

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121570.D
 Acq On : 15 Sep 2020 10:45
 Operator : JU/CG
 Sample : PB131580BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131580BL

Quant Time: Sep 15 11:36:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

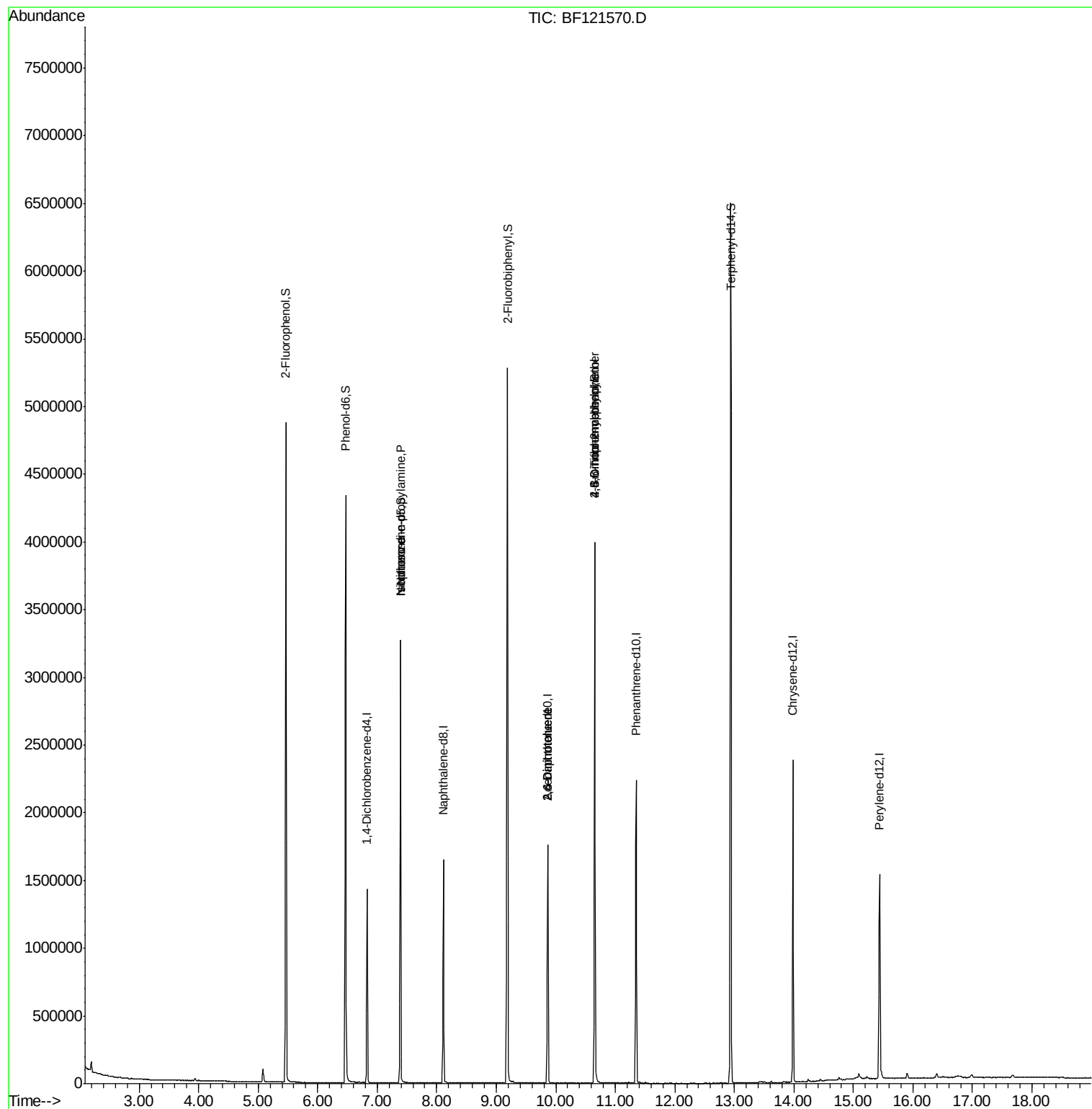
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	214588	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	842851	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	408659	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	835771	20.00	ng	0.00
76) Chrysene-d12	13.99	240	798214	20.00	ng	0.00
86) Perylene-d12	15.44	264	705402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1407646	97.49	ng	0.02
7) Phenol-d6	6.47	99	1799367	94.99	ng	0.00
23) Nitrobenzene-d5	7.39	82	1254605	79.92	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	547498	107.79	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2083101	77.20	ng	0.00
79) Terphenyl-d14	12.94	244	2336265	59.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	167333	15.327	ng	# 79
25) Isophorone	7.39	82	1246269	39.439	ng	# 66
51) 2,6-Dinitrotoluene	9.86	165	51800	8.212	ng	# 28
57) 2,4-Dinitrotoluene	9.86	165	51800	6.527	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.66	198	949	7.011	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	31982	3.361	ng	# 1

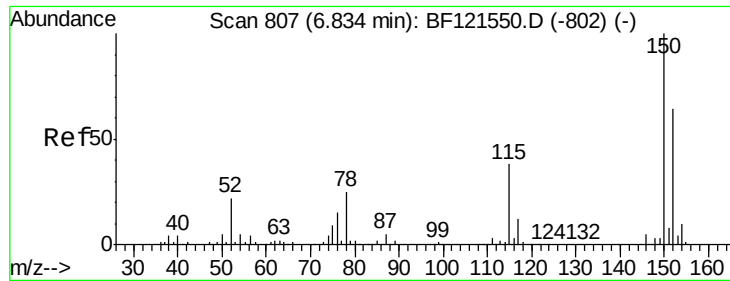
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121570.D
Acq On : 15 Sep 2020 10:45
Operator : JU/CG
Sample : PB131580BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB131580BL

Quant Time: Sep 15 11:36:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration



