

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
 Data File : BF121670.D
 Acq On : 23 Sep 2020 16:31
 Operator : JU/CG
 Sample : PB131842TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131842TB

Quant Time: Sep 23 17:09:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

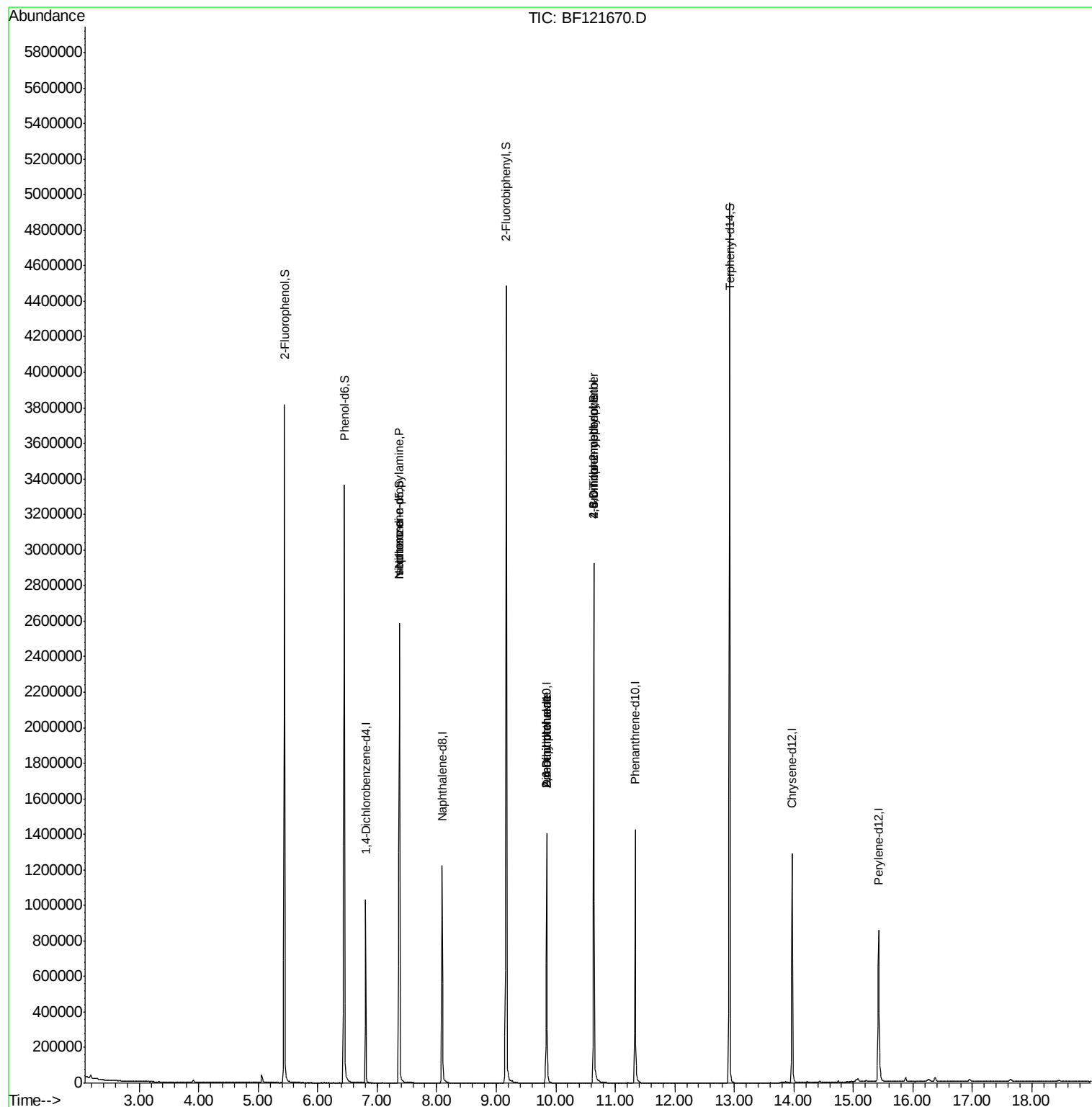
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	159757	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	612376	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	313843	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	587944	20.00	ng	0.00
76) Chrysene-d12	13.97	240	488565	20.00	ng	-0.01
86) Perylene-d12	15.42	264	442052	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1102678	102.58	ng	0.02
7) Phenol-d6	6.45	99	1435849	101.81	ng	0.00
23) Nitrobenzene-d5	7.37	82	980832	86.00	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	419399	107.52	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1662249	80.22	ng	0.00
79) Terphenyl-d14	12.92	244	1737693	72.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	132326	16.280	ng	# 79
25) Isophorone	7.37	82	963929	41.984	ng	# 67
50) Dimethylphthalate	9.85	163	59231	2.604	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	39464	8.146	ng	# 23
57) 2,4-Dinitrotoluene	9.85	165	39464	6.475	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.64	198	837	7.051	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	24017	3.588	ng	# 1

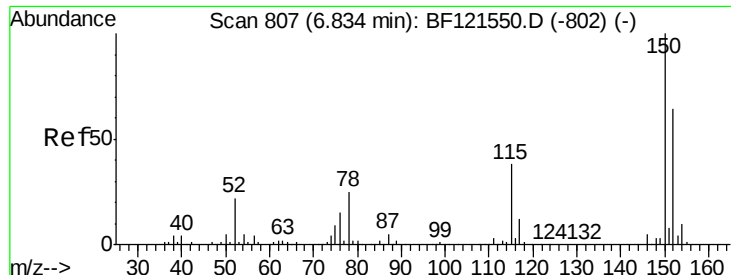
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092320\
Data File : BF121670.D
Acq On : 23 Sep 2020 16:31
Operator : JU/CG
Sample : PB131842TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131842TB

Quant Time: Sep 23 17:09:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration



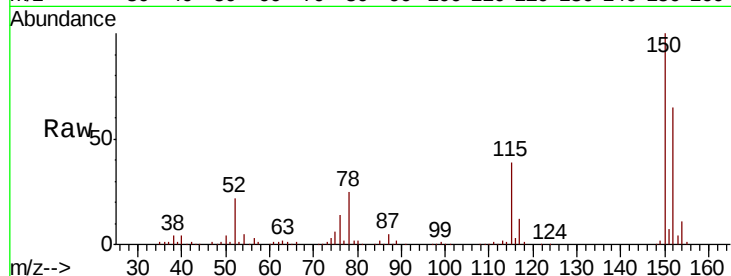


#1

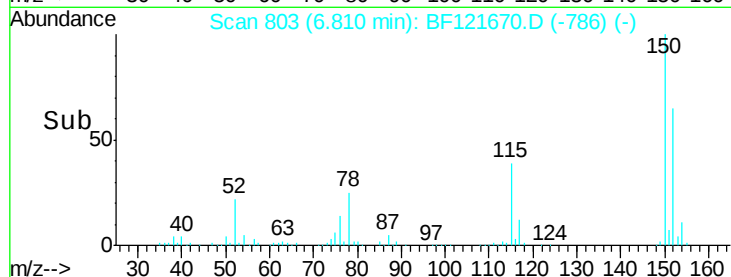
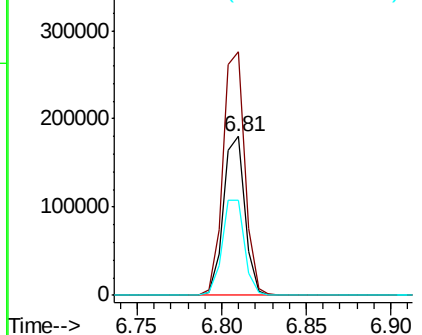
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121670.D
Acq: 23 Sep 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB131842TB

