

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127391.D
 Acq On : 18 Mar 2022 14:49
 Operator : CG\JU
 Sample : PB143421BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143421BL

Quant Time: Mar 19 01:51:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

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

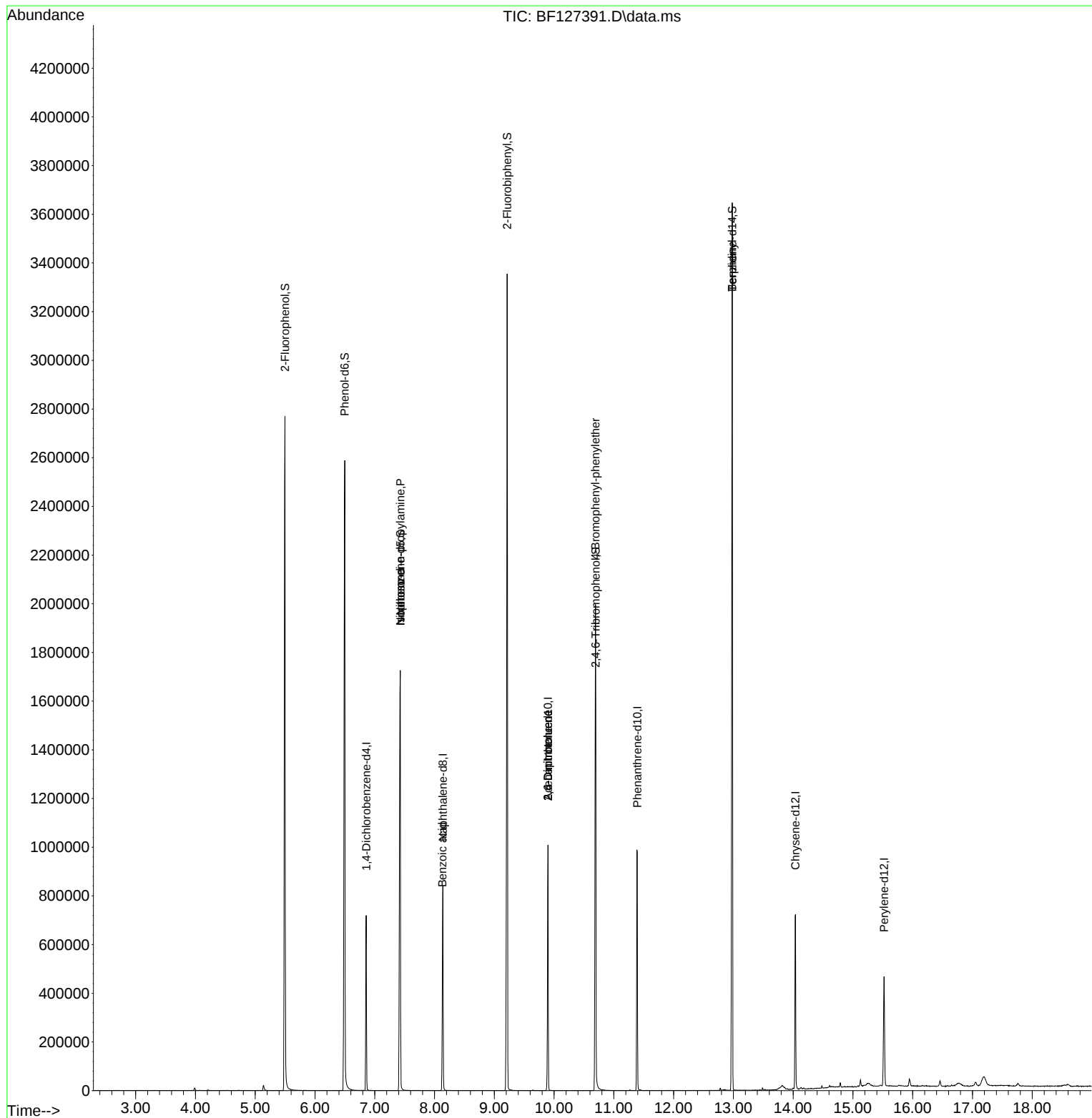
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	100875	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	370179	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	203133	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	382225	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	266648	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	201148	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	701954	111.865	ng	0.02
7) Phenol-d6	6.498	99	960152	111.228	ng	0.00
23) Nitrobenzene-d5	7.428	82	690379	77.020	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	252321	115.388	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1179367	82.083	ng	0.00
79) Terphenyl-d14	12.980	244	1341600	86.637	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.493	77	1545	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	95755	17.776	ng	# 85
25) Isophorone	7.428	82	690370	47.898	ng	# 69
32) Benzoic acid	8.134	122	59	6.637	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	25920	8.803	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	25920	6.691	ng	# 15
67) 4-Bromophenyl-phenylether	10.692	248	17188	3.730	ng	# 1
77) Benzidine	12.980	184	16655	2.456	ng	# 90

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

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Quant Time: Mar 19 01:51:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 19 01:50:04 2022
Response via : Initial Calibration

