

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114607.D
 Acq On : 25 May 2019 16:46
 Operator : JU/SJ
 Sample : PB119807BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BL

Quant Time: May 26 23:43:31 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

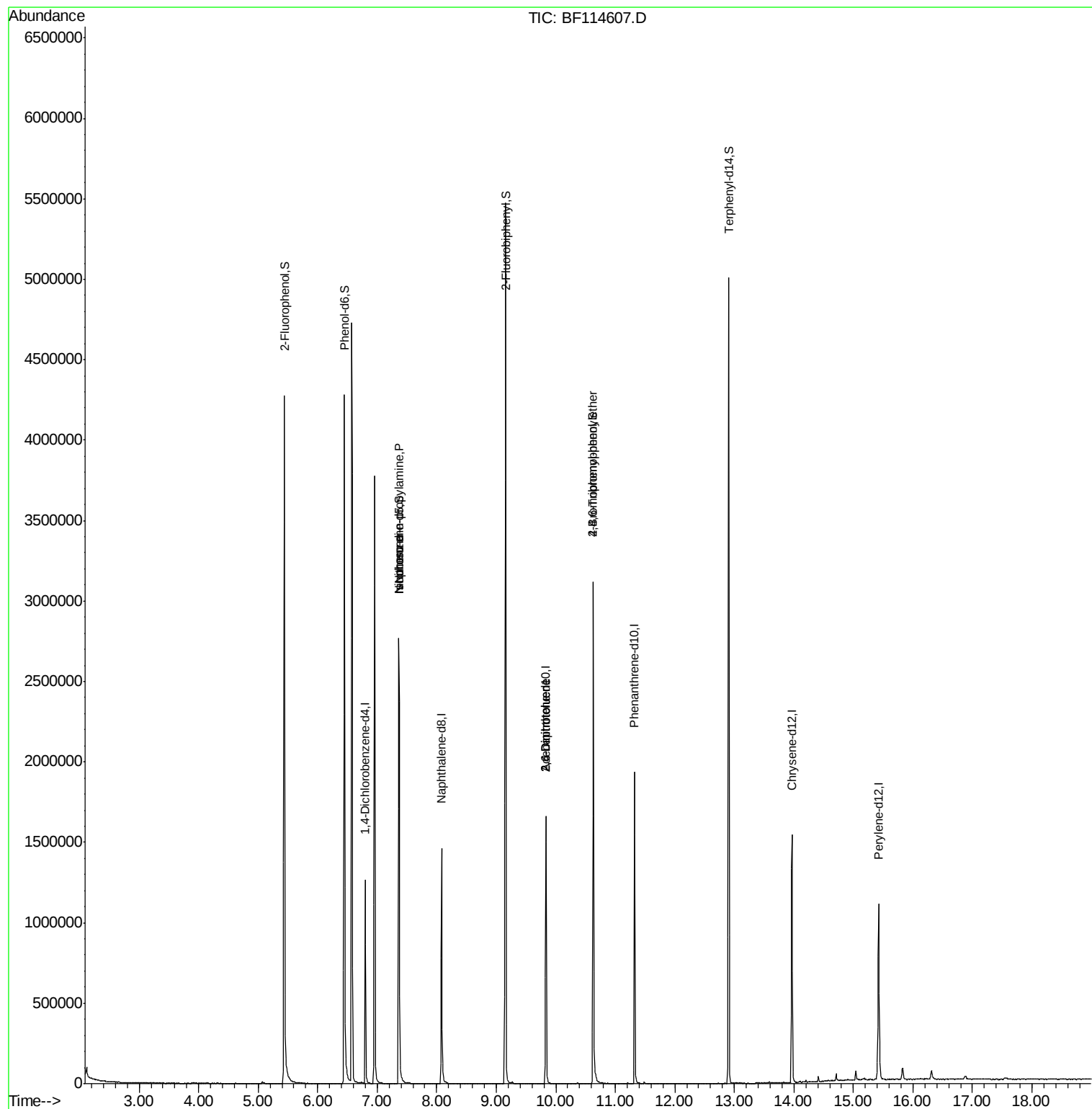
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	191588	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	730970	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	360251	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	735022	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	538866	20.00	ng	-0.02
87) Perylene-d12	15.42	264	538378	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1251470	105.12	ng	0.00
7) Phenol-d6	6.45	99	1624422	115.36	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1005280	77.18	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	414051	111.17	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1843027	77.39	ng	-0.02
79) Terphenyl-d14	12.91	244	1877080	71.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	133153	14.919	ng	# 76
25) Isophorone	7.36	82	1005275	41.615	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	45197	7.705	ng	# 22
57) 2,4-Dinitrotoluene	9.83	165	45197	5.677	ng	# 25
67) 4-Bromophenyl-phenylether	10.63	248	26380	3.260	ng	# 1

