

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF093020\
 Data File : BF121757.D
 Acq On : 1 Oct 2020 00:40
 Operator : JU/CG
 Sample : L3867-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-092820

Quant Time: Oct 01 02:01:21 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 29 11:12:14 2020
 Response via : Initial Calibration

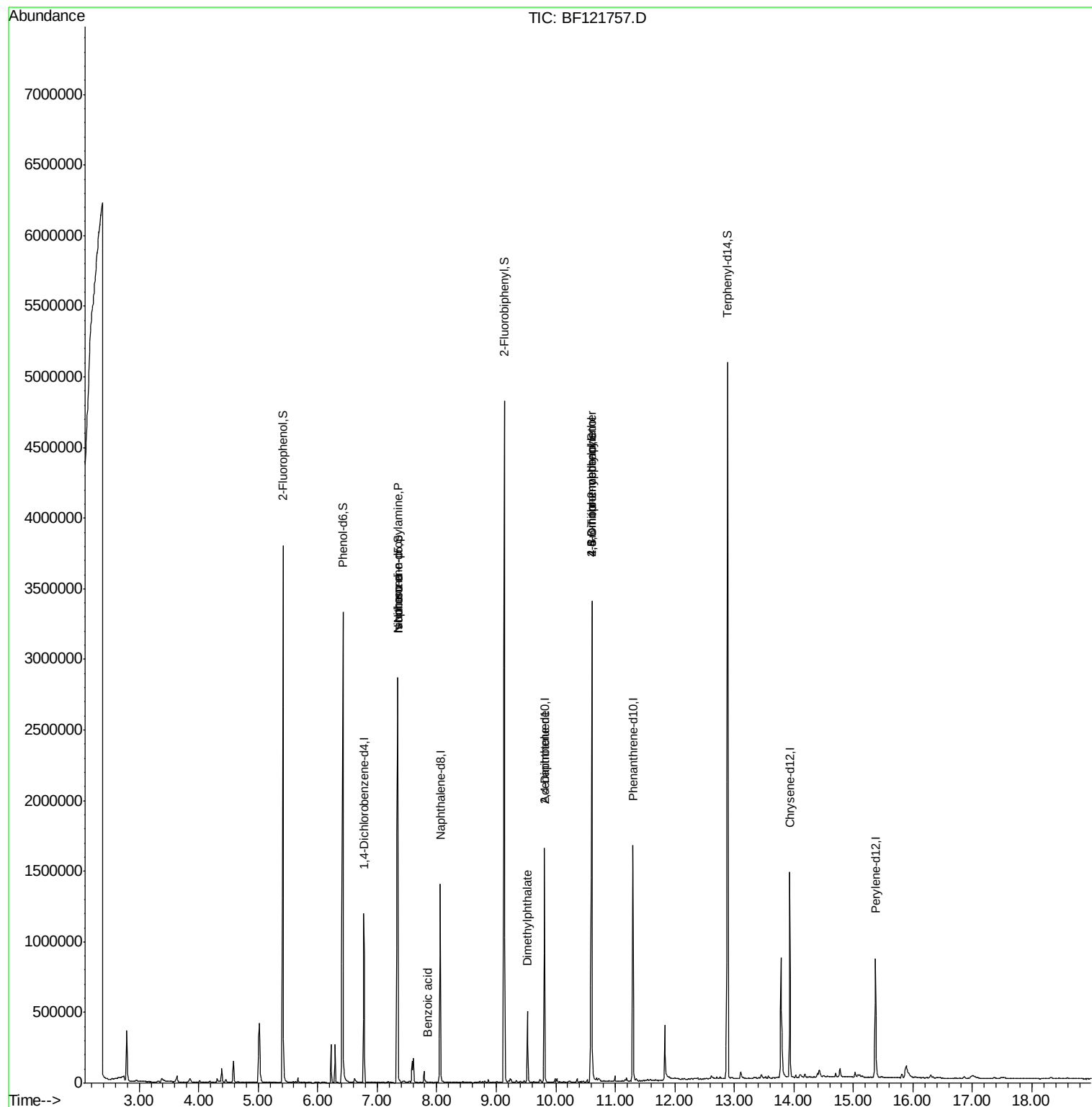
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	164057	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	654911	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	344534	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	640734	20.00	ng	-0.01
76) Chrysene-d12	13.93	240	462790	20.00	ng	-0.01
86) Perylene-d12	15.37	264	388931	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1107619	100.33	ng	0.01
7) Phenol-d6	6.42	99	1265101	87.35	ng	0.00
23) Nitrobenzene-d5	7.35	82	1094608	89.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	546394	127.60	ng	-0.01
45) 2-Fluorobiphenyl	9.14	172	1884432	82.84	ng	-0.01
79) Terphenyl-d14	12.89	244	2087180	91.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	148250	17.761	ng	# 78
25) Isophorone	7.35	82	1084685	44.176	ng	# 66
32) Benzoic acid	7.85	122	1567	7.100	ng	# 72
50) Dimethylphthalate	9.53	163	198413	7.946	ng	# 99
57) 2,4-Dinitrotoluene	9.81	165	44776	6.693	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.60	198	905	7.049	ng	# 1
67) 4-Bromophenyl-phenylether	10.60	248	31287	4.289	ng	# 1

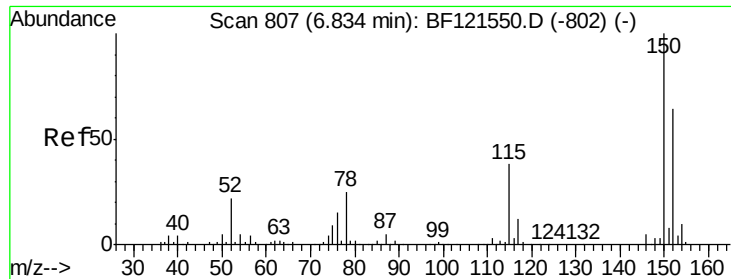
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 01 02:01:21 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 29 11:12:14 2020
Response via : Initial Calibration



