

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121628.D
 Acq On : 21 Sep 2020 16:02
 Operator : JU/CG
 Sample : L4076-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-ROC

Quant Time: Sep 21 16:35:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

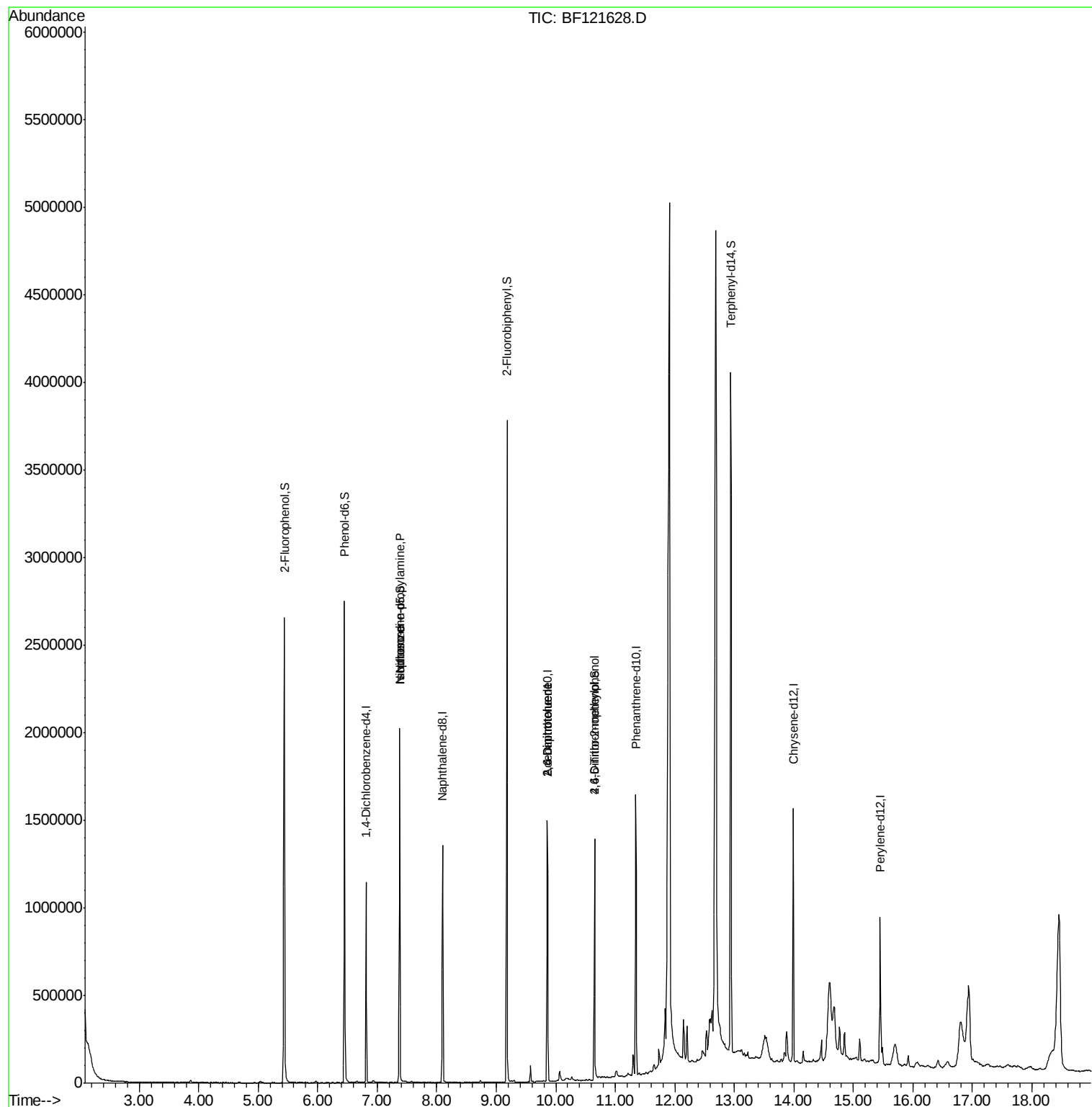
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	150148	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	592977	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	302851	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	577307	20.00	ng	0.00
76) Chrysene-d12	13.99	240	484462	20.00	ng	0.00
86) Perylene-d12	15.45	264	385753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	788607	78.05	ng	0.00
7) Phenol-d6	6.45	99	1001928	75.59	ng	-0.01
23) Nitrobenzene-d5	7.38	82	687137	62.22	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	186515	49.55	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1213890	60.71	ng	0.00
79) Terphenyl-d14	12.94	244	1295361	54.17	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	92501	12.109	ng	# 79
25) Isophorone	7.38	82	684081	30.770	ng	# 67
51) 2,6-Dinitrotoluene	9.86	165	39361	8.420	ng	# 23
57) 2,4-Dinitrotoluene	9.86	165	39361	6.693	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.65	198	311	6.927	ng	# 1

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

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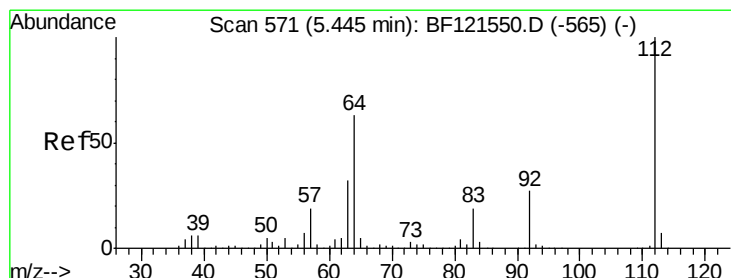
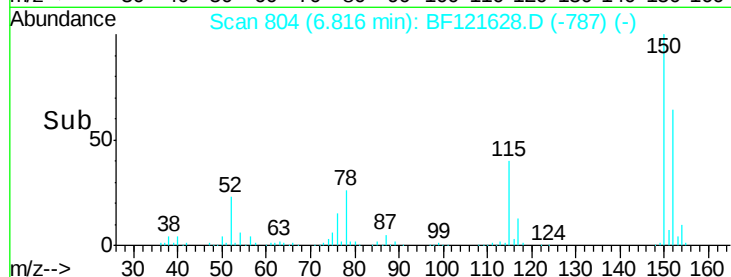
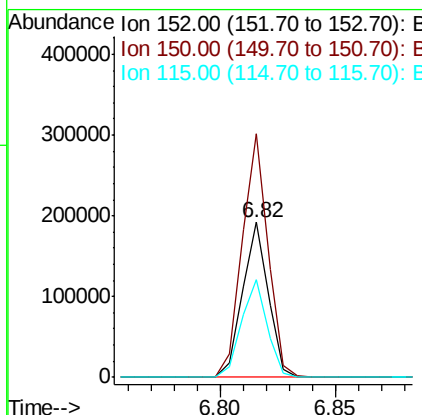
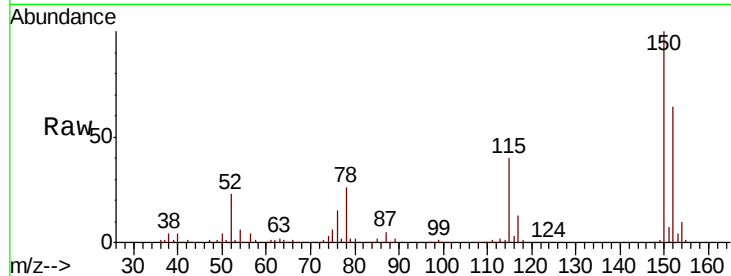


