

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
 Data File : BF126863.D
 Acq On : 11 Feb 2022 17:59
 Operator : CG\JU
 Sample : N1489-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Feb 11 22:43:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

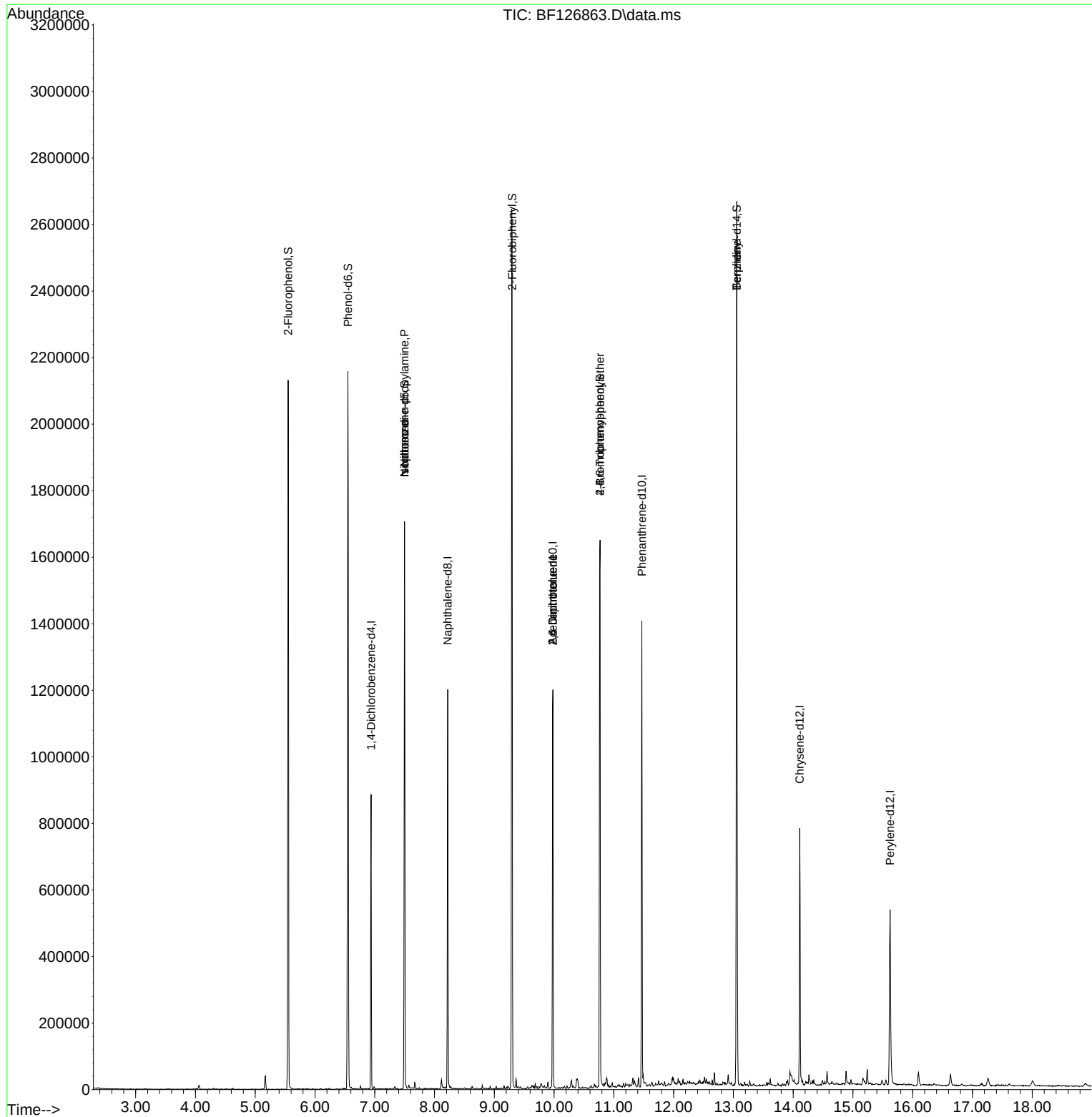
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	109957	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	449895	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	237825	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	434777	20.000	ng	0.00
76) Chrysene-d12	14.110	240	234771	20.000	ng	-0.01
86) Perylene-d12	15.621	264	213433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	530511	74.284	ng	0.00
7) Phenol-d6	6.551	99	725943	75.296	ng	-0.01
23) Nitrobenzene-d5	7.498	82	514155	52.730	ng	-0.01
42) 2,4,6-Tribromophenol	10.769	330	186181	73.022	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	782628	49.536	ng	0.00
79) Terphenyl-d14	13.057	244	784108	47.880	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.498	70	68328	11.192	ng	# 80
25) Isophorone	7.498	82	514149	31.473	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	30447	8.936	ng	# 20
57) 2,4-Dinitrotoluene	9.981	165	30447	6.759	ng	# 15
67) 4-Bromophenyl-phenylether	10.769	248	11255	2.382	ng	# 1
77) Benzydine	13.057	184	12406	2.008	ng	# 37

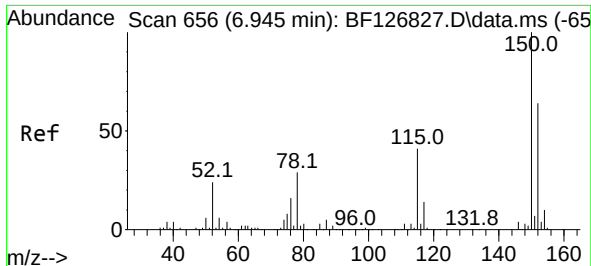
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
Data File : BF126863.D
Acq On : 11 Feb 2022 17:59
Operator : CG\JU
Sample : N1489-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Time: Feb 11 22:43:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 10 00:44:00 2022
Response via : Initial Calibration