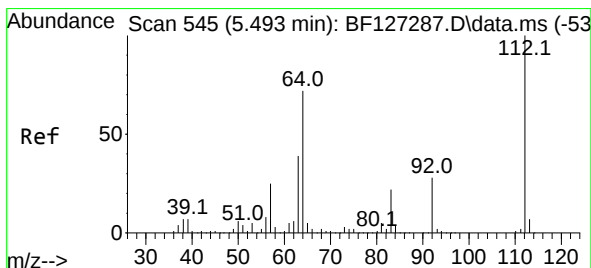
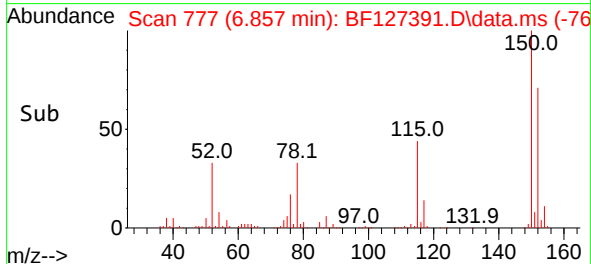
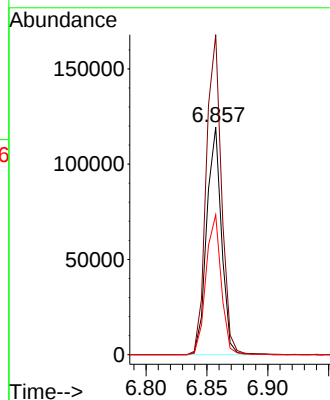
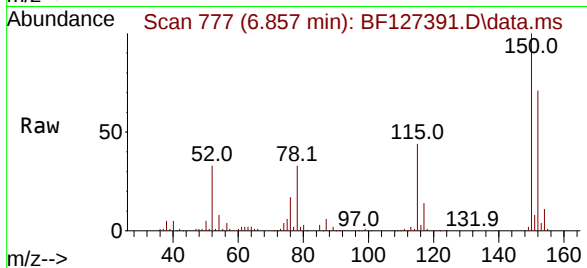




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF127391.D
 Acq: 18 Mar 2022 14:49

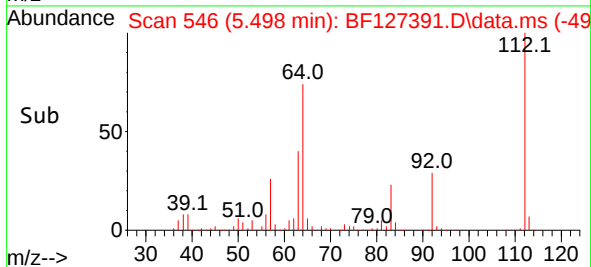
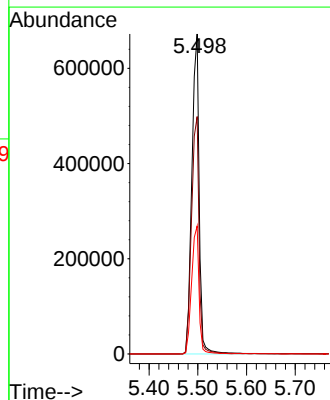
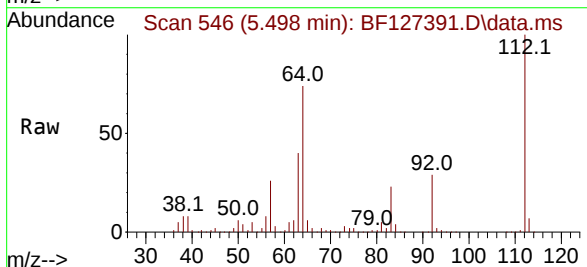
Instrument :
 BNA_F
 ClientSampleId :
 PB143421BL

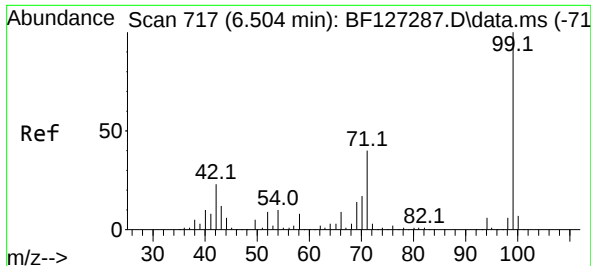
Tgt Ion:152 Resp: 100875
 Ion Ratio Lower Upper
 152 100
 150 140.6 128.1 192.1
 115 61.4 56.7 85.1



#5
 2-Fluorophenol
 Concen: 111.865 ng
 RT: 5.498 min Scan# 546
 Delta R.T. 0.018 min
 Lab File: BF127391.D
 Acq: 18 Mar 2022 14:49

Tgt Ion:112 Resp: 701954
 Ion Ratio Lower Upper
 112 100
 64 74.2 49.5 74.3
 63 40.0 23.9 35.9#





#7

Phenol-d6

Concen: 111.228 ng

RT: 6.498 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF127391.D

Acq: 18 Mar 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB143421BL

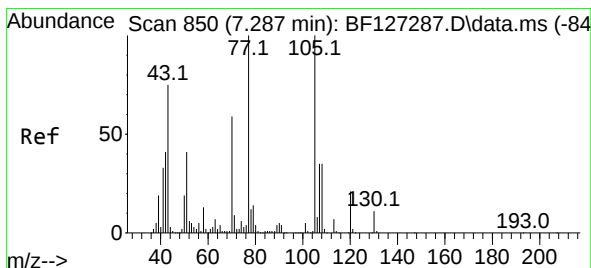
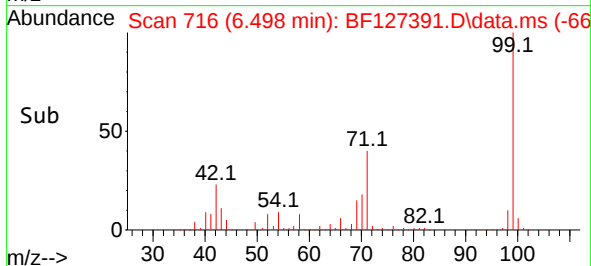
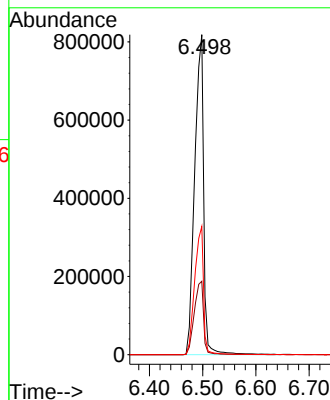
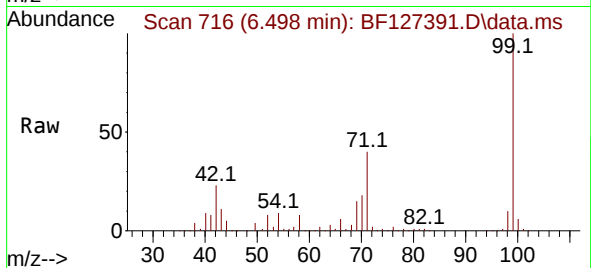
Tgt Ion: 99 Resp: 960152