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121628.D
Acq: 21 Sep 2020 16:02

Instrument :
BNA_F
ClientSampleId :
TS-ROC

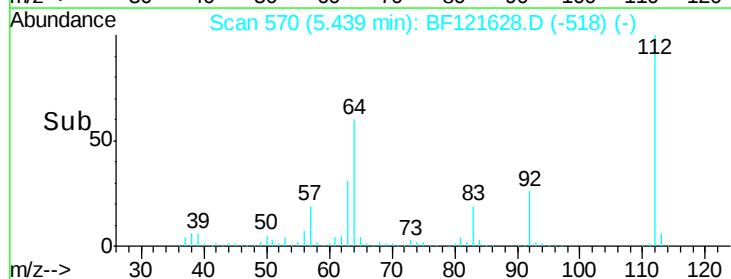
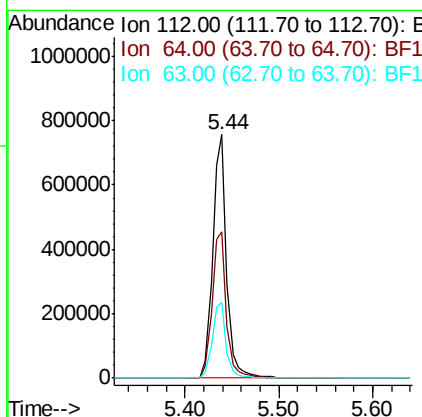
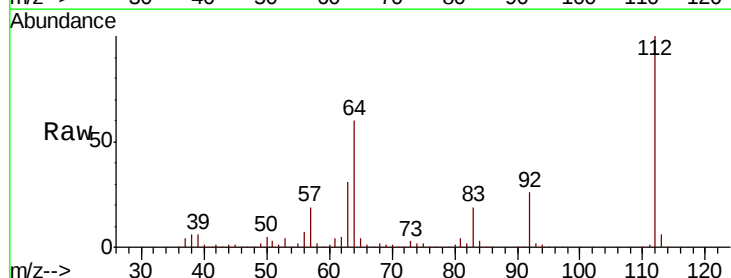
Tot Ion:152 Resp: 150148
Ion Ratio Lower Upper
152 100
150 156.9 128.1 192.1
115 62.8 52.6 79.0

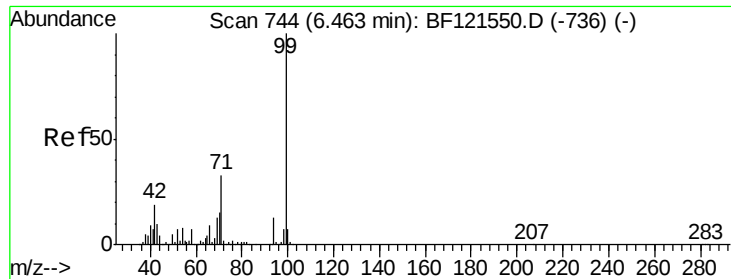


#5

2-Fluorophenol
Concen: 78.054 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF121628.D
Acq: 21 Sep 2020 16:02

Tgt Ion:112 Resp: 788607
Ion Ratio Lower Upper
112 100
64 60.3 52.2 78.2
63 31.2 26.6 39.8





#7

Phenol-d6

Concen: 75.589 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF121628.D

Acq: 21 Sep 2020 16:02

Instrument :

BNA_F

ClientSampleId :

TS-ROC

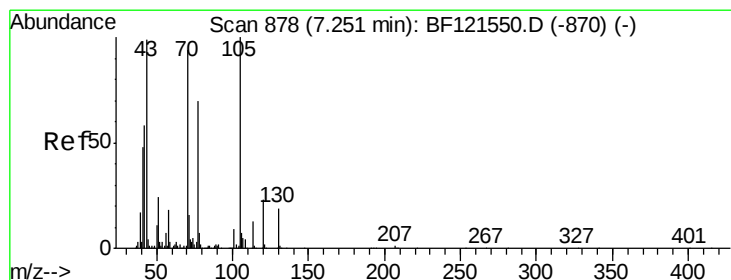
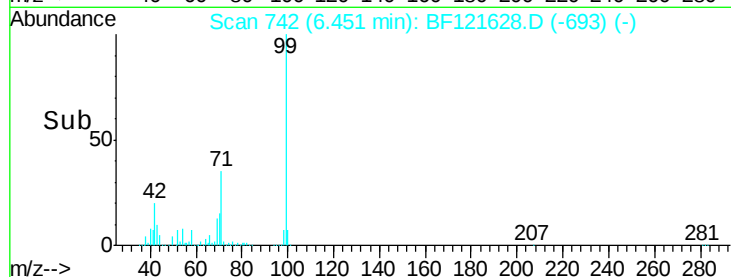
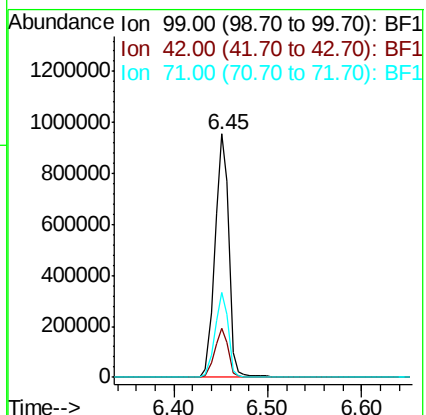
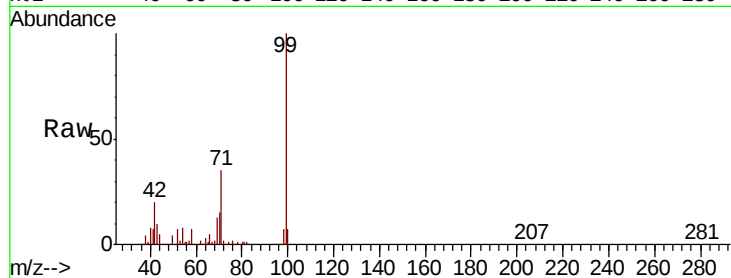
Tot Ion: 99 Resp: 1001928