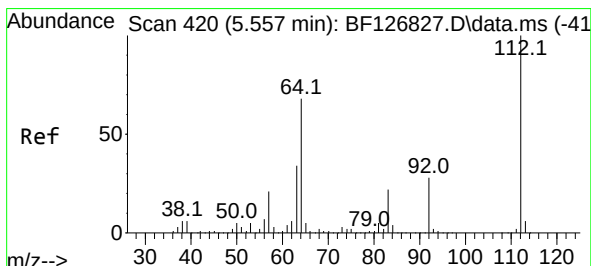
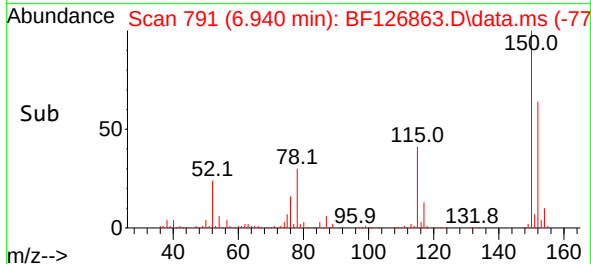
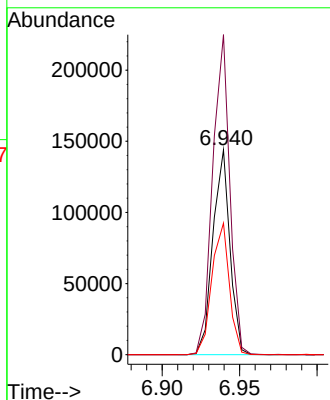
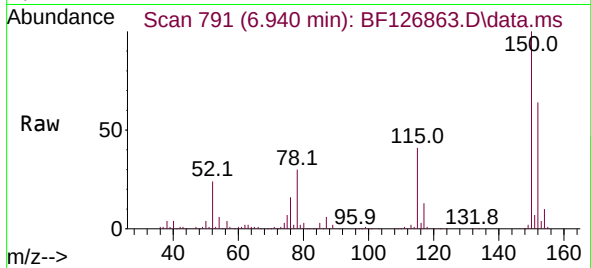




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126863.D
Acq: 11 Feb 2022 17:59

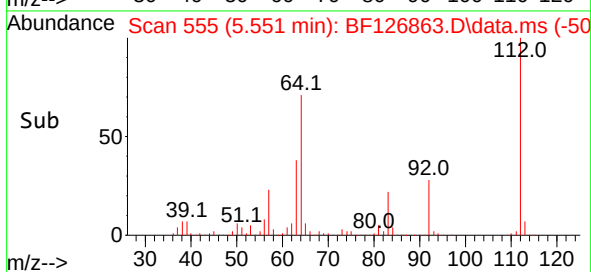
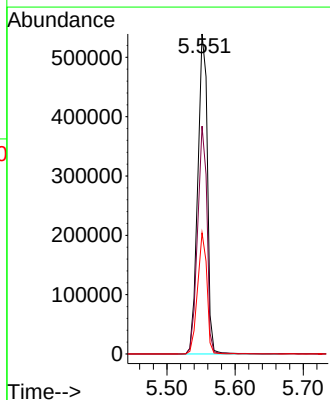
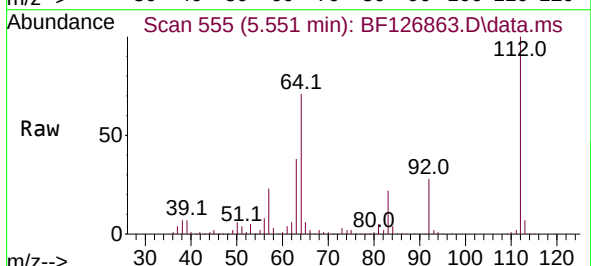
Instrument :
BNA_F
ClientSampleId :
COMP-3

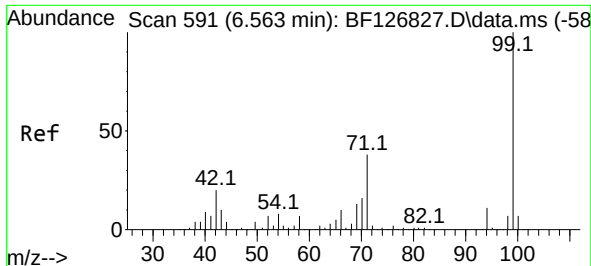
Tgt Ion:152 Resp: 109957
Ion Ratio Lower Upper
152 100
150 156.3 124.3 186.5
115 64.3 50.5 75.7



#5
2-Fluorophenol
Concen: 74.284 ng
RT: 5.551 min Scan# 555
Delta R.T. -0.006 min
Lab File: BF126863.D
Acq: 11 Feb 2022 17:59

Tgt Ion:112 Resp: 530511
Ion Ratio Lower Upper
112 100
64 71.2 54.3 81.5
63 37.9 27.5 41.3

