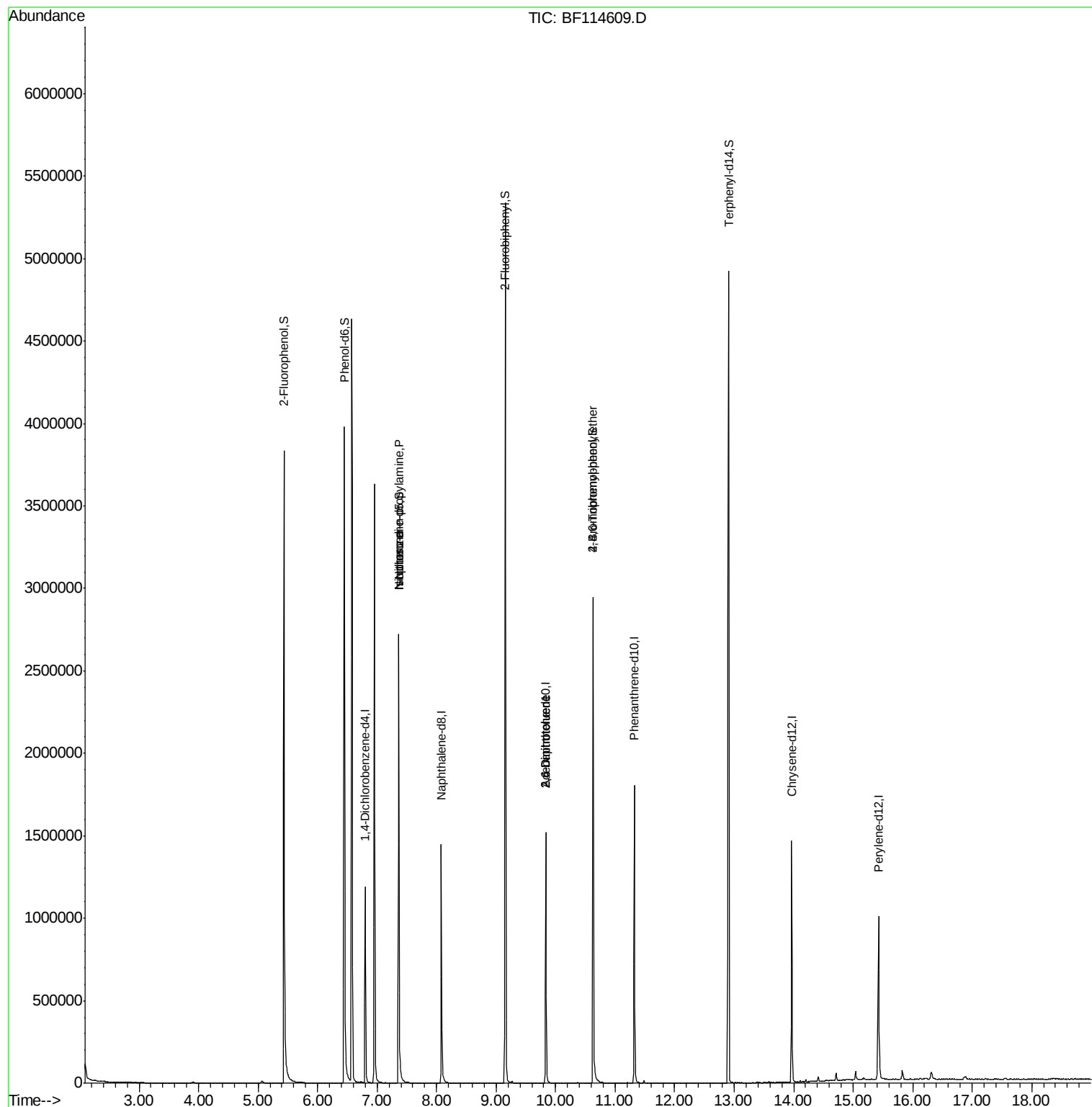
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	178216	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	693584	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	338302	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	701370	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	511894	20.00	ng	-0.02
87) Perylene-d12	15.43	264	506305	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1180782	106.62	ng	-0.01
7) Phenol-d6	6.45	99	1574115	120.18	ng	-0.01
23) Nitrobenzene-d5	7.36	82	948620	76.76	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	392825	112.32	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1759718	78.68	ng	-0.02
79) Terphenyl-d14	12.91	244	1841256	74.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	124424	14.987	ng	# 75
25) Isophorone	7.36	82	948614	41.386	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	42461	7.709	ng	# 22
57) 2,4-Dinitrotoluene	9.83	165	42461	5.679	ng	# 25
67) 4-Bromophenyl-phenylether	10.63	248	25745	3.334	ng	# 1

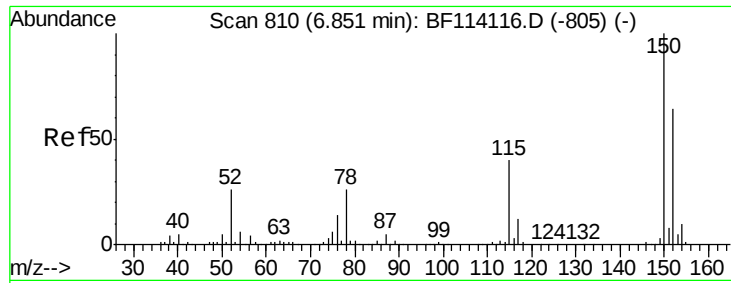
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: May 26 23:44:26 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