Ion Ratio Lower Upper

99 100

42 20.3 15.5 23.3

71 34.7 27.4 41.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.109 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.14 min

Lab File: BF121628.D

Acq: 21 Sep 2020 16:02

Tgt Ion: 70 Resp: 92501

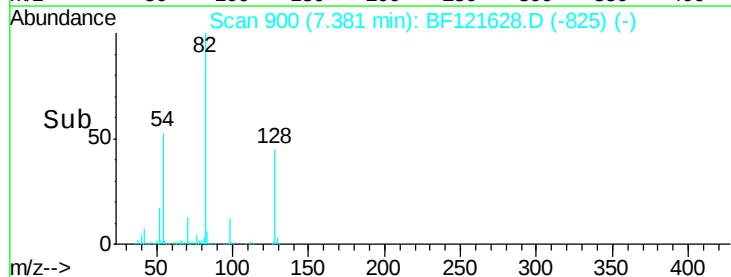
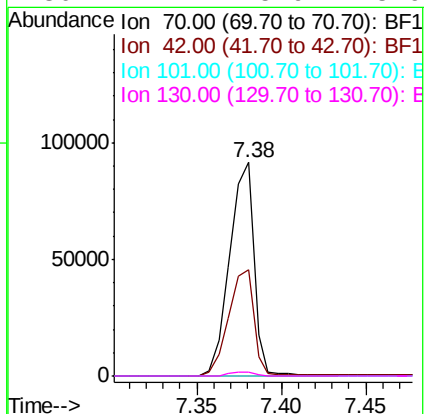
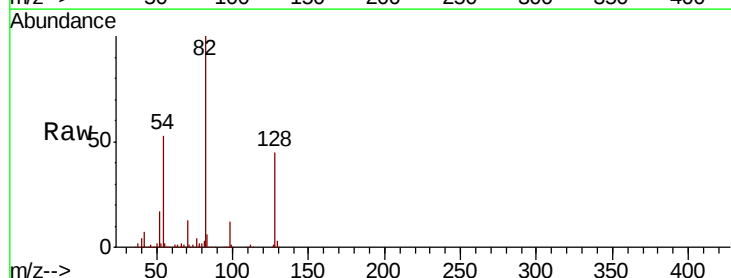
Ion Ratio Lower Upper

70 100

42 49.9 48.3 72.5

101 0.0 7.6 11.4#

130 2.1 15.9 23.9#

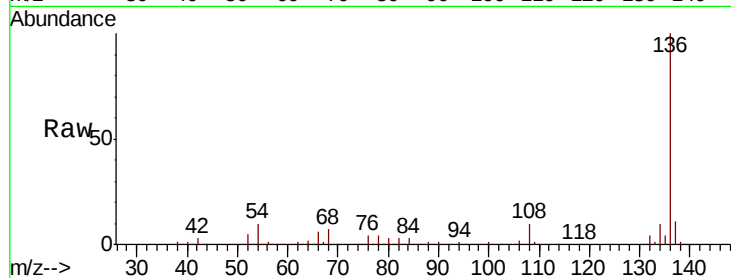




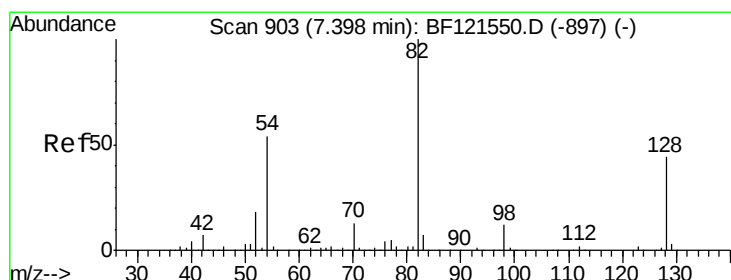
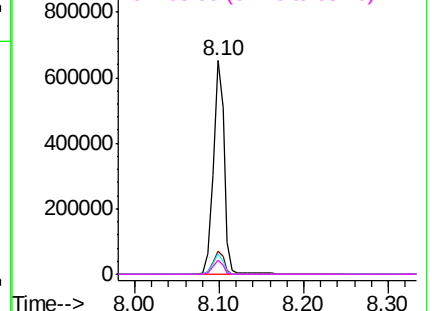
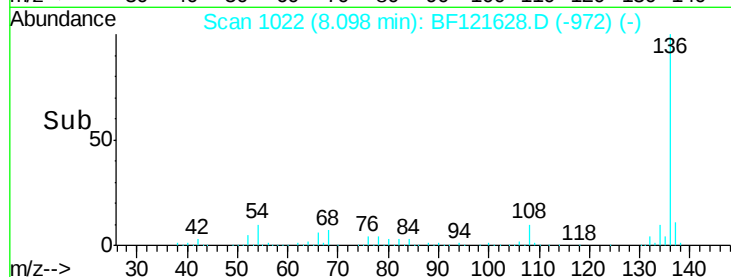
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF121628.D
Acq: 21 Sep 2020 16:02

Instrument :
BNA_F
ClientSampleId :
TS-ROC

Tot Ion:136	Resp:	592977
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.9 13.3
54	9.6	7.4 11.0
68	6.8	5.3 7.9