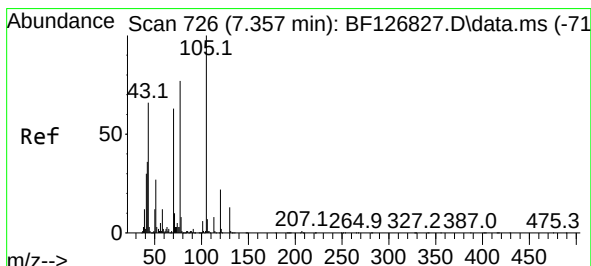
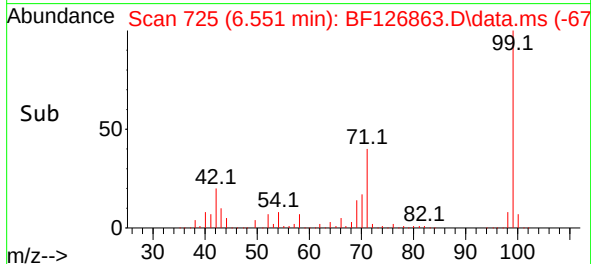
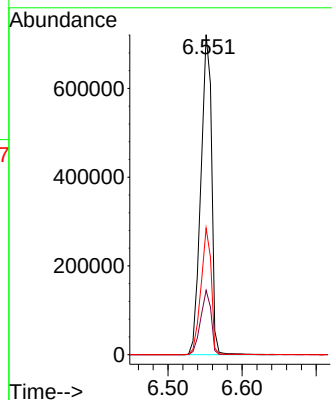
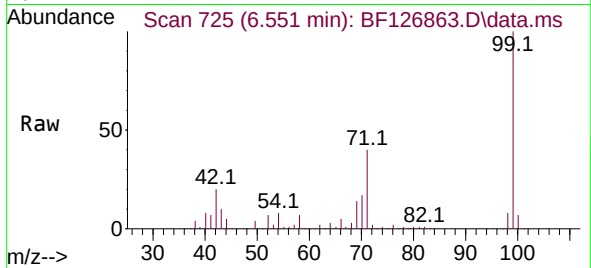




#7
Phenol-d6
Concen: 75.296 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126863.D
Acq: 11 Feb 2022 17:59

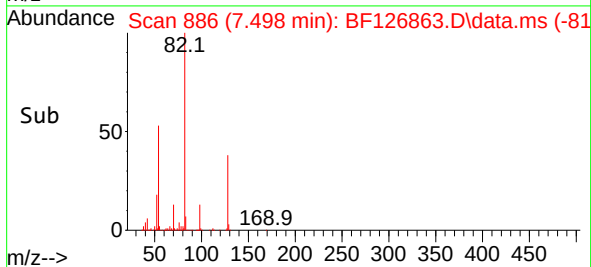
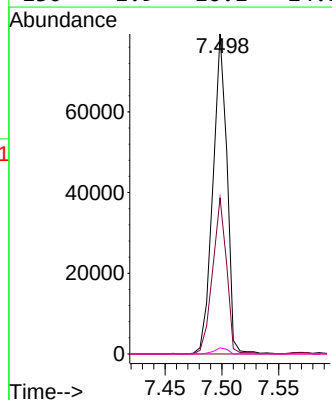
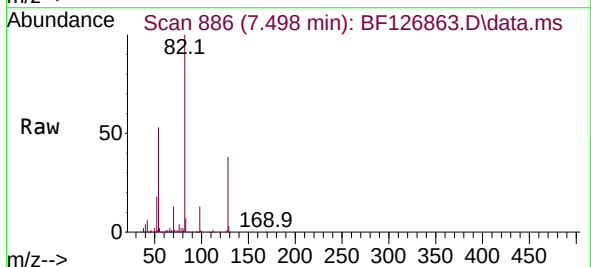
Instrument :
BNA_F
ClientSampleId :
COMP-3

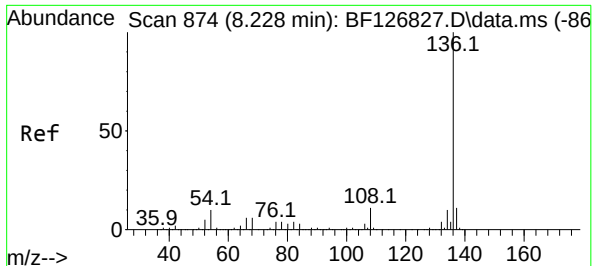
Tgt Ion: 99 Resp: 725943
Ion Ratio Lower Upper
99 100
42 20.1 15.8 23.6
71 39.5 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 11.192 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF126863.D
Acq: 11 Feb 2022 17:59

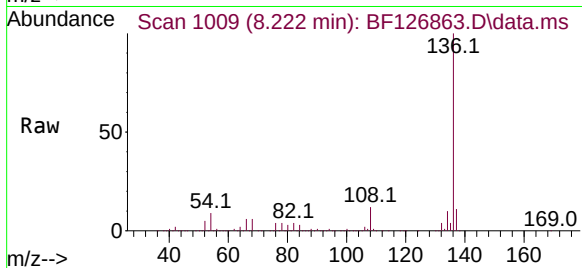
Tgt Ion: 70 Resp: 68328
Ion Ratio Lower Upper
70 100
42 48.8 46.3 69.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#



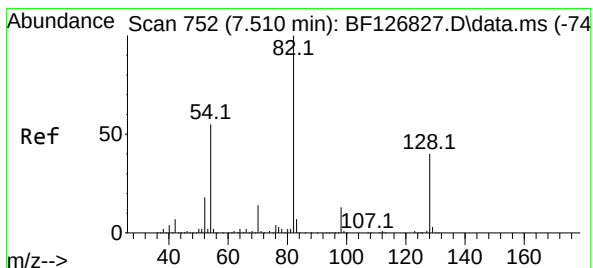
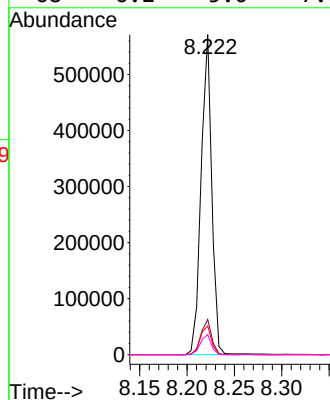
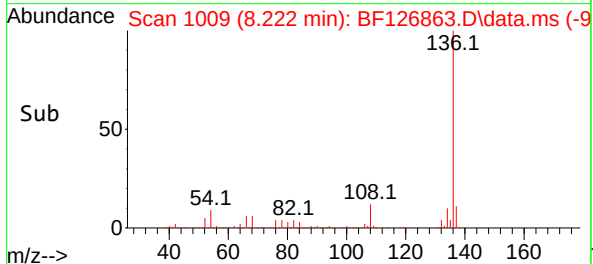