Tot Ion:152 Resp: 159757
Ion Ratio Lower Upper
152 100
150 153.6 128.1 192.1
115 59.8 52.6 79.0



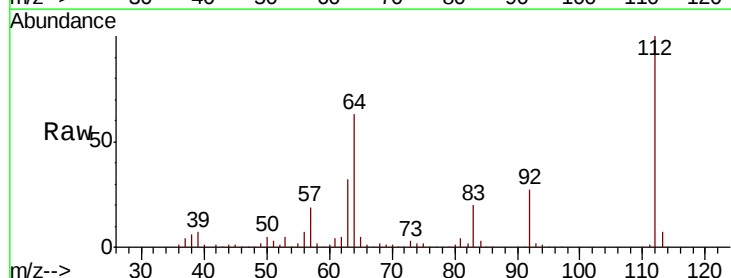
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



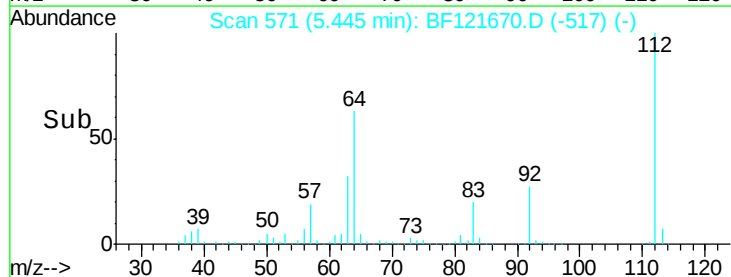
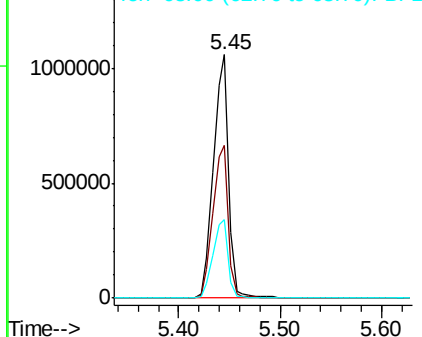
#5

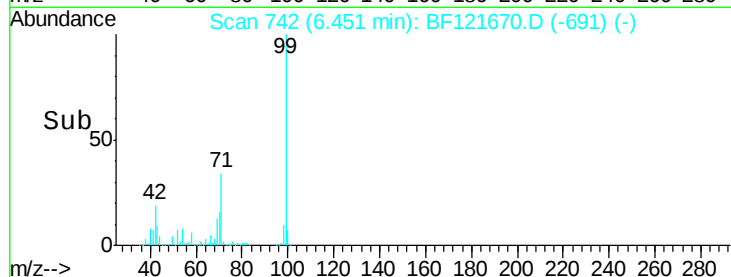
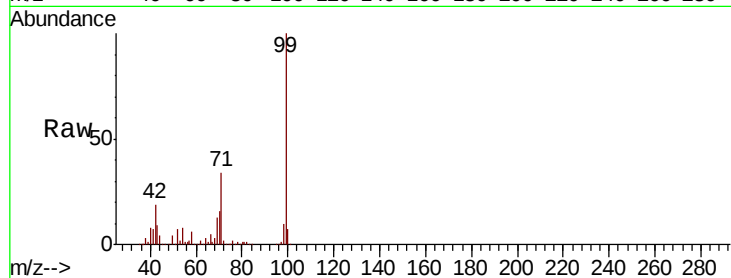
2-Fluorophenol
Concen: 102.576 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.02 min
Lab File: BF121670.D
Acq: 23 Sep 2020 16:31

Tgt Ion:112 Resp: 1102678
Ion Ratio Lower Upper
112 100
64 62.8 52.2 78.2
63 32.4 26.6 39.8



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: 101.810 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF121670.D

Acq: 23 Sep 2020 16:31

Instrument :

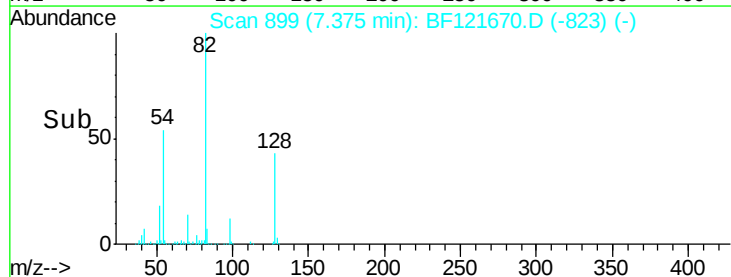
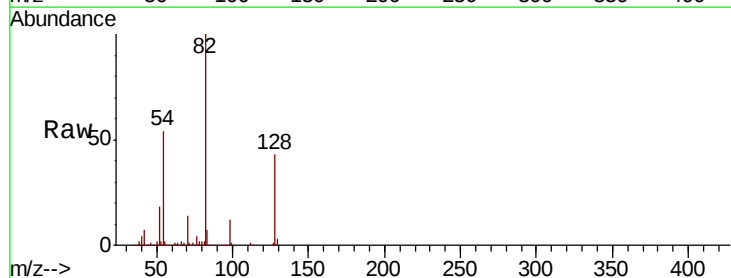
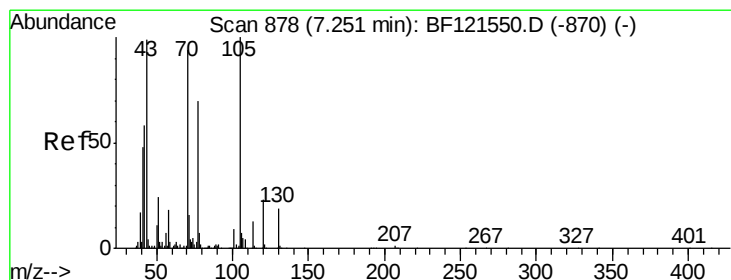
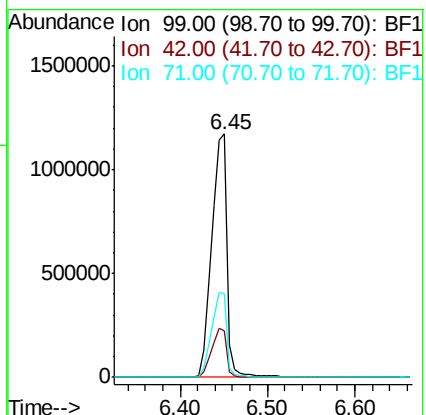
BNA_F