Ion Ratio Lower Upper

99 100

42 22.9 14.2 21.4#

71 40.1 24.3 36.5#



#19

n-Nitroso-di-n-propylamine

Concen: 17.776 ng

RT: 7.428 min Scan# 874

Delta R.T. 0.147 min

Lab File: BF127391.D

Acq: 18 Mar 2022 14:49

Tgt Ion: 70 Resp: 95755

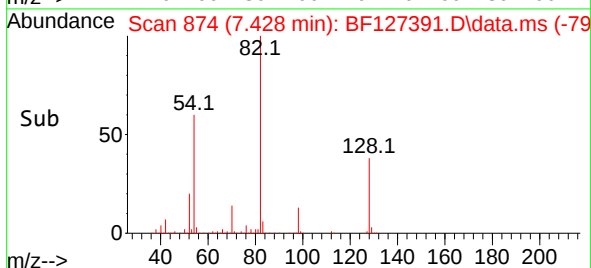
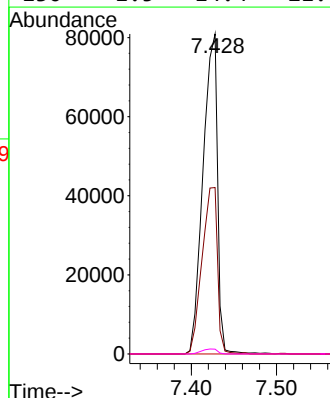
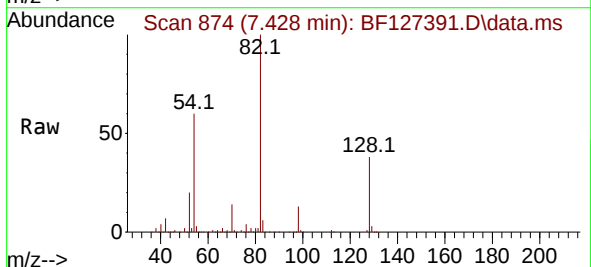
Ion Ratio Lower Upper

70 100

42 52.0 45.8 68.8

101 0.0 6.9 10.3#

130 1.5 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF127391.D

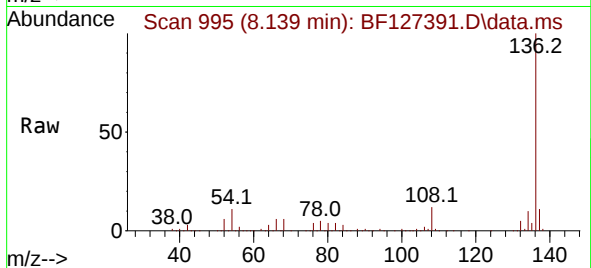
Acq: 18 Mar 2022 14:49

Instrument :

BNA_F

ClientSampleId :

PB143421BL



Tgt Ion:136 Resp: 370179

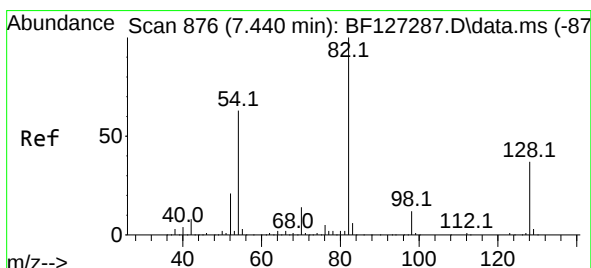
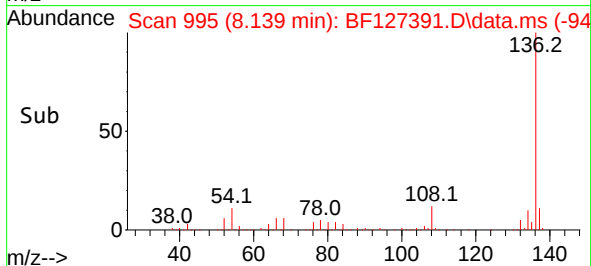
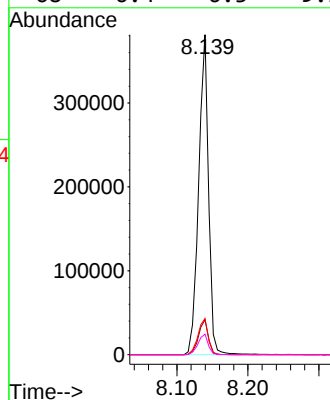
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 11.3 7.8 11.6

68 6.4 6.3 9.5



#23

Nitrobenzene-d5

Concen: 77.020 ng

RT: 7.428 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF127391.D

Acq: 18 Mar 2022 14:49

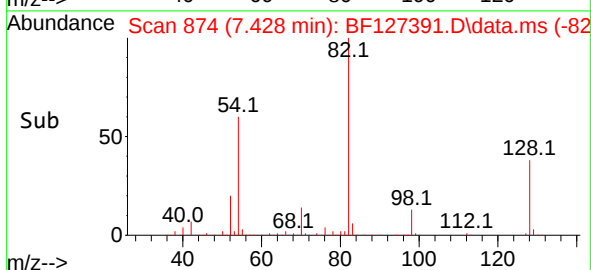
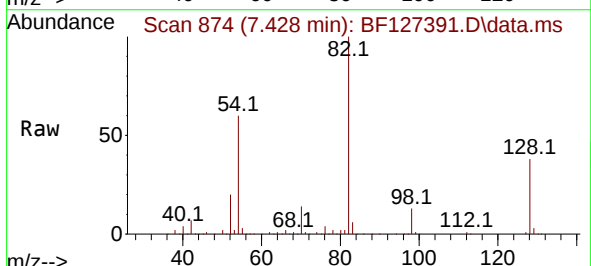
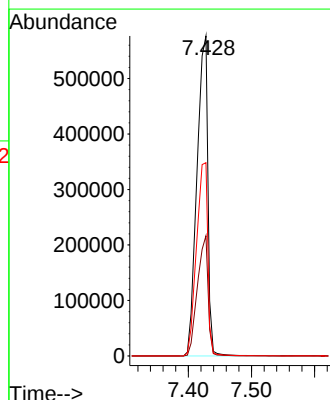
Tgt Ion: 82 Resp: 690379