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126863.D
Acq: 11 Feb 2022 17:59

Instrument :
BNA_F
ClientSampleId :
COMP-3

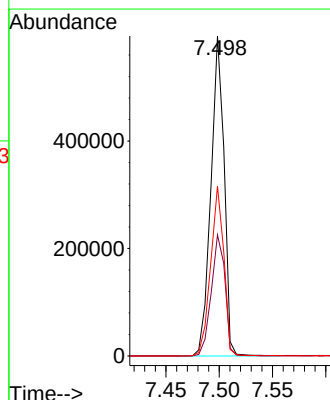
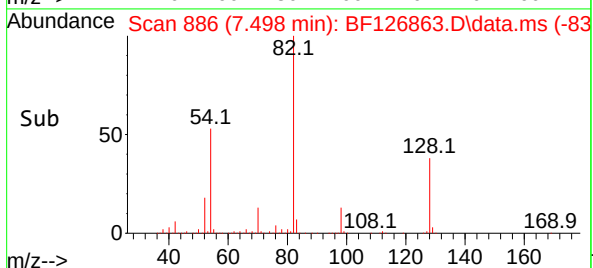
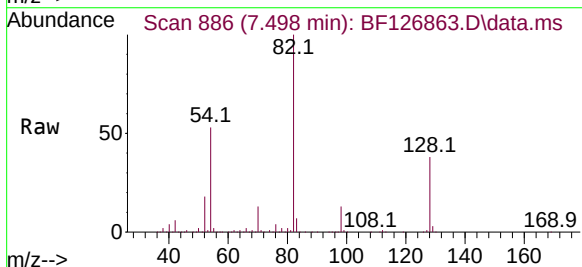


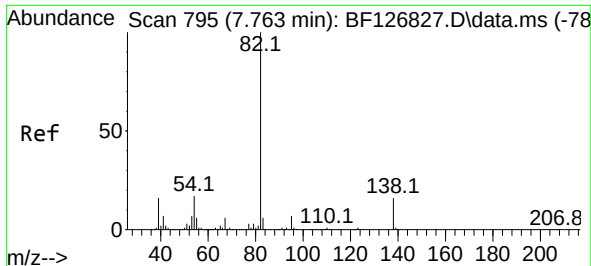
Tgt Ion:136 Resp: 449895
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.0 8.0 12.0
68 6.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 52.730 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF126863.D
Acq: 11 Feb 2022 17:59

Tgt Ion: 82 Resp: 514155
Ion Ratio Lower Upper
82 100
128 37.8 31.6 47.4
54 53.1 43.7 65.5

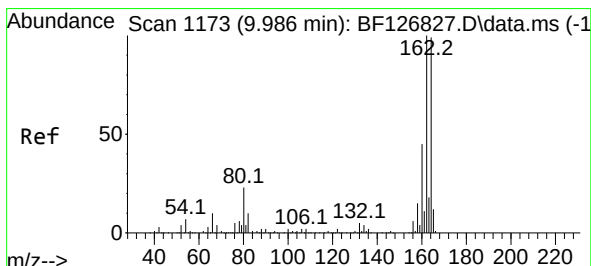
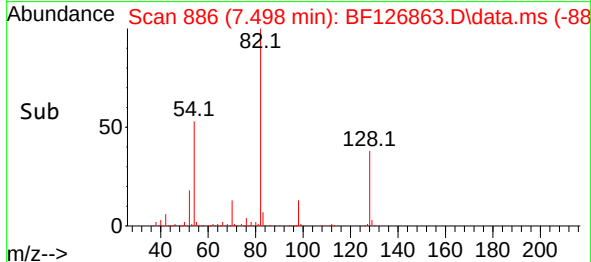
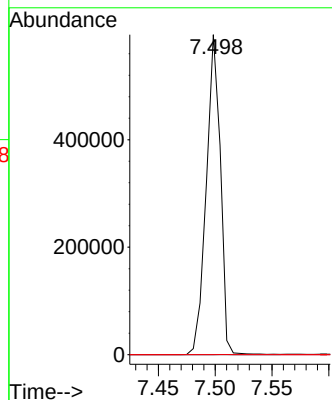
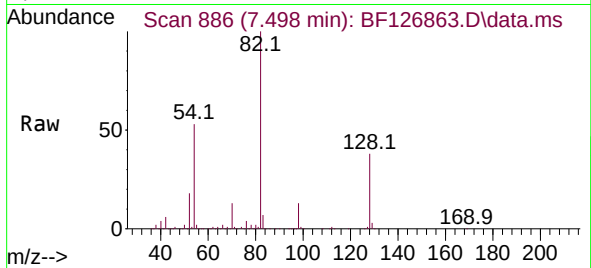




#25
Isophorone
Concen: 31.473 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF126863.D
Acq: 11 Feb 2022 17:59

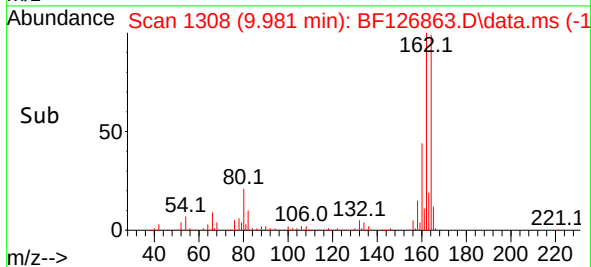
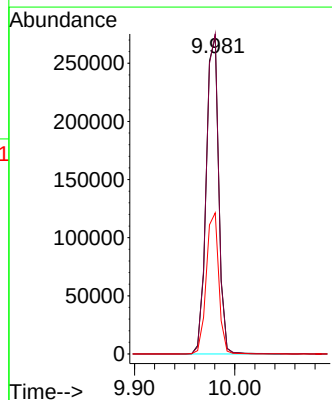
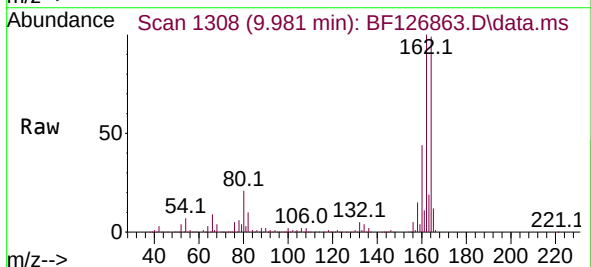
Instrument :
BNA_F
ClientSampleId :
COMP-3

