

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114614.D
 Acq On : 25 May 2019 19:50
 Operator : JU/SJ
 Sample : PB119919BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 23:46:37 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

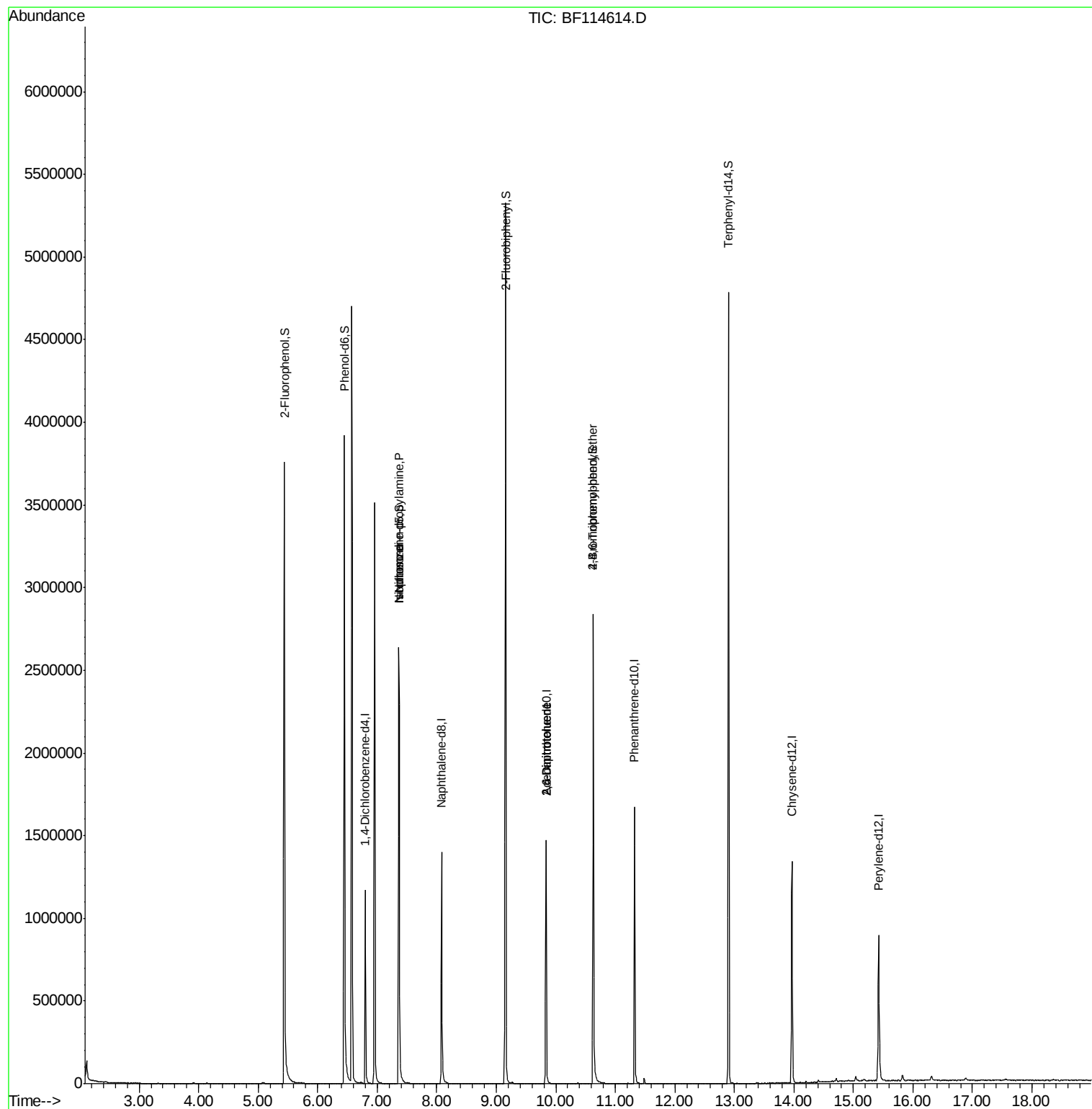
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	180225	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	698994	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	329546	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	667100	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	477558	20.00	ng	-0.02
87) Perylene-d12	15.42	264	459598	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1191413	106.38	ng	0.00
7) Phenol-d6	6.45	99	1551913	117.16	ng	-0.01
23) Nitrobenzene-d5	7.36	82	936888	75.22	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	368491	108.16	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1727520	79.30	ng	-0.02
79) Terphenyl-d14	12.90	244	1686380	72.79	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	125143	14.906	ng	# 75
25) Isophorone	7.36	82	936880	40.558	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	41076	7.655	ng	# 22
57) 2,4-Dinitrotoluene	9.83	165	41076	5.640	ng	# 25
67) 4-Bromophenyl-phenylether	10.63	248	23476	3.196	ng	# 1

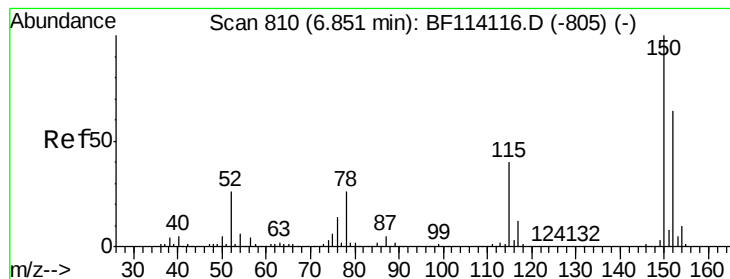
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 26 23:46:37 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