ClientSampleId :

PB131842TB

Tot Ion: 99 Resp: 1435849

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.5	23.3
71	34.3	27.4	41.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.280 ng

RT: 7.37 min Scan# 899

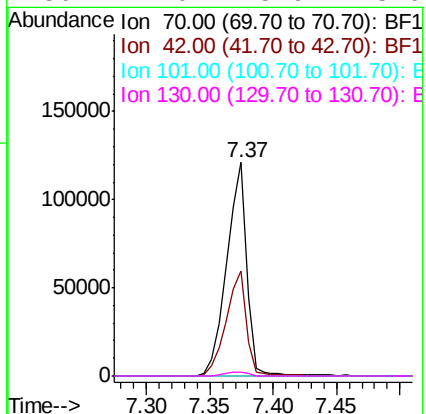
Delta R.T. 0.15 min

Lab File: BF121670.D

Acq: 23 Sep 2020 16:31

Tgt Ion: 70 Resp: 132326

Ion	Ratio	Lower	Upper
70	100		
42	49.3	48.3	72.5
101	0.0	7.6	11.4#
130	2.0	15.9	23.9#

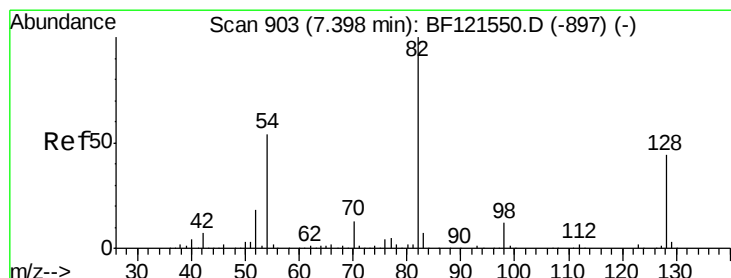
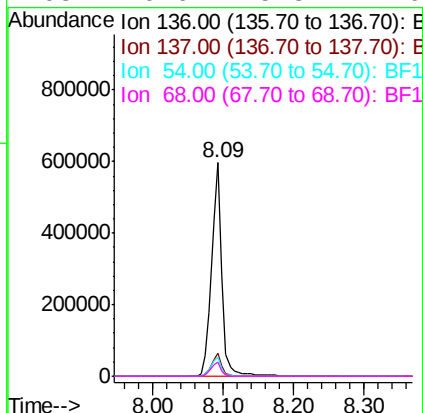
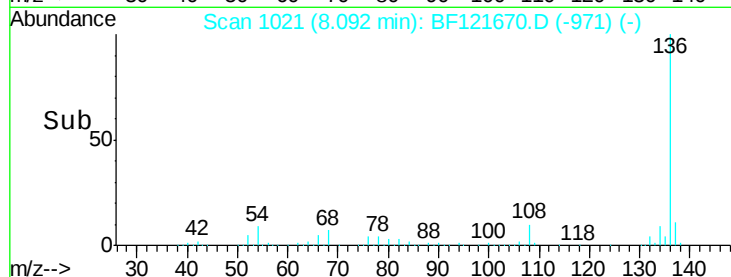
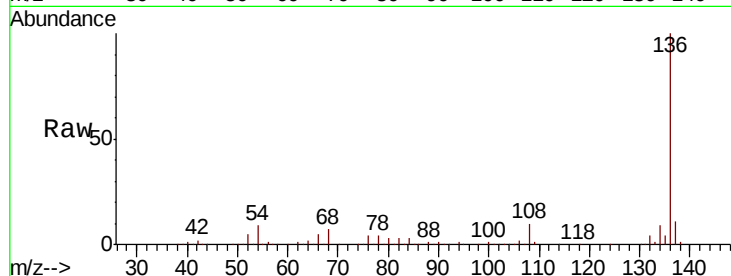




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121670.D
Acq: 23 Sep 2020 16:31

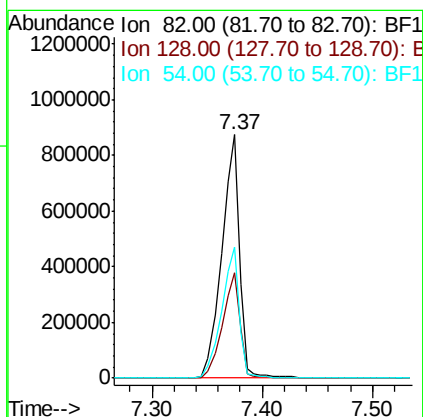
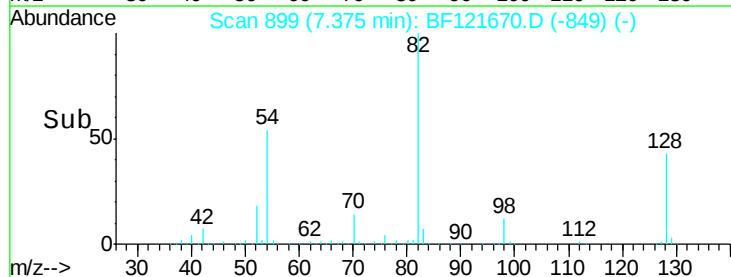
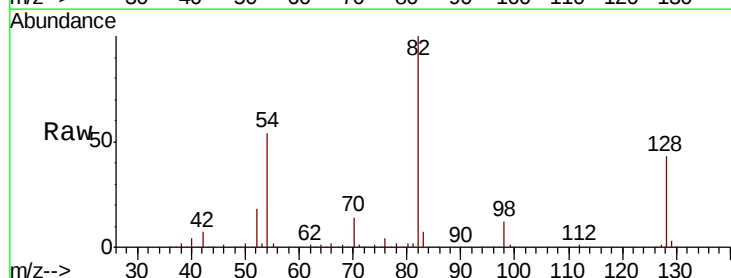
Instrument :
BNA_F
ClientSampleId :
PB131842TB