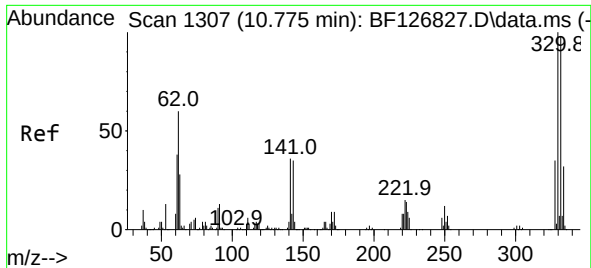
Tgt Ion: 82 Resp: 514149
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.005 min
Lab File: BF126863.D
Acq: 11 Feb 2022 17:59

Tgt Ion: 164 Resp: 237825
Ion Ratio Lower Upper
164 100
162 101.0 80.9 121.3
160 44.5 36.0 54.0

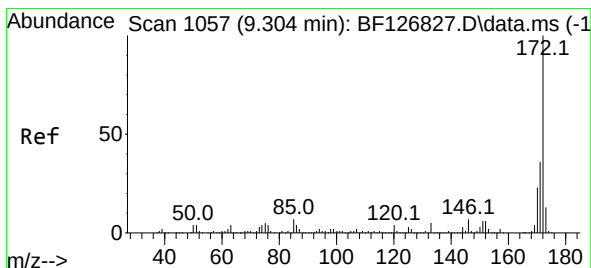
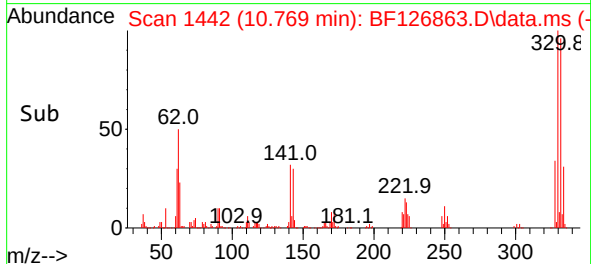
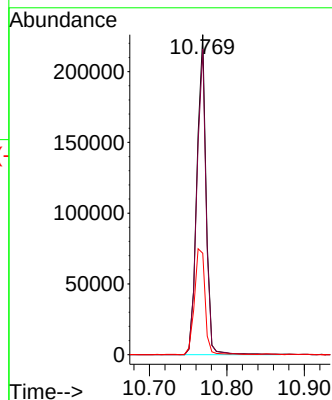
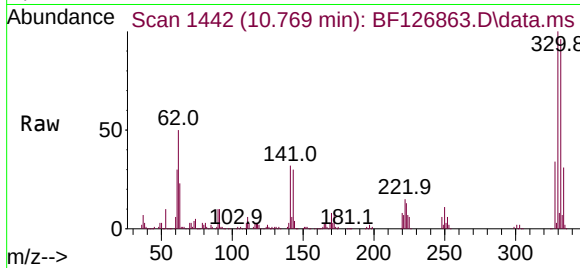




#42
2,4,6-Tribromophenol
Concen: 73.022 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF126863.D
Acq: 11 Feb 2022 17:59

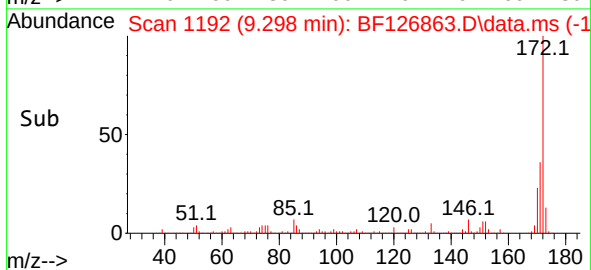
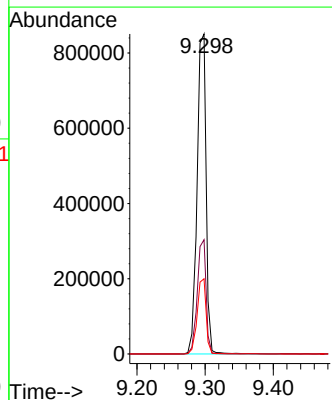
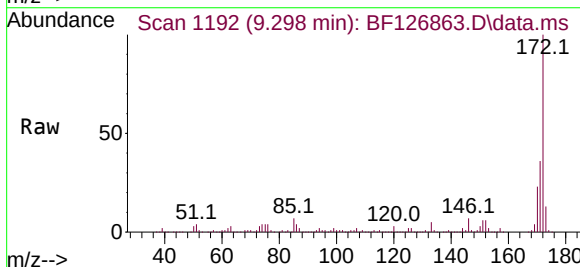
Instrument :
BNA_F
ClientSampleId :
COMP-3

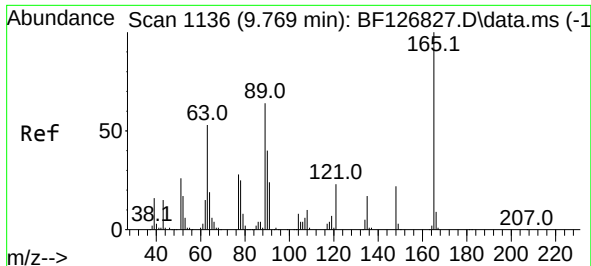
Tgt Ion:330 Resp: 186181
Ion Ratio Lower Upper
330 100
332 95.6 78.2 117.4
141 38.4 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 49.536 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF126863.D
Acq: 11 Feb 2022 17:59