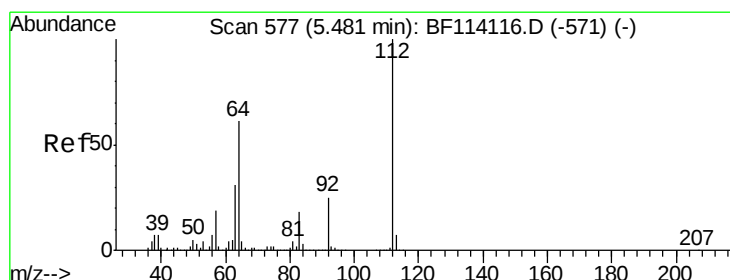
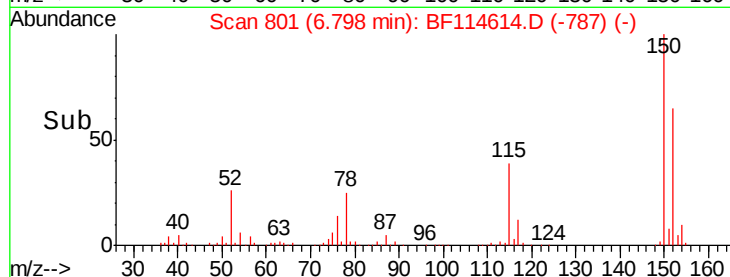
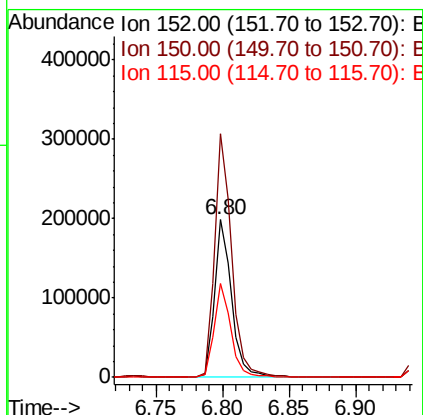
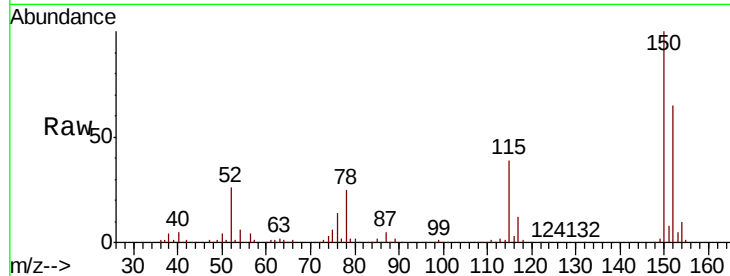




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF114614.D
 Acq: 25 May 2019 19:50

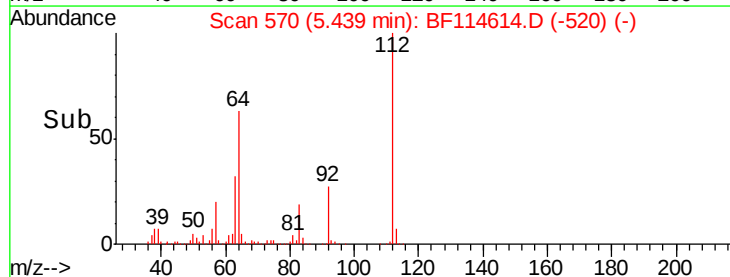
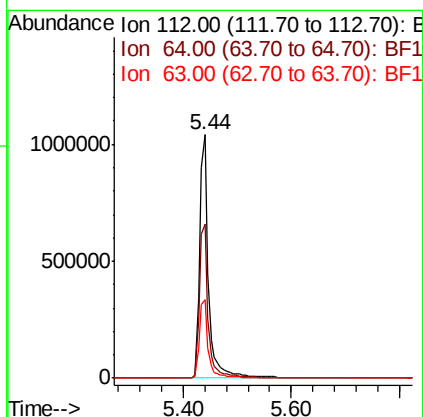
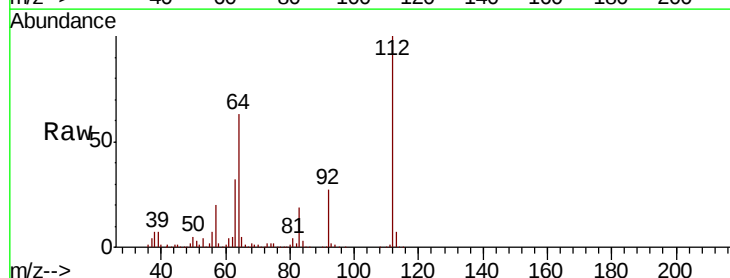
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 180225
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.3 186.5
 115 59.8 49.1 73.7



#5
 2-Fluorophenol
 Concen: 106.383 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF114614.D
 Acq: 25 May 2019 19:50

Tgt Ion:112 Resp: 1191413
 Ion Ratio Lower Upper
 112 100
 64 63.4 49.0 73.6
 63 32.0 24.6 37.0





#7

Phenol-d6

Concen: 117.164 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114614.D

Acq: 25 May 2019 19:50

Instrument :

BNA_F

ClientSampleId :