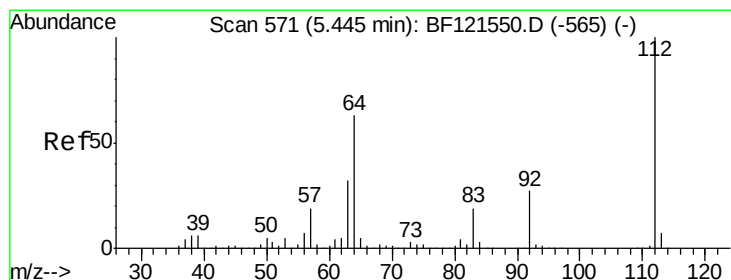
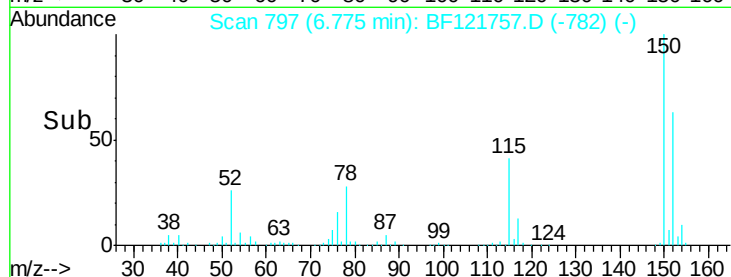
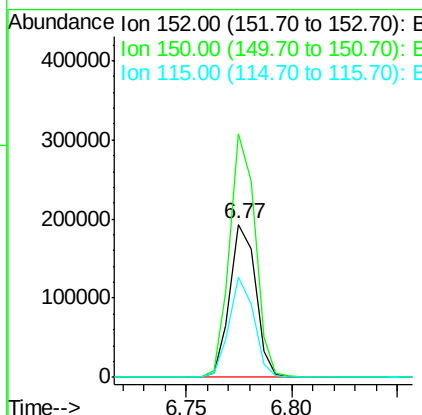
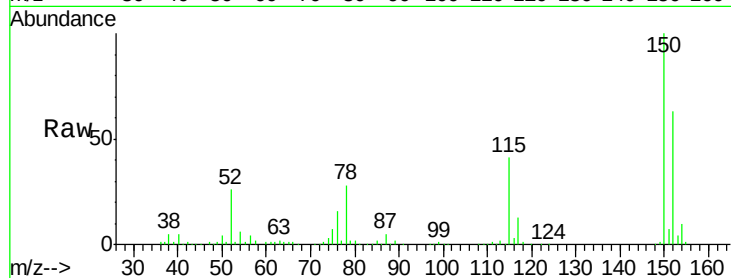


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF121757.D
Acq: 1 Oct 2020 00:40

Instrument :
BNA_F
ClientSampleId :
EO-01-092820

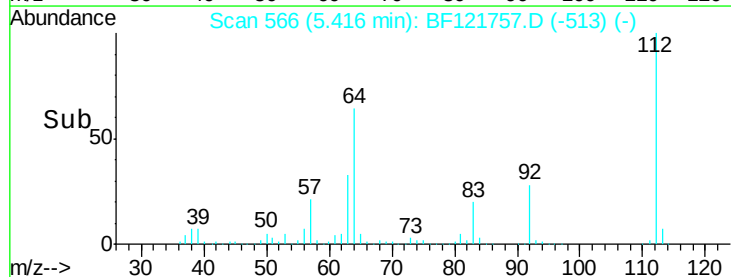
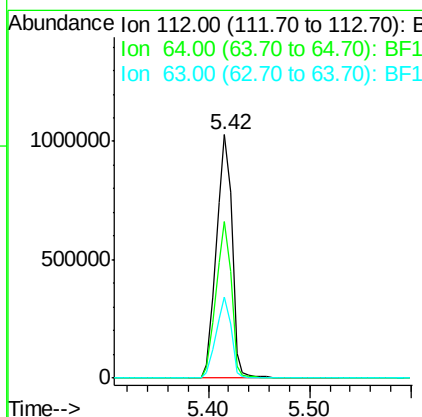
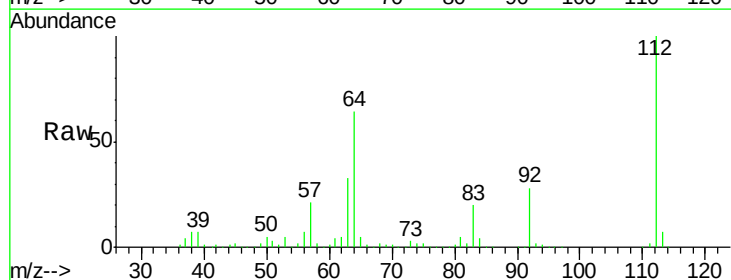
Tot Ion:152 Resp: 164057
Ion Ratio Lower Upper
152 100
150 159.4 125.8 188.8
115 65.3 49.6 74.4

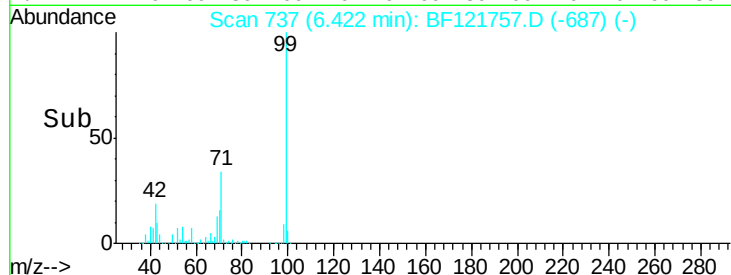
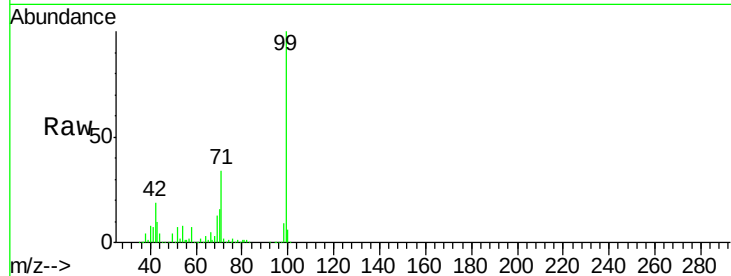
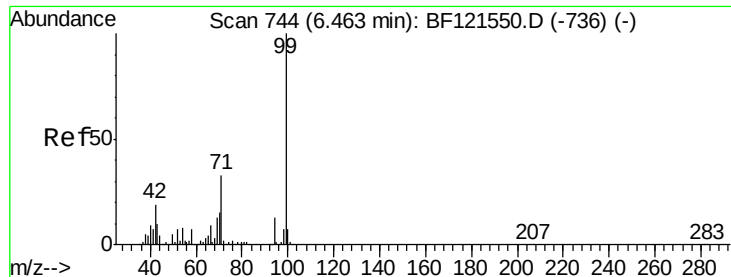


#5

2-Fluorophenol
Concen: 100.335 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF121757.D
Acq: 1 Oct 2020 00:40

Tgt Ion:112 Resp: 1107619
Ion Ratio Lower Upper
112 100
64 64.2 51.2 76.8
63 33.2 25.9 38.9





#7

Phenol-d6

Concen: 87.352 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF121757.D

Acq: 1 Oct 2020 00:40

Instrument :

BNA_F

ClientSampleId :