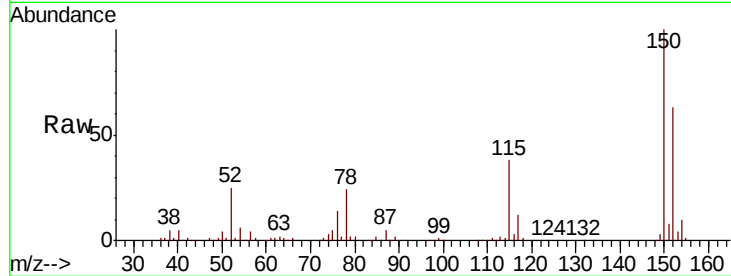


#1

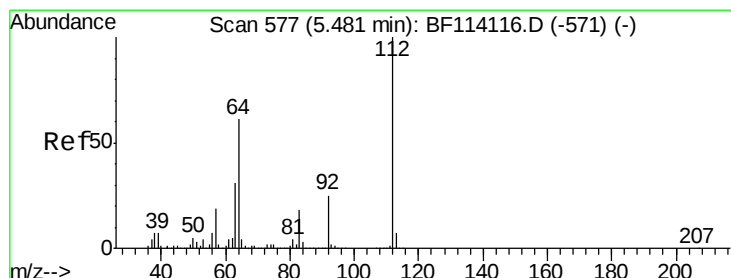
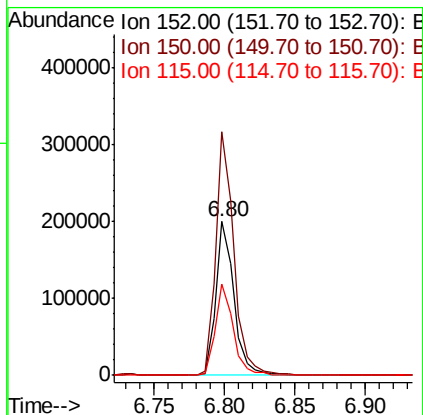
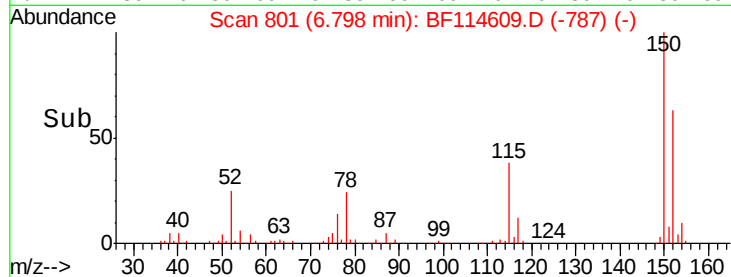
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114609.D
Acq: 25 May 2019 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 178216
Ion Ratio Lower Upper
152 100
150 158.7 124.3 186.5
115 59.8 49.1 73.7



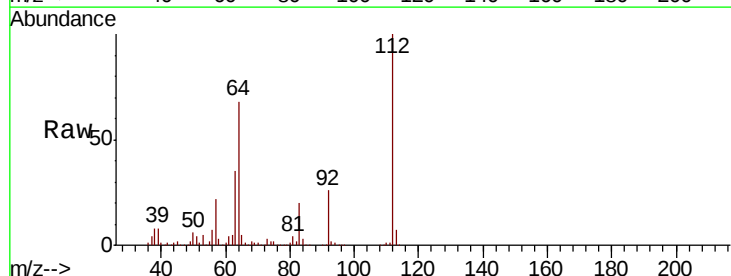
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



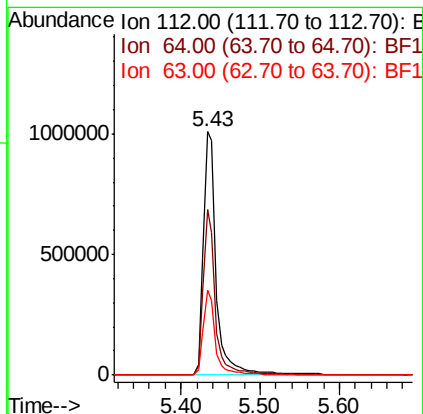
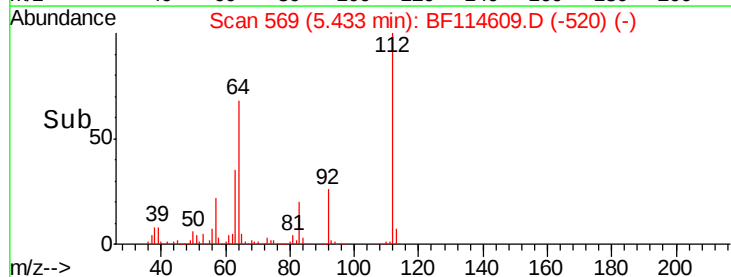
#5

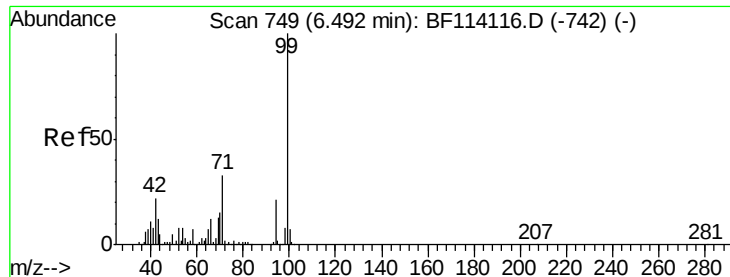
2-Fluorophenol
Concen: 106.623 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF114609.D
Acq: 25 May 2019 17:38

Tgt Ion:112 Resp: 1180782
Ion Ratio Lower Upper
112 100
64 68.1 49.0 73.6
63 34.8 24.6 37.0



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: 120.179 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114609.D

Acq: 25 May 2019 17:38

Instrument :

BNA_F

ClientSampleId :