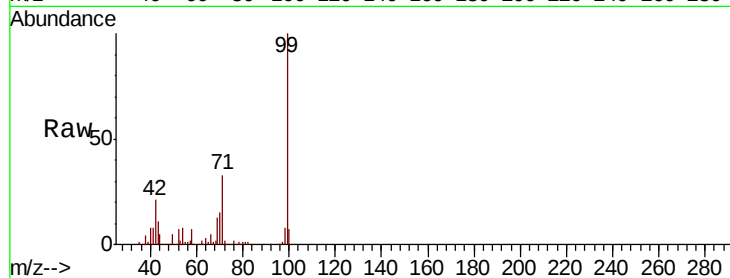
Tot Ion: 99 Resp: 1551913

Ion Ratio Lower Upper

99 100

42 21.4 17.9 26.9

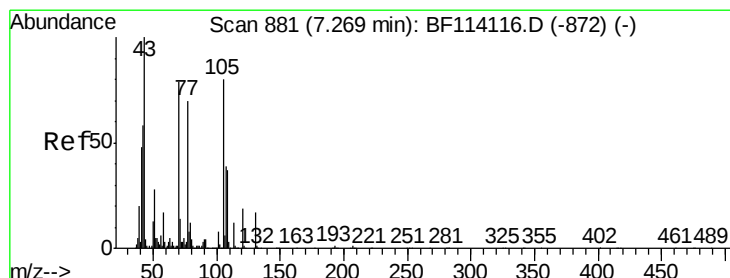
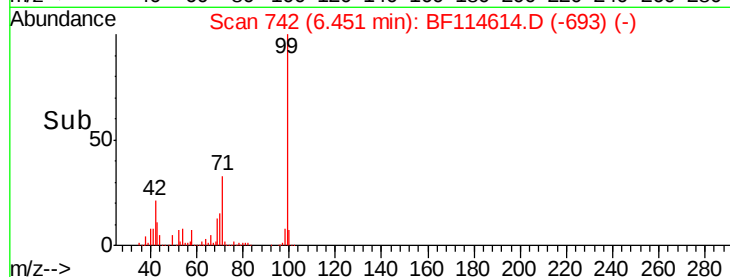
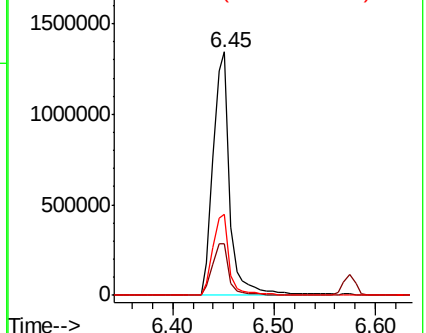
71 33.2 26.2 39.2



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: 14.906 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.13 min

Lab File: BF114614.D

Acq: 25 May 2019 19:50

Tgt Ion: 70 Resp: 125143

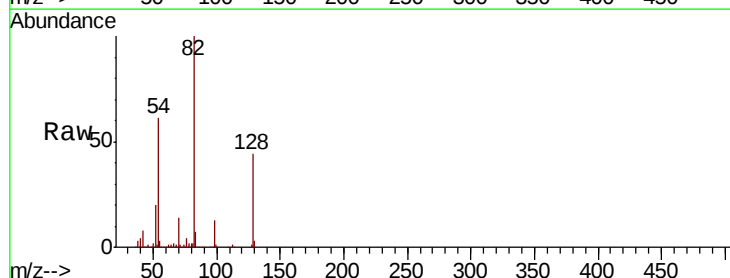
Ion Ratio Lower Upper

70 100

42 56.1 58.6 87.8#

101 0.0 7.8 11.8#

130 1.9 17.1 25.7#

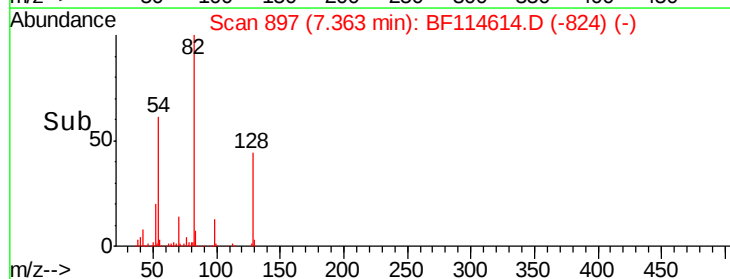
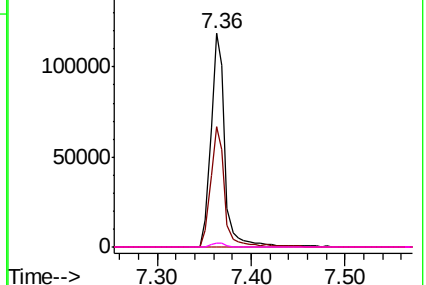


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

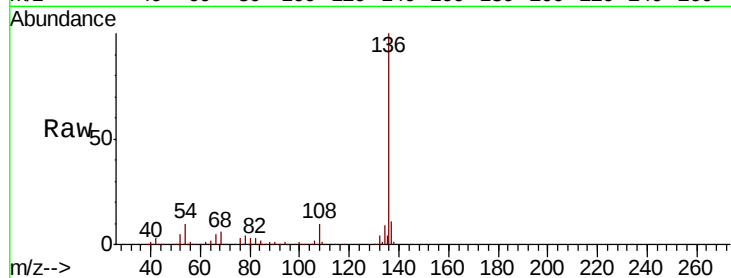




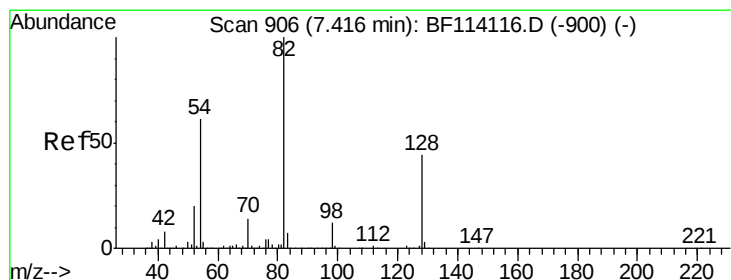
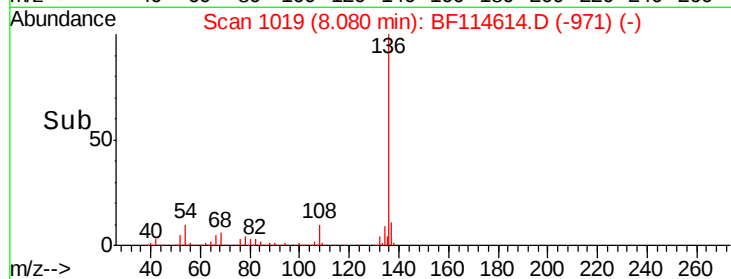
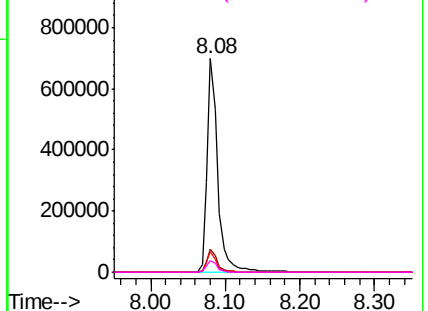
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114614.D
Acq: 25 May 2019 19:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	698994	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 9.8	7.8	11.8	
68 5.6	5.1	7.7	