Ion Ratio Lower Upper

82 100

128 37.6 32.7 49.1

54 60.4 41.7 62.5

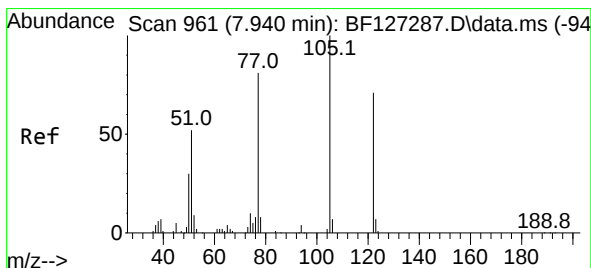
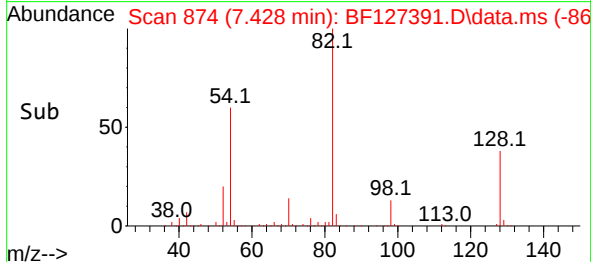
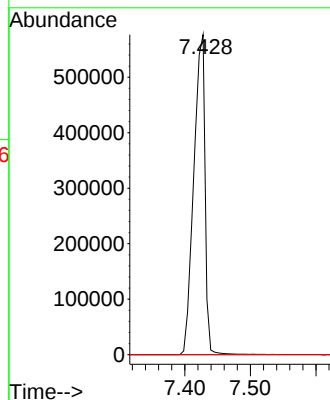
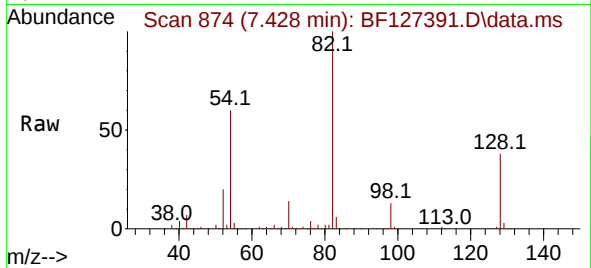




#25
Isophorone
Concen: 47.898 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

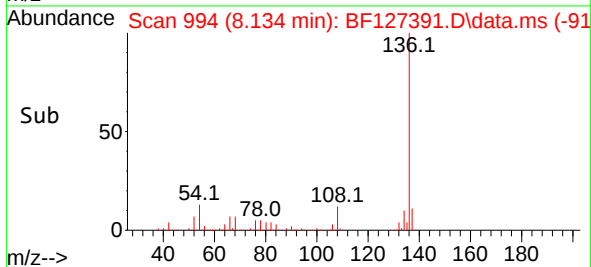
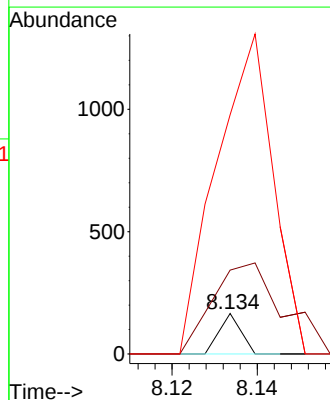
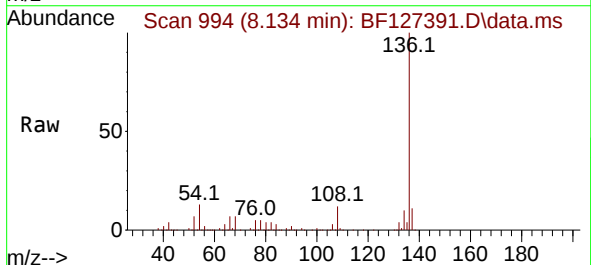
Instrument :
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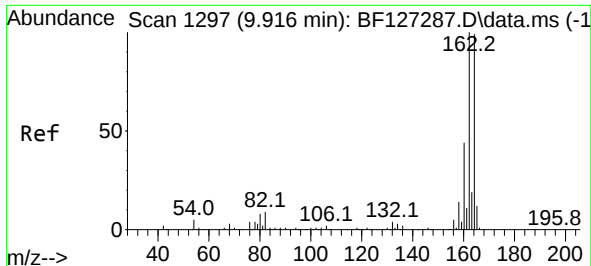
Tgt Ion: 82 Resp: 690370
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 6.637 ng
RT: 8.134 min Scan# 994
Delta R.T. 0.182 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

Tgt Ion: 122 Resp: 59
Ion Ratio Lower Upper
122 100
105 206.6 101.0 141.0#
77 589.2 74.5 114.5#