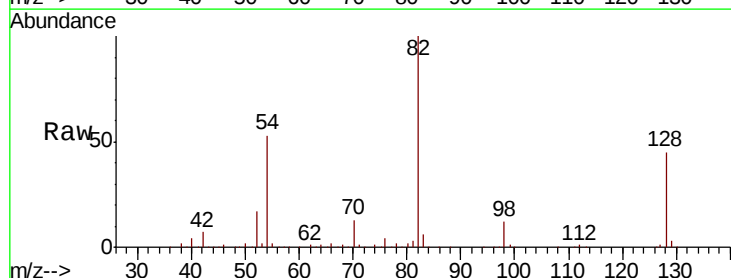


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

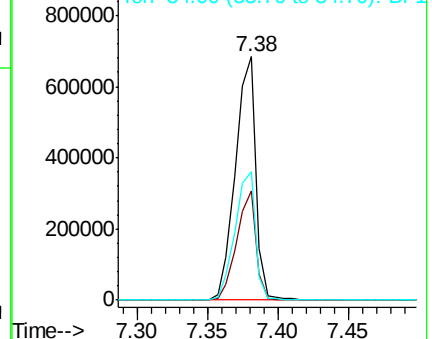
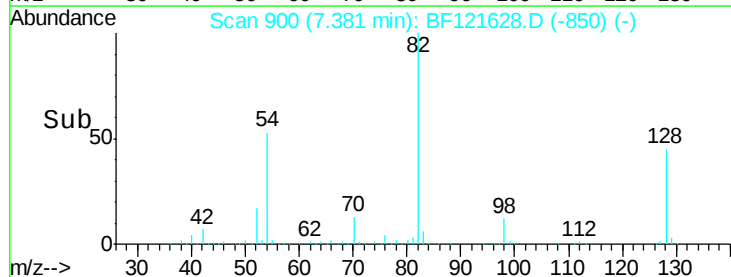


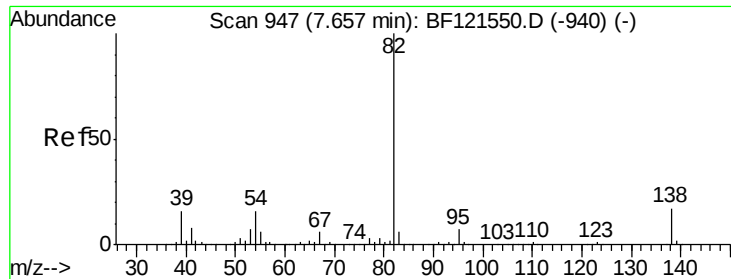
#23
Nitrobenzene-d5
Concen: 62.218 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF121628.D
Acq: 21 Sep 2020 16:02

Tgt Ion: 82	Resp:	687137
Ion	Ratio	Lower Upper
82	100	
128	44.7	33.9 50.9
54	52.8	42.9 64.3



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: 30.770 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF121628.D

Acq: 21 Sep 2020 16:02

Instrument :

BNA_F

ClientSampleId :

TS-ROC

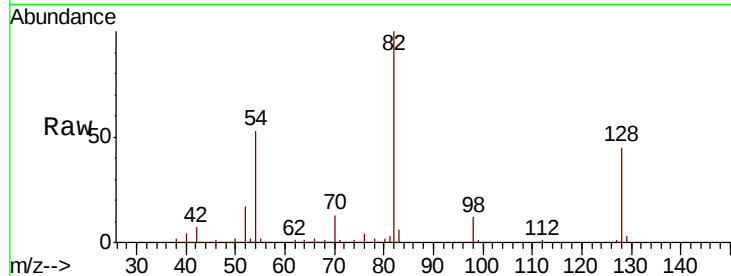
Tot Ion: 82 Resp: 684081

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

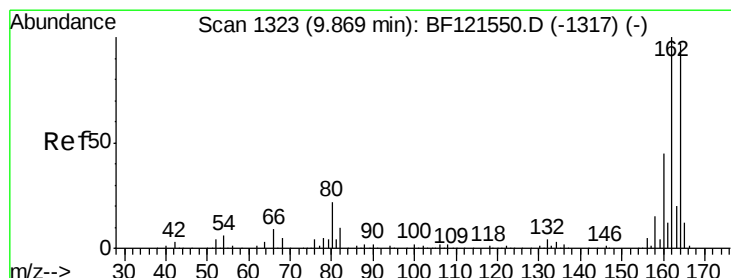
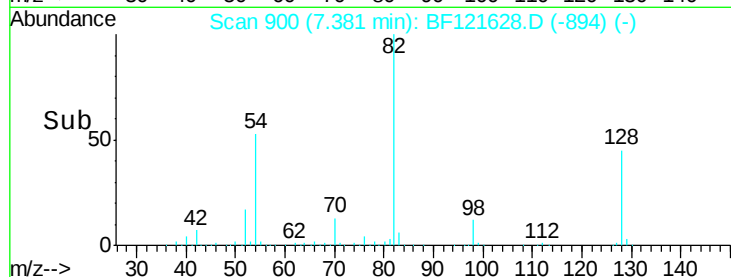
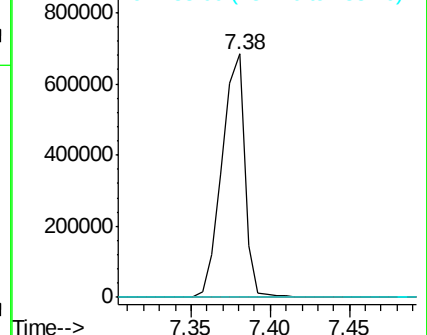
138 0.0 13.2 19.8#



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: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF121628.D