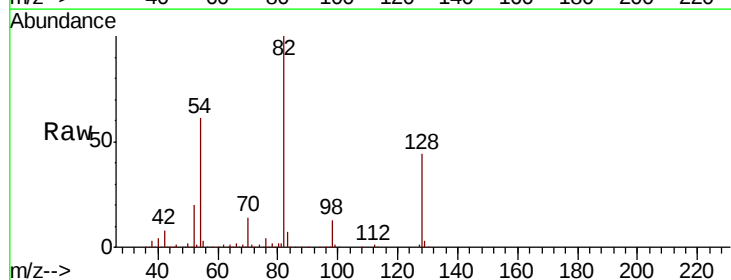


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

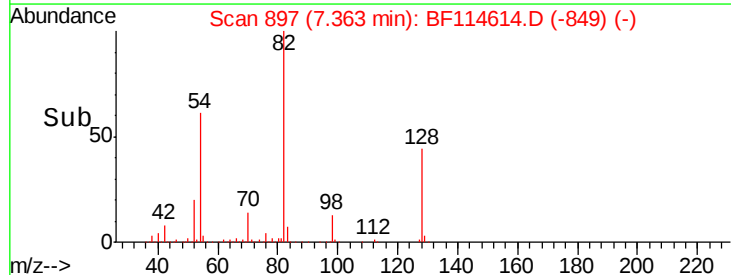
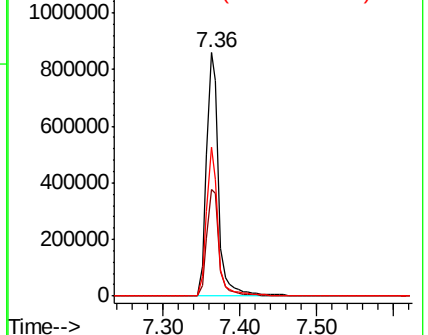


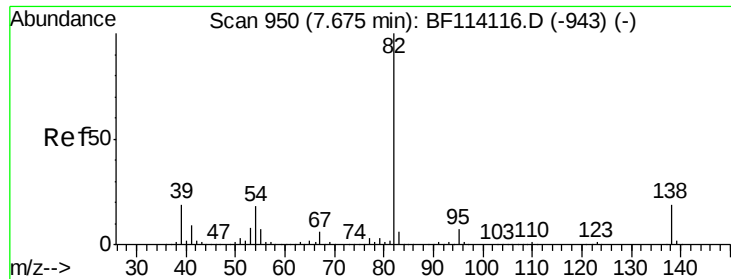
#23
Nitrobenzene-d5
Concen: 75.220 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF114614.D
Acq: 25 May 2019 19:50

Tgt	Ion: 82	Resp:	936888
Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.5	53.3
54	61.0	48.5	72.7



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

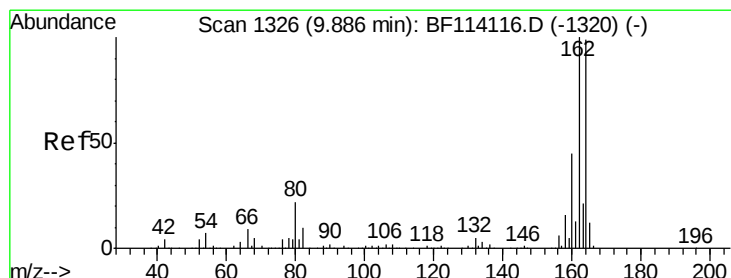
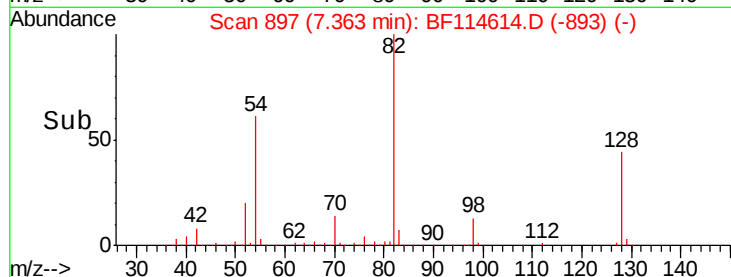
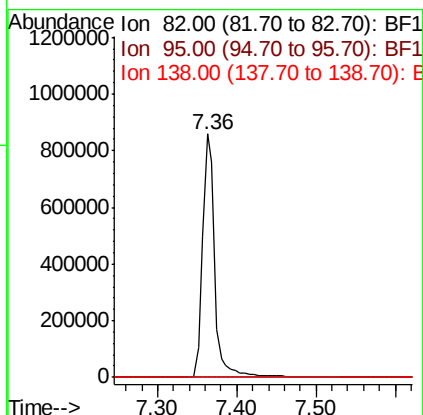
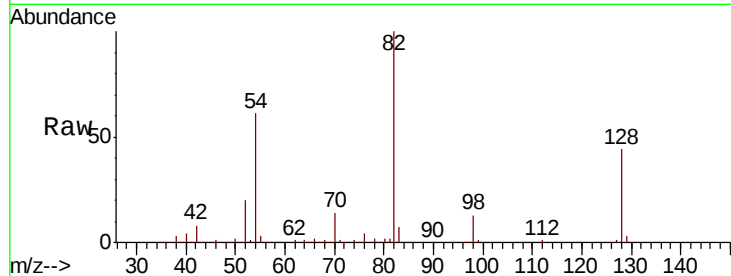




#25
Isophorone
Concen: 40.558 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.28 min
Lab File: BF114614.D
Acq: 25 May 2019 19:50