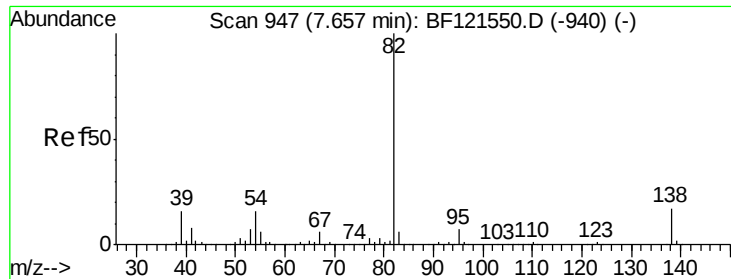
Tot Ion:136	Resp:	612376
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.9 13.3
54	9.1	7.4 11.0
68	6.6	5.3 7.9



#23
Nitrobenzene-d5
Concen: 85.997 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121670.D
Acq: 23 Sep 2020 16:31

Tgt Ion: 82	Resp:	980832
Ion	Ratio	Lower Upper
82	100	
128	43.2	33.9 50.9
54	53.7	42.9 64.3





#25

Isophorone

Concen: 41.984 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121670.D

Acq: 23 Sep 2020 16:31

Instrument :

BNA_F

ClientSampleId :

PB131842TB

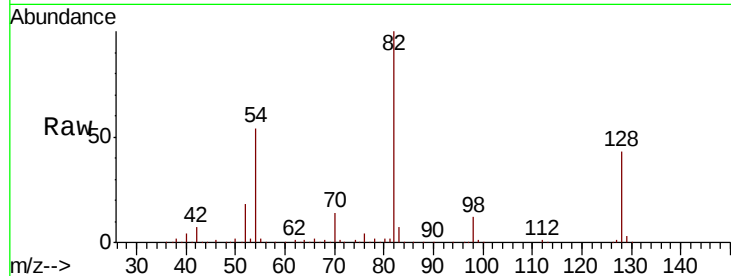
Tot Ion: 82 Resp: 963929

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

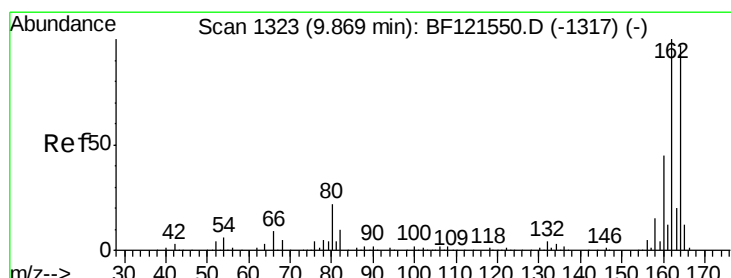
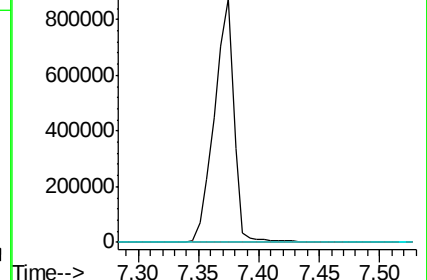
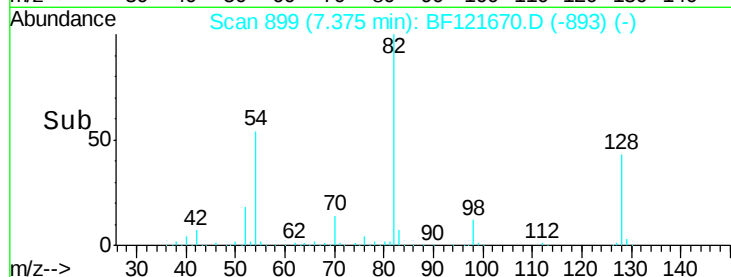
138 0.0 13.2 19.8#



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: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121670.D

Acq: 23 Sep 2020 16:31

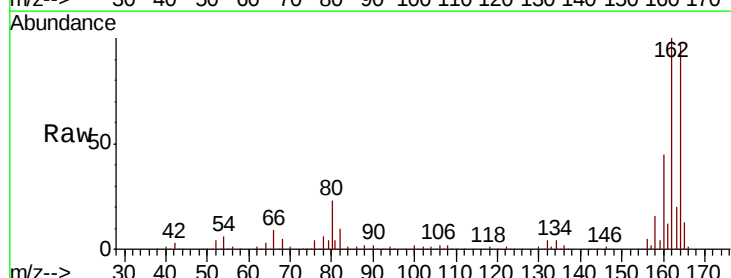
Tgt Ion: 164 Resp: 313843

Ion Ratio Lower Upper

164 100

162 103.3 81.2 121.8

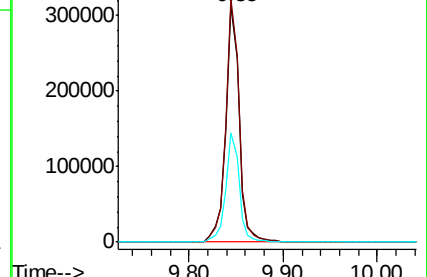
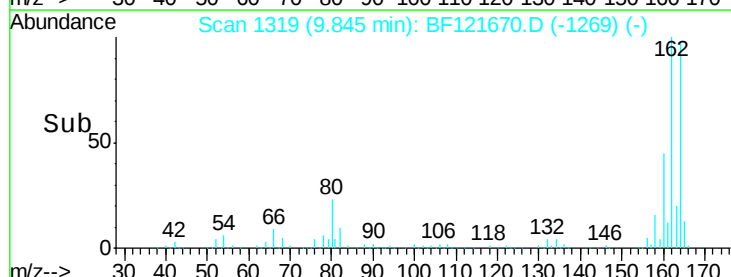
160 46.6 36.2 54.4