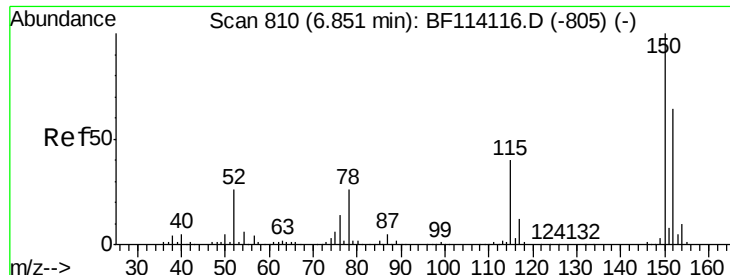
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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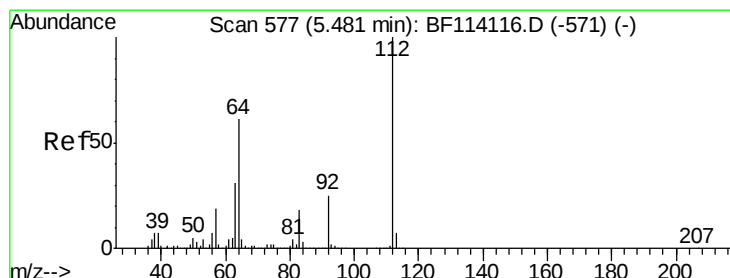
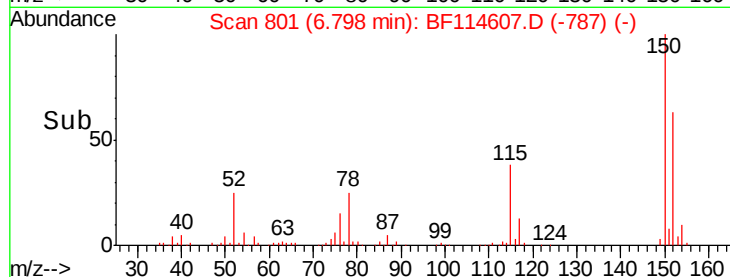
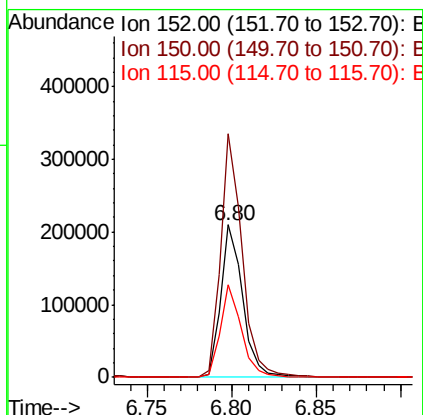
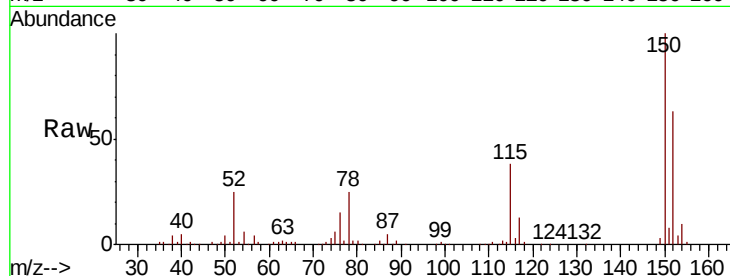


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114607.D
Acq: 25 May 2019 16:46

Instrument :
BNA_F
ClientSampleId :
PB119807BL

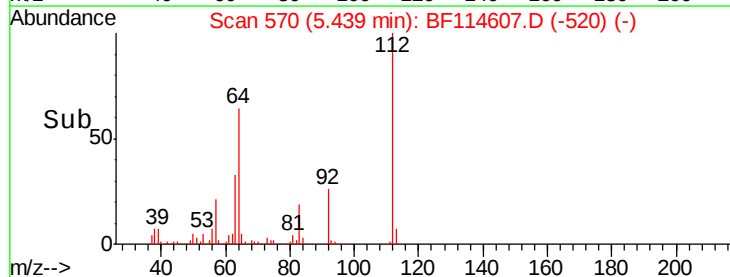
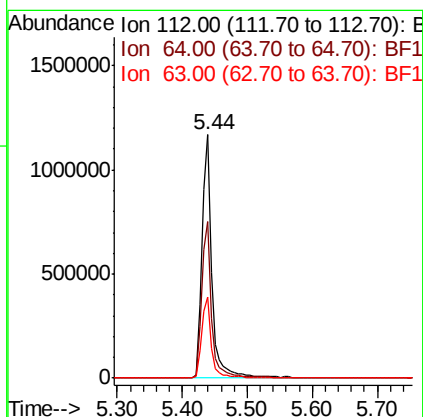
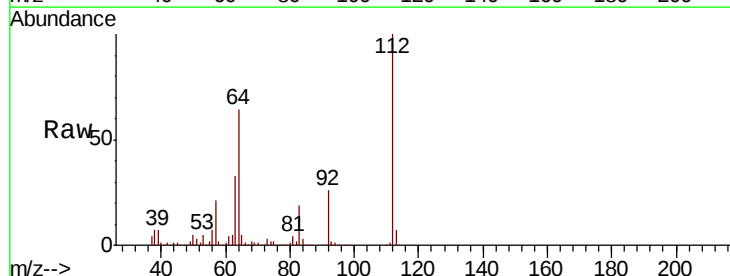
Tot Ion:152 Resp: 191588
Ion Ratio Lower Upper
152 100
150 160.0 124.3 186.5
115 61.2 49.1 73.7



#5

2-Fluorophenol
Concen: 105.118 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF114607.D
Acq: 25 May 2019 16:46

Tgt Ion:112 Resp: 1251470
Ion Ratio Lower Upper
112 100
64 64.2 49.0 73.6
63 33.2 24.6 37.0





#7

Phenol-d6

Concen: 115.364 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114607.D

Acq: 25 May 2019 16:46

Instrument :

BNA_F

ClientSampleId :

PB119807BL

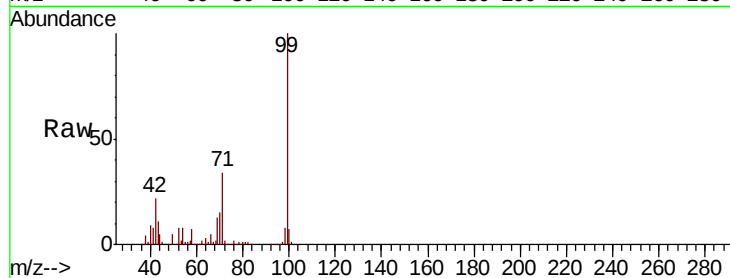
Tot Ion: 99 Resp: 1624422

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

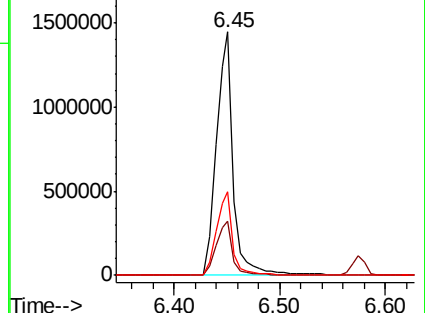
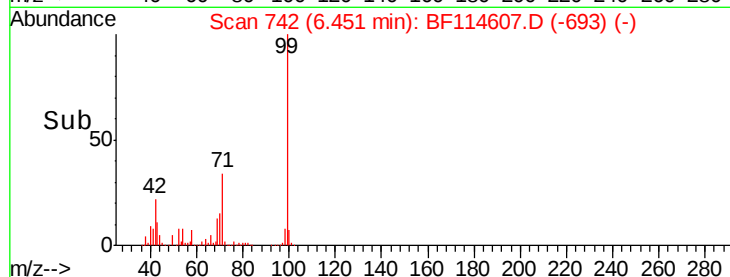
71 34.3 26.2 39.2