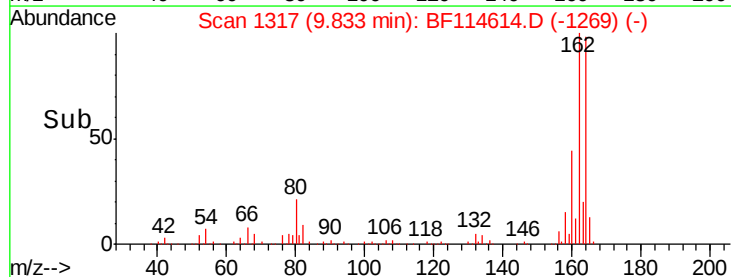
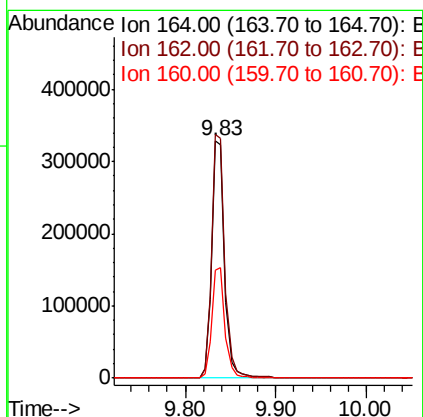
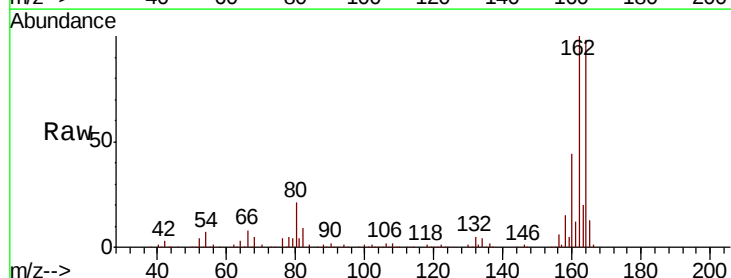
Instrument :
BNA_F
ClientSampleId :

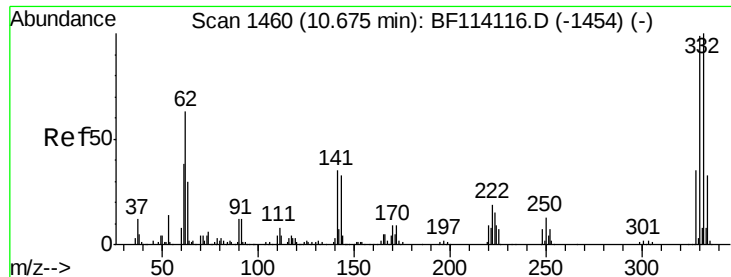
Tot Ion: 82 Resp: 936880
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF114614.D
Acq: 25 May 2019 19:50

Tgt Ion:164 Resp: 329546
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 45.5 36.5 54.7

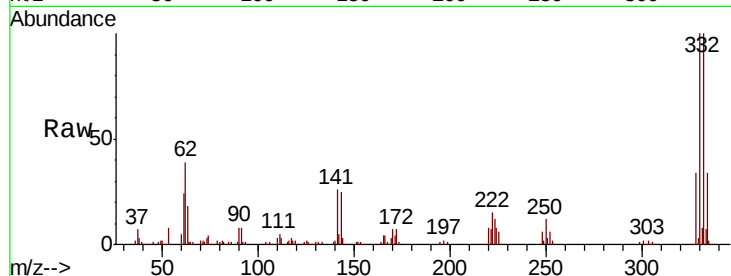




#42
 2,4,6-Tribromophenol
 Concen: 108.159 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF114614.D
 Acq: 25 May 2019 19:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.0	81.4	122.2
141	33.6	26.6	40.0

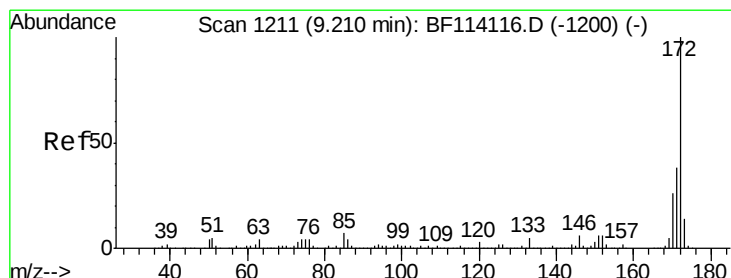
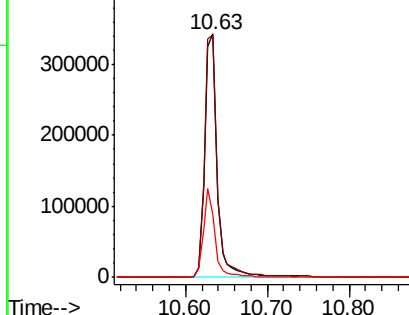
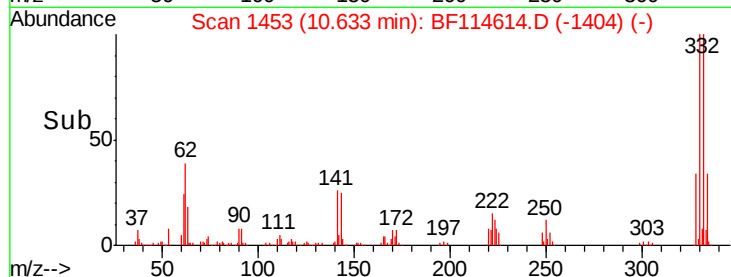


Abundance

Ion 329.80 (329.50 to 330.50): E

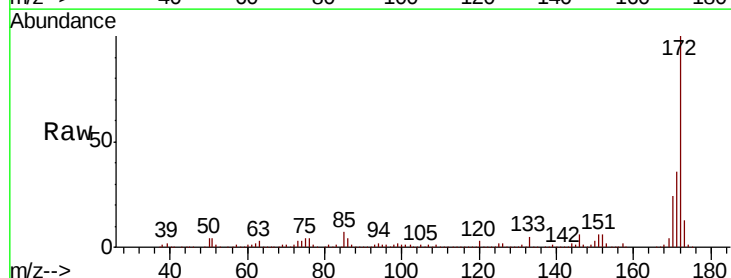
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.296 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF114614.D
 Acq: 25 May 2019 19:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.7	46.1
170	24.1	20.5	30.7