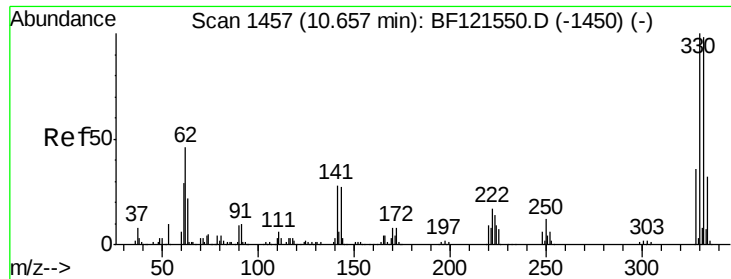


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

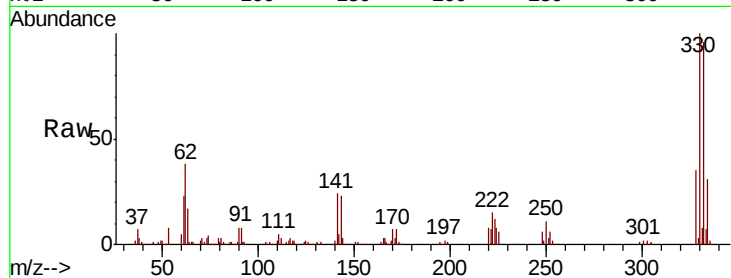




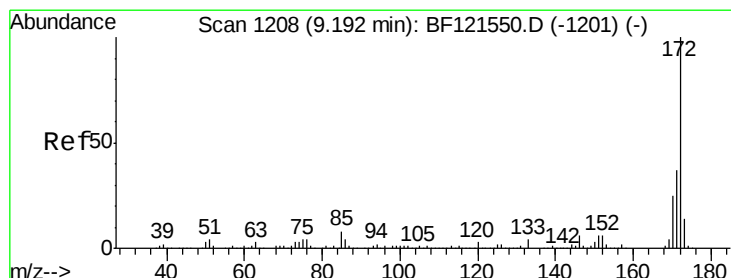
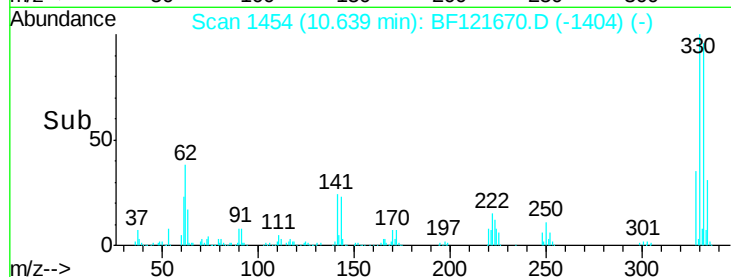
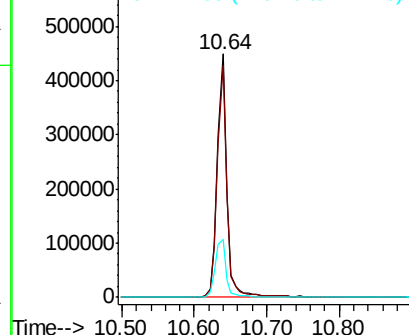
#42
2,4,6-Tribromophenol
Concen: 107.520 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF121670.D
Acq: 23 Sep 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB131842TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	27.3	22.4	33.6

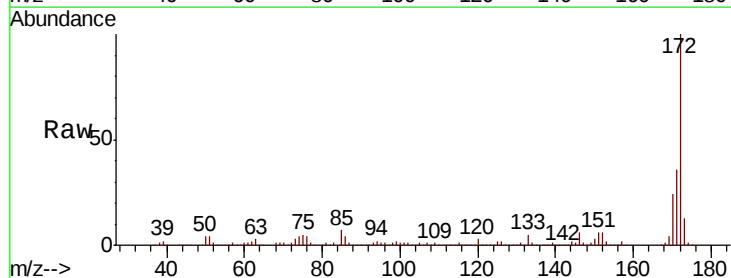


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

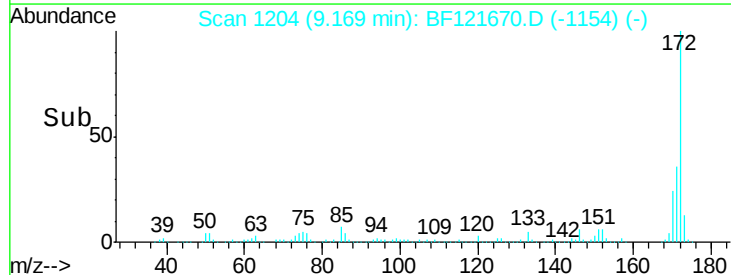
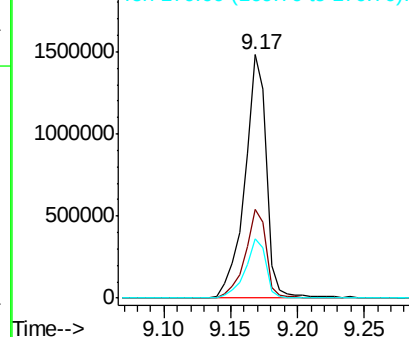


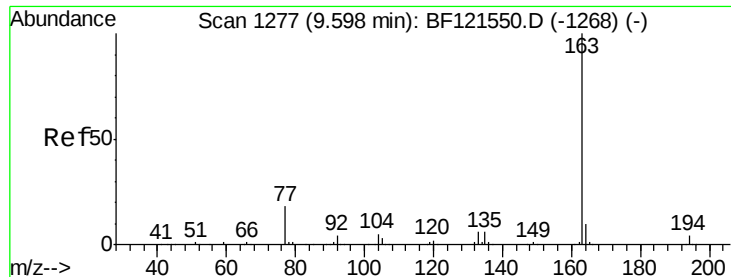
#45
2-Fluorobiphenyl
Concen: 80.216 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF121670.D
Acq: 23 Sep 2020 16:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.3	43.9
170	24.4	19.5	29.3



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





#50

Dimethylphthalate

Concen: 2.604 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.26 min

Lab File: BF121670.D

Acq: 23 Sep 2020 16:31

Instrument :

BNA_F

ClientSampleId :

PB131842TB

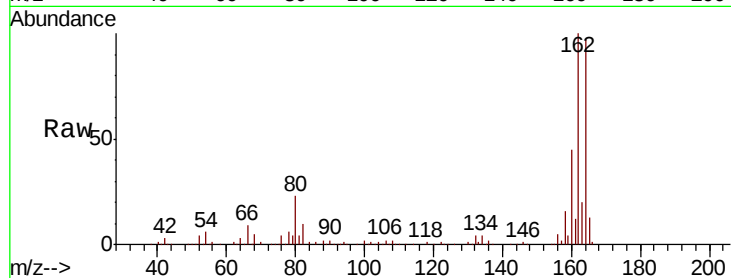
Tot Ion:163 Resp: 59231

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

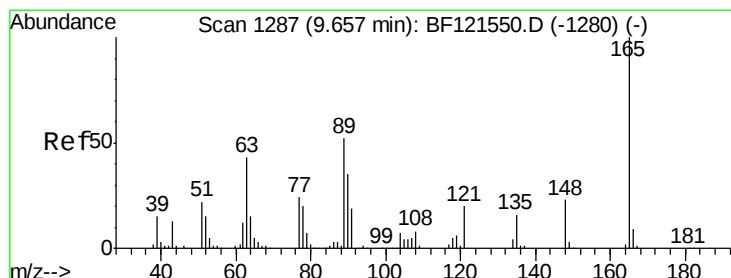
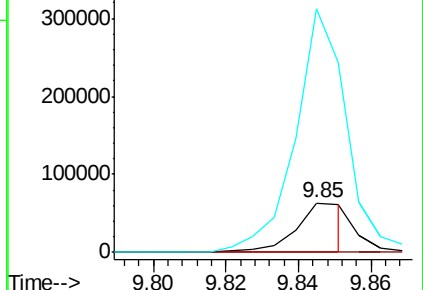
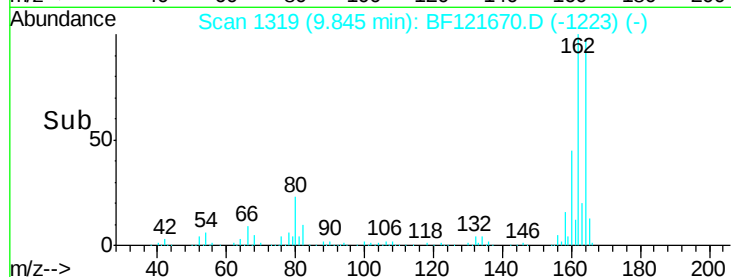
164 490.4 8.0 12.0#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.146 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF121670.D