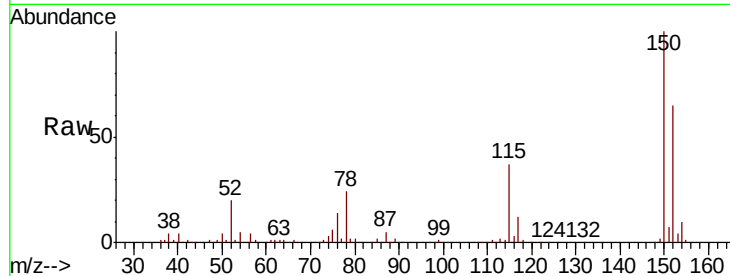


#1

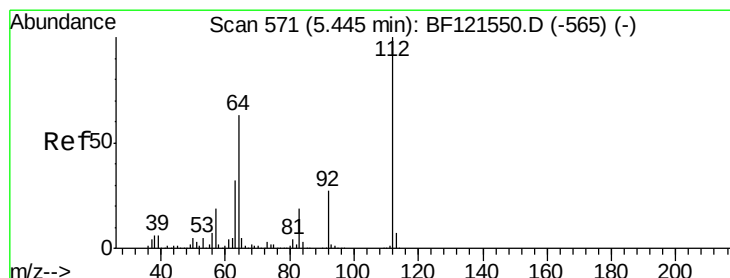
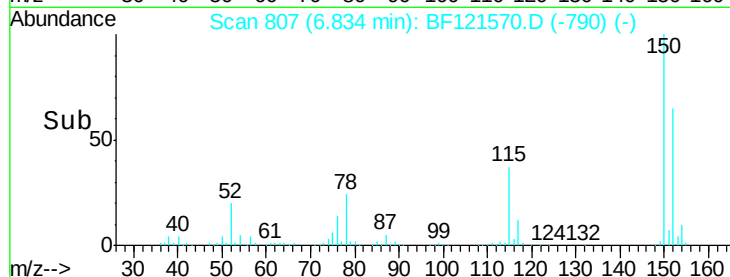
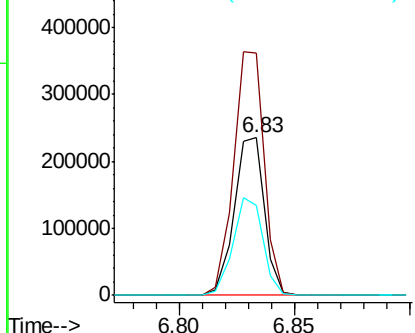
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121570.D
Acq: 15 Sep 2020 10:45

Instrument :
BNA_F
ClientSampleId :
PB131580BL

Tot Ion:152 Resp: 214588
Ion Ratio Lower Upper
152 100
150 153.4 125.8 188.6
115 57.3 47.8 71.8



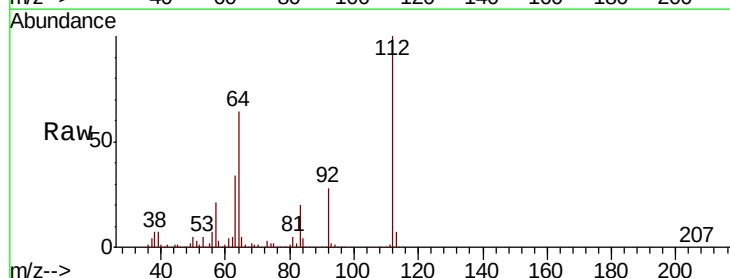
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



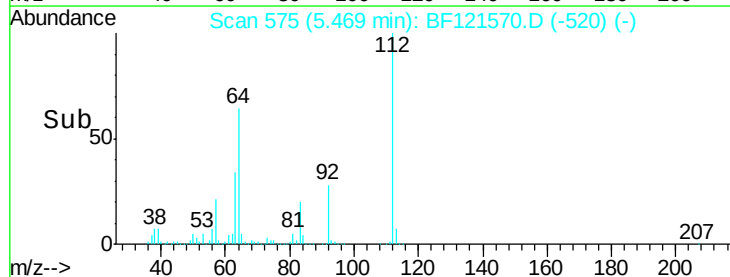
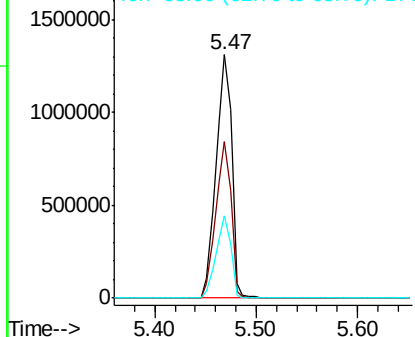
#5

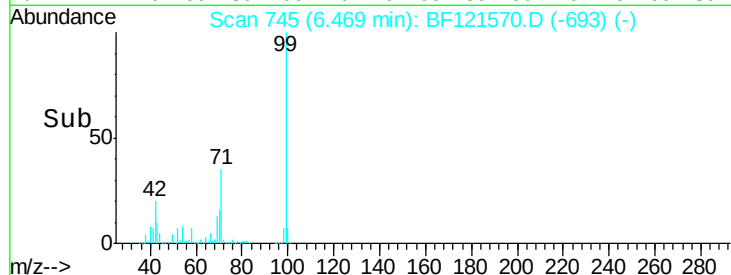
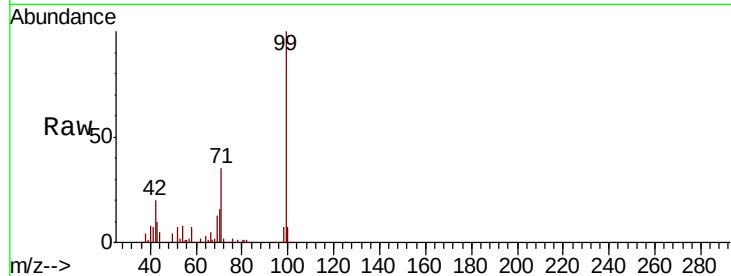
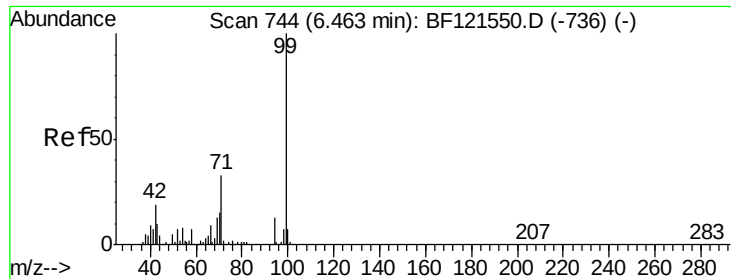
2-Fluorophenol
Concen: 97.486 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF121570.D
Acq: 15 Sep 2020 10:45

Tgt Ion:112 Resp: 1407646
Ion Ratio Lower Upper
112 100
64 64.5 50.3 75.5
63 33.6 25.6 38.4



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: 94.985 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121570.D

Acq: 15 Sep 2020 10:45

Instrument :