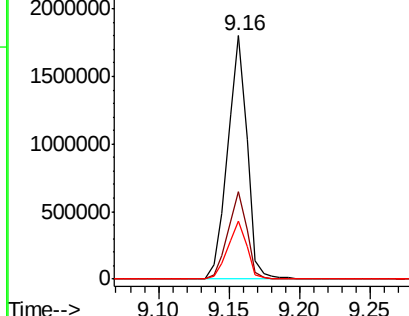
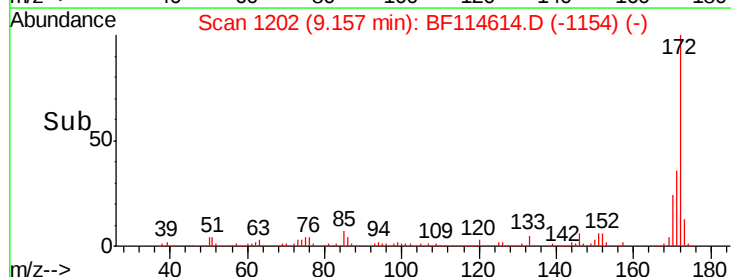


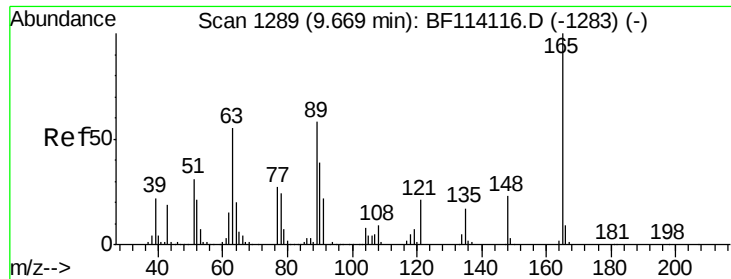
Abundance

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

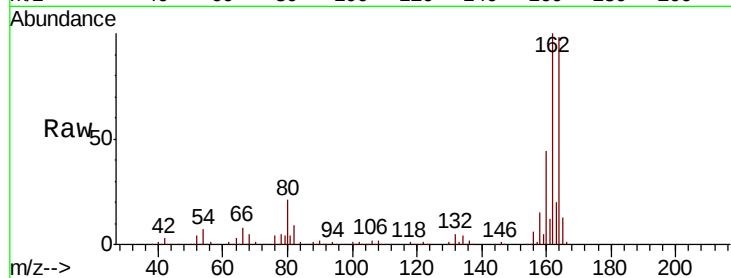




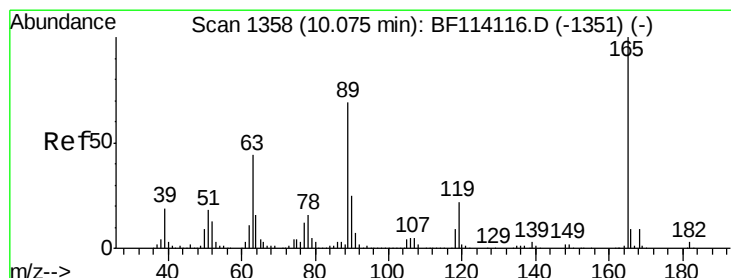
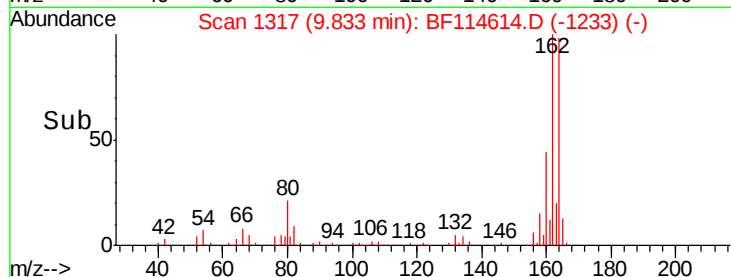
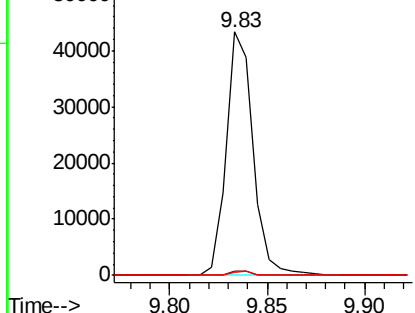
#51
 2,6-Dinitrotoluene
 Concen: 7.655 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF114614.D
 Acq: 25 May 2019 19:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	50.2	75.4#
89	1.2	46.6	69.8#



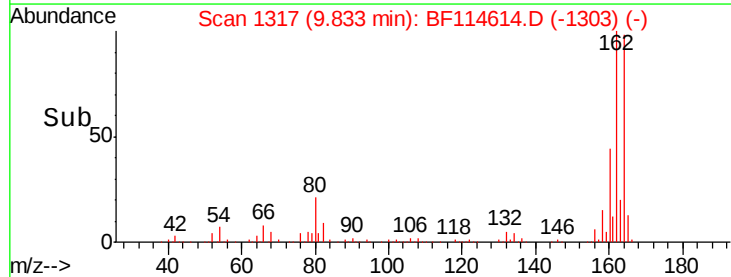
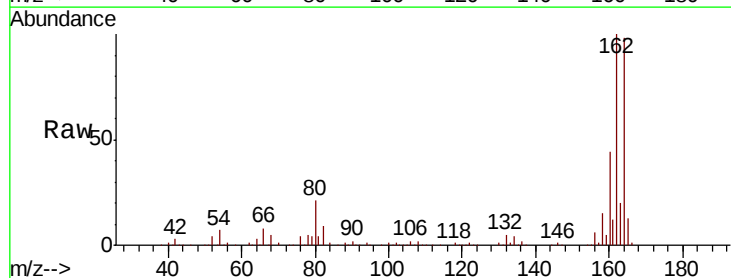
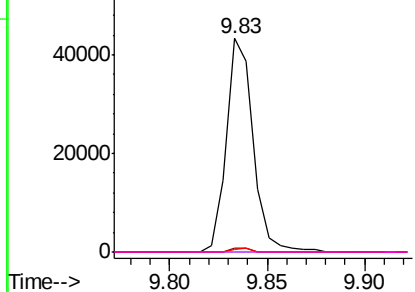
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