Acq: 23 Sep 2020 16:31

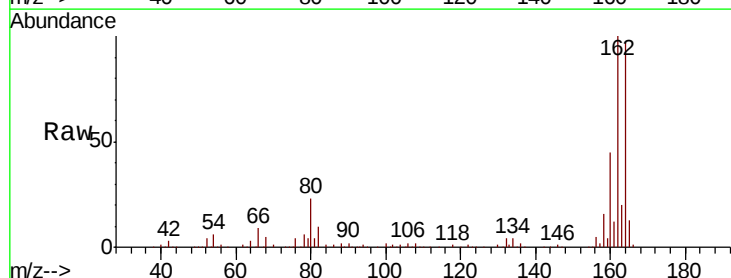
Tgt Ion:165 Resp: 39464

Ion Ratio Lower Upper

165 100

63 1.3 47.6 71.4#

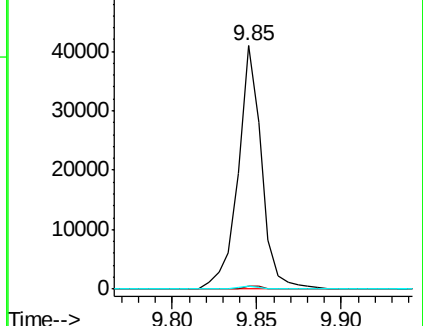
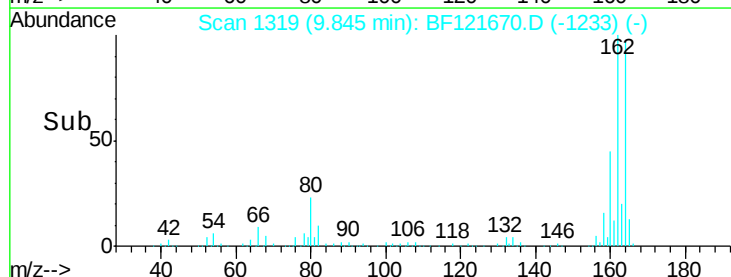
89 1.3 46.0 69.0#



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

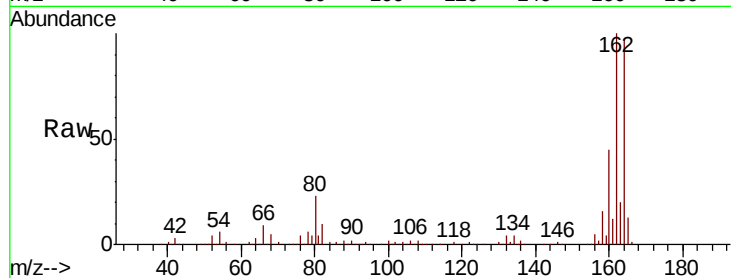




#57
 2,4-Dinitrotoluene
 Concen: 6.475 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF121670.D
 Acq: 23 Sep 2020 16:31

Instrument :
 BNA_F
 ClientSampleId :
 PB131842TB

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.3	57.7	86.5#
182	0.0	2.1	3.1#



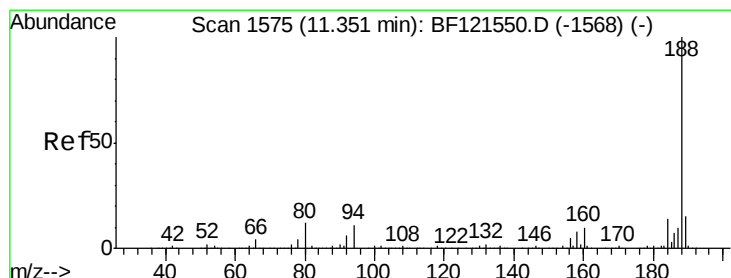
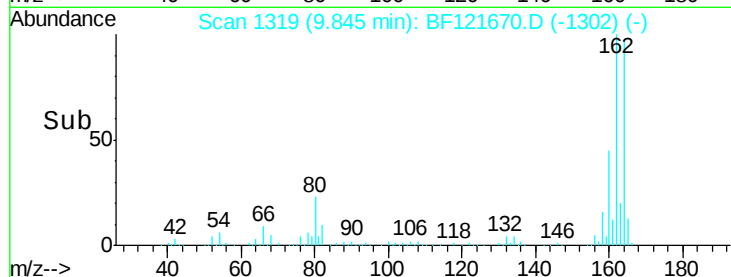
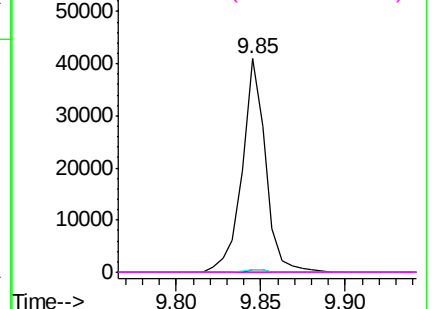
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

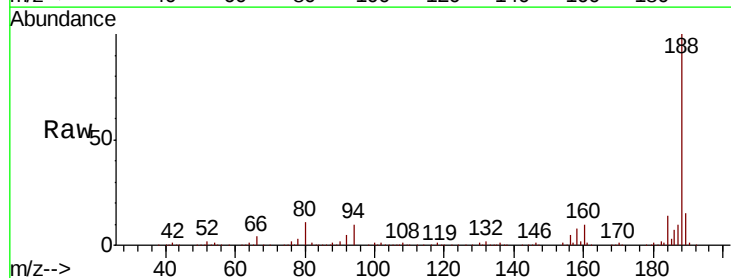
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF121670.D
 Acq: 23 Sep 2020 16:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.4	12.6
80	10.9	9.0	13.4