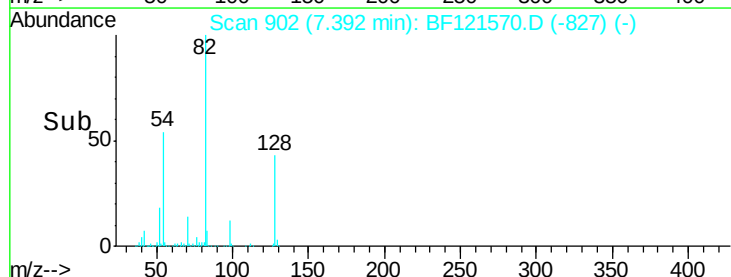
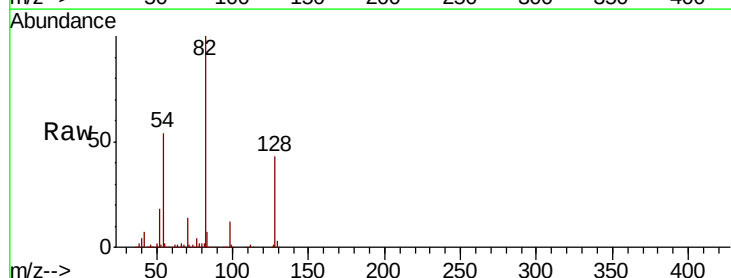
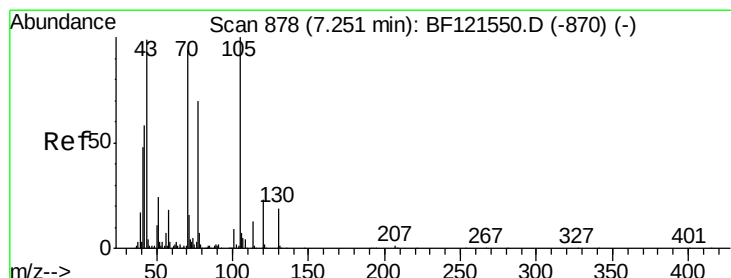
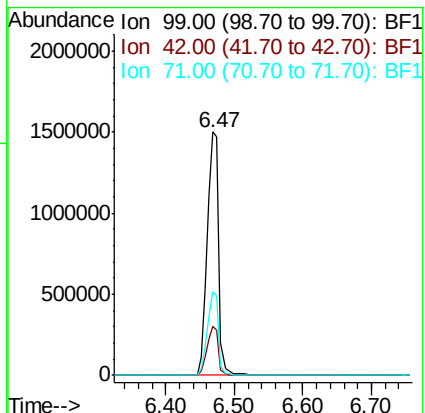
BNA_F

ClientSampleId :

PB131580BL

Tot Ion: 99 Resp: 1799367

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.5	23.3
71	34.5	26.1	39.1



#19

n-Nitroso-di-n-propylamine

Concen: 15.327 ng

RT: 7.39 min Scan# 902

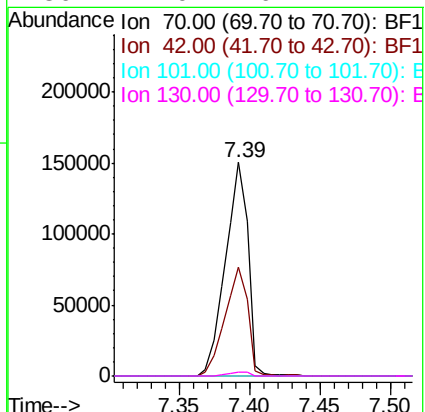
Delta R.T. 0.14 min

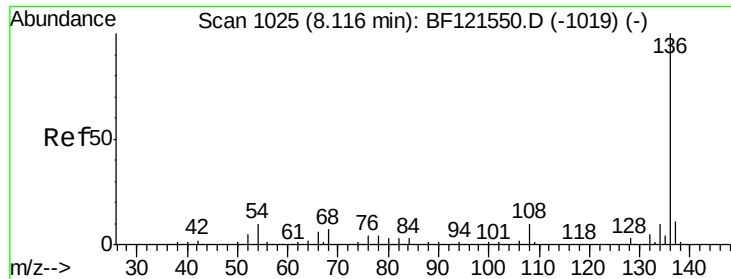
Lab File: BF121570.D

Acq: 15 Sep 2020 10:45

Tgt Ion: 70 Resp: 167333

Ion	Ratio	Lower	Upper
70	100		
42	50.7	49.4	74.2
101	0.0	7.6	11.4#
130	2.0	16.2	24.4#

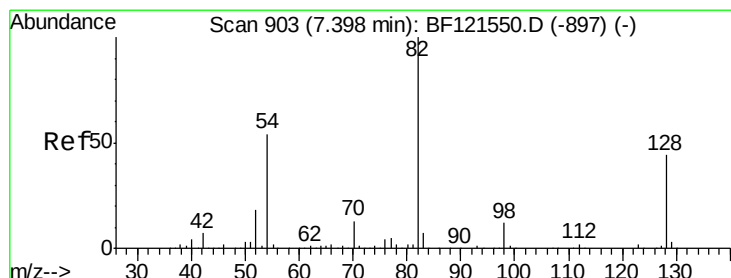
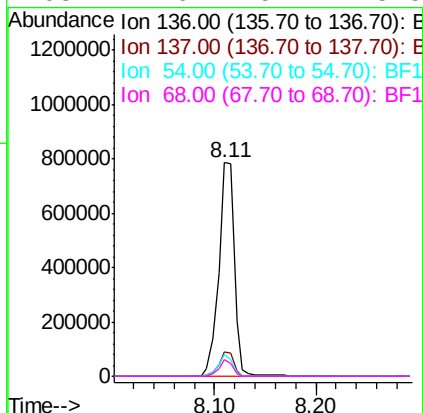
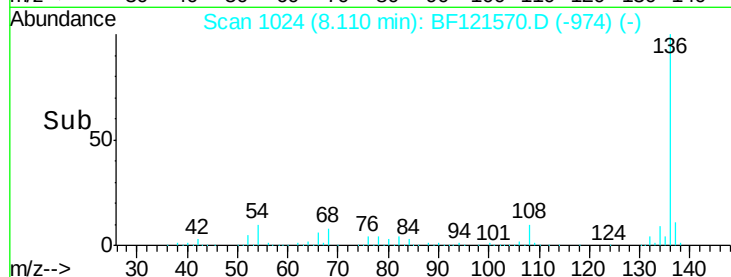
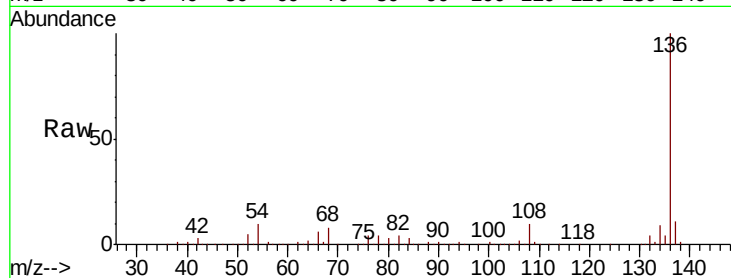




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF121570.D
Acq: 15 Sep 2020 10:45