EO-01-092820

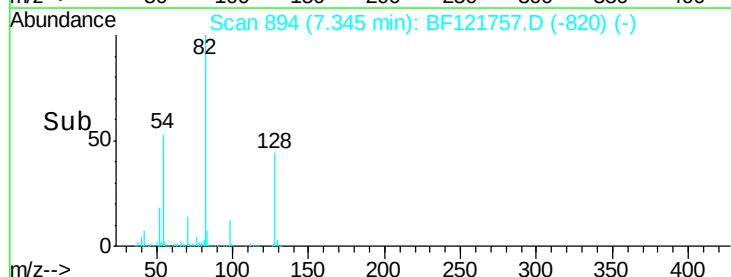
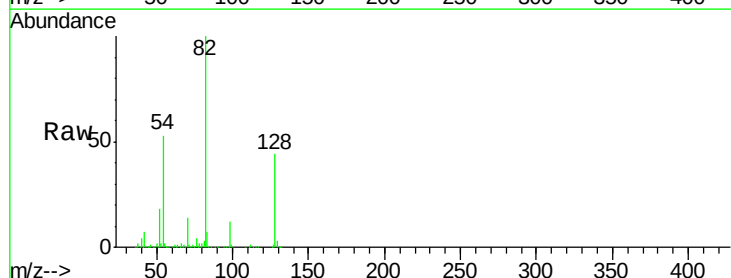
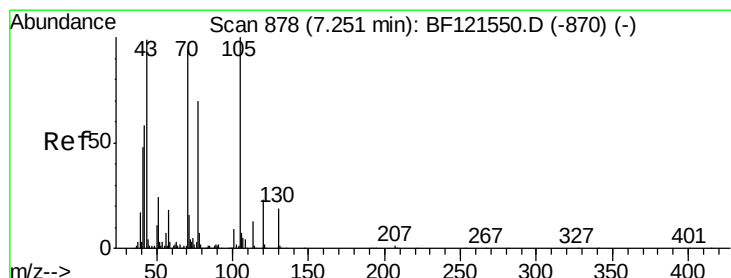
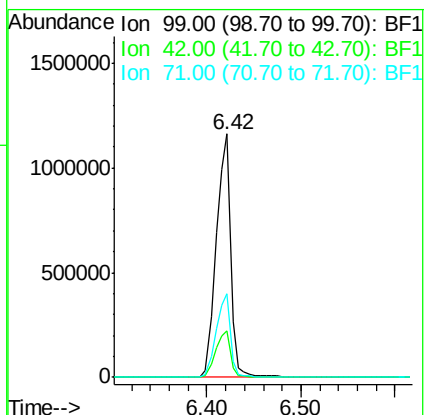
Tot Ion: 99 Resp: 1265101

Ion Ratio Lower Upper

99 100

42 19.2 16.5 24.7

71 34.1 27.8 41.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.761 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF121757.D

Acq: 1 Oct 2020 00:40

Tgt Ion: 70 Resp: 148250

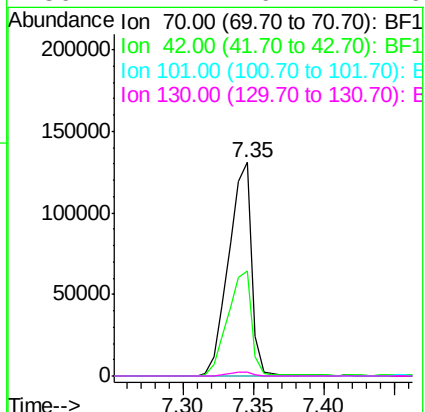
Ion Ratio Lower Upper

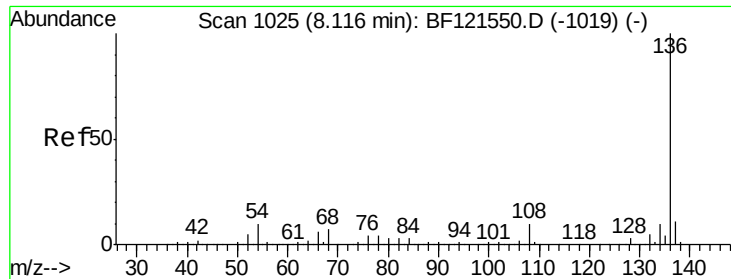
70 100

42 49.0 48.6 73.0

101 0.0 7.5 11.3#

130 2.1 16.4 24.6#

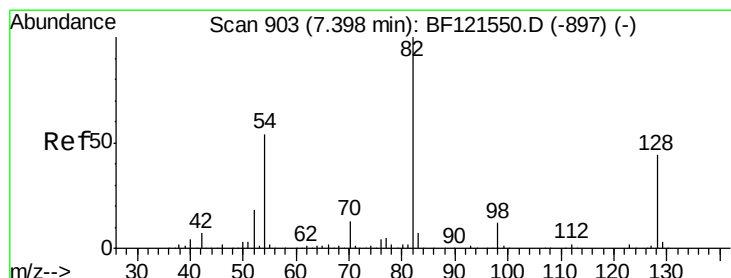
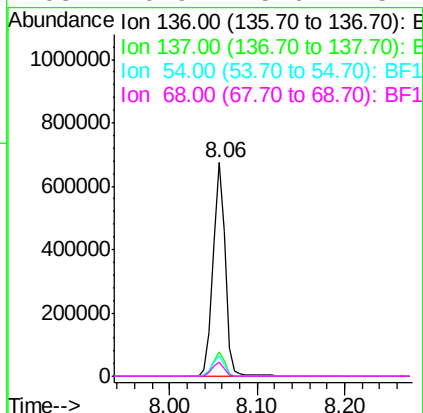
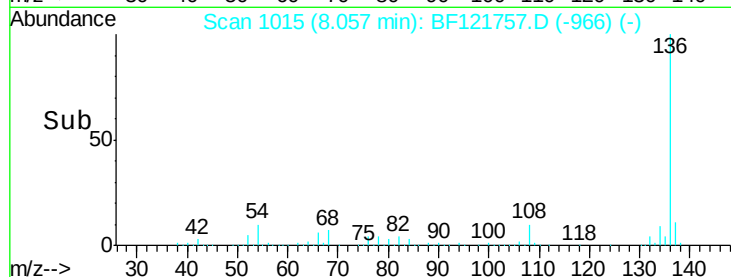
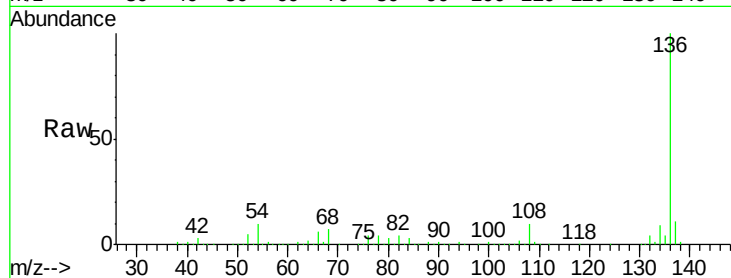




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF121757.D
Acq: 1 Oct 2020 00:40

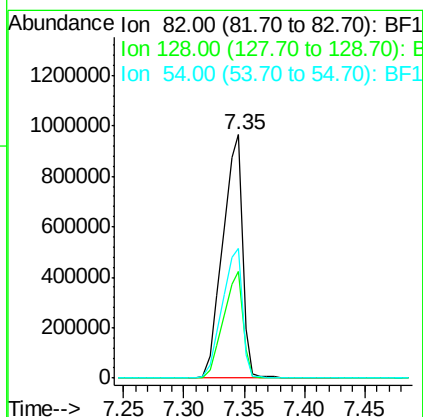
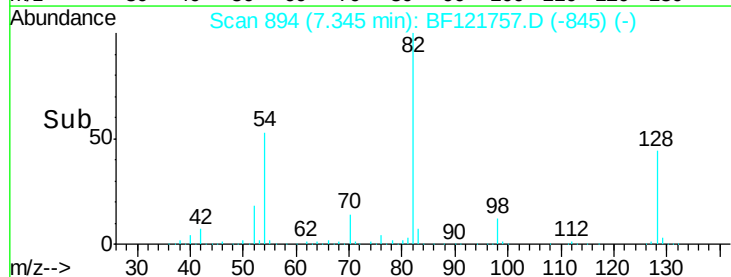
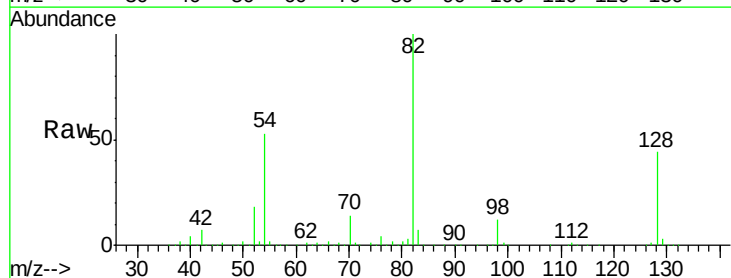
Instrument :
BNA_F
ClientSampleId :
EO-01-092820