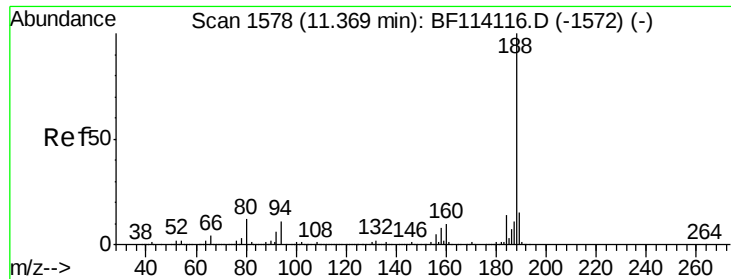


#57
 2,4-Dinitrotoluene
 Concen: 5.640 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF114614.D
 Acq: 25 May 2019 19:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	35.5	53.3#
89	1.2	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

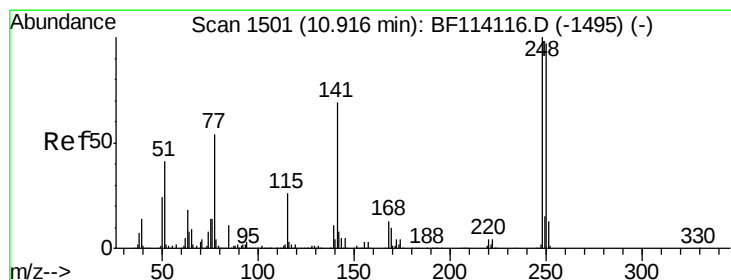
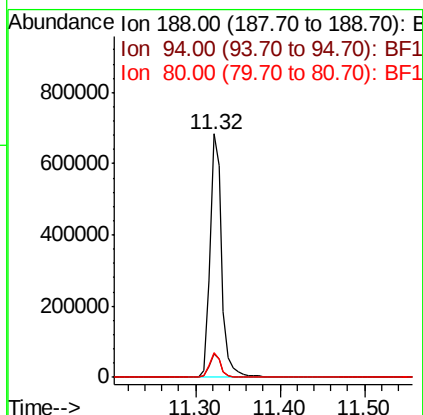
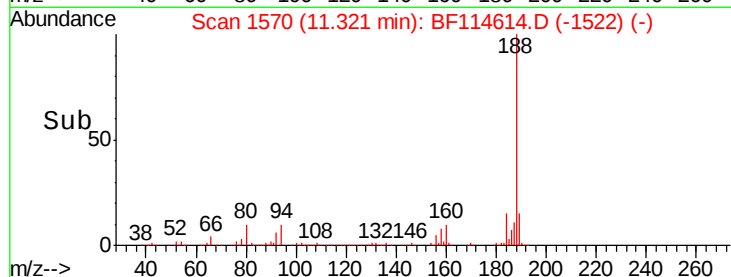
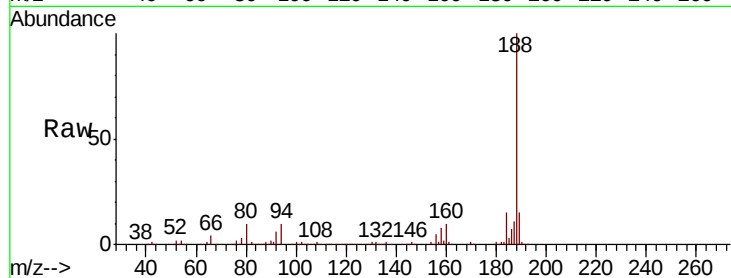




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF114614.D
Acq: 25 May 2019 19:50

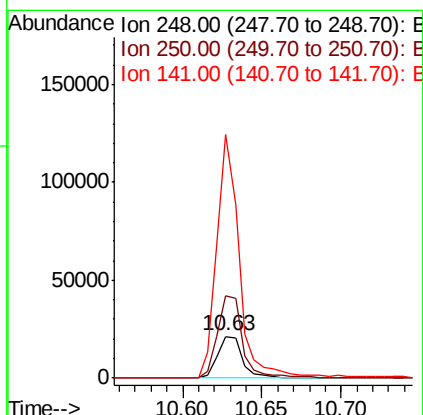
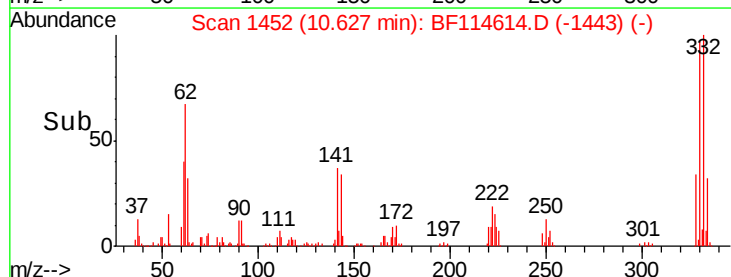
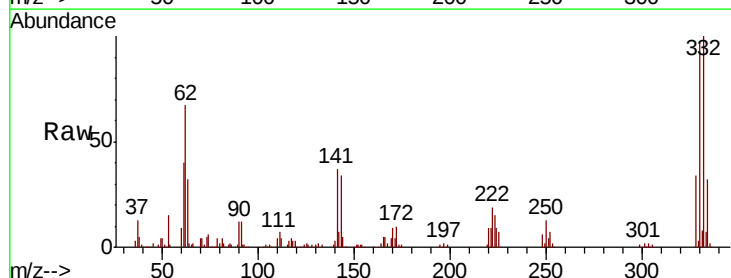
Instrument :
BNA_F
ClientSampleId :

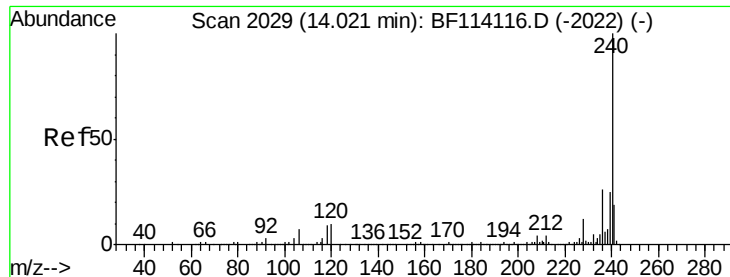
Tot Ion:188 Resp: 667100
Ion Ratio Lower Upper
188 100
94 9.7 8.4 12.6
80 10.3 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 3.196 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF114614.D
Acq: 25 May 2019 19:50