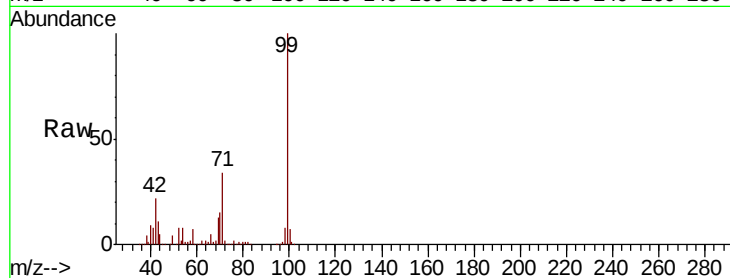
Tot Ion: 99 Resp: 1574115

Ion Ratio Lower Upper

99 100

42 21.5 17.9 26.9

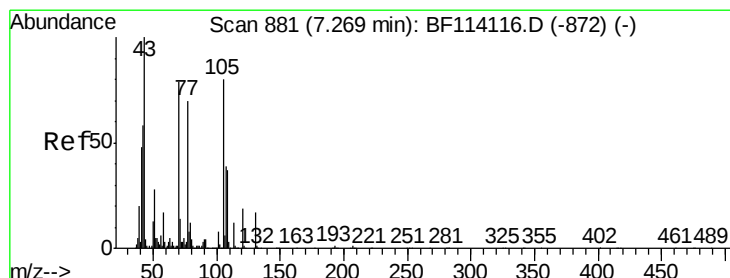
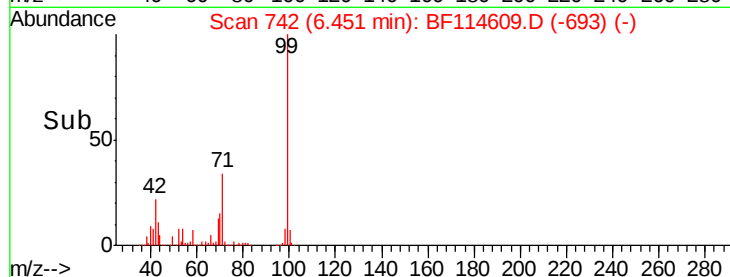
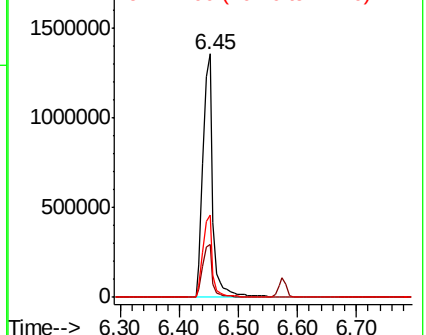
71 33.7 26.2 39.2



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: 14.987 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.13 min

Lab File: BF114609.D

Acq: 25 May 2019 17:38

Tgt Ion: 70 Resp: 124424

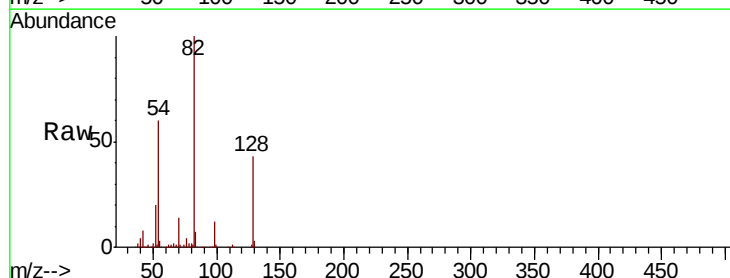
Ion Ratio Lower Upper

70 100

42 56.9 58.6 87.8#

101 0.0 7.8 11.8#

130 2.0 17.1 25.7#

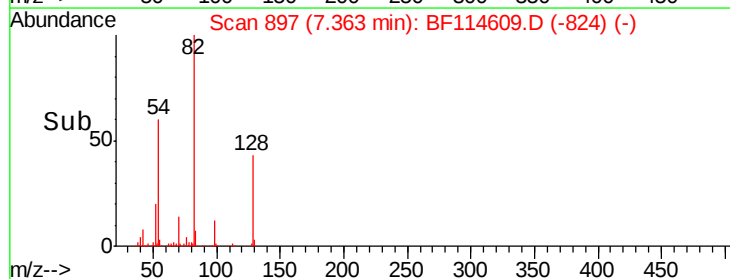
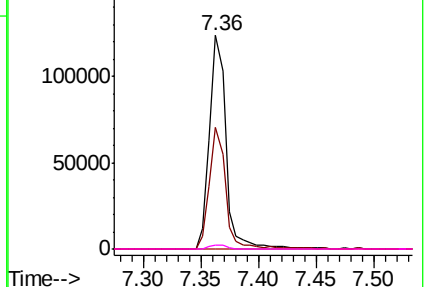


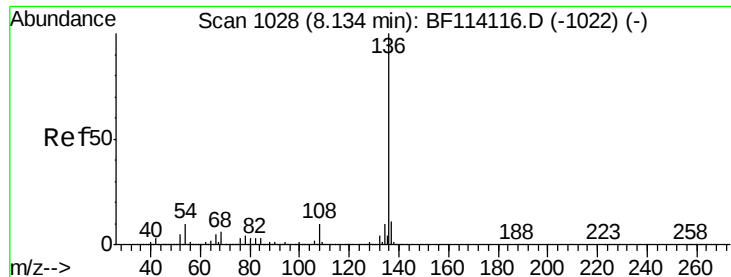
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

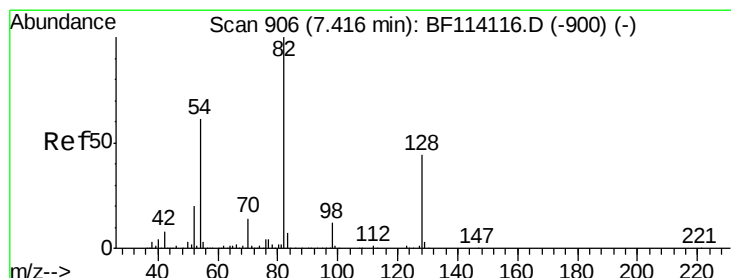
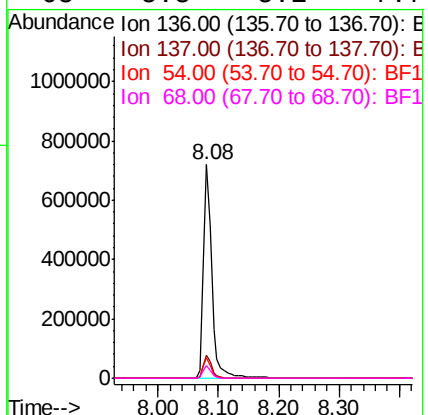
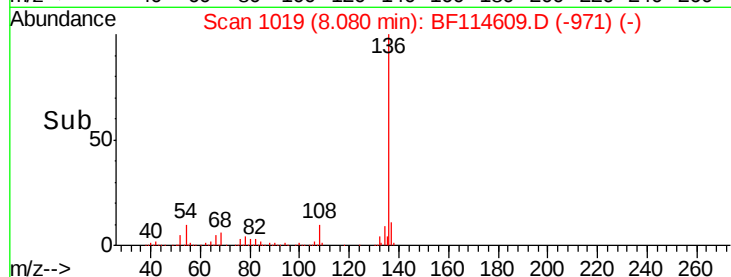
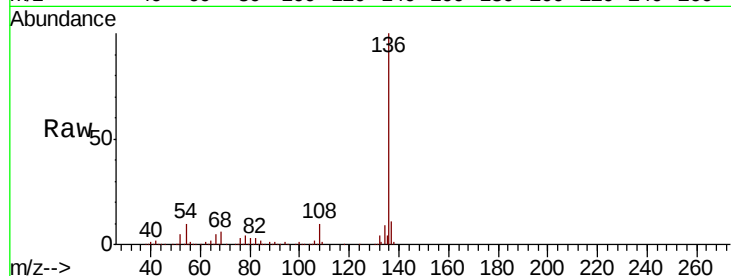