Acq: 21 Sep 2020 16:02

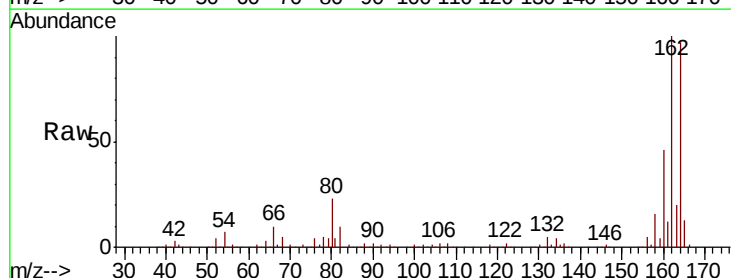
Tgt Ion: 164 Resp: 302851

Ion Ratio Lower Upper

164 100

162 103.6 81.2 121.8

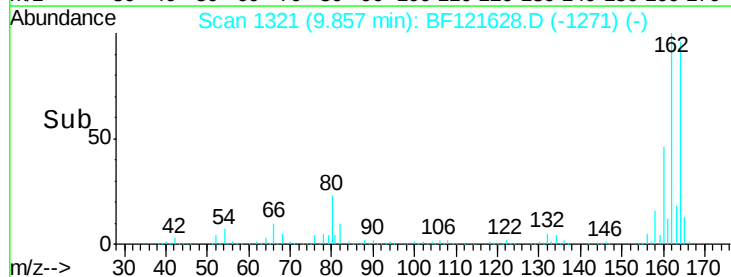
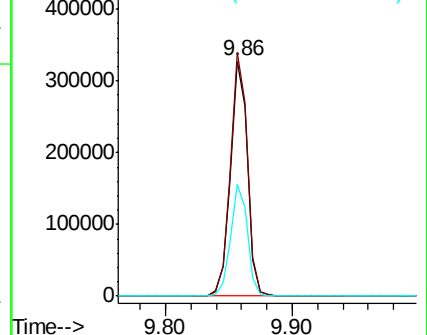
160 47.5 36.2 54.4



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

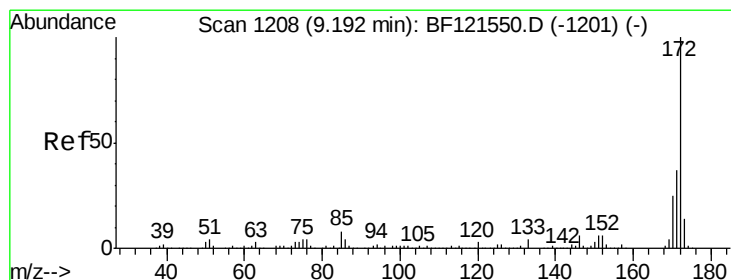
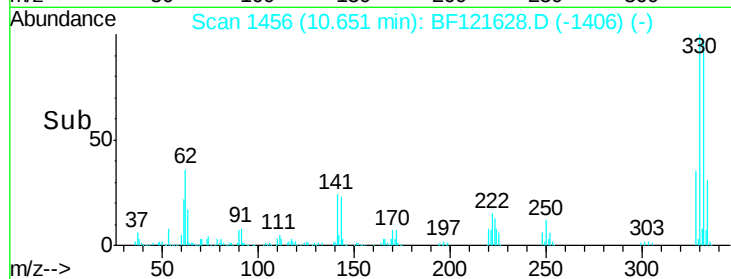
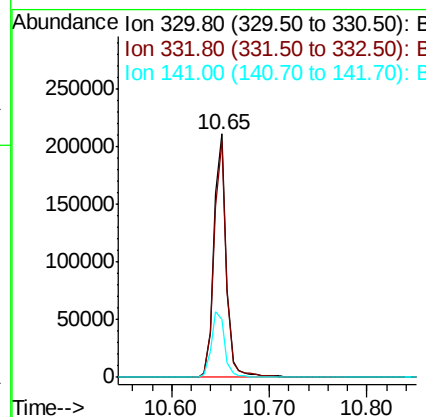
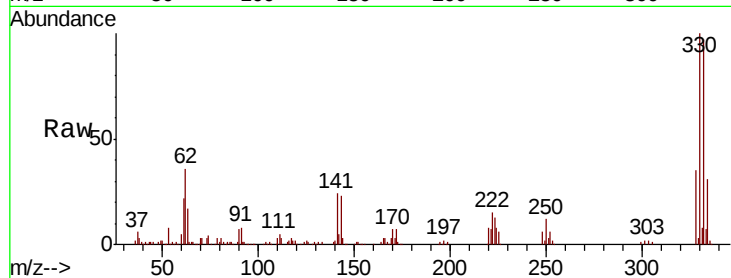




#42
 2,4,6-Tribromophenol
 Concen: 49.552 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF121628.D
 Acq: 21 Sep 2020 16:02

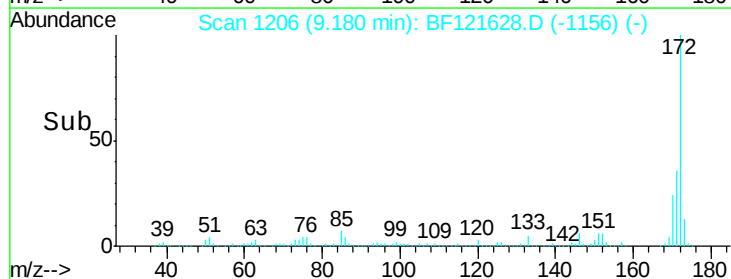
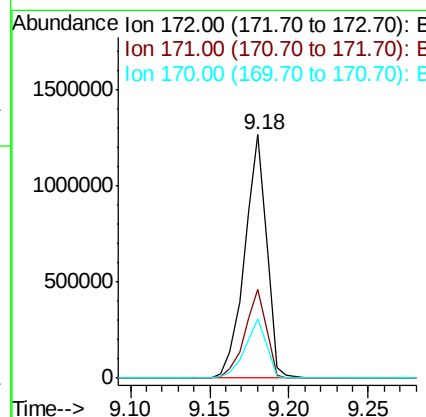
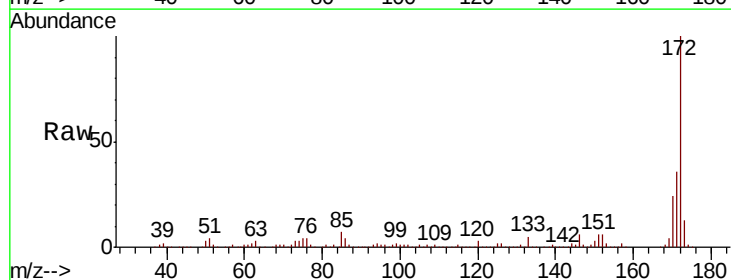
Instrument :
 BNA_F
 ClientSampleId :
 TS-ROC