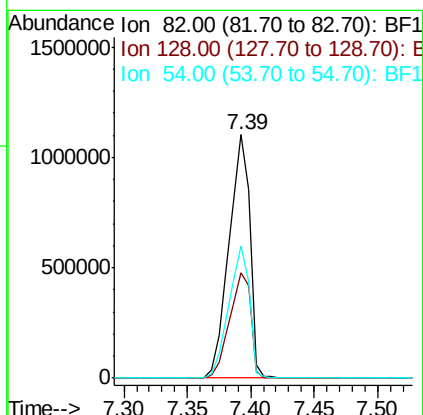
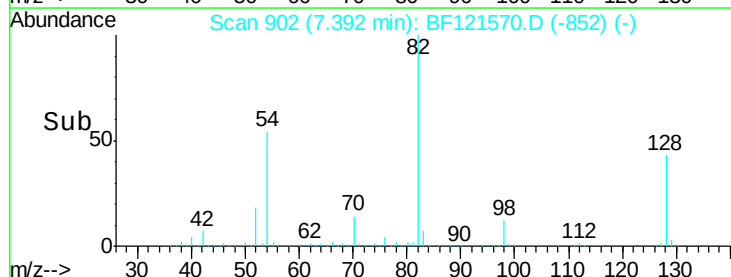
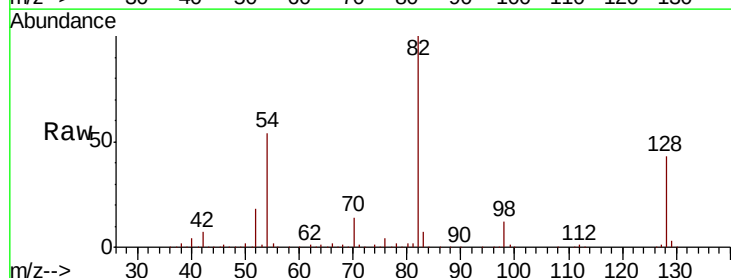
Instrument :
BNA_F
ClientSampleId :
PB131580BL

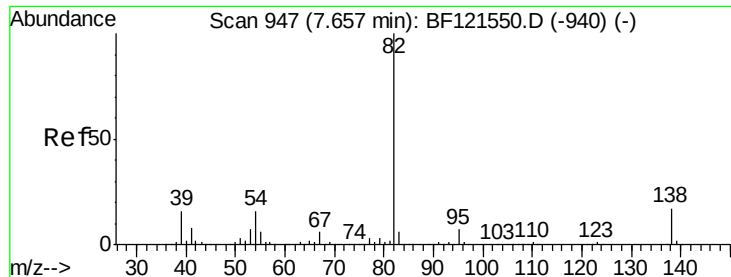
Tot Ion:136	Resp:	842851	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	9.0	13.6	
54 10.1	7.6	11.4	
68 7.6	5.7	8.5	



#23
Nitrobenzene-d5
Concen: 79.922 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF121570.D
Acq: 15 Sep 2020 10:45

Tgt Ion: 82	Resp: 1254605
Ion Ratio	Lower Upper
82 100	
128 43.3	35.1 52.7
54 54.4	43.0 64.6





#25

Isophorone

Concen: 39.439 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF121570.D

Acq: 15 Sep 2020 10:45

Instrument :

BNA_F

ClientSampled :

PB131580BL

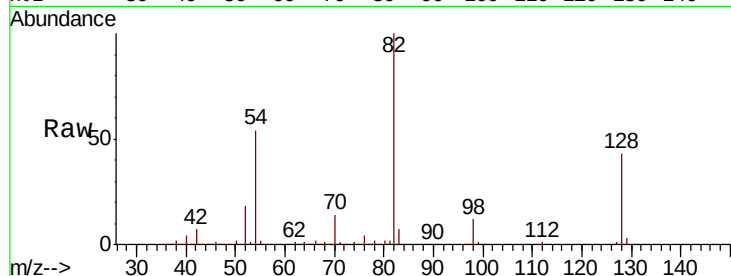
Tot Ion: 82 Resp: 1246269

Ion Ratio Lower Upper

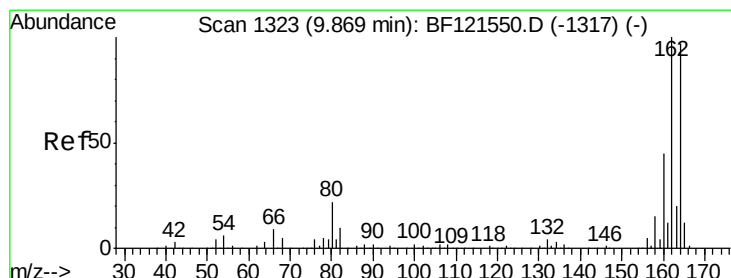
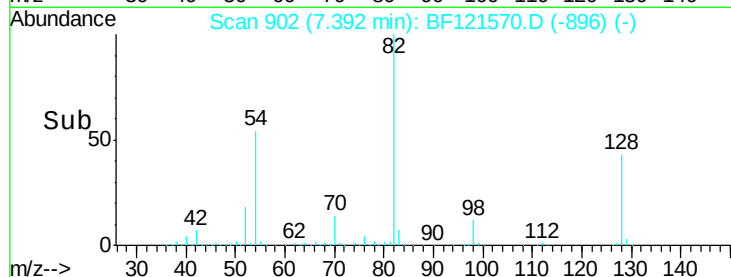
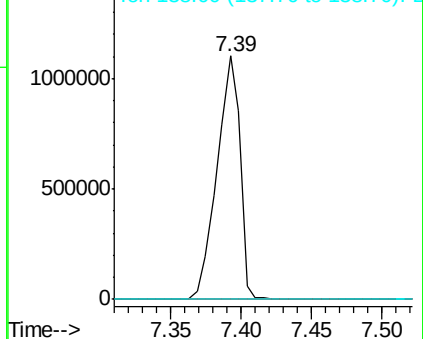
82 100

95 0.0 5.3 7.9#

138 0.0 13.7 20.5#



Abundance Ion 82.00 (81.70 to 82.70): BF1
1500000
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: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF121570.D

Acq: 15 Sep 2020 10:45

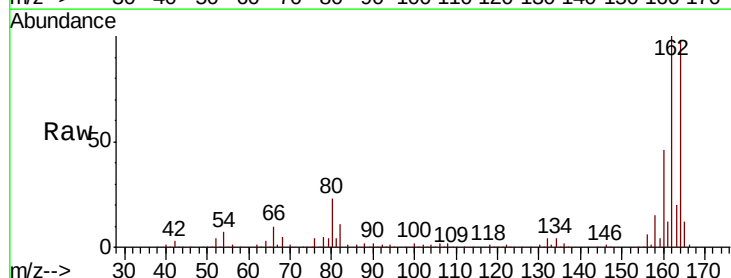
Tgt Ion: 164 Resp: 408659

Ion Ratio Lower Upper

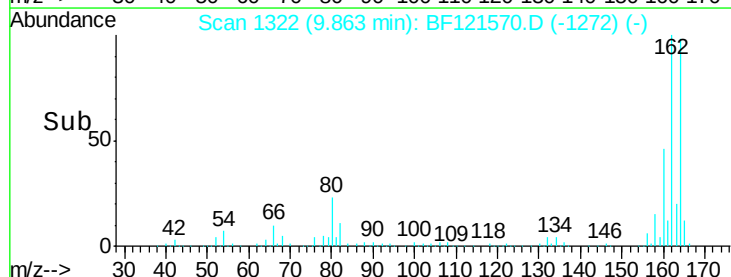
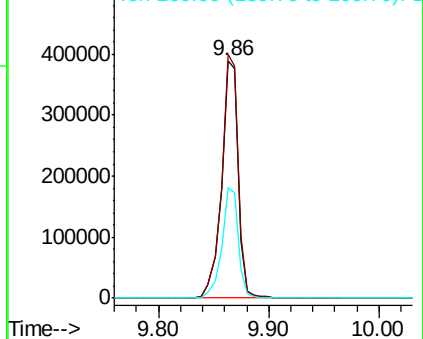
164 100