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114609.D
Acq: 25 May 2019 17:38

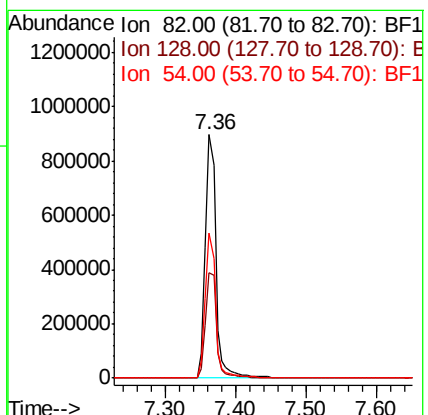
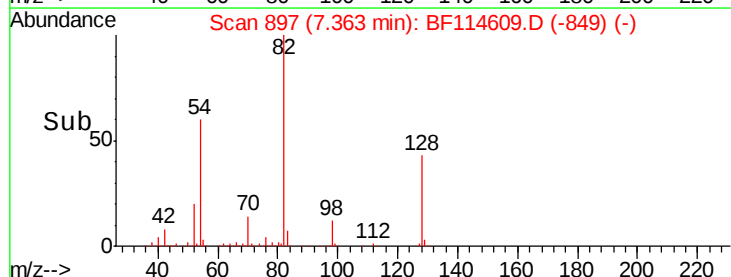
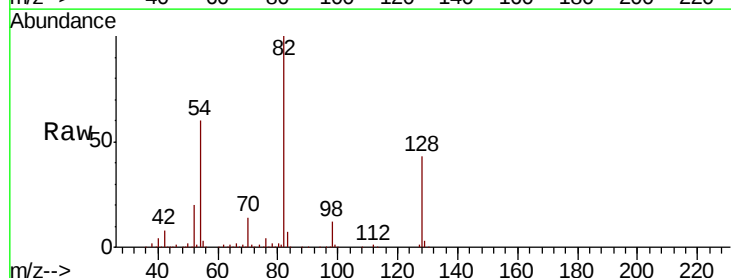
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	693584
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	9.5	7.8 11.8
68	5.8	5.1 7.7



#23
Nitrobenzene-d5
Concen: 76.756 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF114609.D
Acq: 25 May 2019 17:38

Tgt Ion: 82	Resp:	948620
Ion Ratio	Lower	Upper
82	100	
128	43.3	35.5 53.3
54	59.7	48.5 72.7





#25

Isophorone

Concen: 41.386 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.28 min

Lab File: BF114609.D

Acq: 25 May 2019 17:38

Instrument :

BNA_F

ClientSampled :

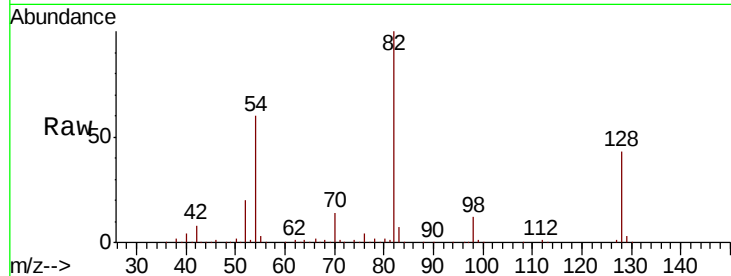
Tot Ion: 82 Resp: 948614

Ion Ratio Lower Upper

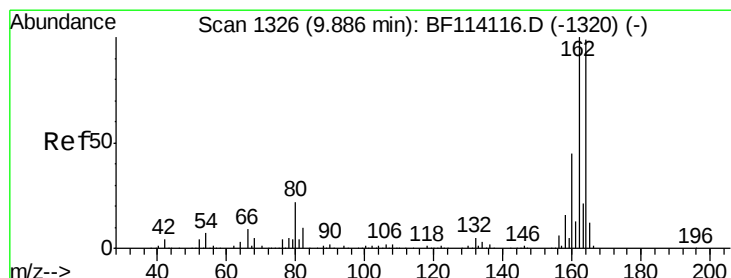
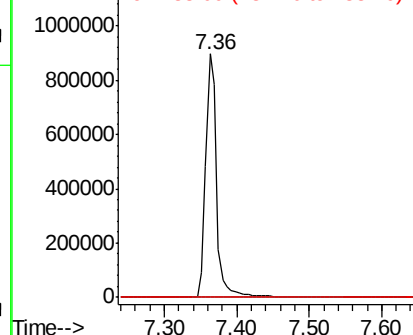
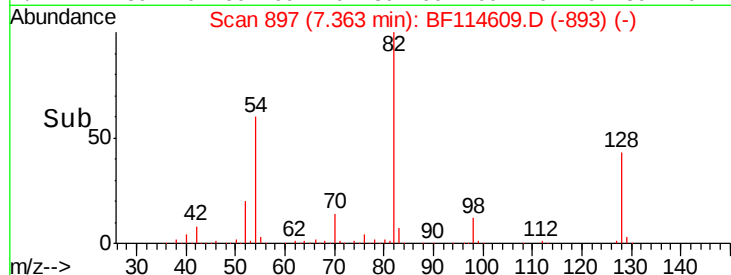
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF114609.D