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: 14.919 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.13 min

Lab File: BF114607.D

Acq: 25 May 2019 16:46

Tgt Ion: 70 Resp: 133153

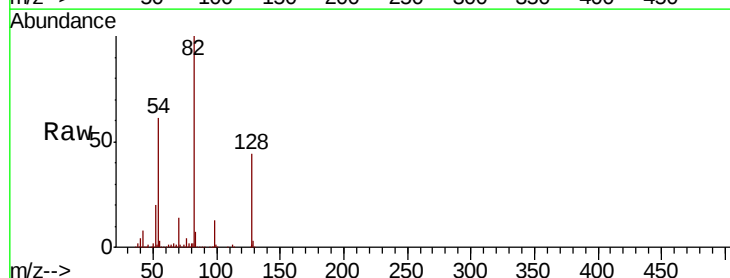
Ion Ratio Lower Upper

70 100

42 57.1 58.6 87.8#

101 0.0 7.8 11.8#

130 2.1 17.1 25.7#

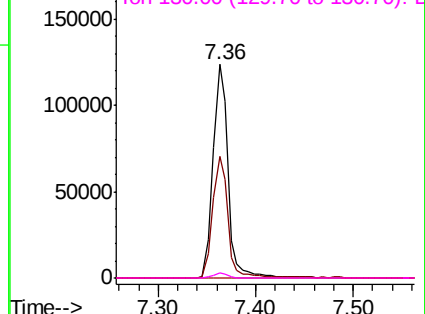
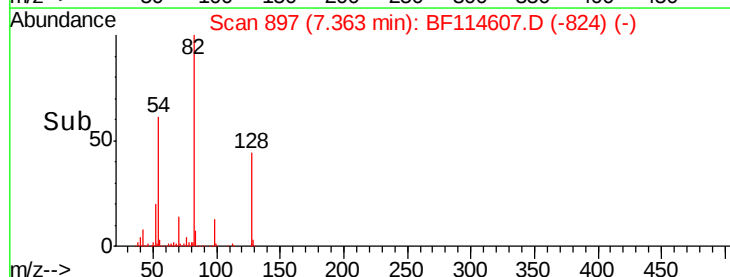


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

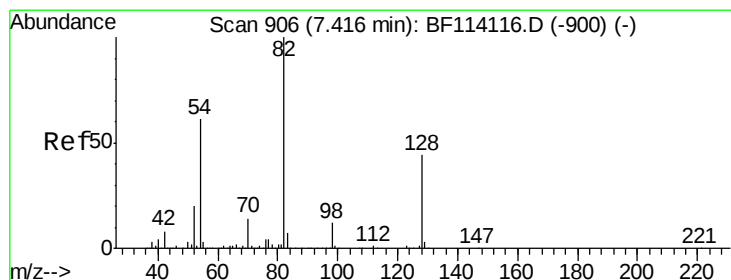
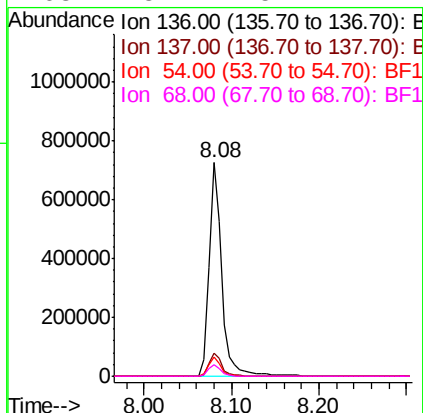
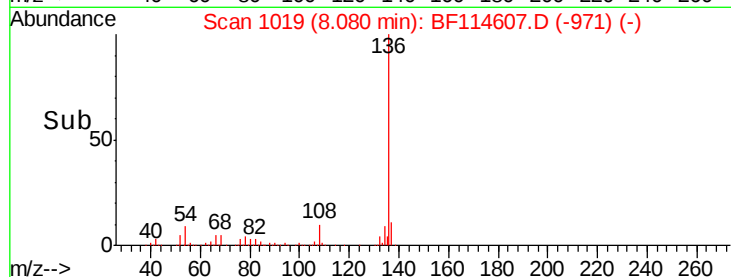
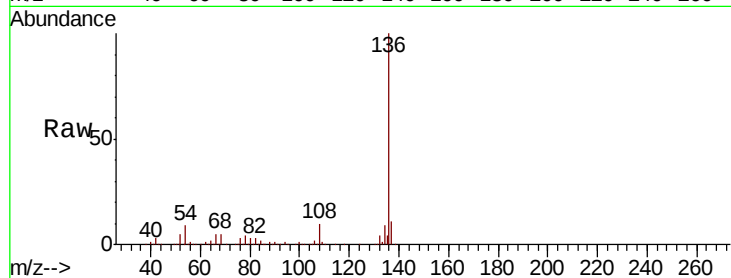




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114607.D
Acq: 25 May 2019 16:46

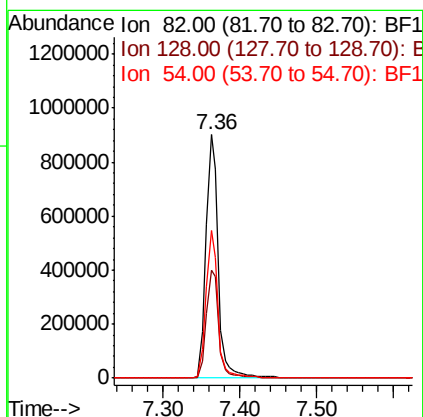
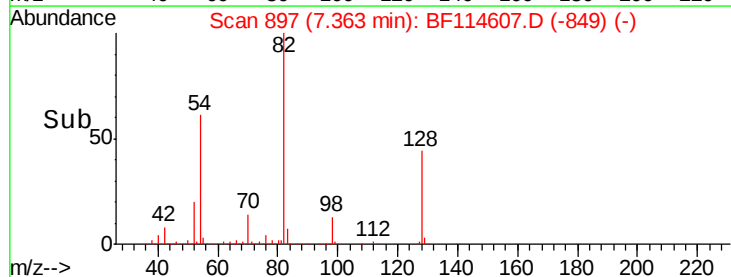
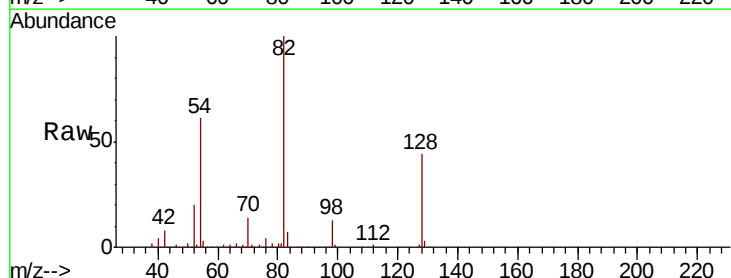
Instrument :
BNA_F
ClientSampleId :
PB119807BL