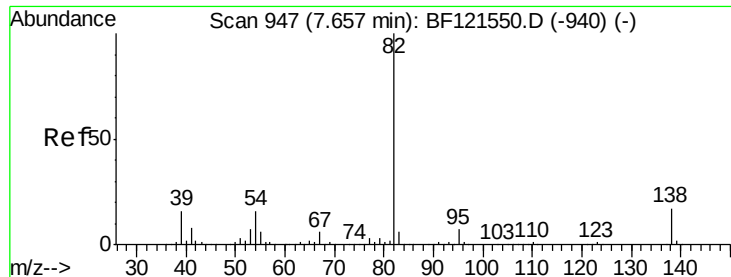
Tot Ion:136	Resp:	654911	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	9.1	13.7	
54 9.7	7.8	11.8	
68 6.9	5.6	8.4	



#23
Nitrobenzene-d5
Concen: 89.740 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF121757.D
Acq: 1 Oct 2020 00:40

Tgt Ion: 82	Resp: 1094608
Ion Ratio	Lower Upper
82 100	
128 44.0	35.0 52.4
54 53.2	42.5 63.7





#25

Isophorone

Concen: 44.176 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.27 min

Lab File: BF121757.D

Acq: 1 Oct 2020 00:40

Instrument :

BNA_F

ClientSampleId :

EO-01-092820

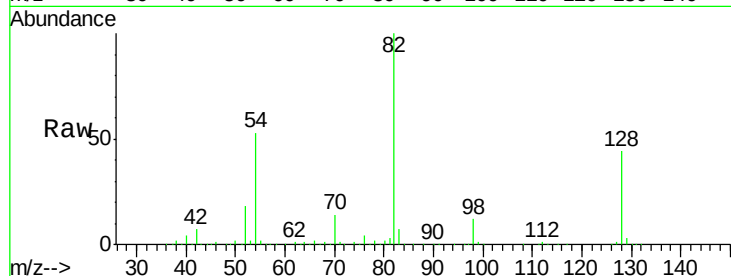
Tot Ion: 82 Resp: 1084685

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

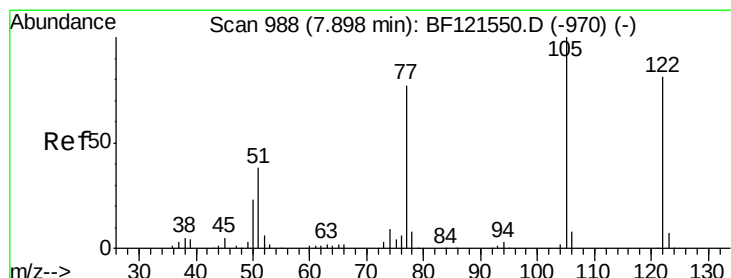
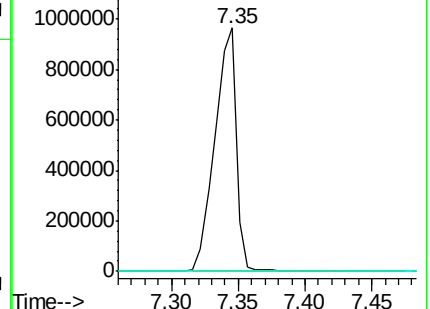
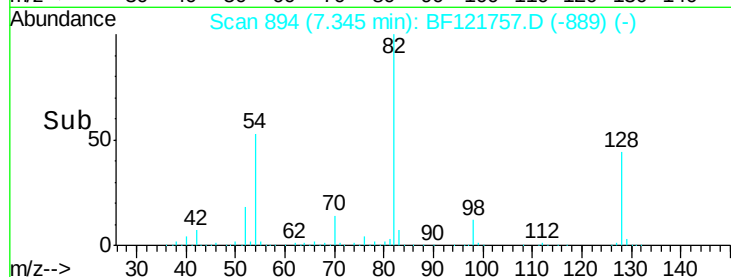
138 0.0 13.9 20.9#



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



#32

Benzoic acid

Concen: 7.100 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.03 min

Lab File: BF121757.D

Acq: 1 Oct 2020 00:40

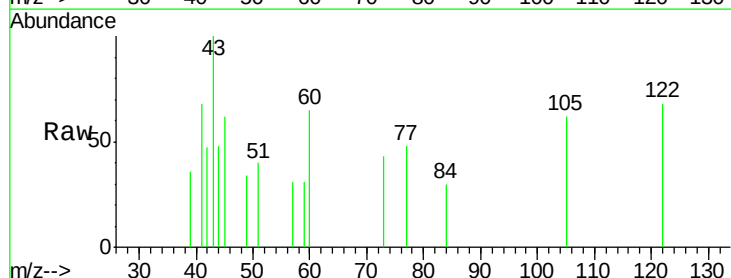
Tgt Ion: 122 Resp: 1567

Ion Ratio Lower Upper

122 100

105 90.6 103.8 143.8#

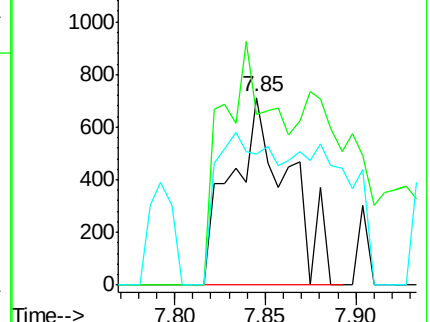
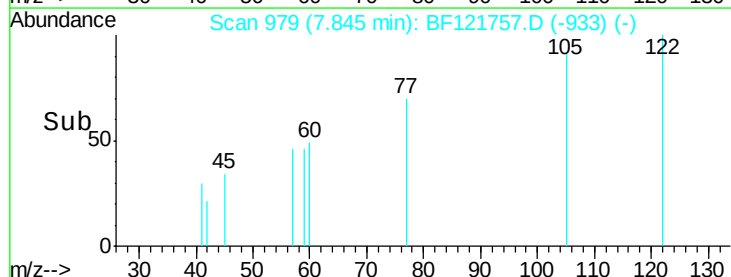
77 70.0 75.8 115.8#