Acq: 25 May 2019 17:38

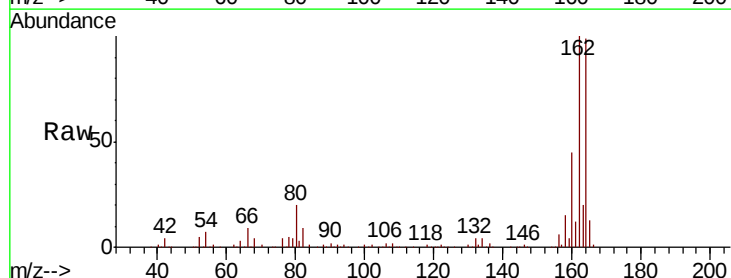
Tgt Ion: 164 Resp: 338302

Ion Ratio Lower Upper

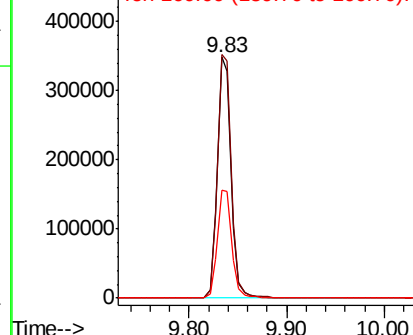
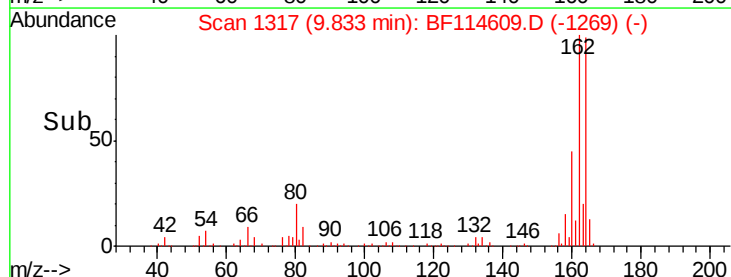
164 100

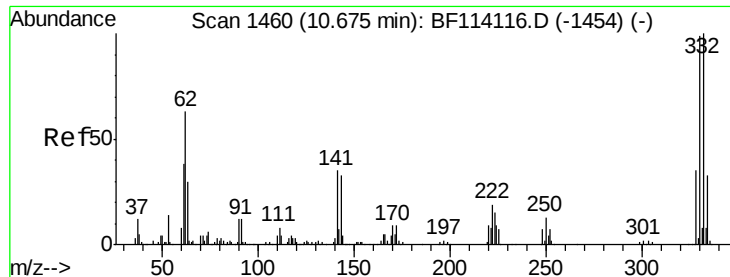
162 101.3 80.6 120.8

160 45.1 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

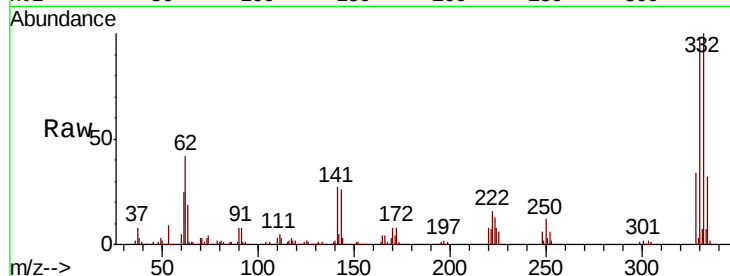




#42
 2,4,6-Tribromophenol
 Concen: 112.317 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF114609.D
 Acq: 25 May 2019 17:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.1	81.4	122.2
141	33.8	26.6	40.0

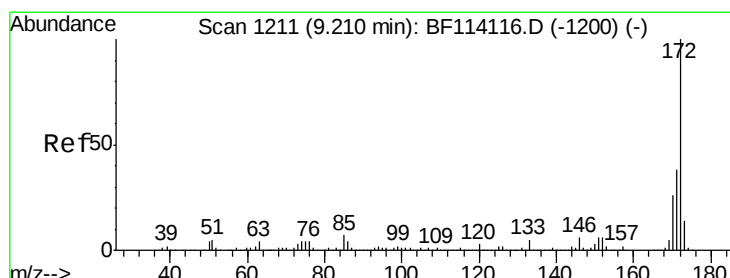
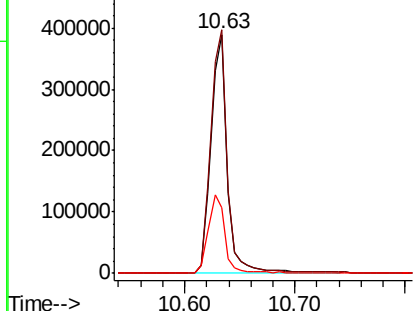
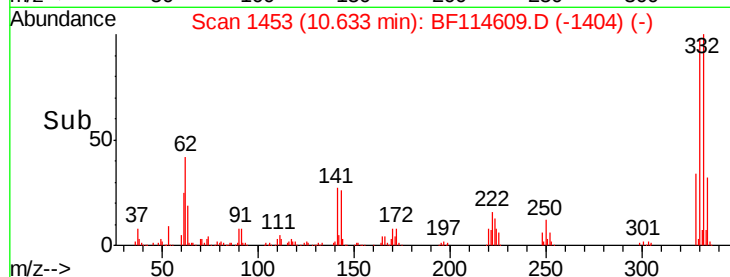


Abundance

Ion 329.80 (329.50 to 330.50): E

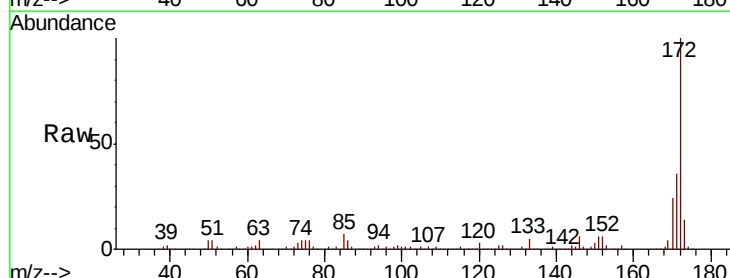
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 78.683 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF114609.D
 Acq: 25 May 2019 17:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	24.4	20.5	30.7

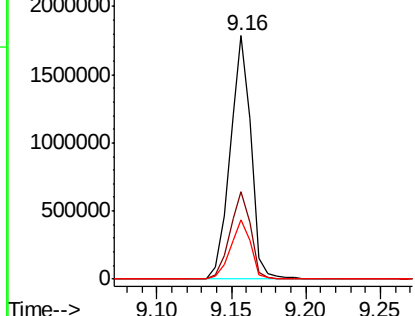
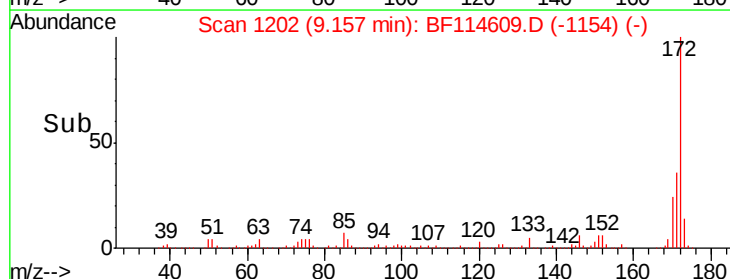