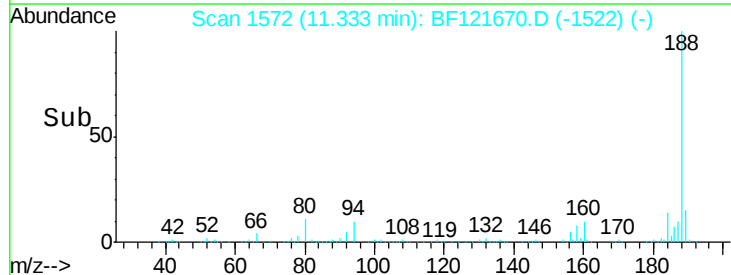
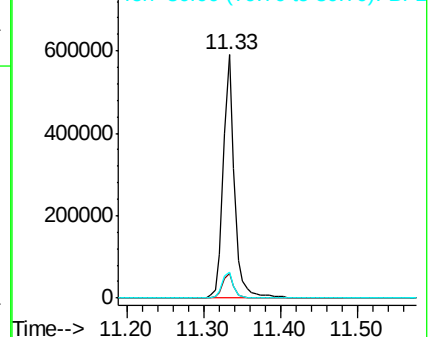


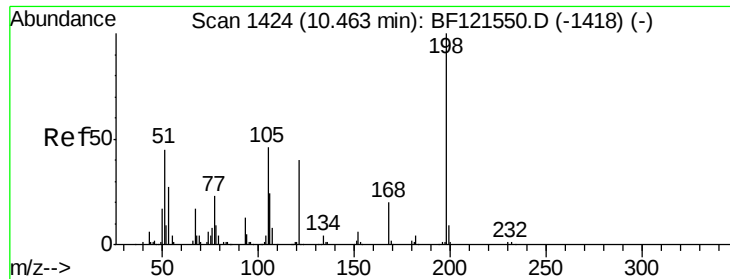
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

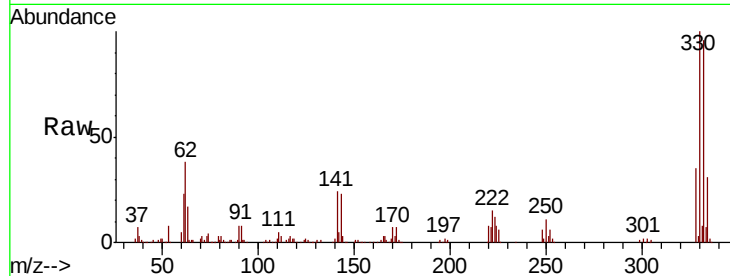




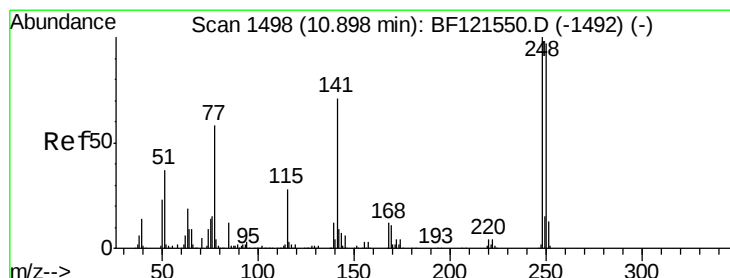
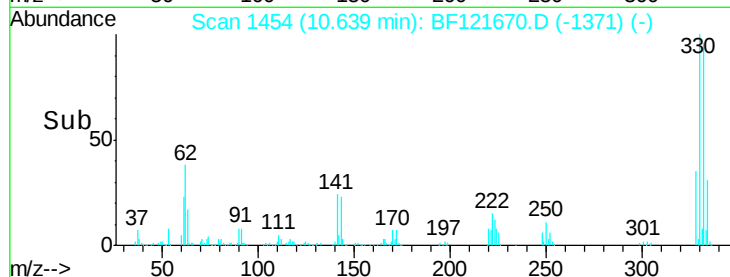
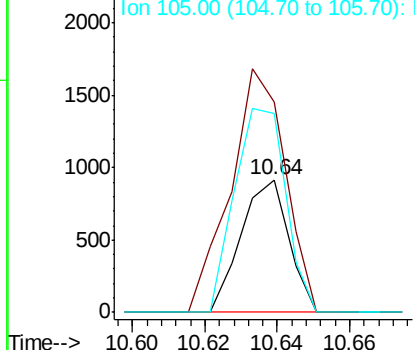
#65
4,6-Dinitro-2-methylphenol
Concen: 7.051 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF121670.D
Acq: 23 Sep 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB131842TB

Tot Ion:198 Resp: 837
Ion Ratio Lower Upper
198 100
51 158.2 20.3 60.3#
105 149.9 20.2 60.2#

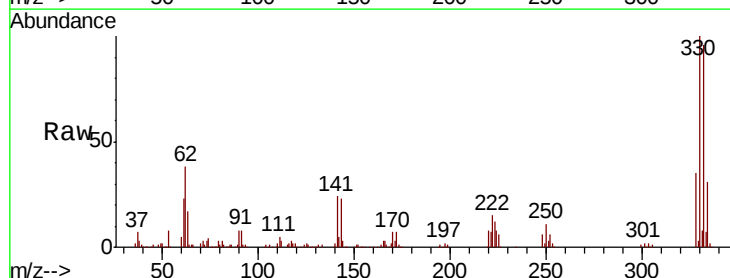


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

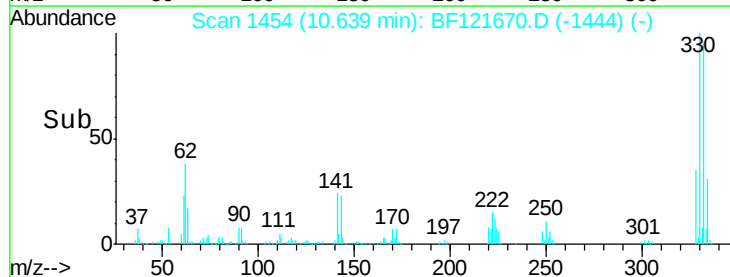
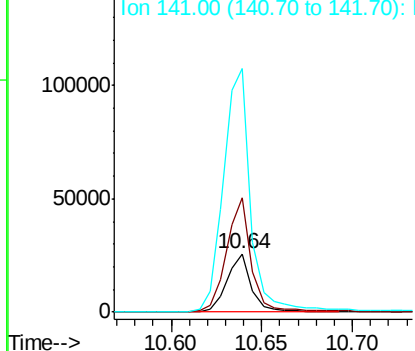


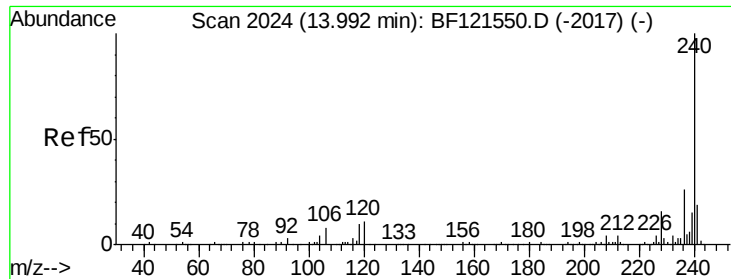
#67
4-Bromophenyl-phenylether
Concen: 3.588 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF121670.D
Acq: 23 Sep 2020 16:31