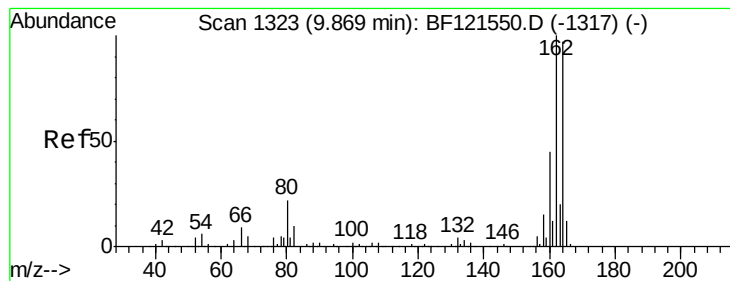


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF121757.D

Acq: 1 Oct 2020 00:40

Instrument :

BNA_F

ClientSampleId :

EO-01-092820

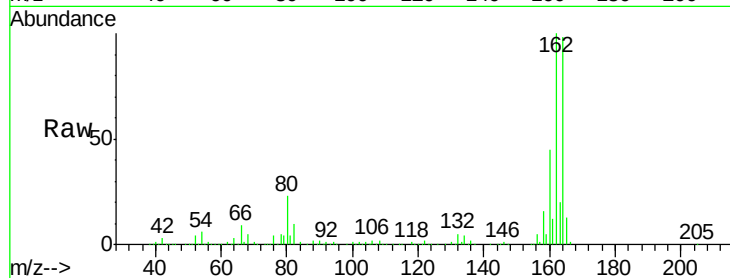
Tot Ion:164 Resp: 344534

Ion Ratio Lower Upper

164 100

162 102.1 80.6 121.0

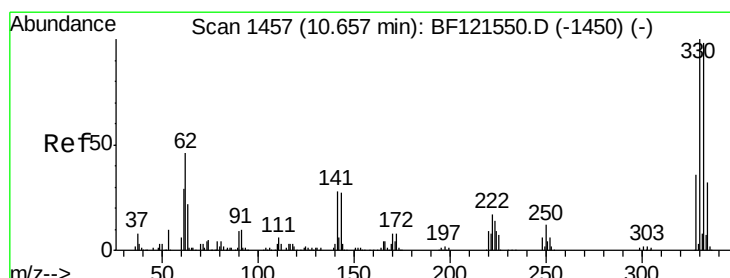
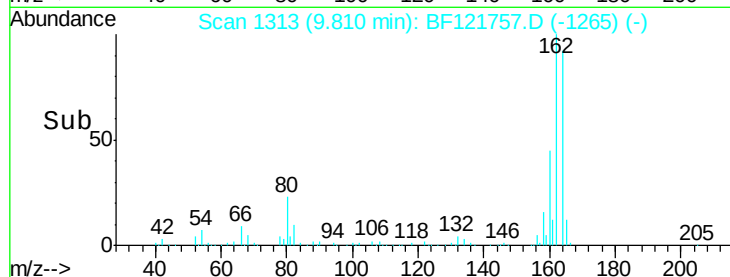
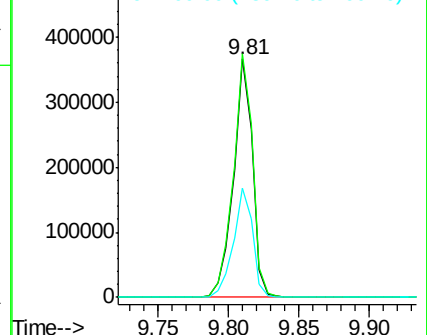
160 45.8 36.9 55.3



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: 127.600 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF121757.D

Acq: 1 Oct 2020 00:40

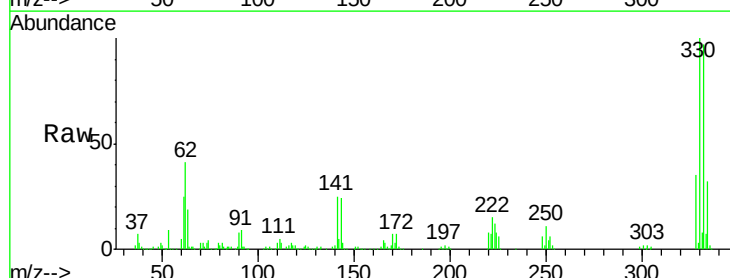
Tgt Ion:330 Resp: 546394

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

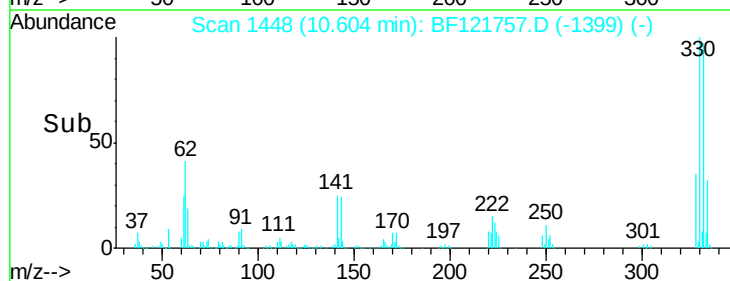
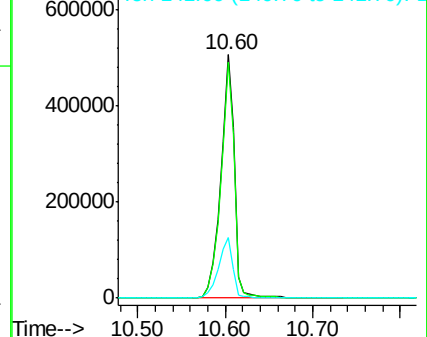
141 26.8 22.9 34.3