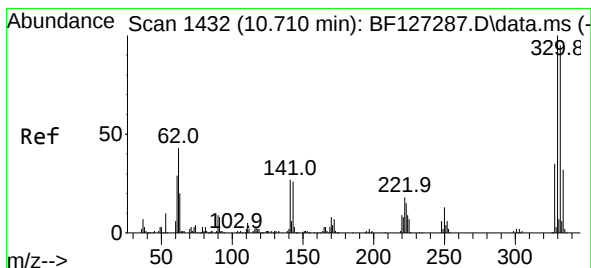
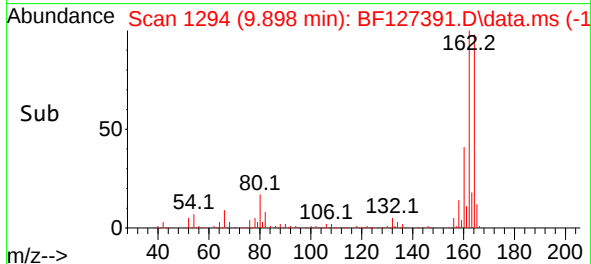
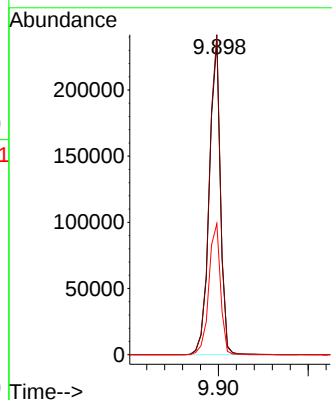
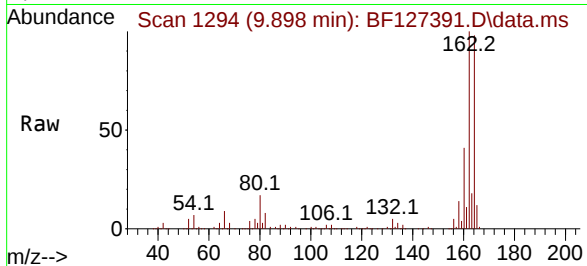




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

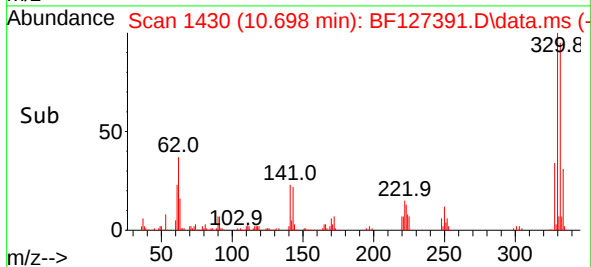
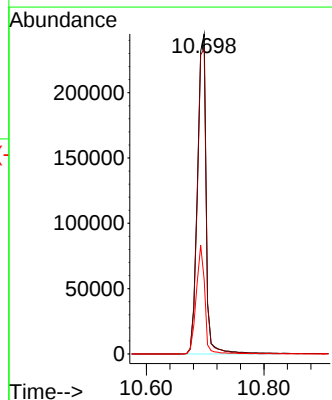
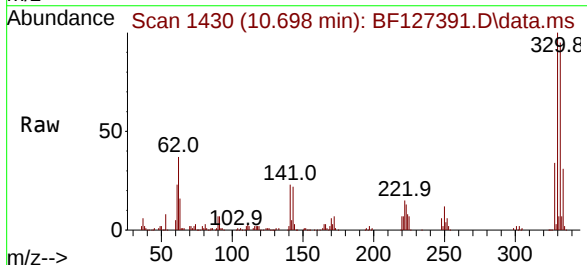
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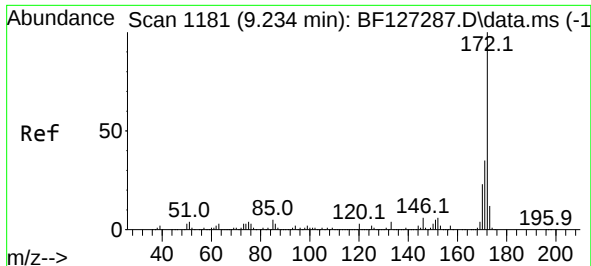
Tgt Ion:164 Resp: 203133
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 41.8 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 115.388 ng
RT: 10.698 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

Tgt Ion:330 Resp: 252321
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 33.3 30.1 45.1

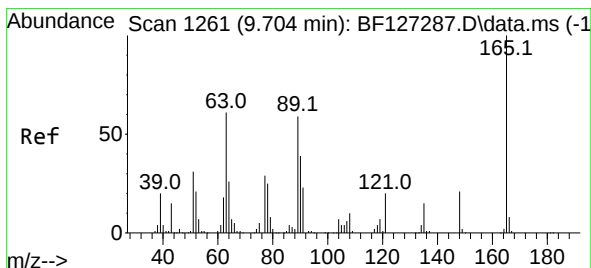
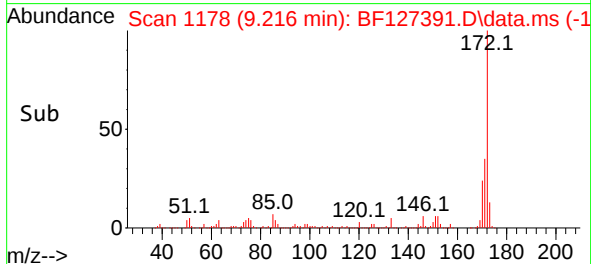
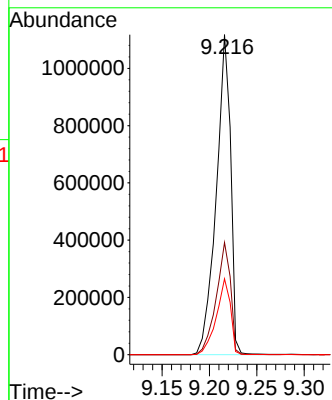
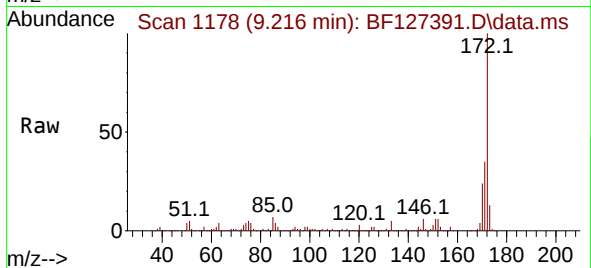