Tgt Ion:172 Resp: 782628
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 23.5 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.936 ng

RT: 9.981 min Scan# 1136

Delta R.T. 0.212 min

Lab File: BF126863.D

Acq: 11 Feb 2022 17:59

Instrument :

BNA_F

ClientSampleId :

COMP-3

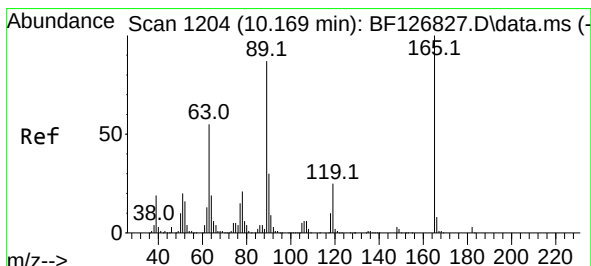
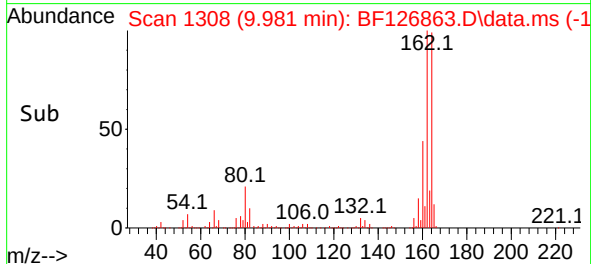
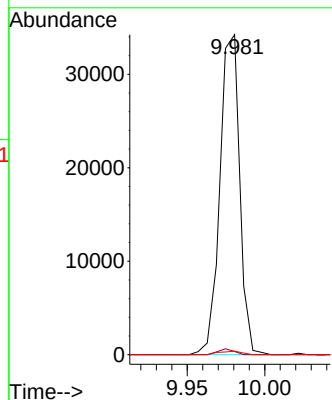
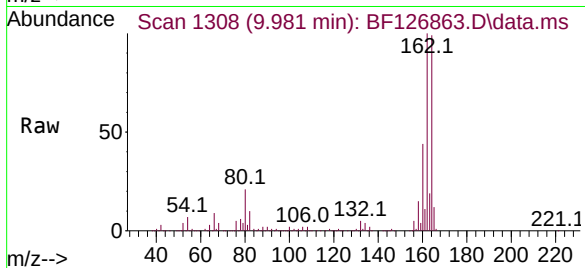
Tgt Ion:165 Resp: 30447

Ion Ratio Lower Upper

165 100

63 1.0 49.9 74.9#

89 1.1 51.0 76.4#



#57

2,4-Dinitrotoluene

Concen: 6.759 ng

RT: 9.981 min Scan# 1308

Delta R.T. -0.188 min

Lab File: BF126863.D

Acq: 11 Feb 2022 17:59

Tgt Ion:165 Resp: 30447

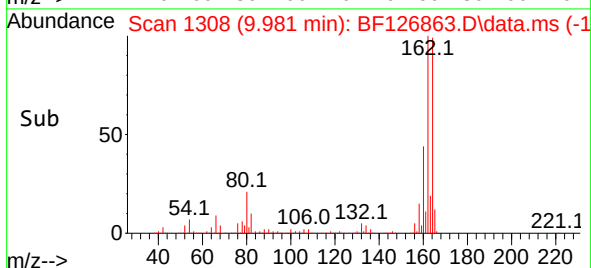
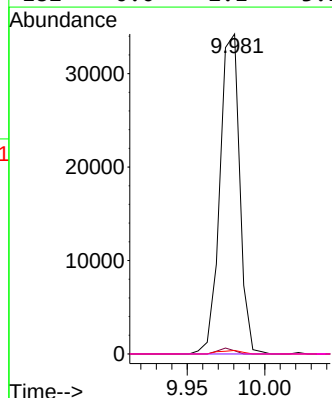
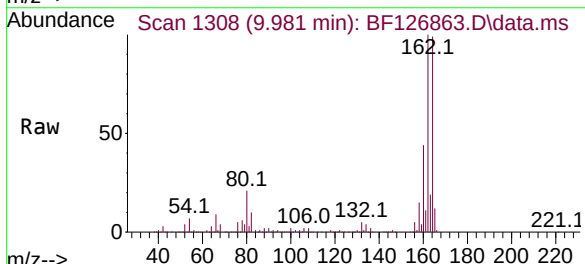
Ion Ratio Lower Upper