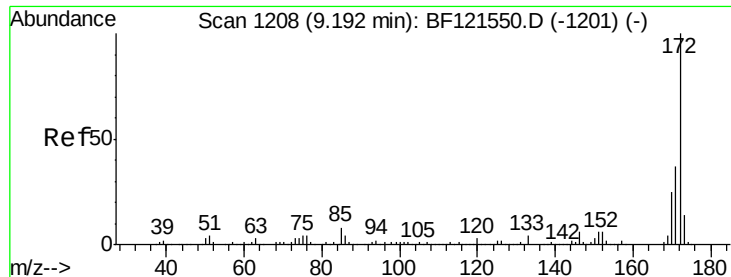


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

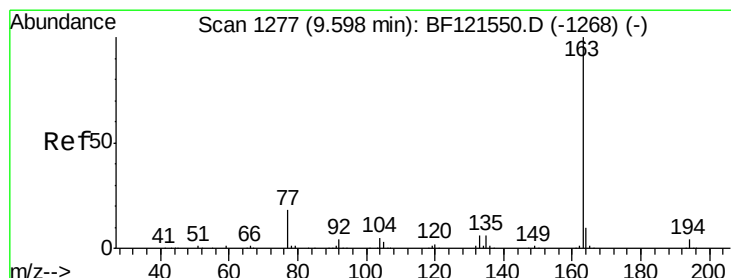
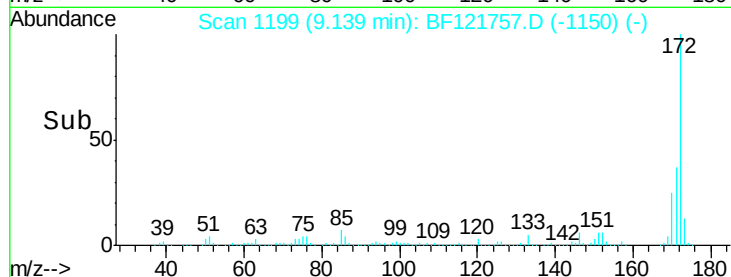
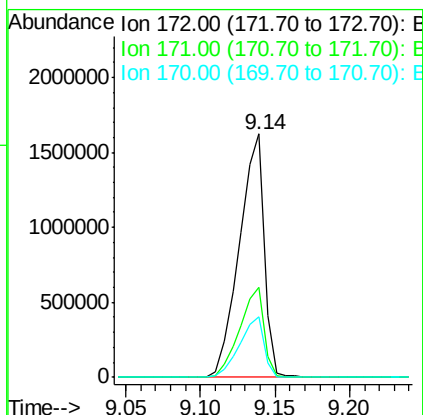
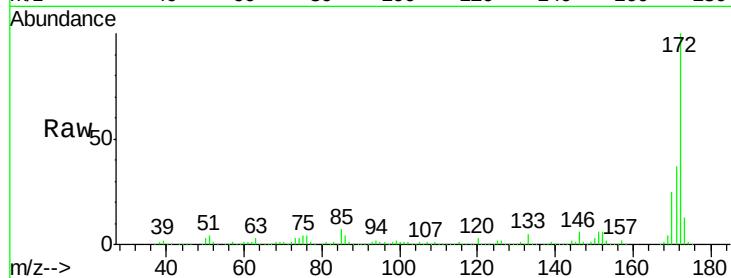




#45
2-Fluorobiphenyl
Concen: 82.837 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF121757.D
Acq: 1 Oct 2020 00:40

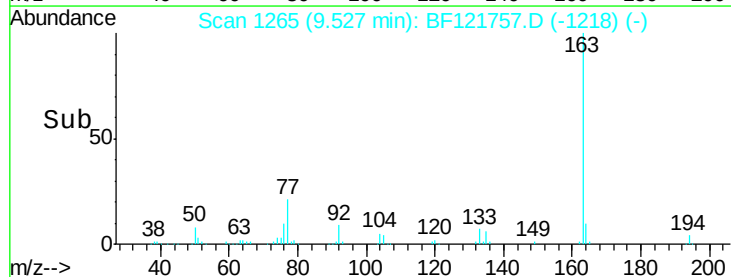
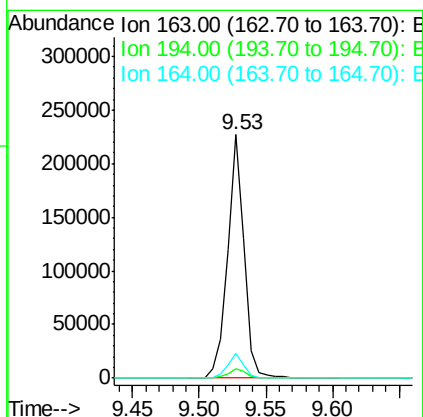
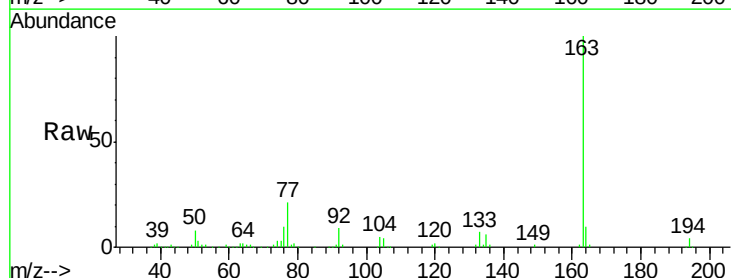
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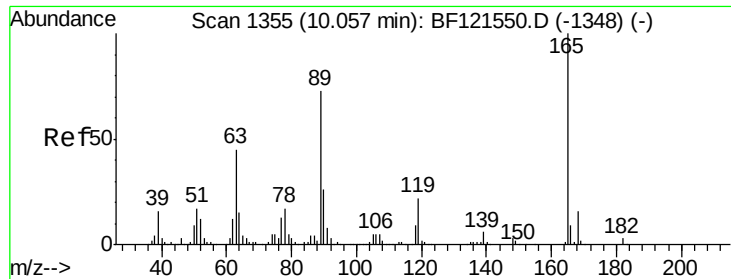
Tot Ion:172 Resp: 1884432
Ion Ratio Lower Upper
172 100
171 37.1 29.2 43.8
170 24.9 19.7 29.5



#50
Dimethylphthalate
Concen: 7.946 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF121757.D
Acq: 1 Oct 2020 00:40

Tgt Ion:163 Resp: 198413
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.5 12.7





#57

2,4-Dinitrotoluene

Concen: 6.693 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.21 min

Lab File: BF121757.D

Acq: 1 Oct 2020 00:40

Instrument :

BNA_F

ClientSampleId :

EO-01-092820

Tot Ion:165 Resp: 44776

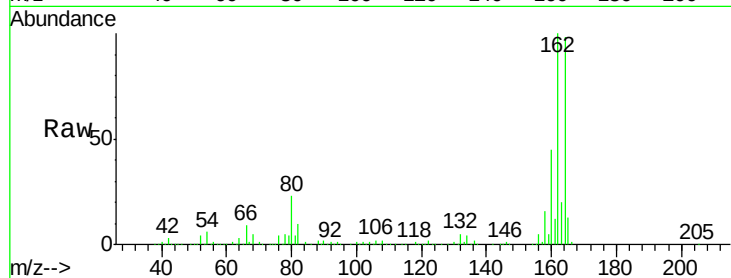
Ion Ratio Lower Upper

165 100

63 1.6 39.0 58.6#

89 1.3 57.5 86.3#

182 0.0 2.2 3.4#

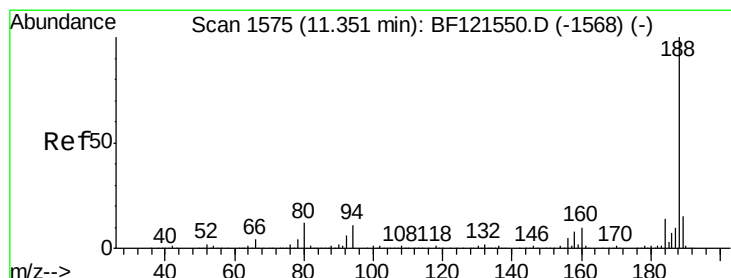
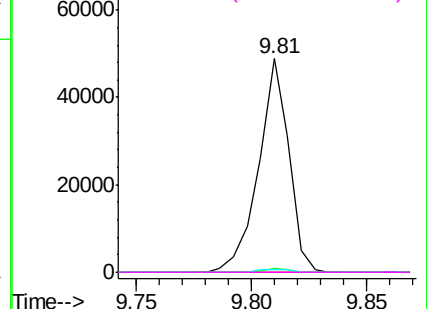
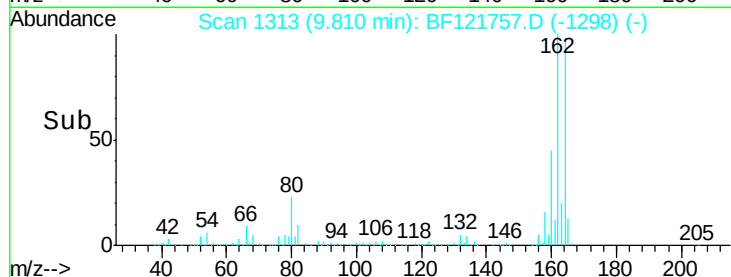