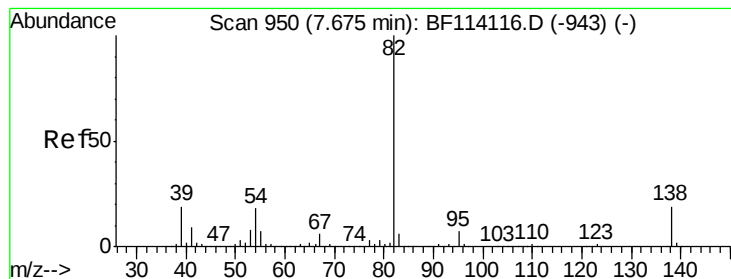
Tot Ion:136	Resp:	730970
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.8	13.2
54 9.3	7.8	11.8
68 5.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 77.180 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF114607.D
Acq: 25 May 2019 16:46

Tgt Ion: 82	Resp: 1005280
Ion Ratio	Lower Upper
82 100	
128 44.4	35.5 53.3
54 60.7	48.5 72.7





#25

Isophorone

Concen: 41.615 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.28 min

Lab File: BF114607.D

Acq: 25 May 2019 16:46

Instrument :

BNA_F

ClientSampleId :

PB119807BL

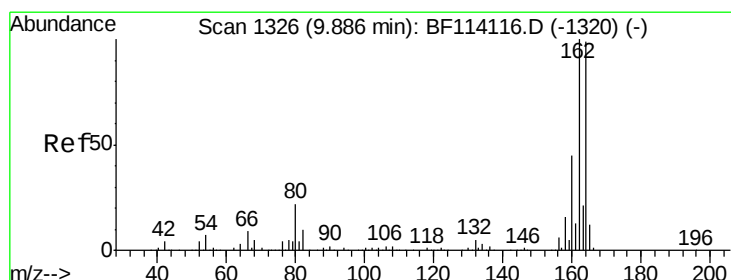
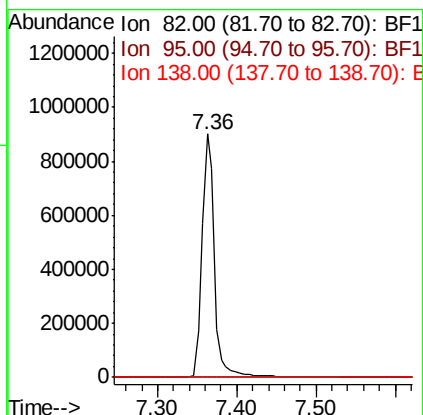
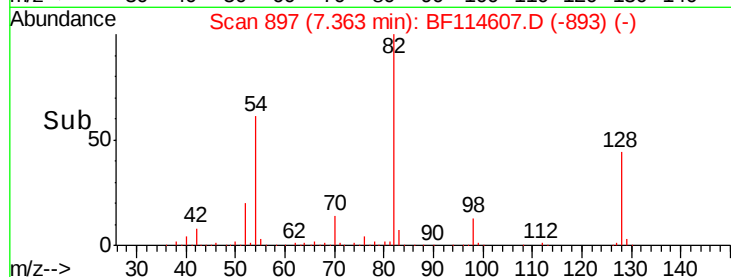
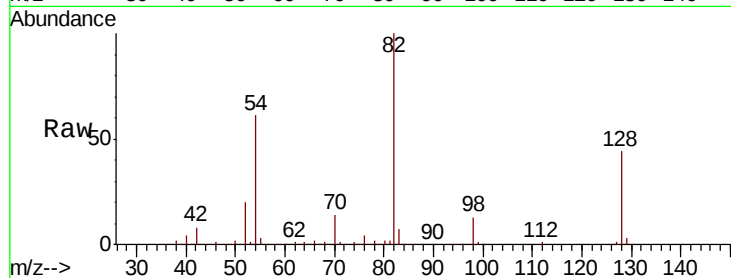
Tot Ion: 82 Resp: 1005275

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: BF114607.D

Acq: 25 May 2019 16:46

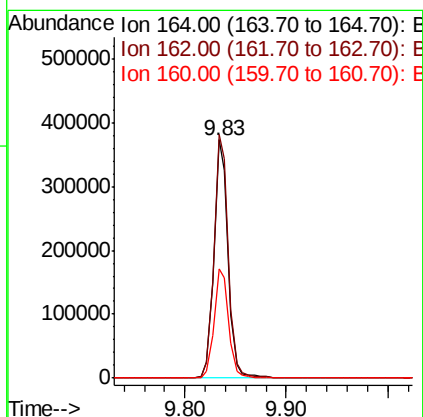
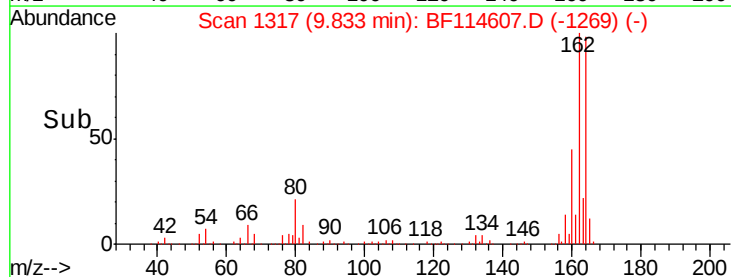
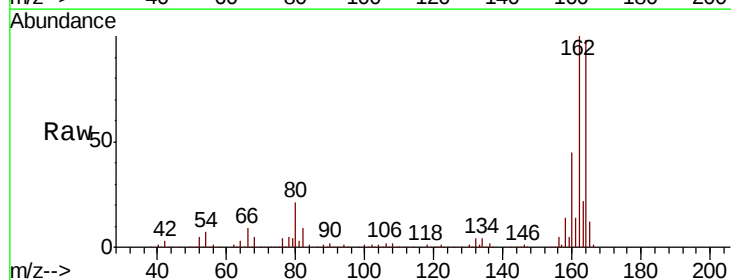
Tgt Ion: 164 Resp: 360251