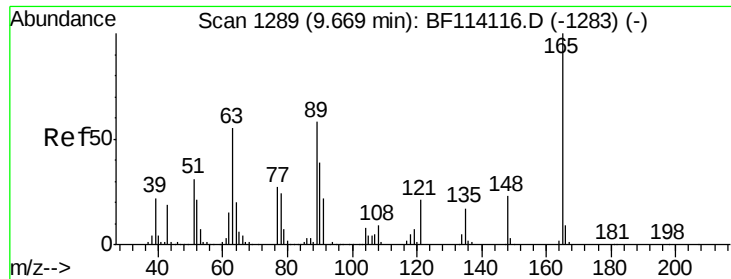
Abundance

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

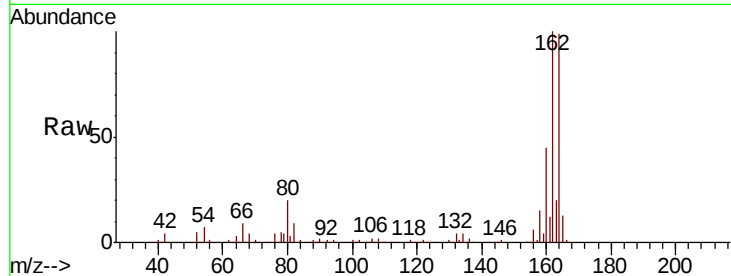




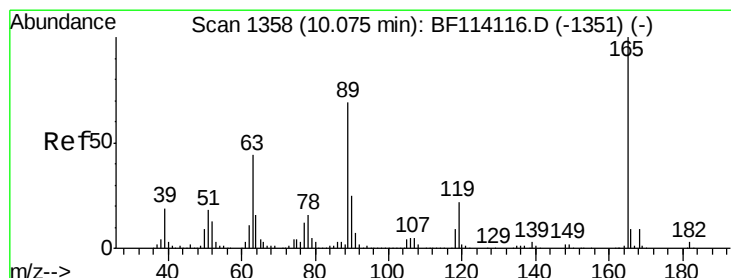
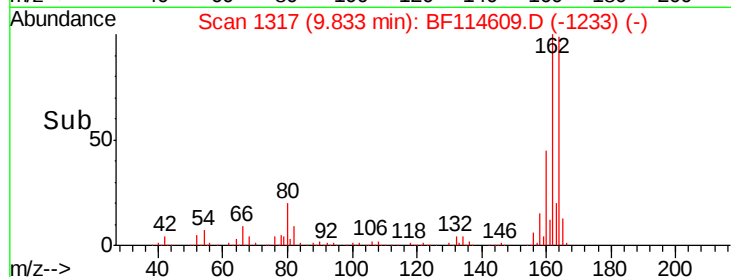
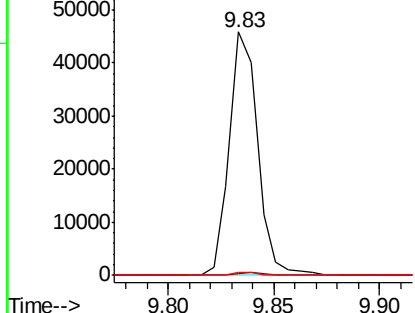
#51
 2,6-Dinitrotoluene
 Concen: 7.709 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF114609.D
 Acq: 25 May 2019 17:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	50.2	75.4#
89	1.3	46.6	69.8#

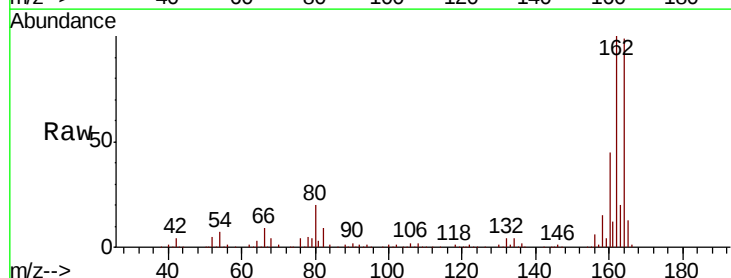


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

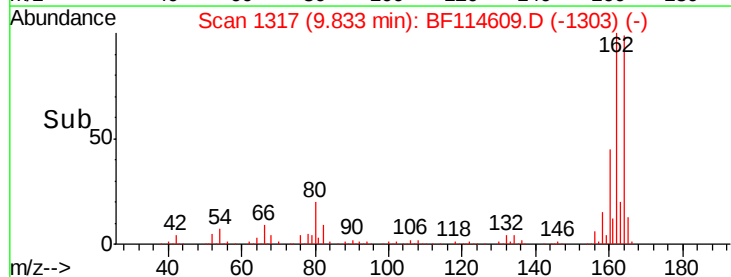
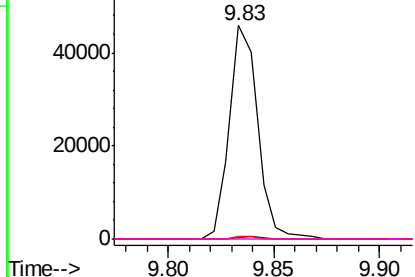


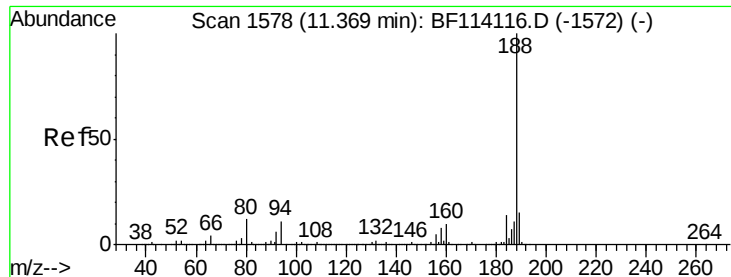
#57
 2,4-Dinitrotoluene
 Concen: 5.679 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF114609.D
 Acq: 25 May 2019 17:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	35.5	53.3#
89	1.3	55.2	82.8#
182	0.0	2.2	3.2#