Tgt Ion:248 Resp: 23476
Ion Ratio Lower Upper
248 100
250 198.3 77.4 116.2#
141 583.3 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: BF114614.D

Acq: 25 May 2019 19:50

Instrument :

BNA_F

ClientSampleId :

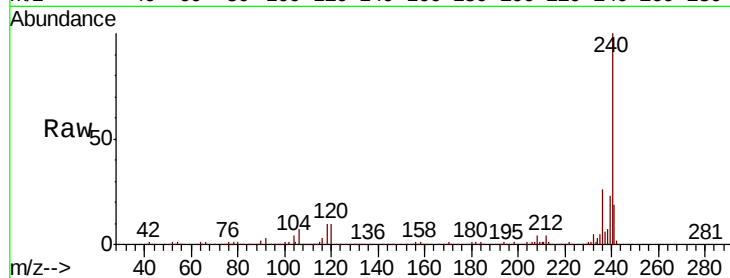
Tot Ion:240 Resp: 477558

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

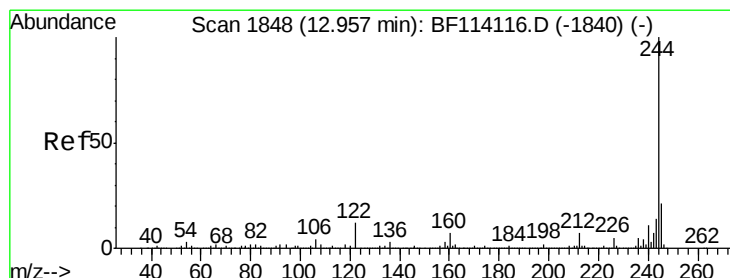
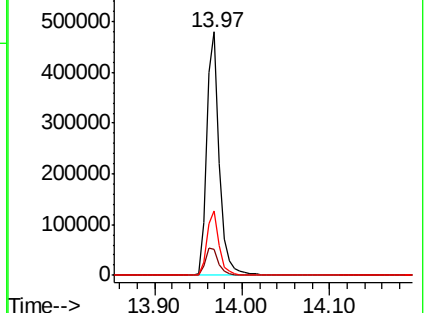
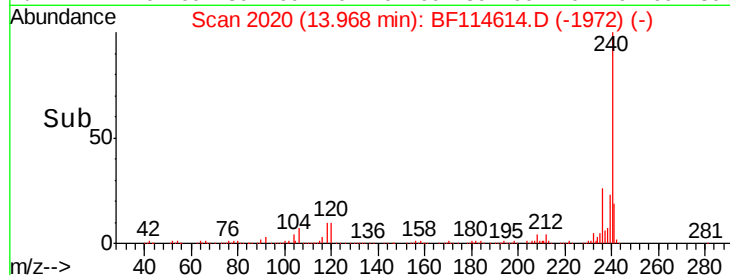
236 26.5 20.8 31.2



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: 72.794 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114614.D

Acq: 25 May 2019 19:50

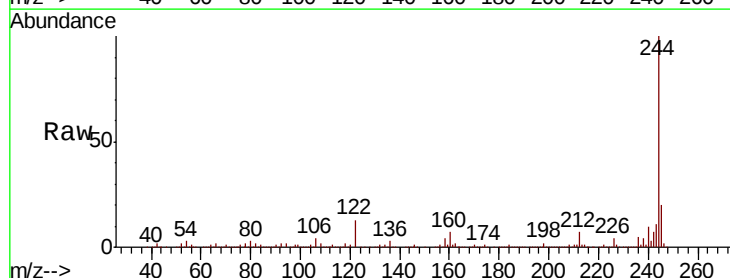
Tgt Ion:244 Resp: 1686380

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

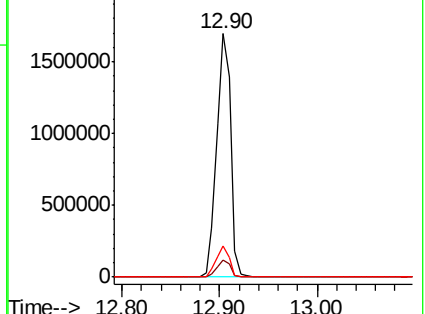
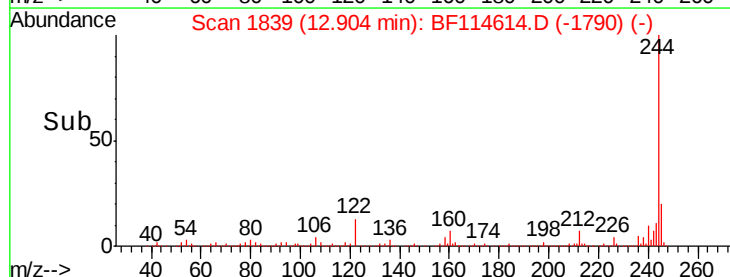
122 12.9 9.4 14.2

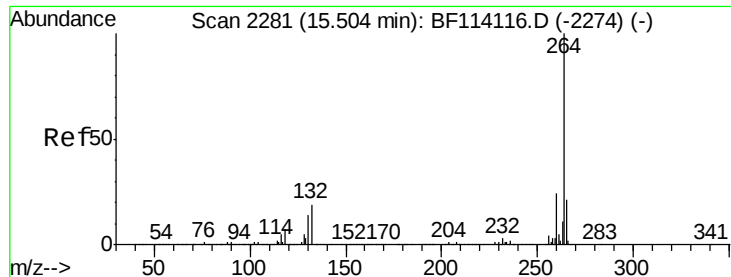


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.42 min Scan# 2267
 Delta R.T. -0.03 min
 Lab File: BF114614.D
 Acq: 25 May 2019 19:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.7	16.9	25.3