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF121757.D

Acq: 1 Oct 2020 00:40

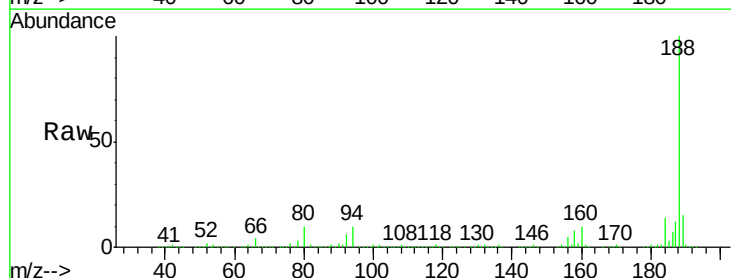
Tgt Ion:188 Resp: 640734

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.2

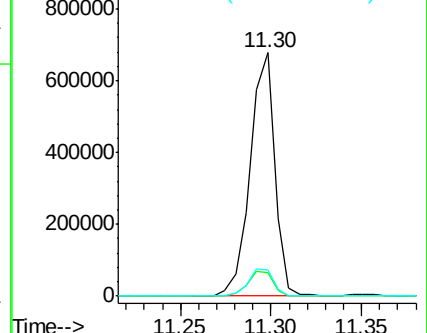
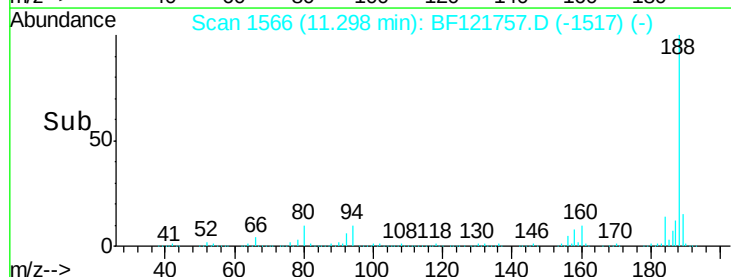
80 10.4 8.9 13.3

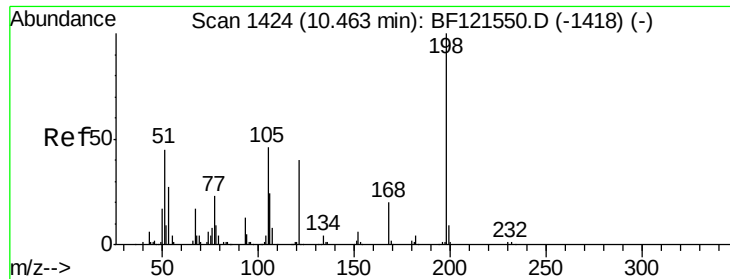


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

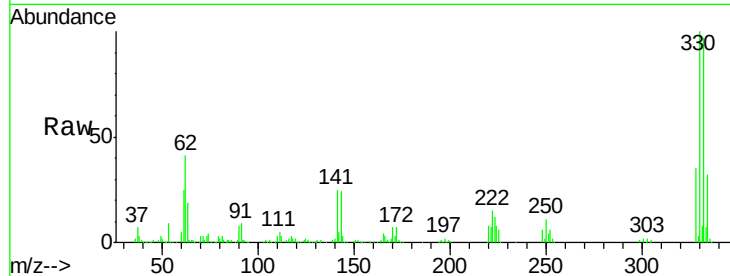




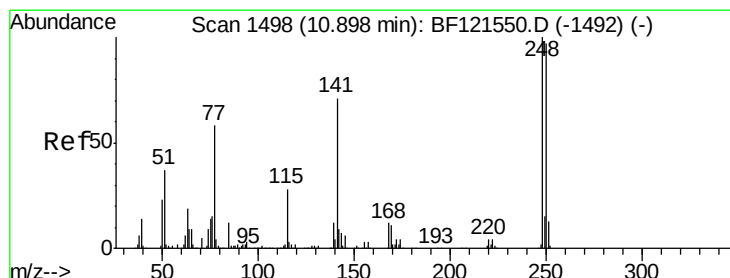
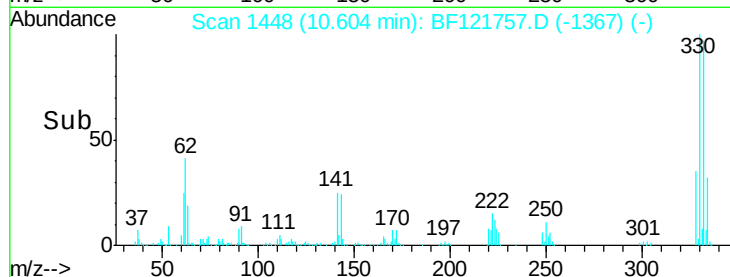
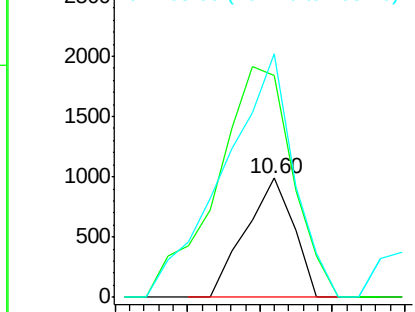
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.049 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. 0.18 min
 Lab File: BF121757.D
 Acq: 1 Oct 2020 00:40

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-092820

Tot Ion:198 Resp: 905
 Ion Ratio Lower Upper
 198 100
 51 186.3 34.7 74.7#
 105 204.4 27.8 67.8#

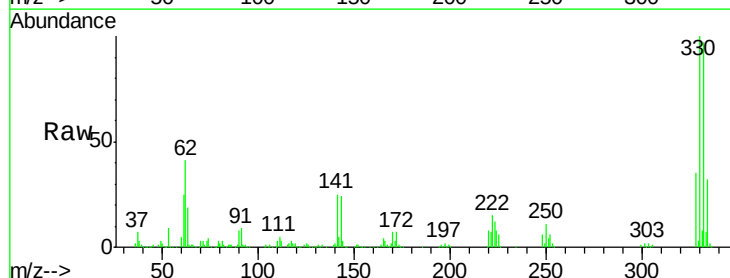


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

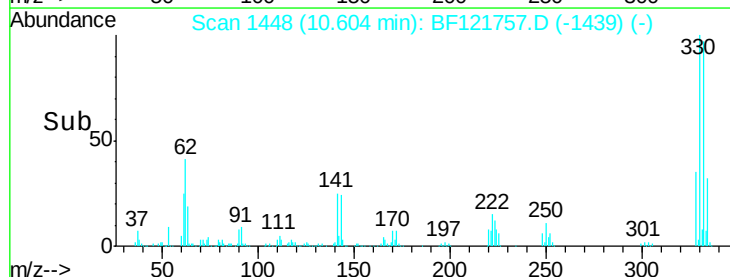
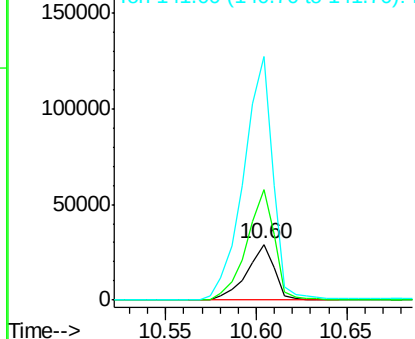