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

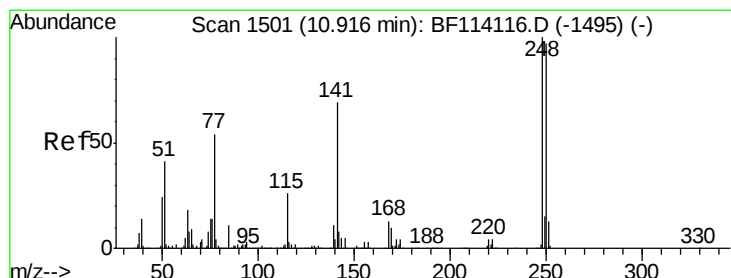
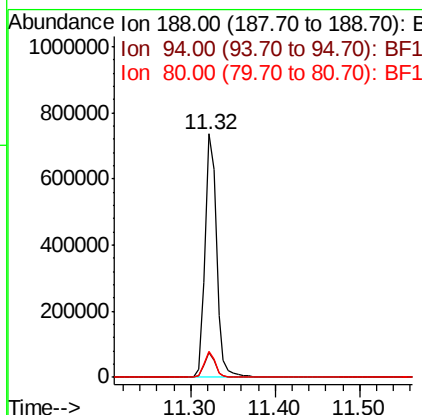
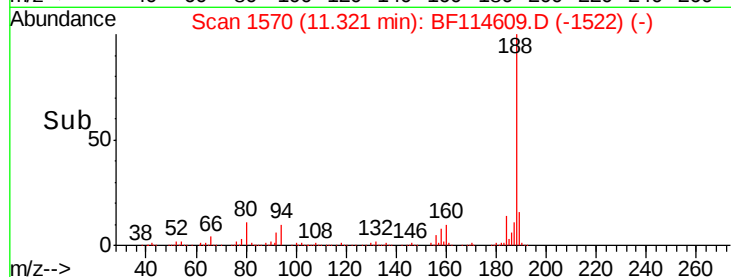
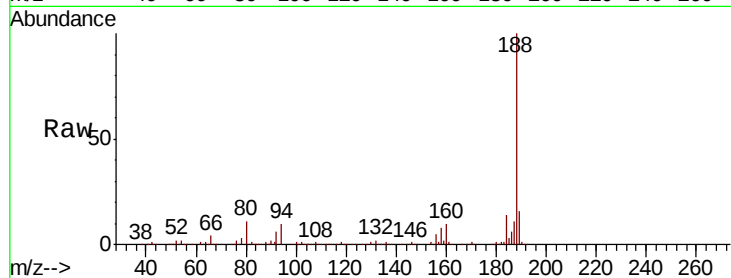




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF114609.D
 Acq: 25 May 2019 17:38

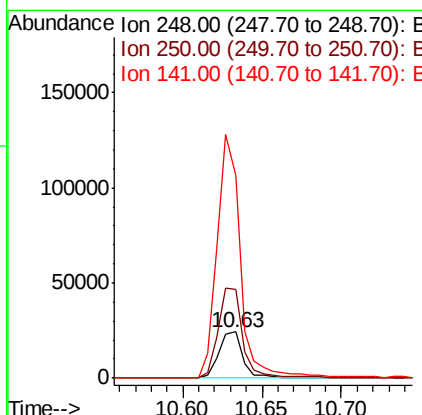
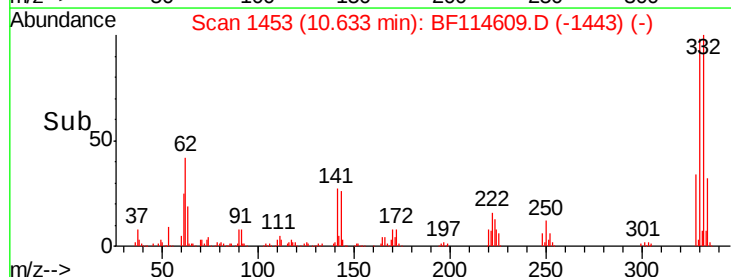
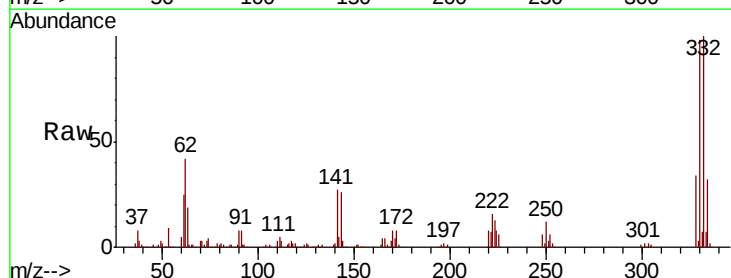
Instrument :
 BNA_F
 ClientSampled :

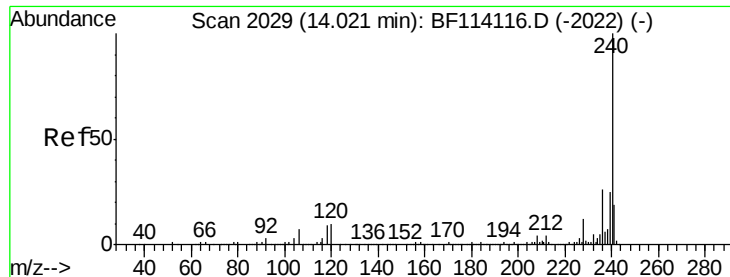
Tot Ion:188 Resp: 701370
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.4 12.6
 80 10.7 9.2 13.8



#67
 4-Bromophenyl-phenylether
 Concen: 3.334 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF114609.D
 Acq: 25 May 2019 17:38

Tgt Ion:248 Resp: 25745
 Ion Ratio Lower Upper
 248 100
 250 194.8 77.4 116.2#
 141 440.8 55.6 83.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF114609.D

Acq: 25 May 2019 17:38

Instrument :

BNA_F

ClientSampleId :