#45
2-Fluorobiphenyl
Concen: 82.083 ng
RT: 9.216 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

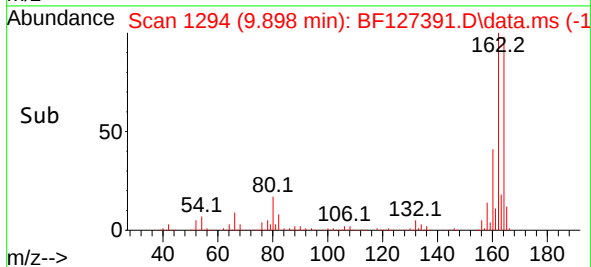
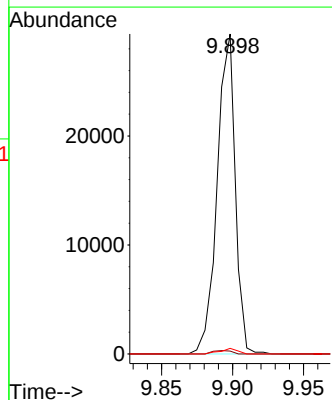
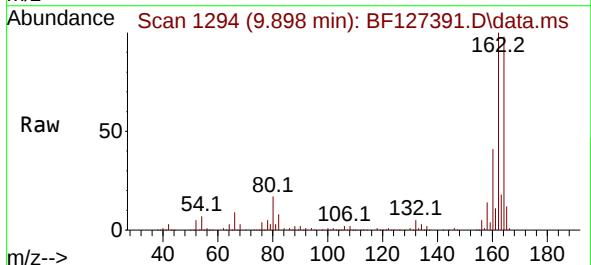
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ClientSampleId :
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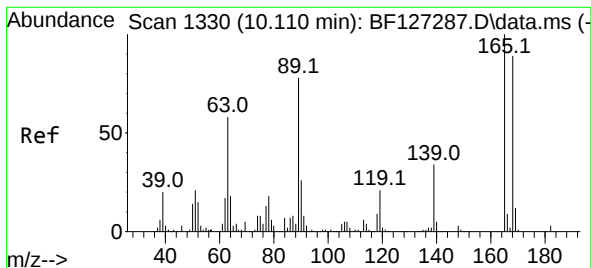
Tgt Ion:172 Resp: 1179367
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.7 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.803 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.206 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

Tgt Ion:165 Resp: 25920
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.8 50.5 75.7#

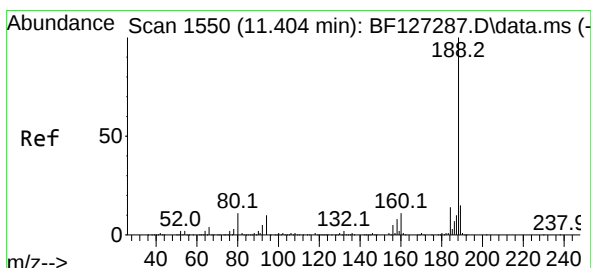
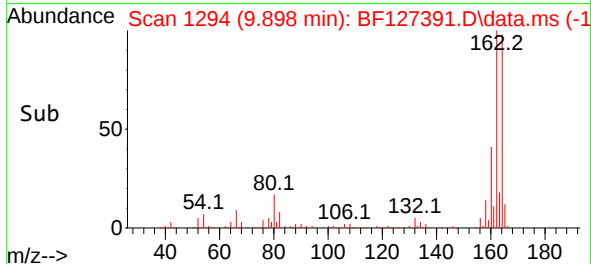
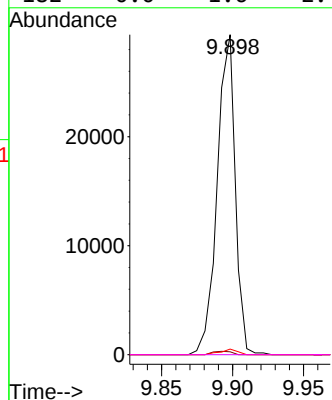
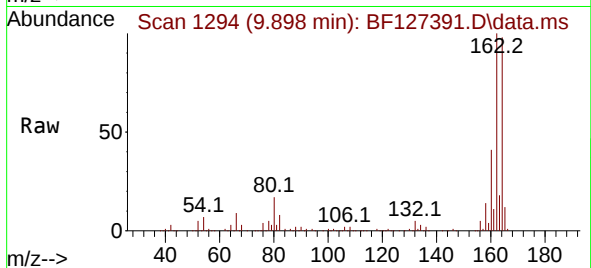




#57
2,4-Dinitrotoluene
Concen: 6.691 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

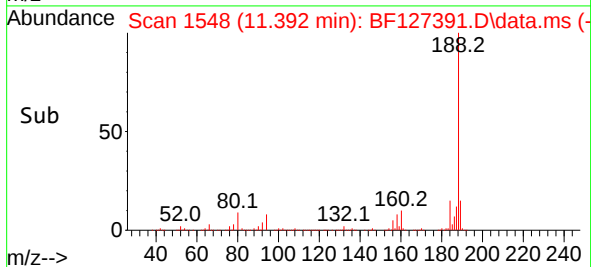
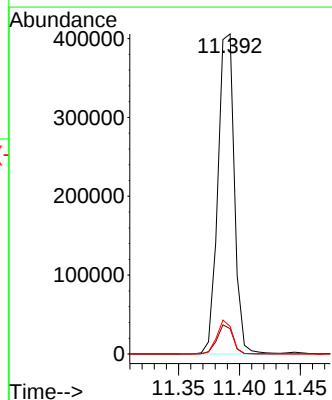
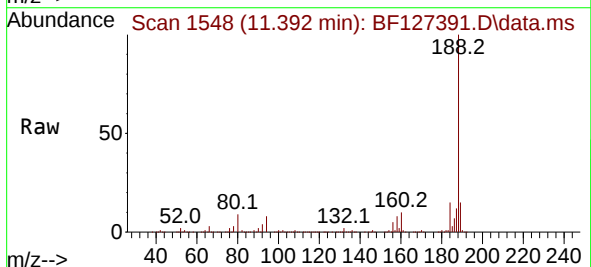
Instrument :
BNA_F
ClientSampleId :
PB143421BL