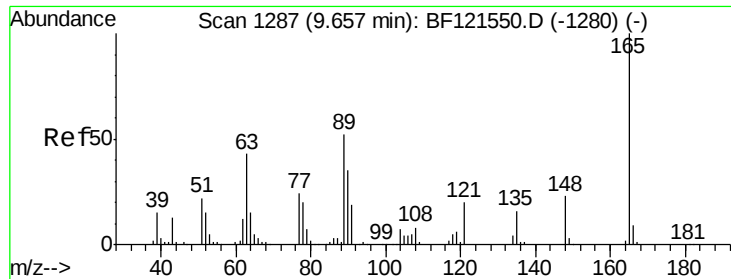
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.9	115.3
141	29.2	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 60.706 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121628.D
 Acq: 21 Sep 2020 16:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.3	43.9
170	24.3	19.5	29.3

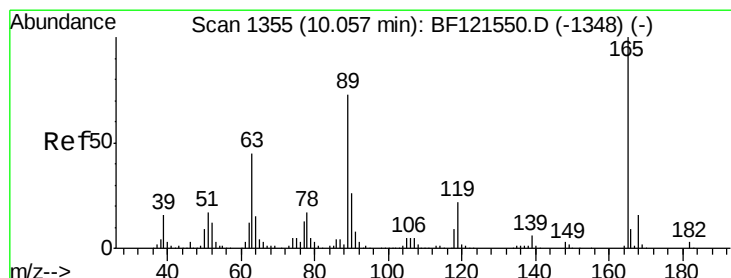
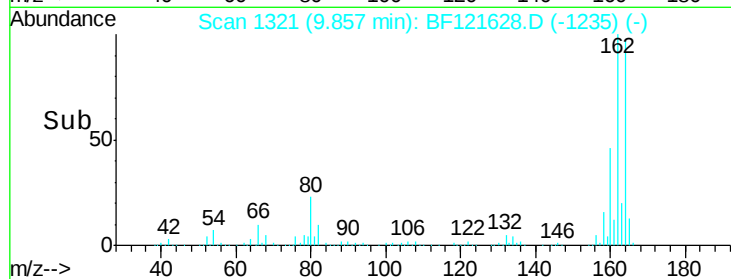
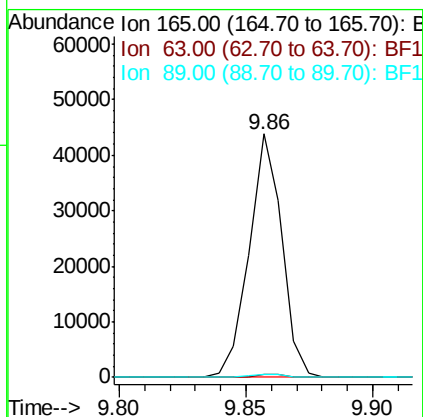
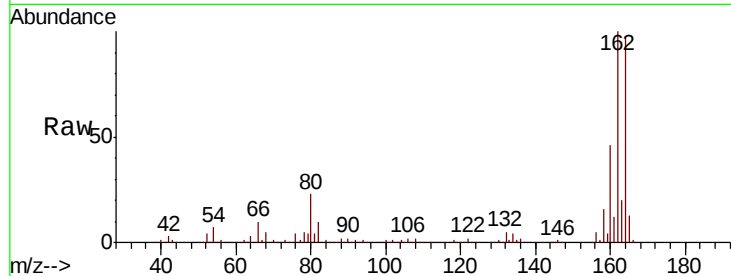




#51
 2,6-Dinitrotoluene
 Concen: 8.420 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.21 min
 Lab File: BF121628.D
 Acq: 21 Sep 2020 16:02

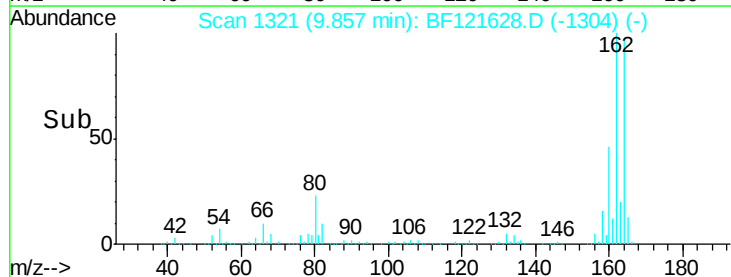
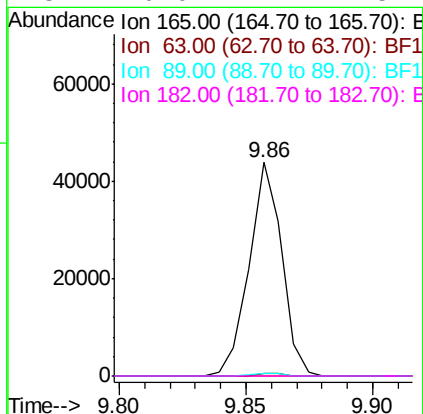
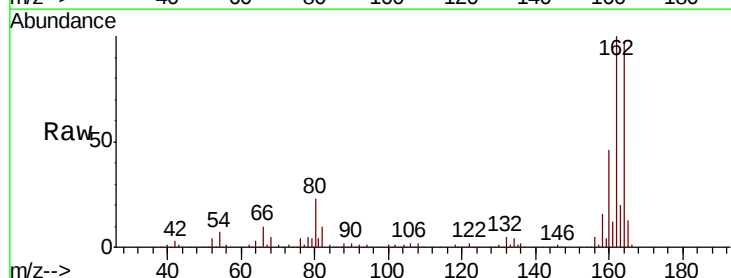
Instrument :
 BNA_F
 ClientSampleId :
 TS-ROC

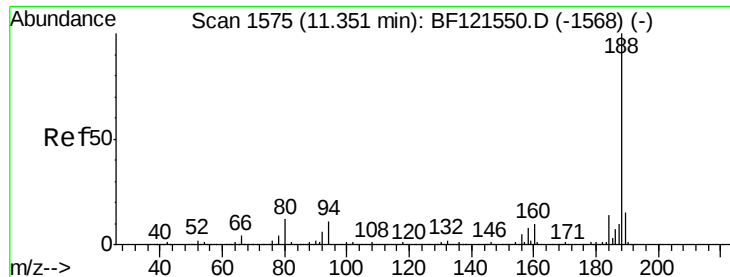
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	47.6	71.4#
89	1.3	46.0	69.0#