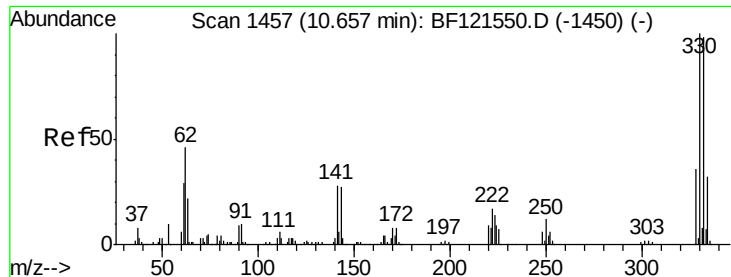
162 102.4 82.3 123.5

160 46.7 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E
500000
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

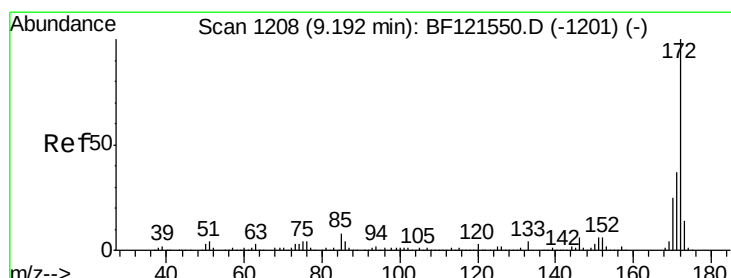
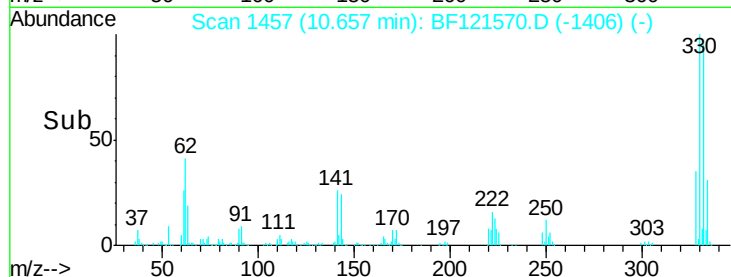
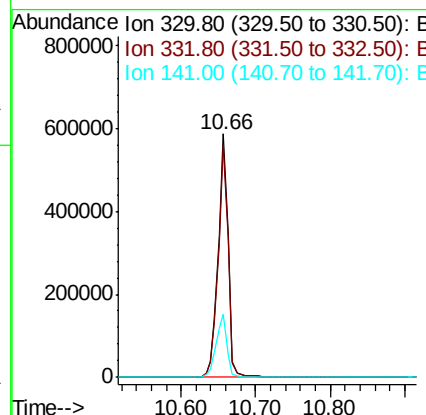
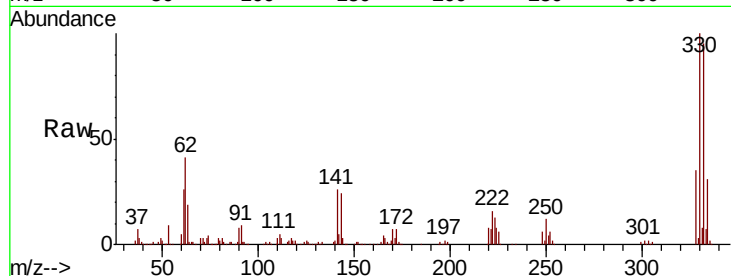




#42
 2,4,6-Tribromophenol
 Concen: 107.795 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BF121570.D
 Acq: 15 Sep 2020 10:45

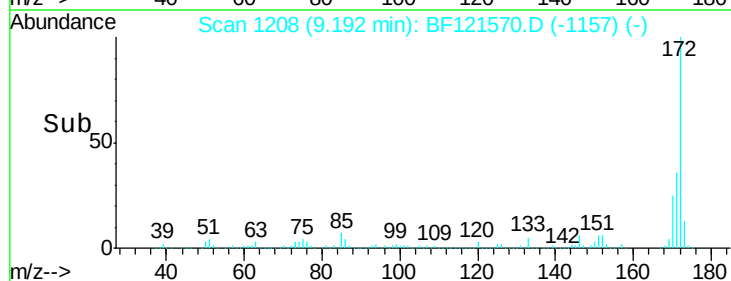
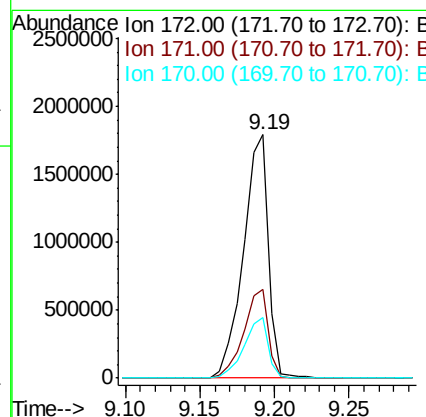
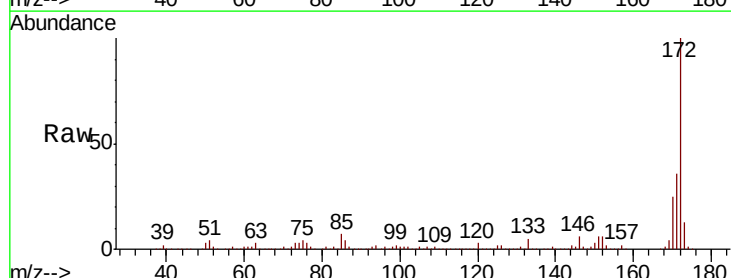
Instrument :
 BNA_F
 ClientSampleId :
 PB131580BL

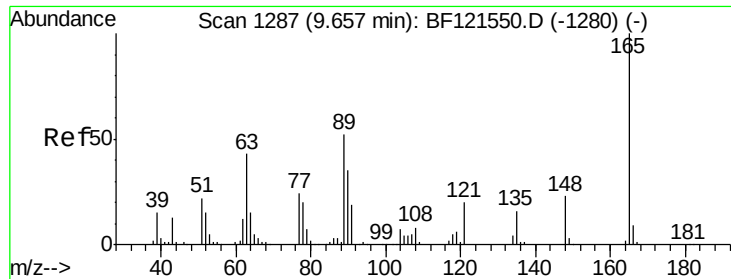
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.1	115.7
141	27.8	23.6	35.4