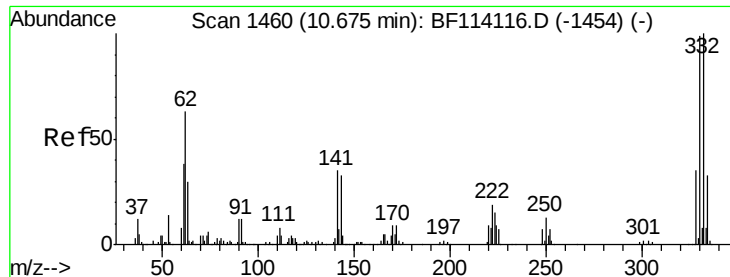
Ion Ratio Lower Upper

164 100

162 102.2 80.6 120.8

160 45.7 36.5 54.7

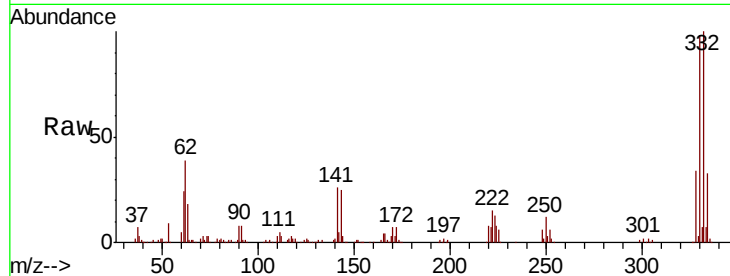




#42
 2,4,6-Tribromophenol
 Concen: 111.173 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF114607.D
 Acq: 25 May 2019 16:46

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.5	81.4	122.2
141	33.8	26.6	40.0

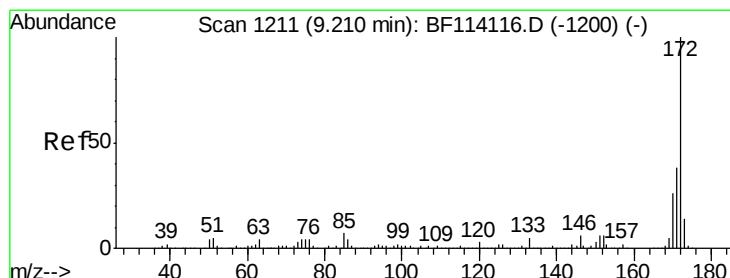
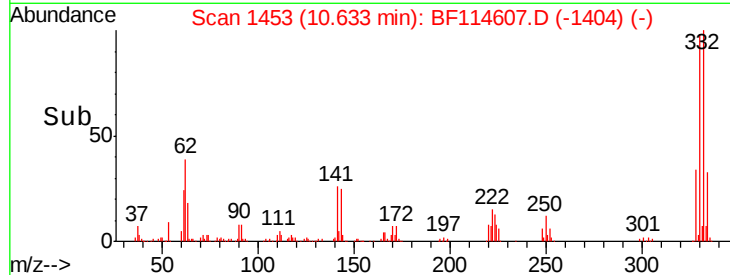
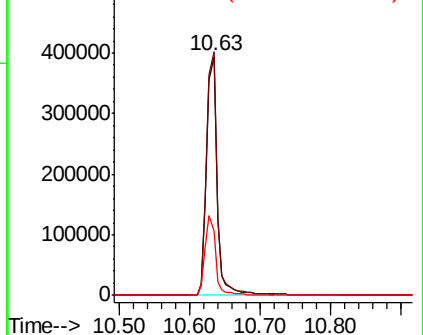


Abundance

Ion 329.80 (329.50 to 330.50): E

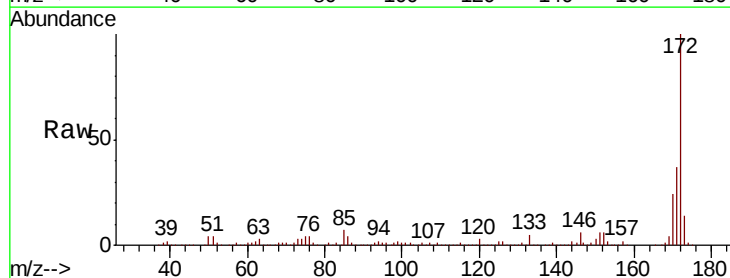
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.387 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF114607.D
 Acq: 25 May 2019 16:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.7	46.1
170	24.2	20.5	30.7

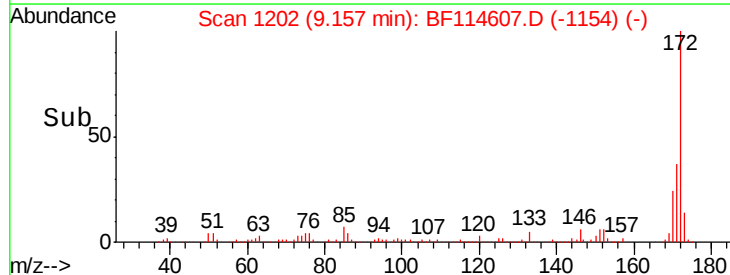
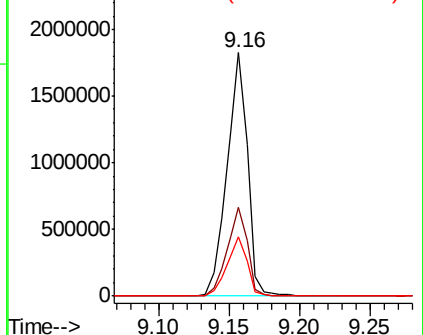