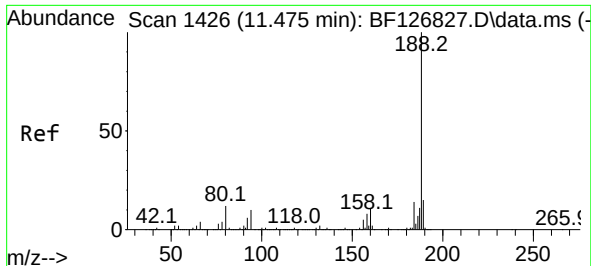
165 100

63 1.0 43.9 65.9#

89 1.1 69.8 104.8#

182 0.0 2.1 3.1#

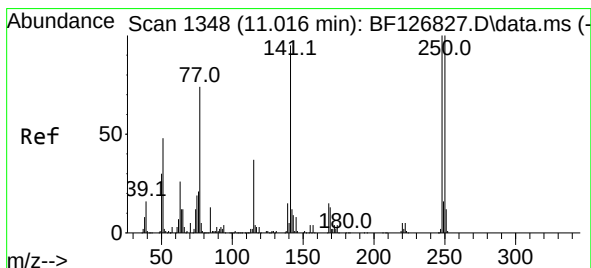
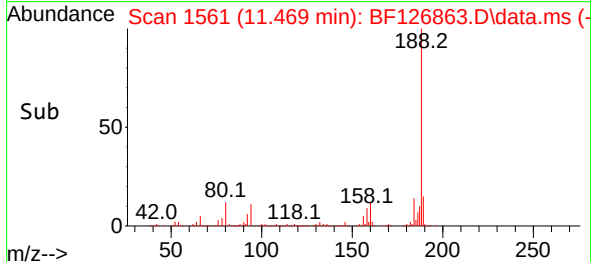
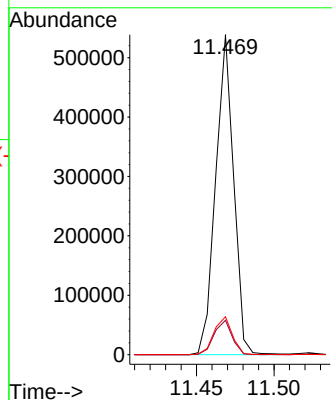
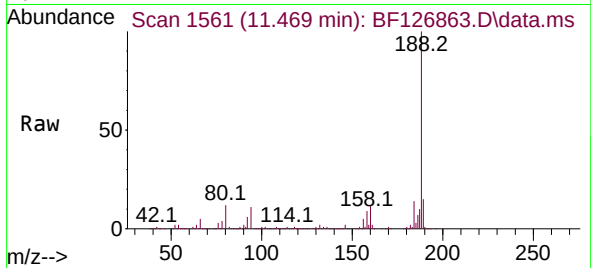




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126863.D
Acq: 11 Feb 2022 17:59

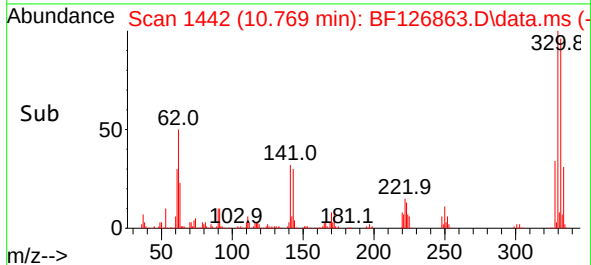
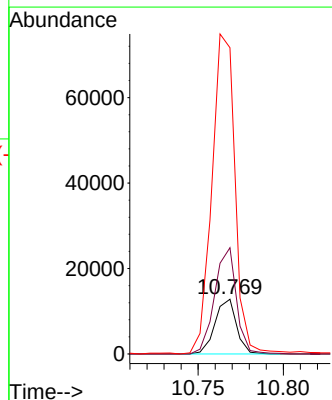
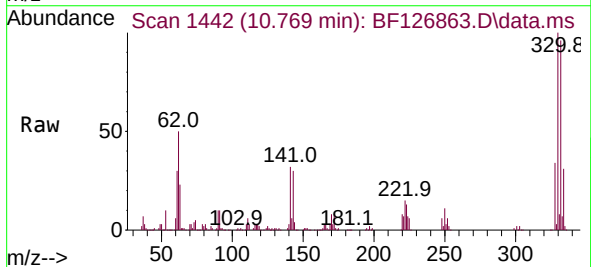
Instrument :
BNA_F
ClientSampleId :
COMP-3

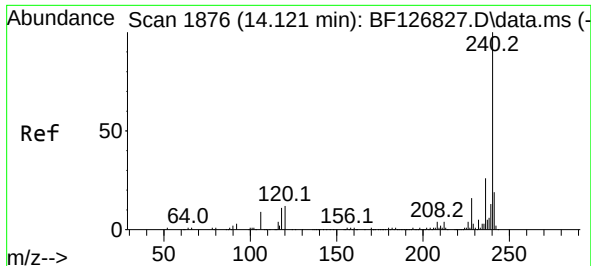
Tgt Ion:188 Resp: 434777
Ion Ratio Lower Upper
188 100
94 10.7 8.1 12.1
80 11.9 9.5 14.3



#67
4-Bromophenyl-phenylether
Concen: 2.382 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.247 min
Lab File: BF126863.D
Acq: 11 Feb 2022 17:59

Tgt Ion:248 Resp: 11255
Ion Ratio Lower Upper
248 100
250 194.3 80.0 120.0#
141 560.3 75.6 113.4#

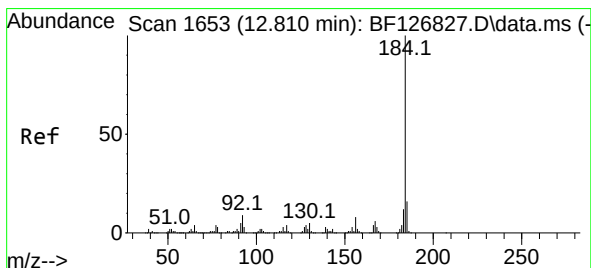
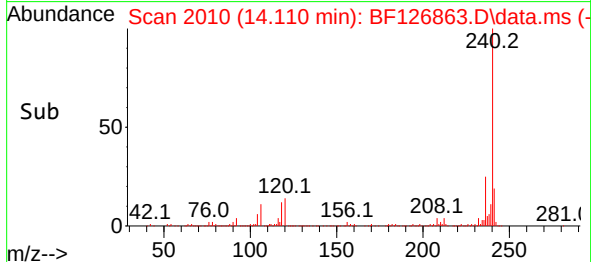
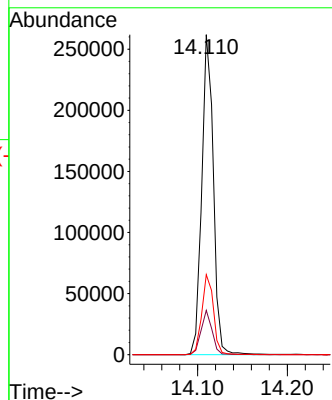
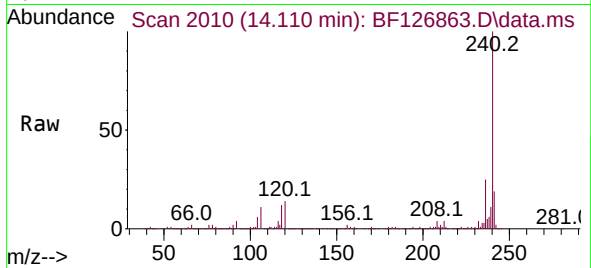