#45
 2-Fluorobiphenyl
 Concen: 77.202 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF121570.D
 Acq: 15 Sep 2020 10:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.8	44.6
170	24.7	19.8	29.8

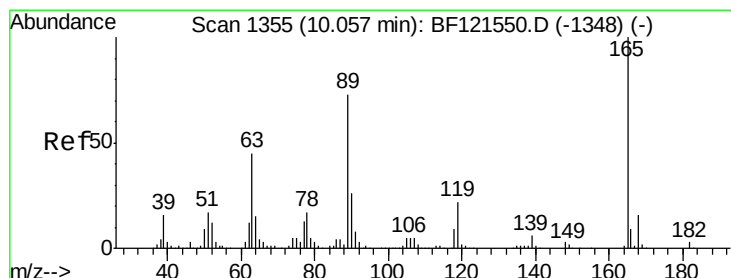
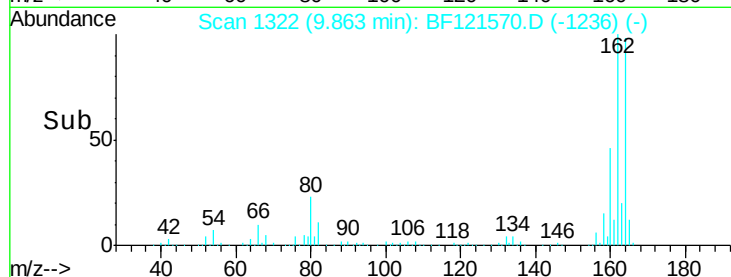
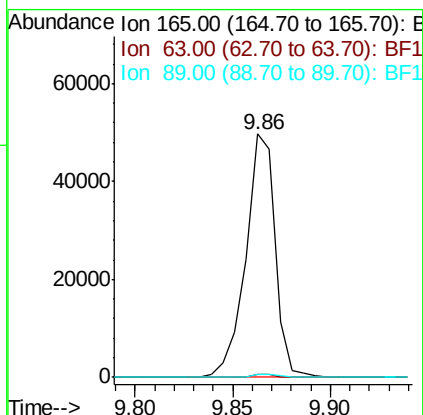
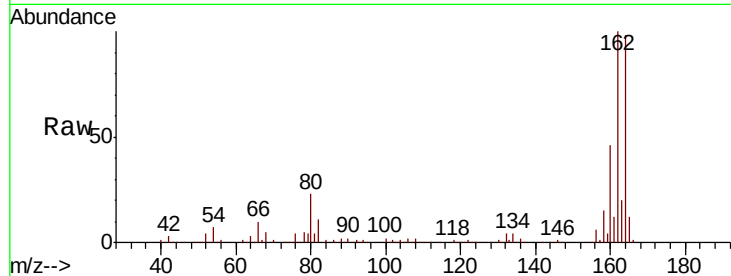




#51
 2,6-Dinitrotoluene
 Concen: 8.212 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. 0.21 min
 Lab File: BF121570.D
 Acq: 15 Sep 2020 10:45

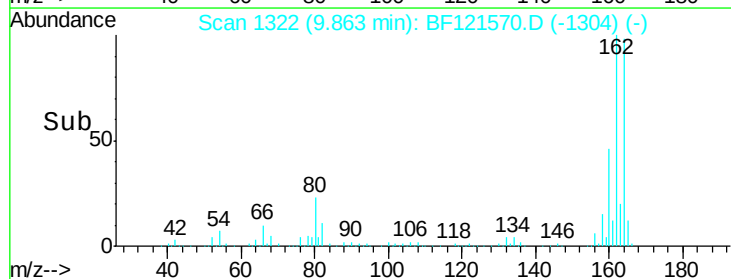
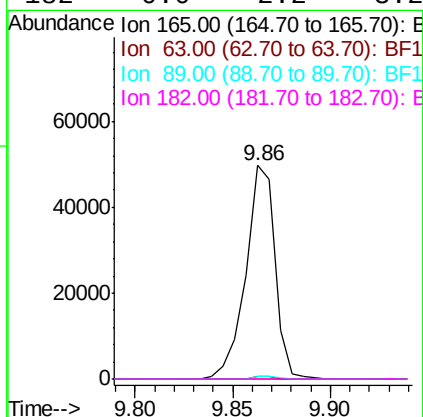
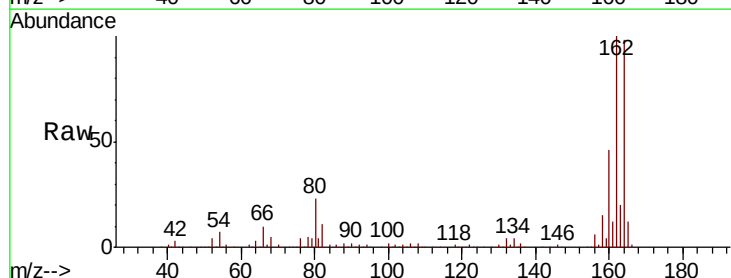
Instrument :
 BNA_F
 ClientSampleId :
 PB131580BL

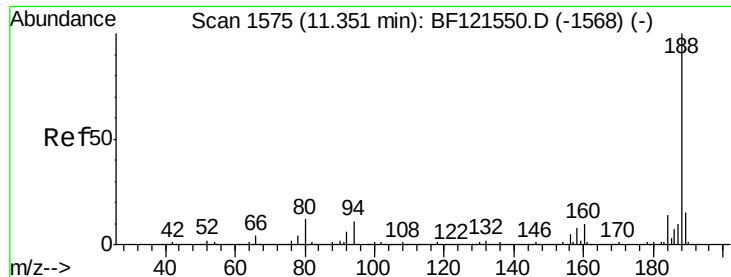
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.6	61.0#
89	1.2	41.8	62.8#



#57
 2,4-Dinitrotoluene
 Concen: 6.527 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.19 min
 Lab File: BF121570.D
 Acq: 15 Sep 2020 10:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.2	54.4#
89	1.2	58.2	87.4#
182	0.0	2.2	3.2#