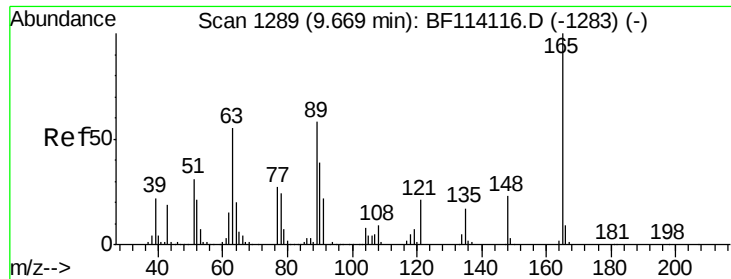
Abundance

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

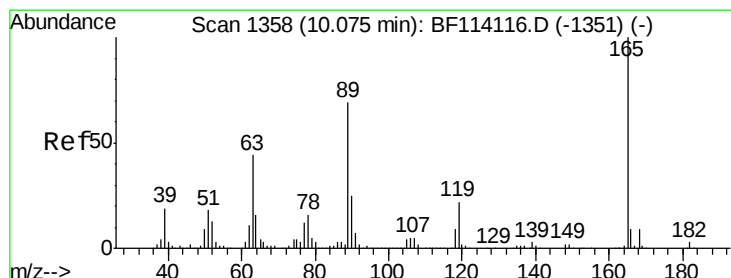
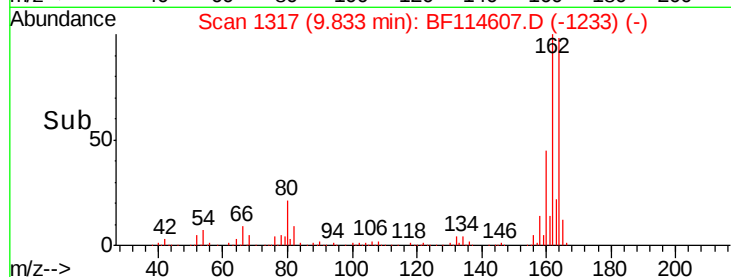
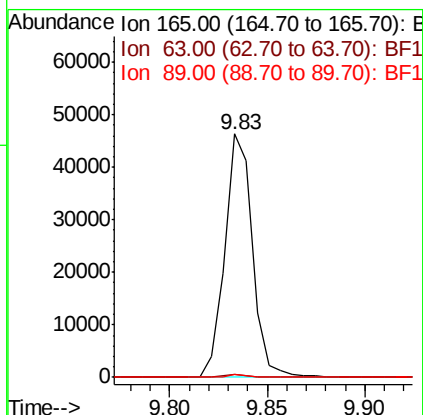
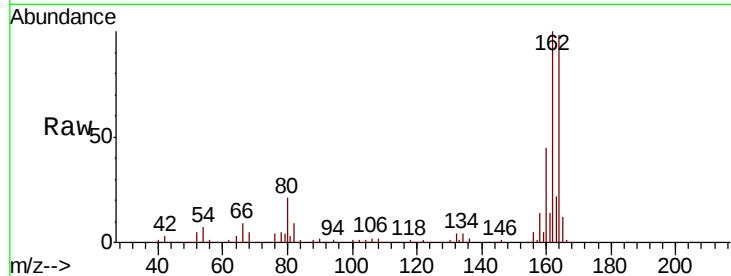




#51
 2,6-Dinitrotoluene
 Concen: 7.705 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF114607.D
 Acq: 25 May 2019 16:46

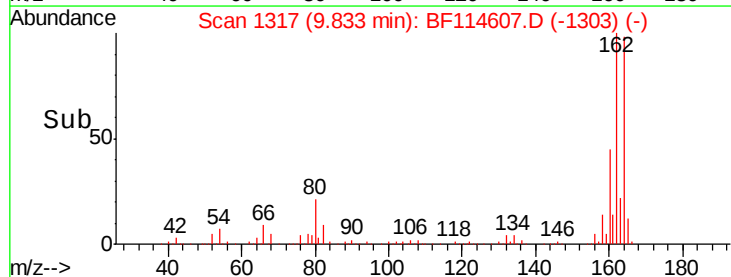
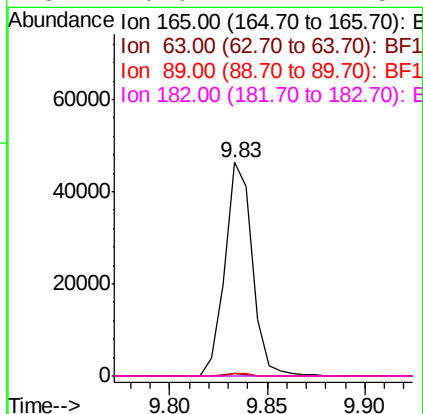
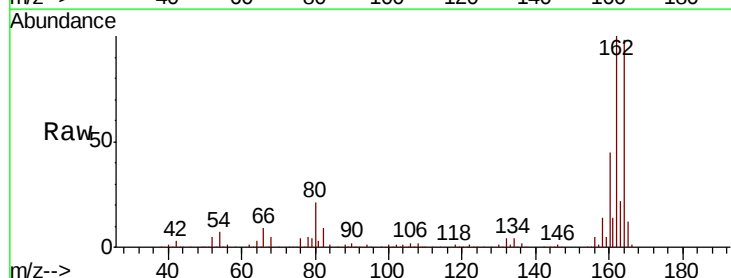
Instrument :
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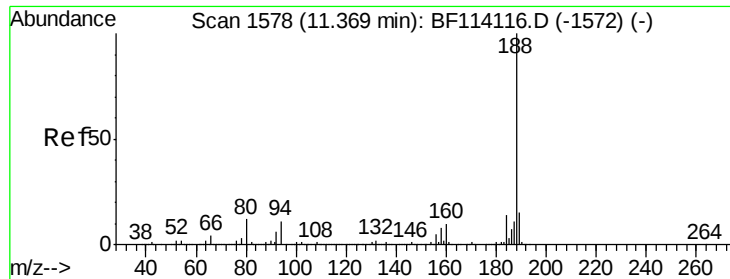
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	50.2	75.4#
89	1.0	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.677 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF114607.D
 Acq: 25 May 2019 16:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.5	53.3#
89	1.0	55.2	82.8#
182	0.0	2.2	3.2#