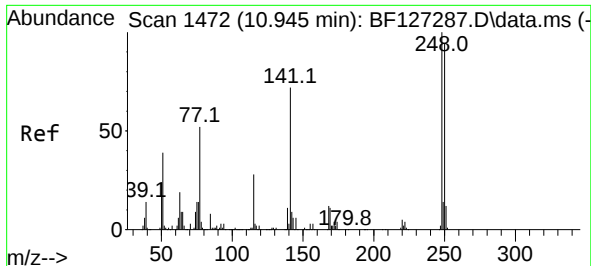
Tgt Ion:165 Resp: 25920
Ion Ratio Lower Upper
165 100
63 0.9 43.0 64.6#
89 1.8 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

Tgt Ion:188 Resp: 382225
Ion Ratio Lower Upper
188 100
94 7.9 10.1 15.1#
80 8.6 11.8 17.6#

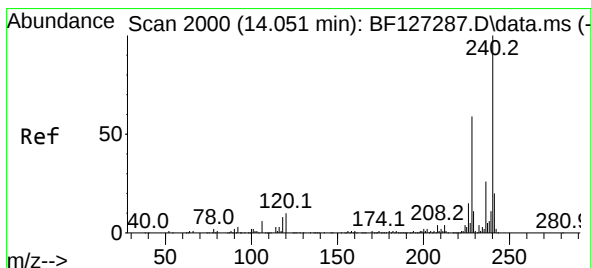
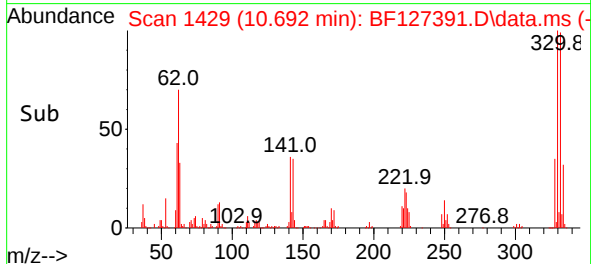
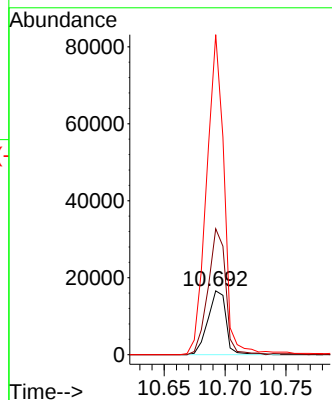
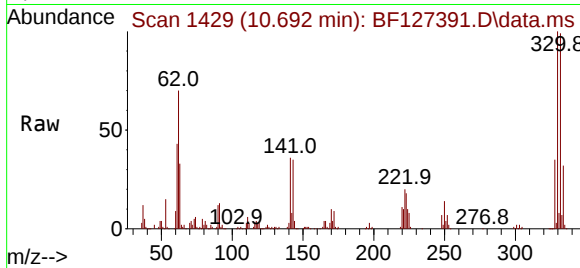




#67
4-Bromophenyl-phenylether
Concen: 3.730 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

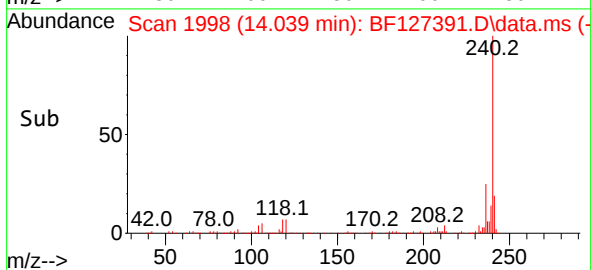
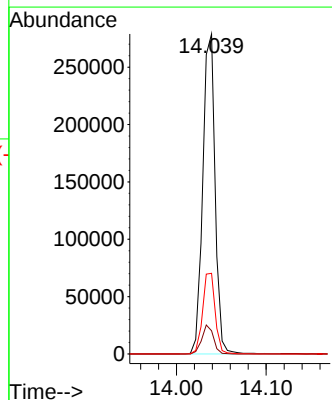
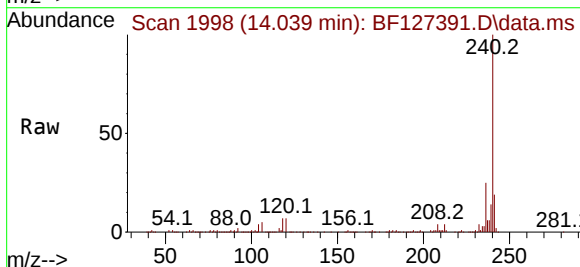
Instrument :
BNA_F
ClientSampleId :
PB143421BL

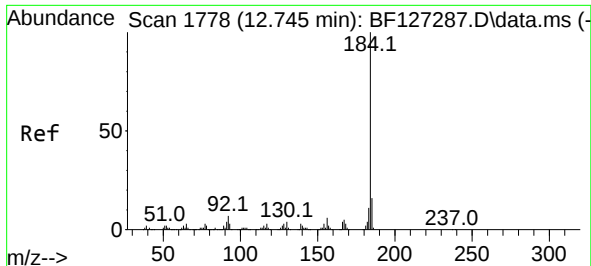
Tgt Ion:248 Resp: 17188
Ion Ratio Lower Upper
248 100
250 197.2 76.2 114.4#
141 501.2 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