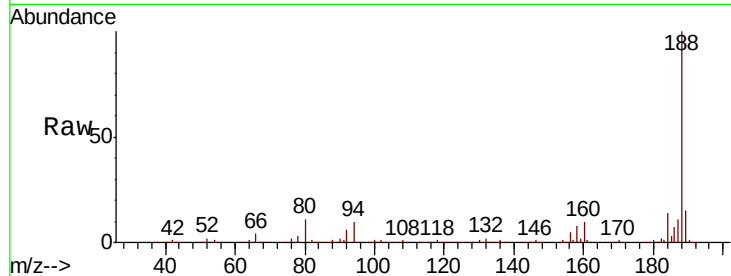




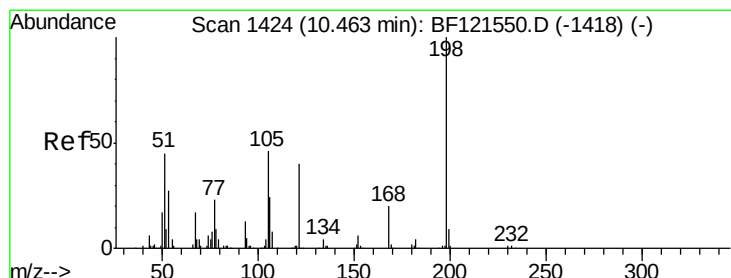
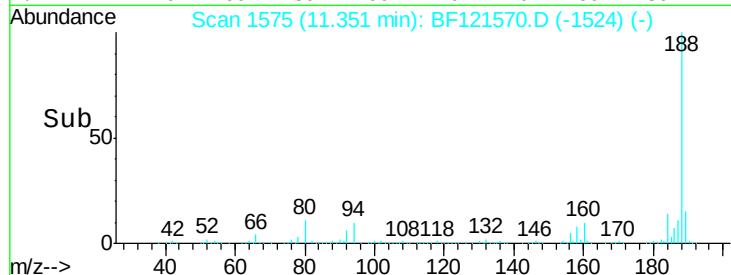
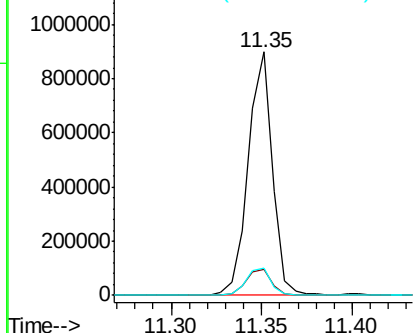
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF121570.D
 Acq: 15 Sep 2020 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB131580BL

Tot Ion:188 Resp: 835771
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.7 13.1
 80 11.4 9.3 13.9

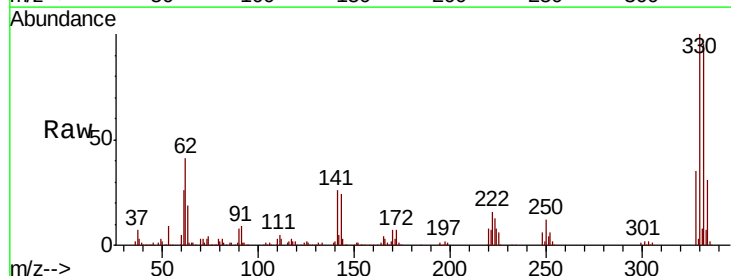


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

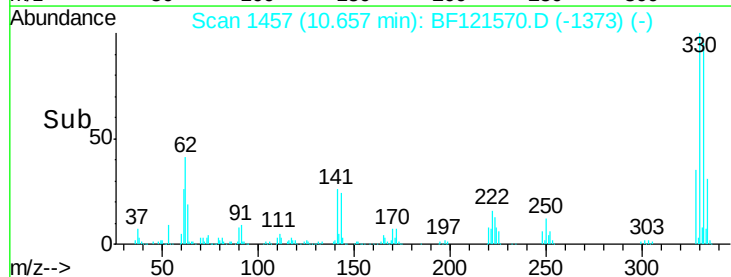
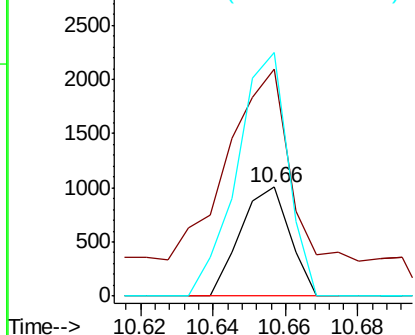


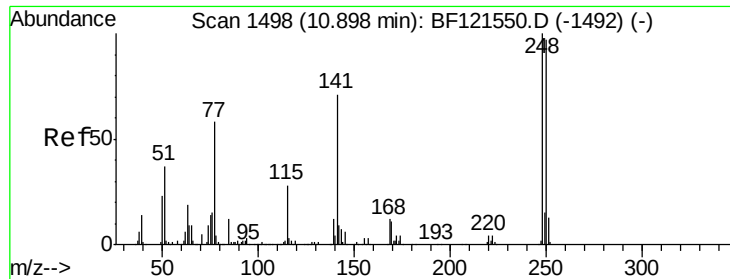
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.011 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.19 min
 Lab File: BF121570.D
 Acq: 15 Sep 2020 10:45

Tgt Ion:198 Resp: 949
 Ion Ratio Lower Upper
 198 100
 51 207.9 31.1 71.1#
 105 223.1 26.6 66.6#



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

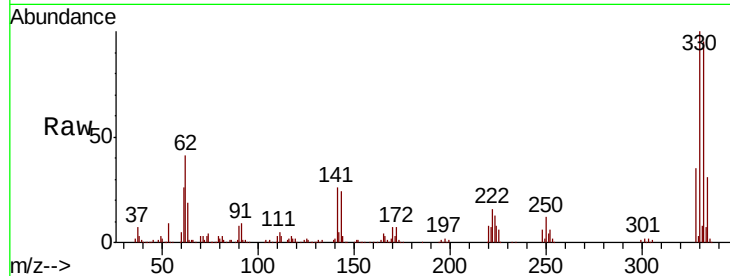




#67
 4-Bromophenyl-phenylether
 Concen: 3.361 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.24 min
 Lab File: BF121570.D
 Acq: 15 Sep 2020 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB131580BL

Tot Ion	Ratio	Lower	Upper
248	100		
250	200.3	77.4	116.0#
141	432.3	56.7	85.1#

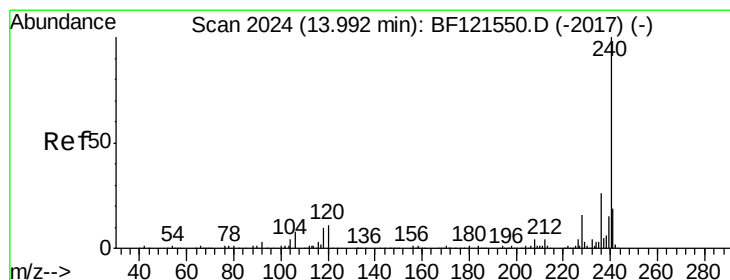
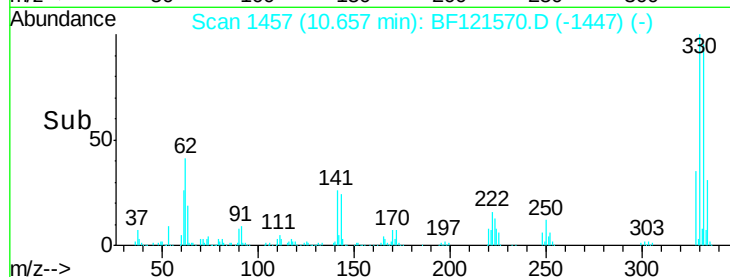
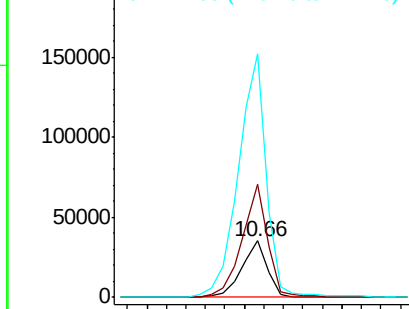