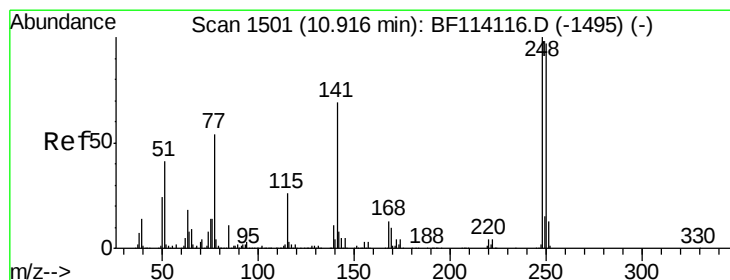
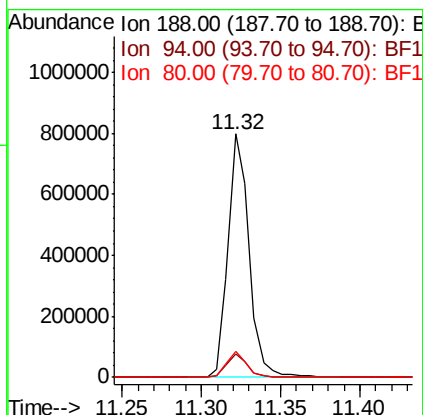
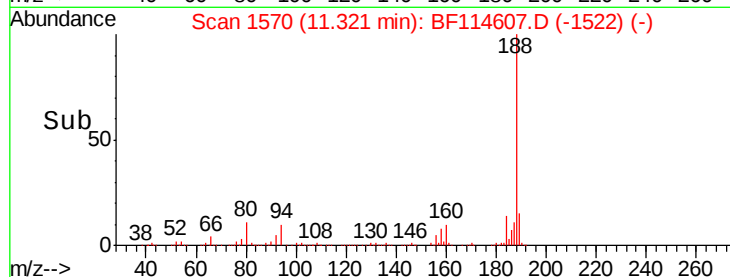
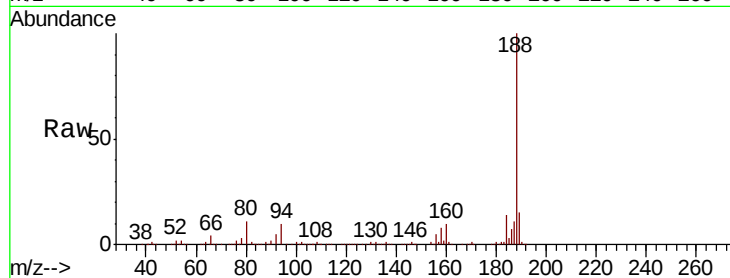




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF114607.D
Acq: 25 May 2019 16:46

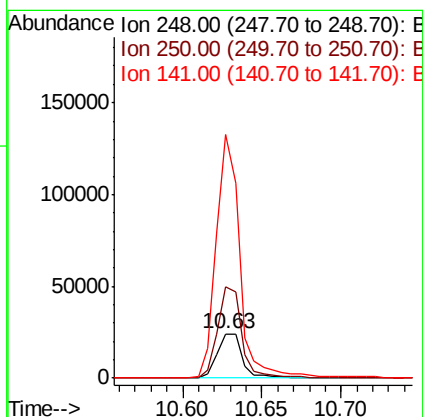
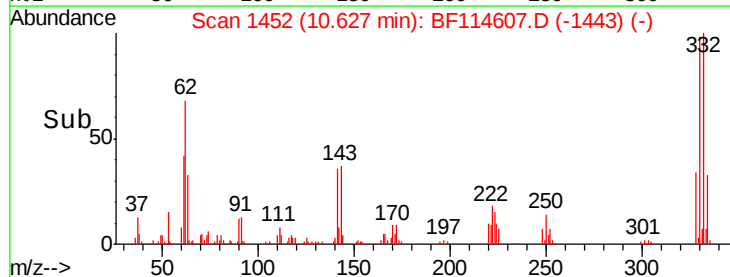
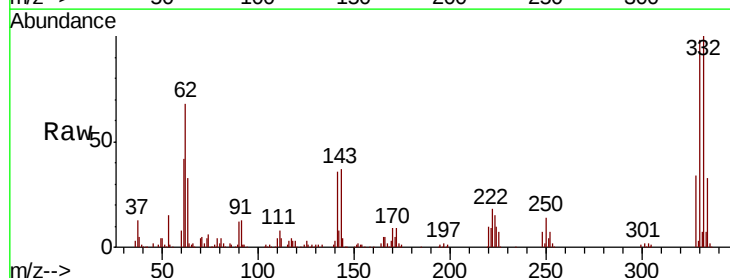
Instrument :
BNA_F
ClientSampleId :
PB119807BL

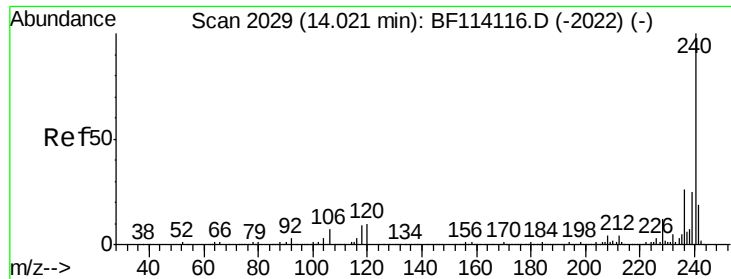
Tot Ion:188 Resp: 735022
Ion Ratio Lower Upper
188 100
94 9.8 8.4 12.6
80 10.5 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 3.260 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.25 min
Lab File: BF114607.D
Acq: 25 May 2019 16:46

Tgt Ion:248 Resp: 26380
Ion Ratio Lower Upper
248 100
250 208.6 77.4 116.2#
141 553.6 55.6 83.4#