Tgt Ion:248 Resp: 24017
Ion Ratio Lower Upper
248 100
250 196.3 79.4 119.0#
141 417.0 52.2 78.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

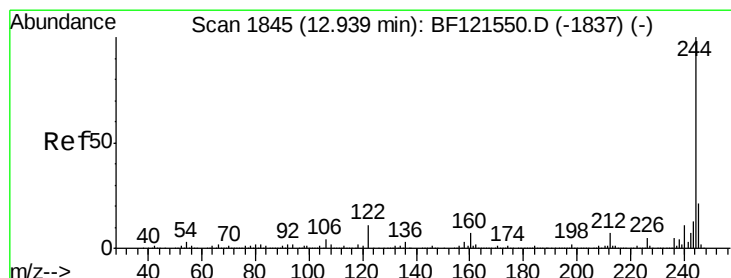
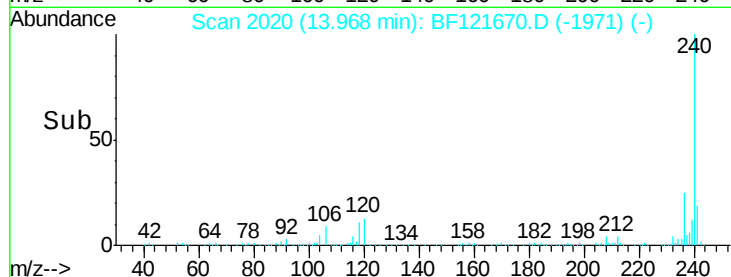
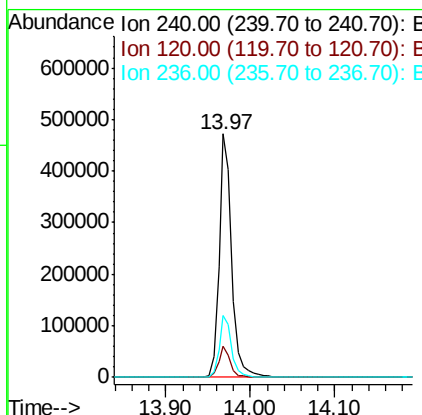
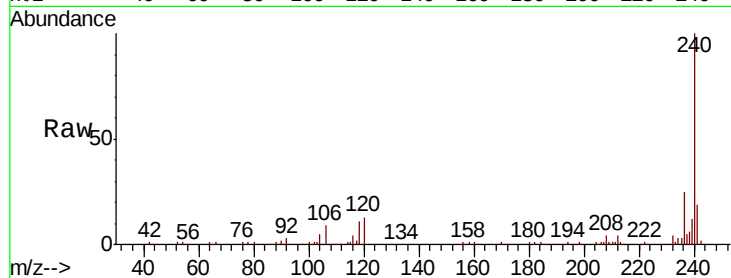




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121670.D
Acq: 23 Sep 2020 16:31

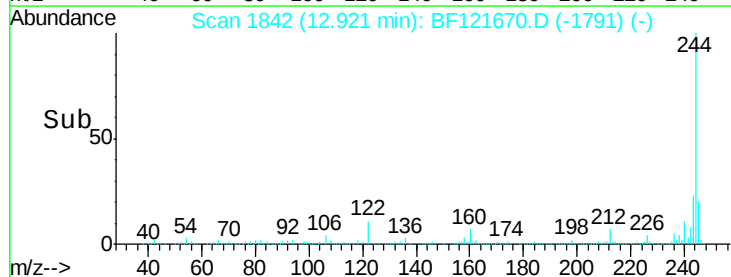
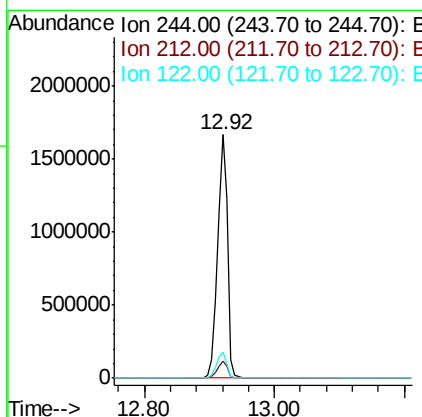
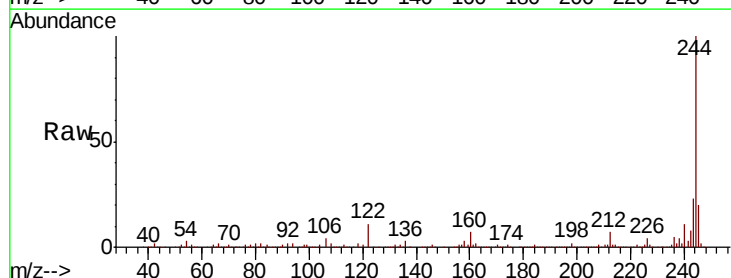
Instrument :
BNA_F
ClientSampleId :
PB131842TB

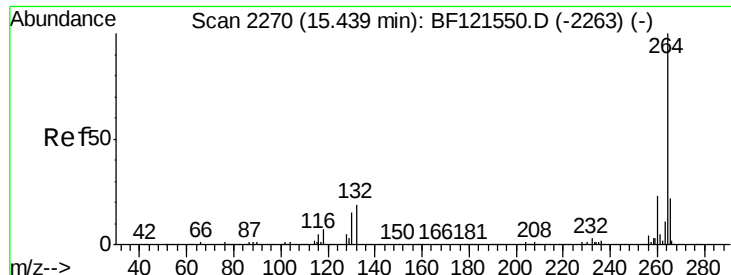
Tot Ion:240 Resp: 488565
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 25.2 20.4 30.6



#79
Terphenyl-d14
Concen: 72.056 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF121670.D
Acq: 23 Sep 2020 16:31

Tgt Ion:244 Resp: 1737693
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 10.8 7.4 11.0

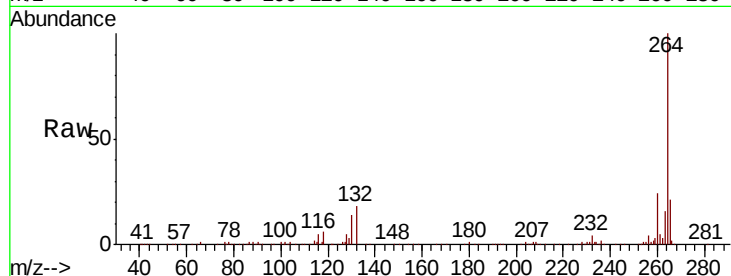




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF121670.D
Acq: 23 Sep 2020 16:31

Instrument :
BNA_F
ClientSampleId :
PB131842TB

Tot Ion:264 Resp: 442052
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 21.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