#57
 2,4-Dinitrotoluene
 Concen: 6.693 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.20 min
 Lab File: BF121628.D
 Acq: 21 Sep 2020 16:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.7	55.1#
89	1.3	57.7	86.5#
182	0.0	2.1	3.1#

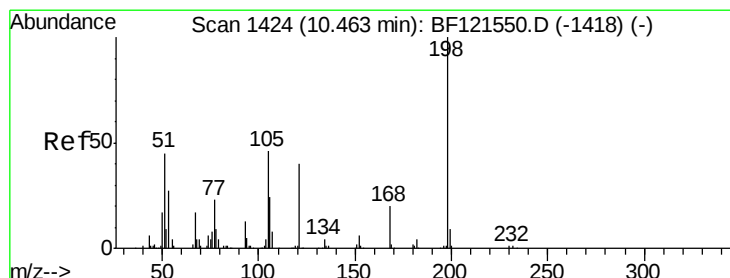
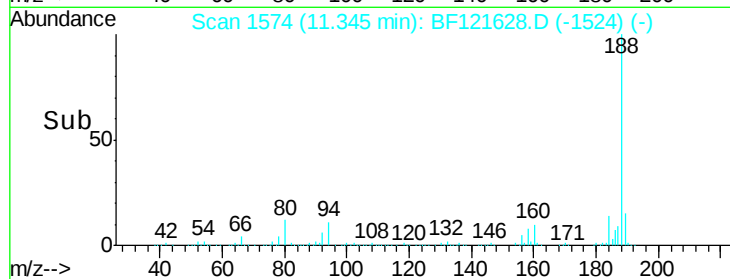
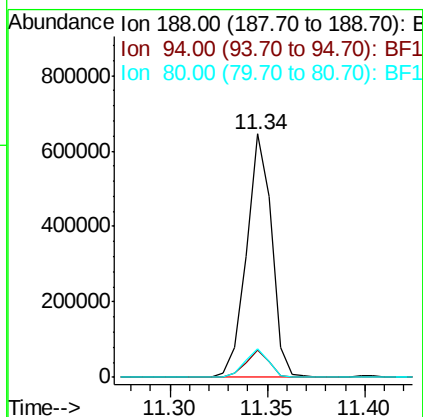
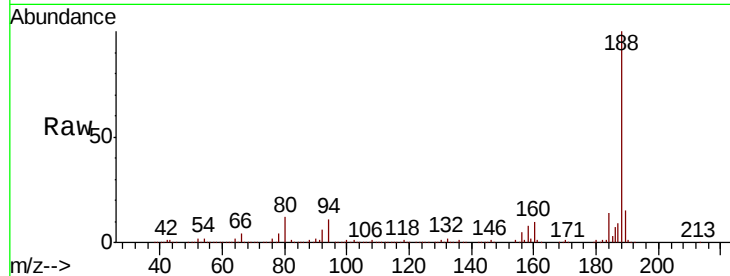




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121628.D
Acq: 21 Sep 2020 16:02

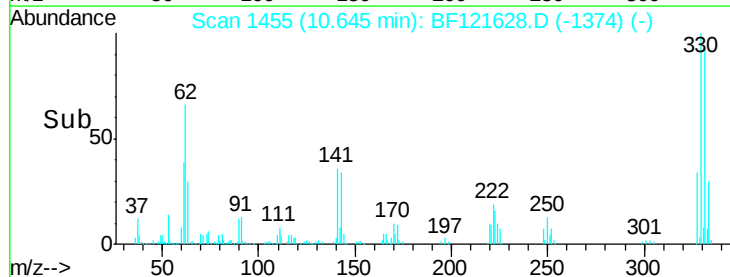
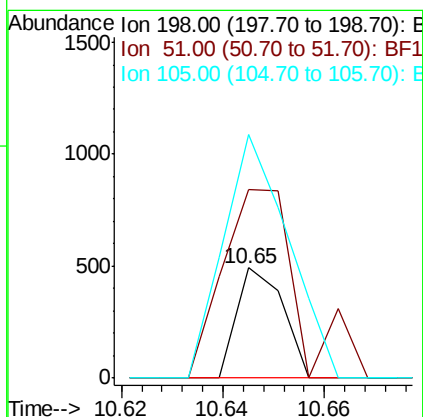
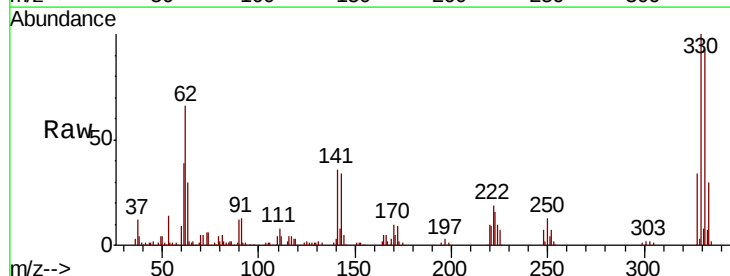
Instrument :
BNA_F
ClientSampleId :
TS-ROC

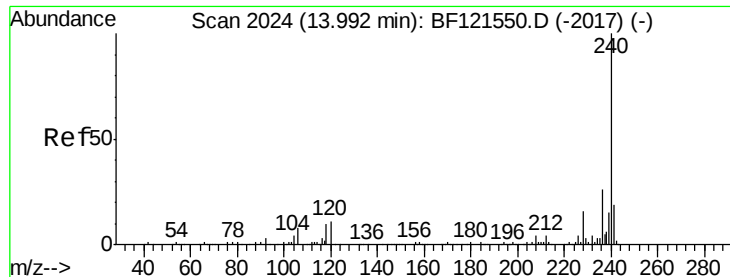
Tot Ion:188 Resp: 577307
Ion Ratio Lower Upper
188 100
94 11.2 8.4 12.6
80 11.9 9.0 13.4



#65
4,6-Dinitro-2-methylphenol
Concen: 6.927 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.18 min
Lab File: BF121628.D
Acq: 21 Sep 2020 16:02

Tgt Ion:198 Resp: 311
Ion Ratio Lower Upper
198 100
51 171.3 20.3 60.3#
105 221.1 20.2 60.2#