Tgt Ion:240 Resp: 266648
Ion Ratio Lower Upper
240 100
120 7.2 14.4 21.6#
236 25.2 20.5 30.7

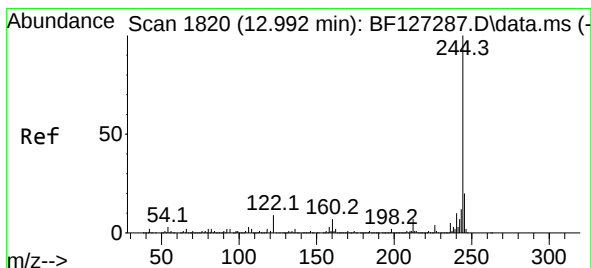
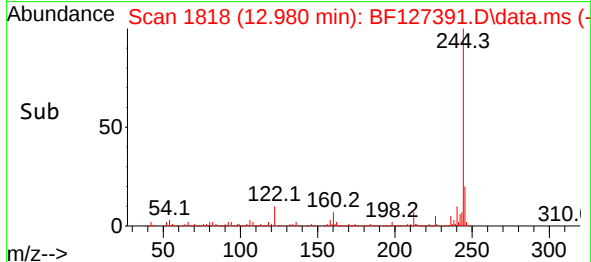
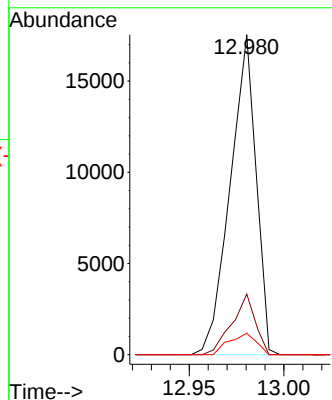
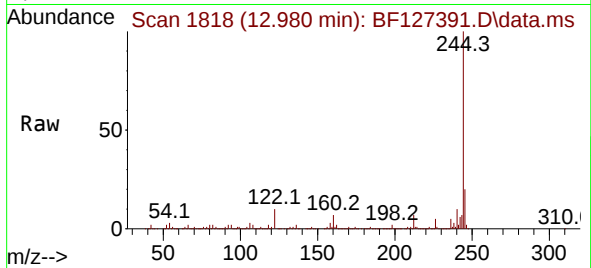




#77
Benzidine
Concen: 2.456 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

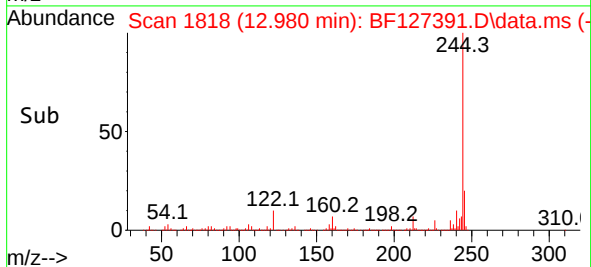
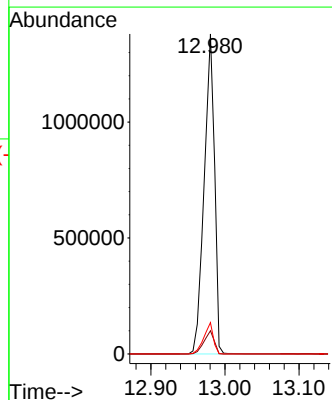
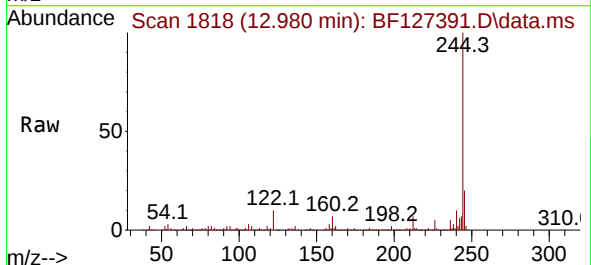
Instrument :
BNA_F
ClientSampleId :
PB143421BL

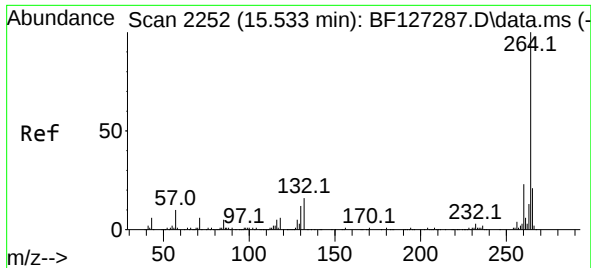
Tgt Ion:184 Resp: 16655
Ion Ratio Lower Upper
184 100
185 18.9 11.8 17.8#
183 6.7 8.2 12.2#



#79
Terphenyl-d14
Concen: 86.637 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

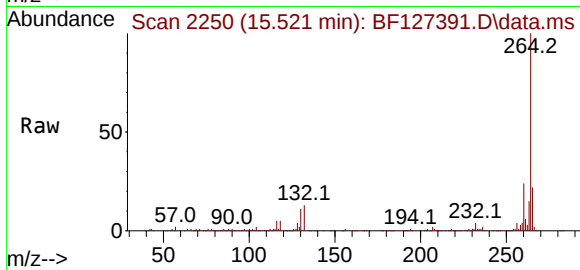
Tgt Ion:244 Resp: 1341600
Ion Ratio Lower Upper
244 100
212 7.2 5.0 7.4
122 9.8 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127391.D
Acq: 18 Mar 2022 14:49

Instrument :
BNA_F
ClientSampleId :
PB143421BL



Tgt Ion:264 Resp: 201148
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.7 17.4 26.2