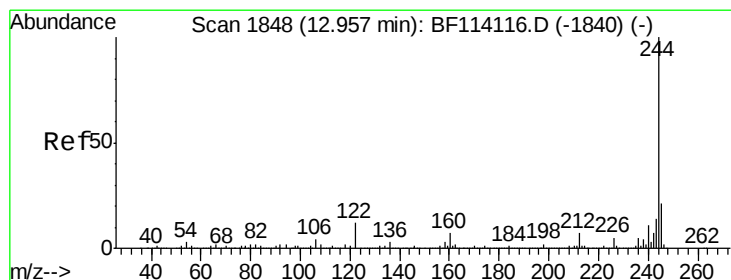
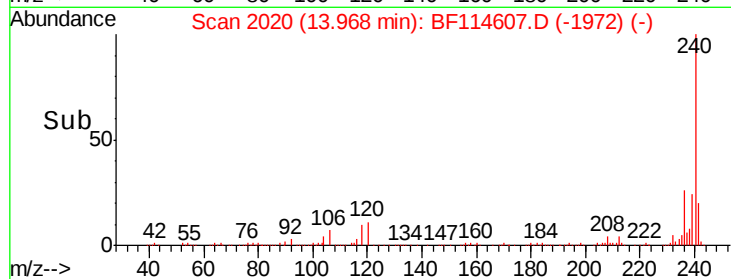
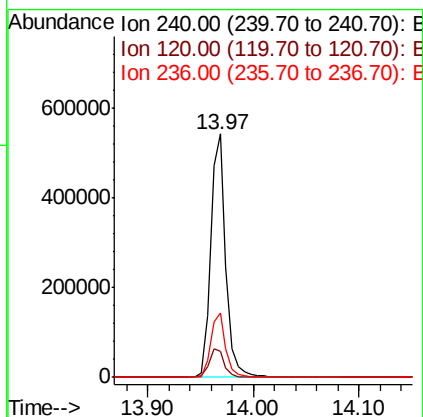
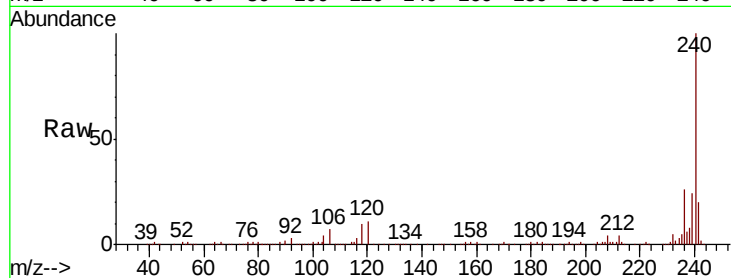




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114607.D
 Acq: 25 May 2019 16:46

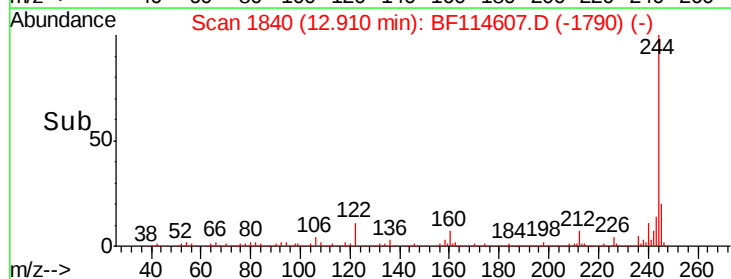
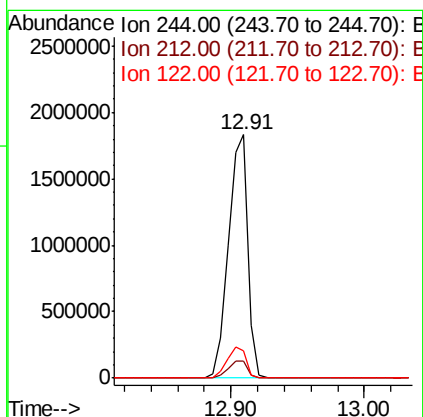
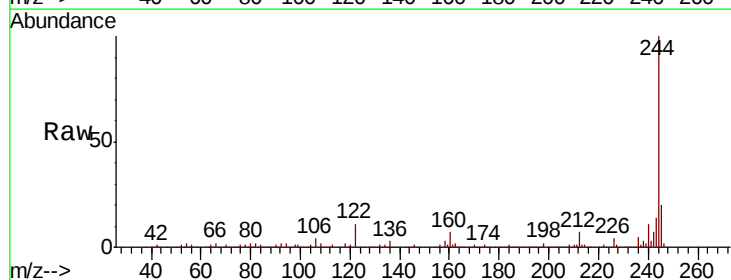
Instrument :
 BNA_F
 ClientSampleId :
 PB119807BL

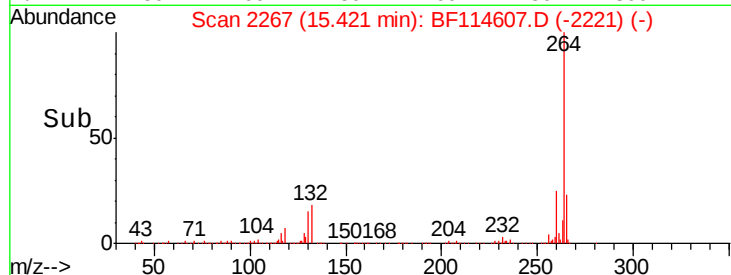
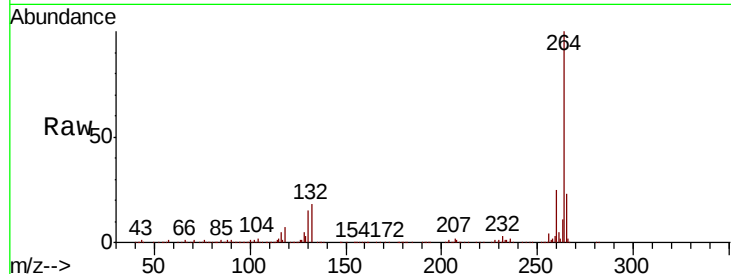
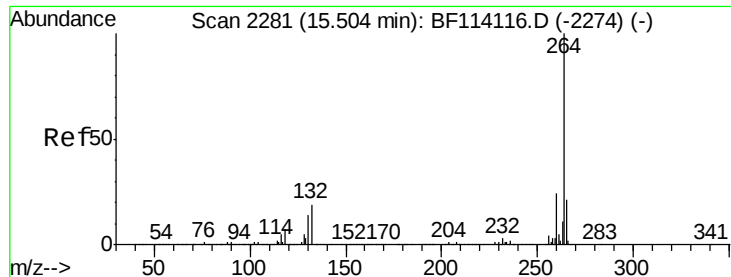
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	26.3	20.8	31.2



#79
 Terphenyl-d14
 Concen: 71.808 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF114607.D
 Acq: 25 May 2019 16:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	11.2	9.4	14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.03 min
Lab File: BF114607.D
Acq: 25 May 2019 16:46

Instrument :
BNA_F
ClientSampleId :
PB119807BL

Tot Ion:	264	Resp:	538378
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.0
265	22.6	16.9	25.3