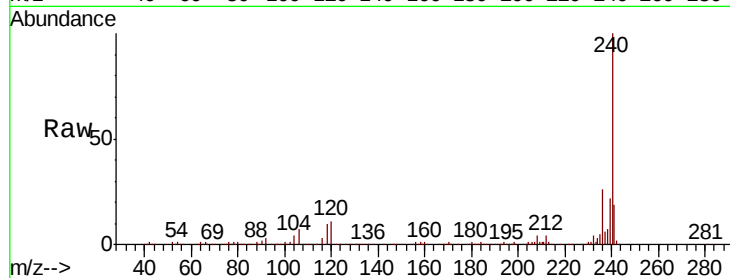
Tot Ion:240 Resp: 511894

Ion Ratio Lower Upper

240 100

120 11.0 8.3 12.5

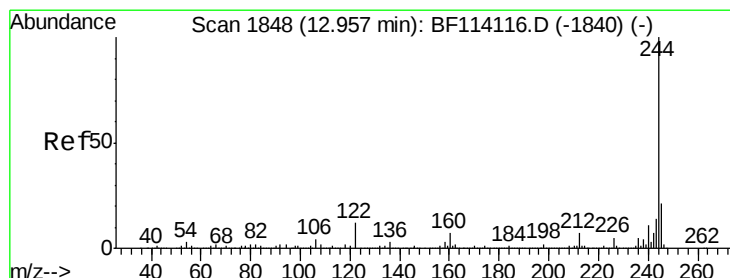
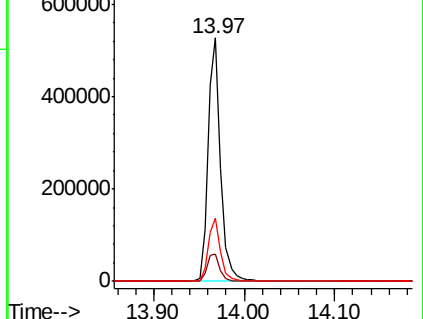
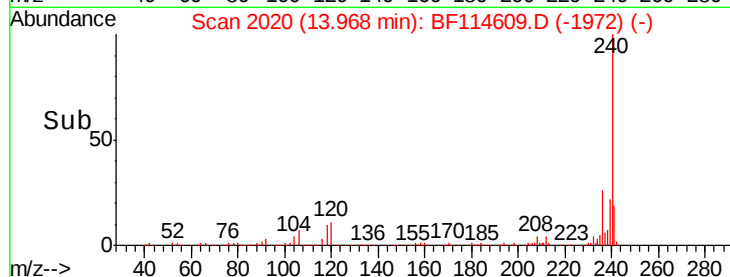
236 25.8 20.8 31.2



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



#79

Terphenyl-d14

Concen: 74.149 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF114609.D

Acq: 25 May 2019 17:38

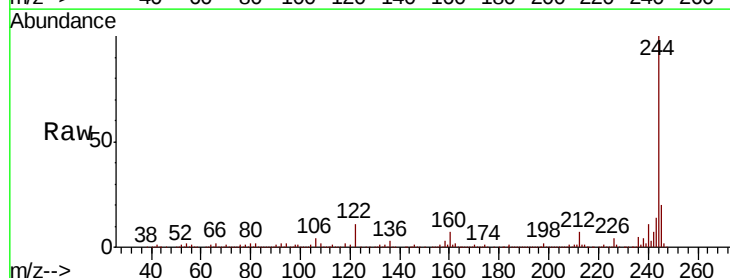
Tgt Ion:244 Resp: 1841256

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

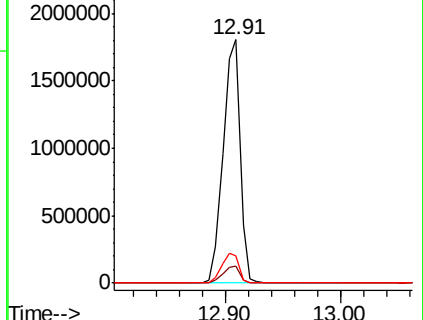
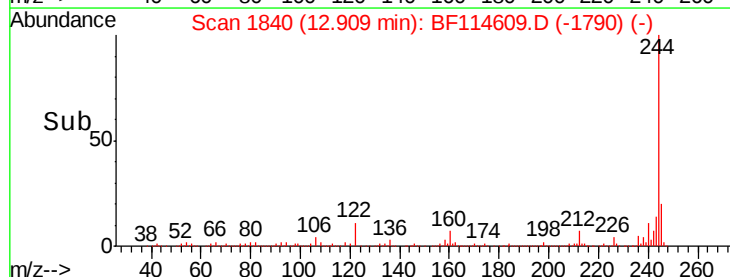
122 11.2 9.4 14.2

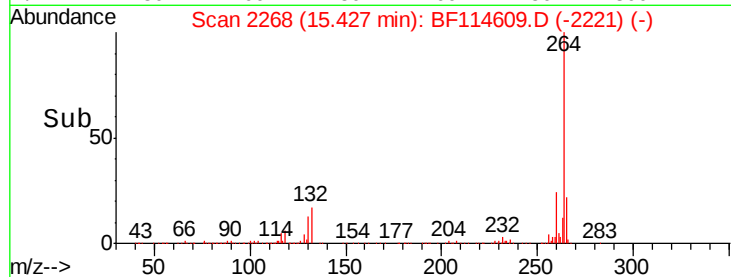
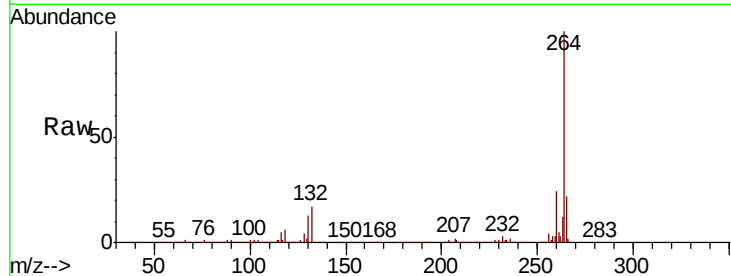
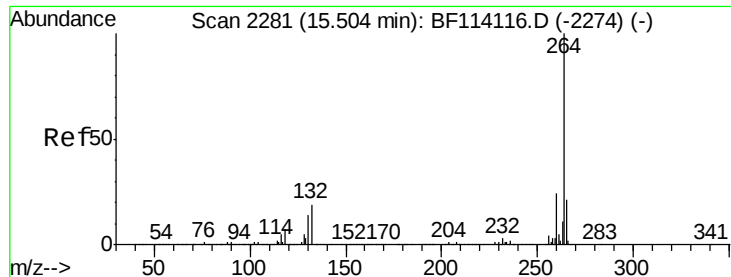


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114609.D
Acq: 25 May 2019 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	22.4	16.9	25.3