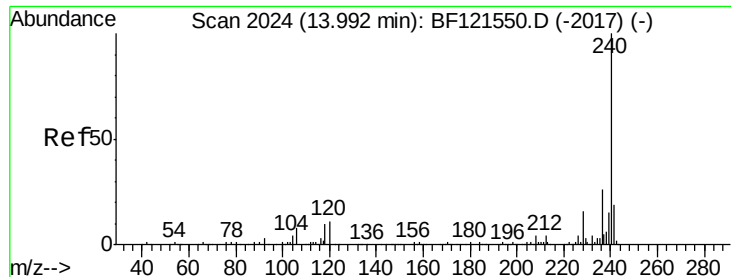
#67
 4-Bromophenyl-phenylether
 Concen: 4.289 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF121757.D
 Acq: 1 Oct 2020 00:40

Tgt Ion:248 Resp: 31287
 Ion Ratio Lower Upper
 248 100
 250 198.2 78.6 118.0#
 141 434.7 60.0 90.0#



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

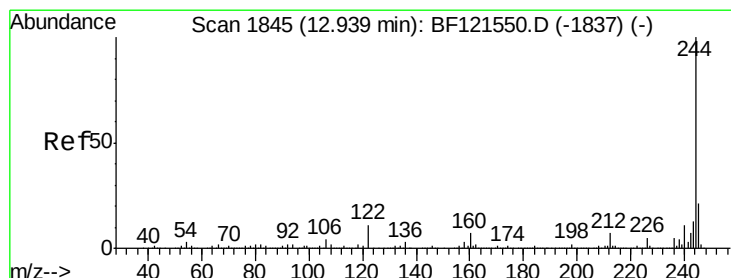
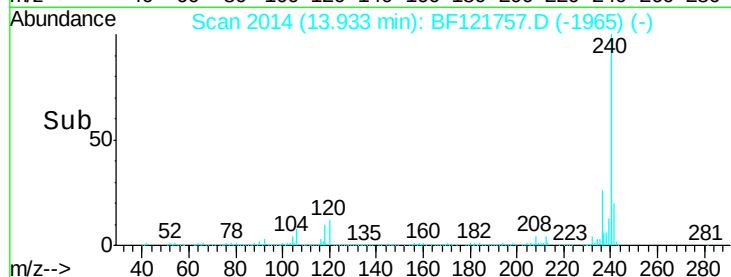
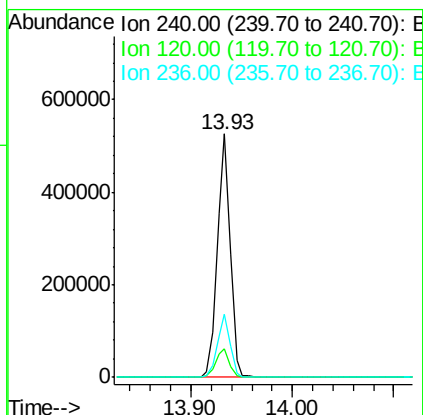
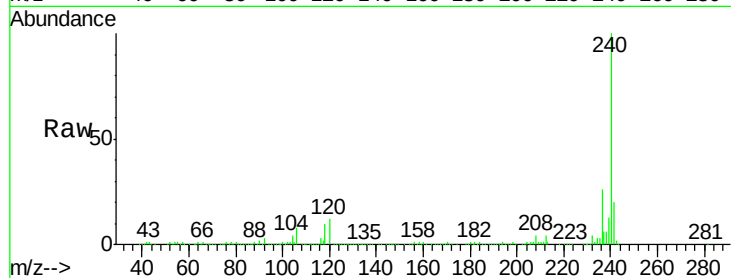




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF121757.D
Acq: 1 Oct 2020 00:40

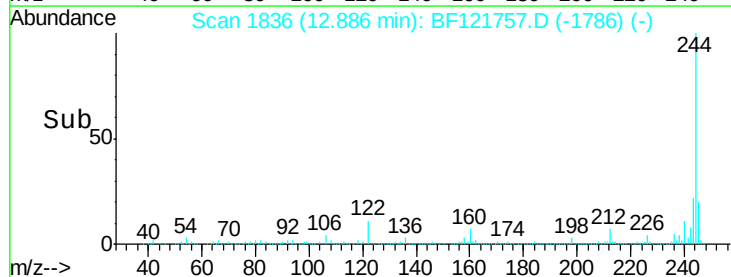
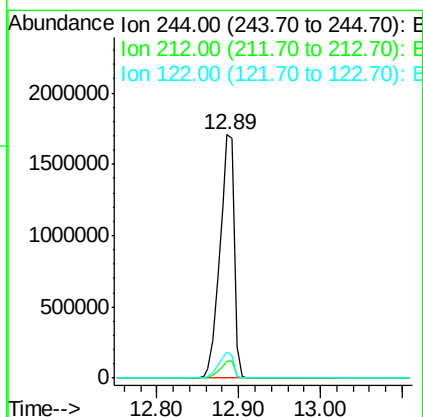
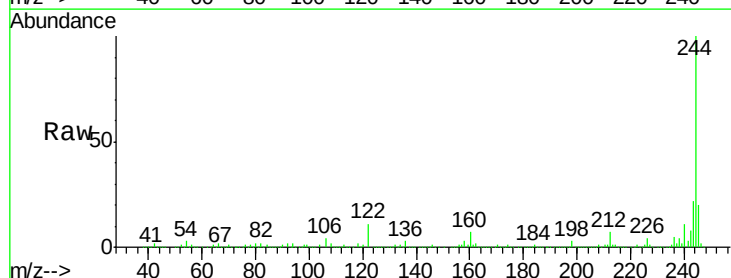
Instrument :
BNA_F
ClientSampleId :
EO-01-092820

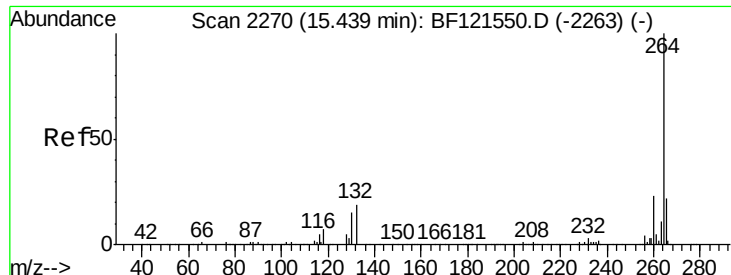
Tot Ion:240 Resp: 462790
Ion Ratio Lower Upper
240 100
120 11.8 10.2 15.4
236 26.2 20.4 30.6



#79
Terphenyl-d14
Concen: 91.368 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF121757.D
Acq: 1 Oct 2020 00:40

Tgt Ion:244 Resp: 2087180
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.9 9.0 13.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF121757.D
Acq: 1 Oct 2020 00:40

Instrument :
BNA_F
ClientSampleId :
EO-01-092820

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	21.2	17.3	25.9