Abundance

Ion 248.00 (247.70 to 248.70): E

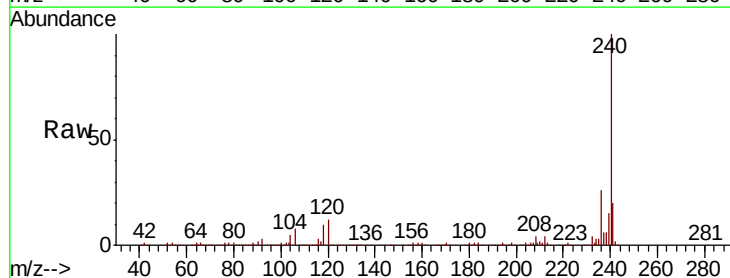
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF121570.D
 Acq: 15 Sep 2020 10:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.2	13.8
236	26.0	20.5	30.7

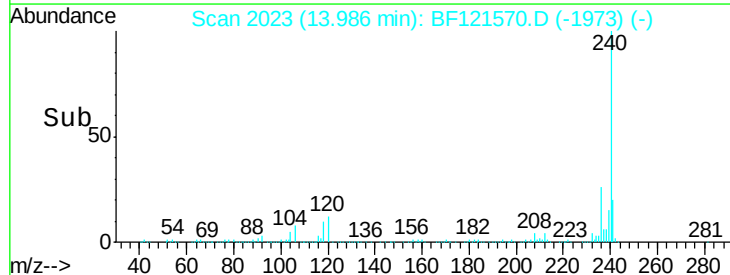
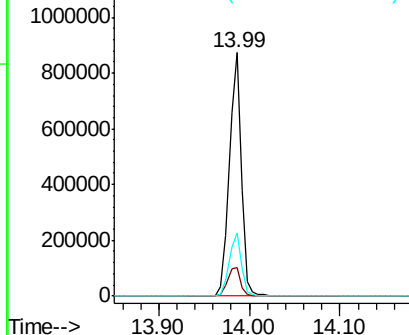


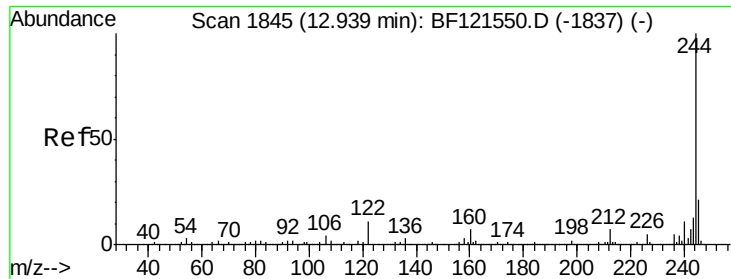
Abundance

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: 59.295 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF121570.D

Acq: 15 Sep 2020 10:45

Instrument :

BNA_F

ClientSampleId :

PB131580BL

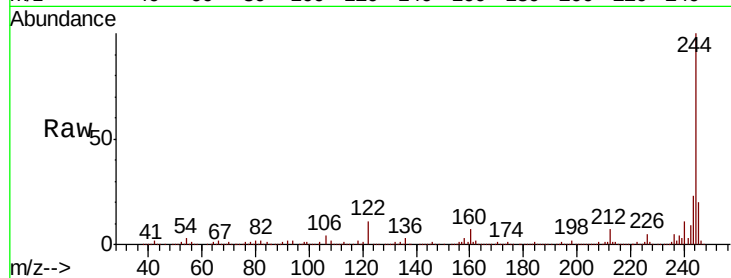
Tot Ion:244 Resp: 2336265

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

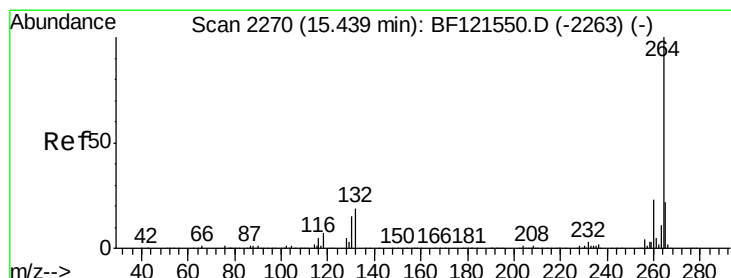
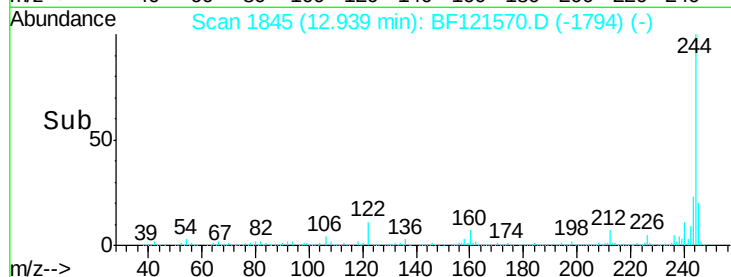
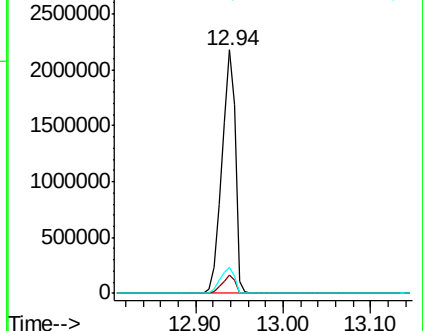
122 10.7 8.7 13.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF121570.D

Acq: 15 Sep 2020 10:45

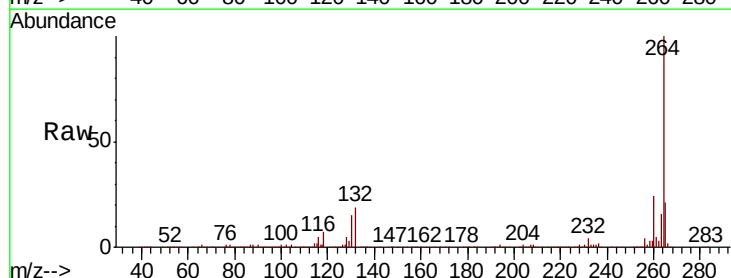
Tgt Ion:264 Resp: 705402

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 21.3 17.8 26.6



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