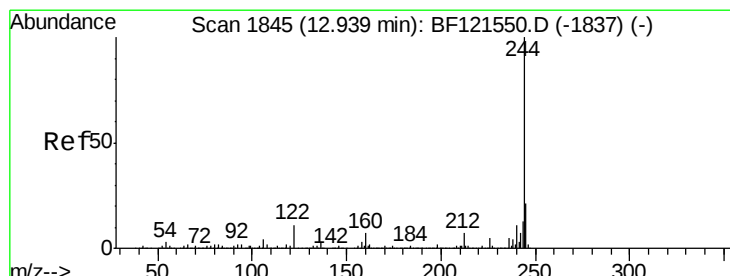
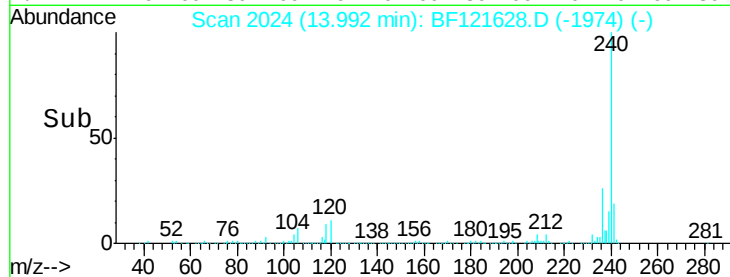
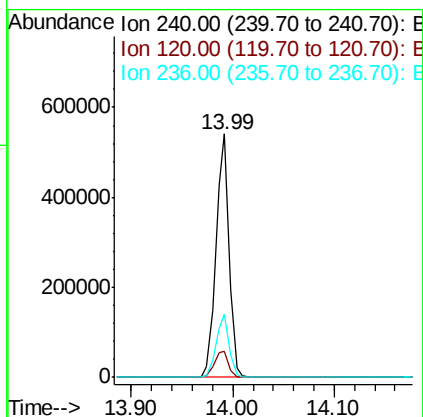
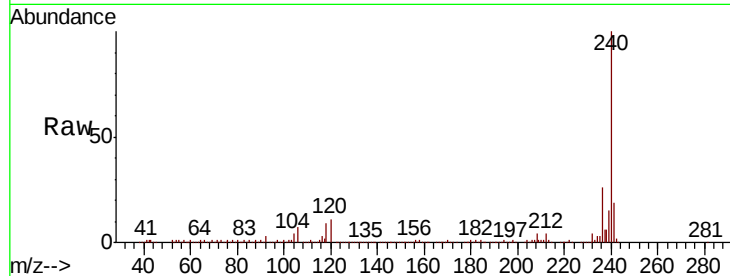




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF121628.D
Acq: 21 Sep 2020 16:02

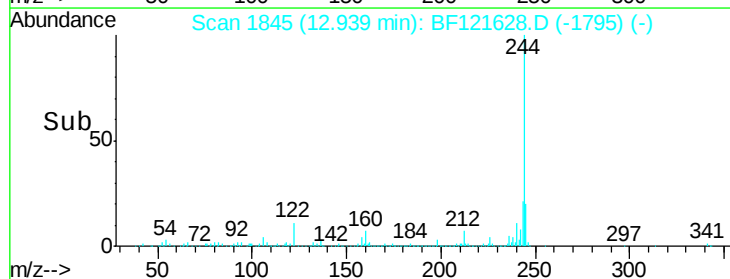
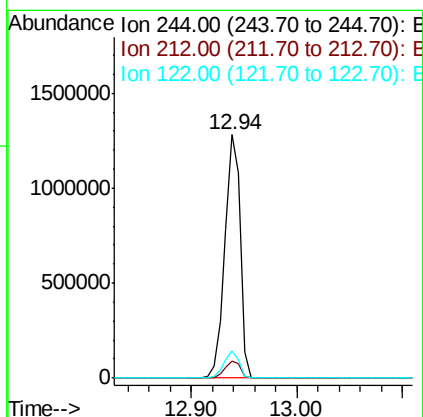
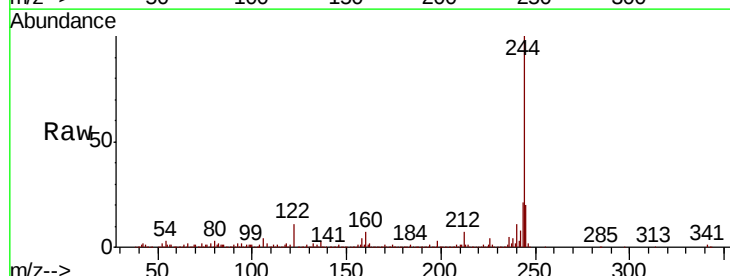
Instrument :
BNA_F
ClientSampleId :
TS-ROC

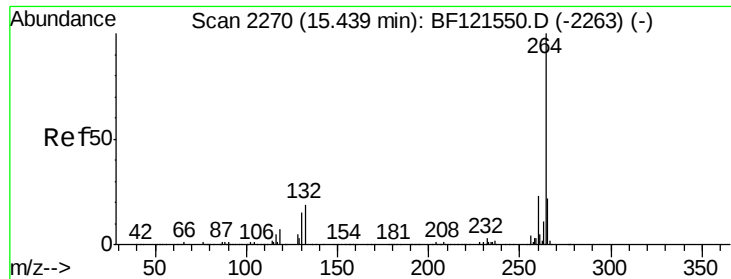
Tot Ion:240 Resp: 484462
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 25.7 20.4 30.6



#79
Terphenyl-d14
Concen: 54.169 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF121628.D
Acq: 21 Sep 2020 16:02

Tgt Ion:244 Resp: 1295361
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 11.4 7.4 11.0#

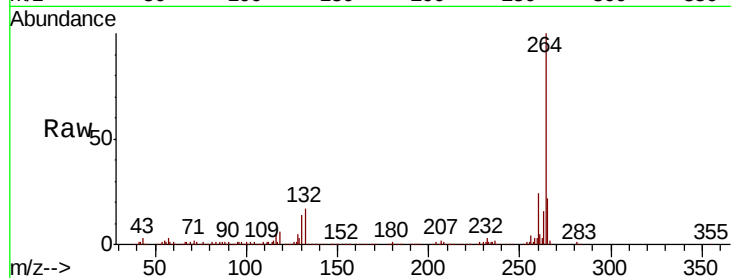




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF121628.D
 Acq: 21 Sep 2020 16:02

Instrument :
 BNA_F
 ClientSampleId :
 TS-ROC

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.3	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