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126863.D
Acq: 11 Feb 2022 17:59

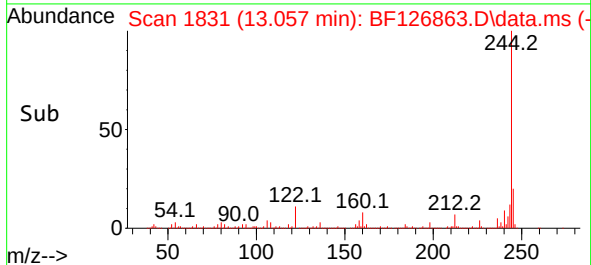
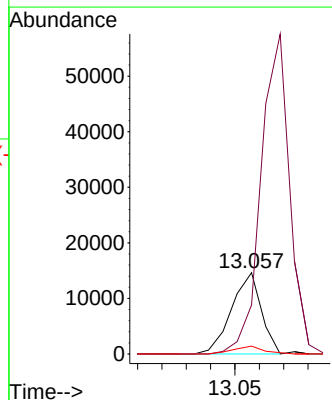
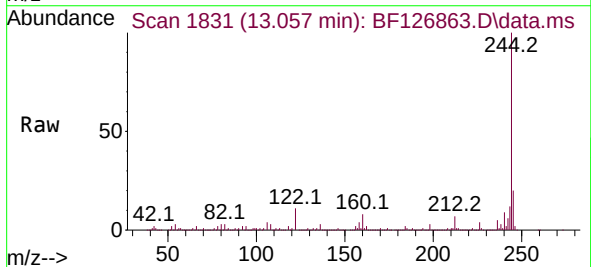
Instrument :
BNA_F
ClientSampleId :
COMP-3

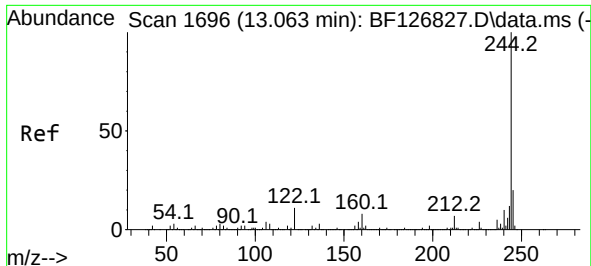
Tgt Ion:240 Resp: 234771
Ion Ratio Lower Upper
240 100
120 13.9 9.8 14.6
236 25.0 20.5 30.7



#77
Benzidine
Concen: 2.008 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.247 min
Lab File: BF126863.D
Acq: 11 Feb 2022 17:59

Tgt Ion:184 Resp: 12406
Ion Ratio Lower Upper
184 100
185 60.3 12.5 18.7#
183 9.7 9.6 14.4

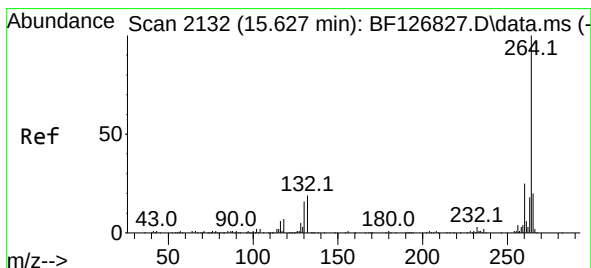
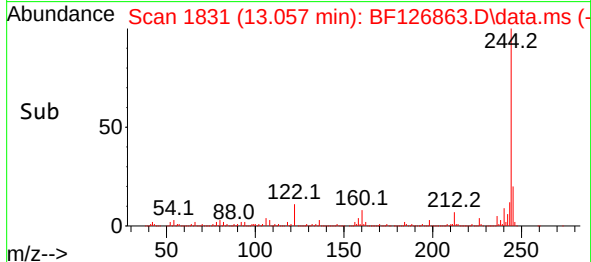
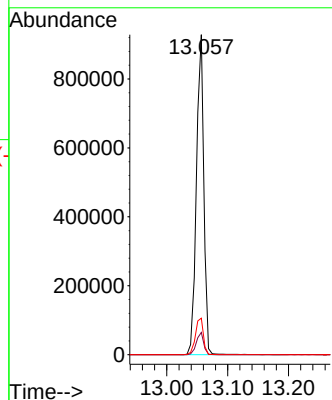
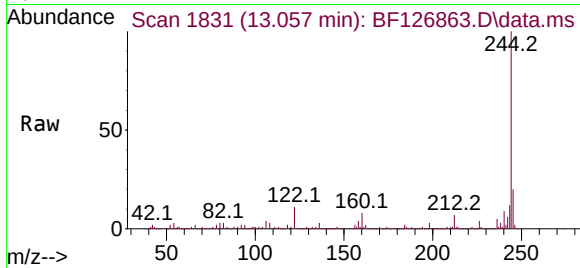




#79
 Terphenyl-d14
 Concen: 47.880 ng
 RT: 13.057 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126863.D
 Acq: 11 Feb 2022 17:59

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Tgt Ion:244 Resp: 784108
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.4 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF126863.D
 Acq: 11 Feb 2022 17:59

Tgt Ion:264 Resp: 213433
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.6 29.4
 265 21.6 15.9 23.9

