

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127799.D
 Acq On : 15 Apr 2022 12:02
 Operator : CG\JU
 Sample : PB144103TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144103TB

Quant Time: Apr 18 01:23:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

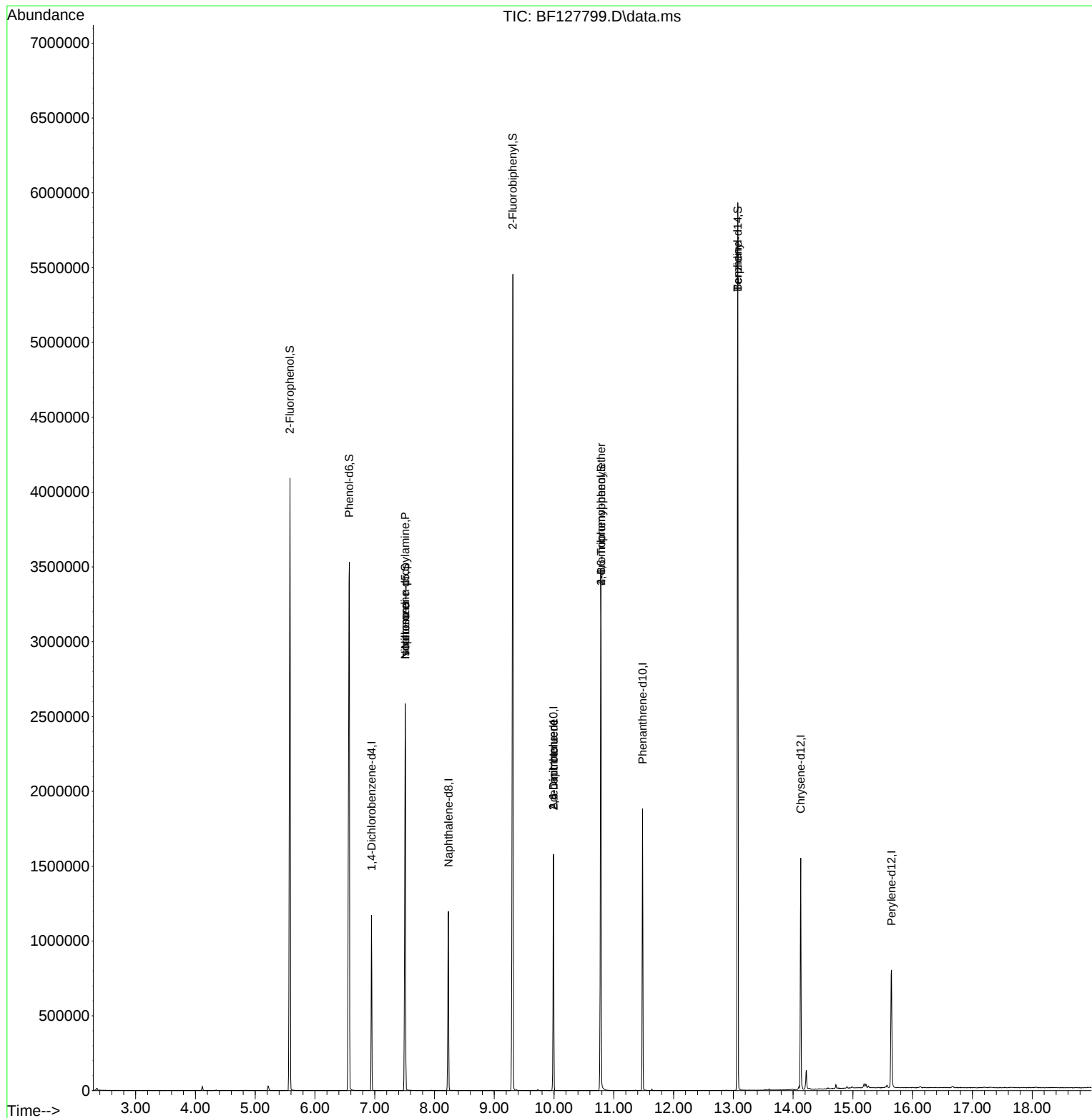
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	159003	20.000	ng	-0.02
21) Naphthalene-d8	8.234	136	580608	20.000	ng	#-0.01
39) Acenaphthene-d10	9.992	164	338997	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	649538	20.000	ng	-0.01
76) Chrysene-d12	14.127	240	530860	20.000	ng	-0.02
86) Perylene-d12	15.645	264	392403	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1142450	116.751	ng	0.00
7) Phenol-d6	6.575	99	1448508	113.153	ng	-0.01
23) Nitrobenzene-d5	7.510	82	1037913	79.695	ng	-0.02
42) 2,4,6-Tribromophenol	10.786	330	463160	128.390	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	1848456	77.138	ng	-0.01
79) Terphenyl-d14	13.074	244	2250677	69.980	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.569	77	2713	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.510	70	141304	17.066	ng	# 74
25) Isophorone	7.510	82	1025722	45.136	ng	# 70
51) 2,6-Dinitrotoluene	9.992	165	44304	9.565	ng	# 17
57) 2,4-Dinitrotoluene	9.992	165	44304	7.715	ng	# 14
67) 4-Bromophenyl-phenylether	10.786	248	29842	3.786	ng	# 1
77) Benizidine	13.074	184	31418	2.267	ng	# 93

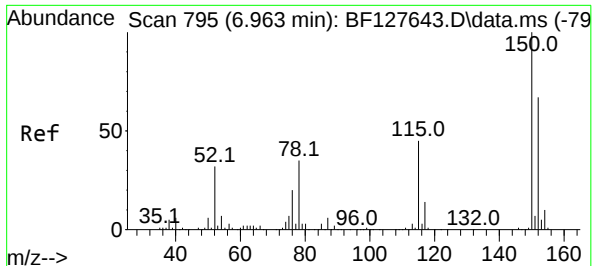
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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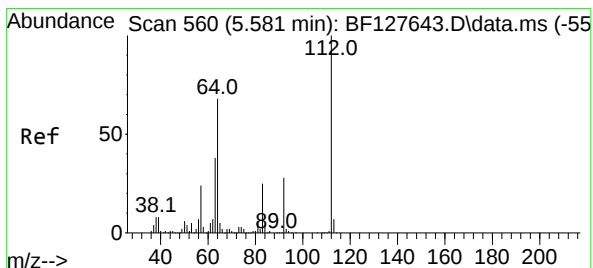
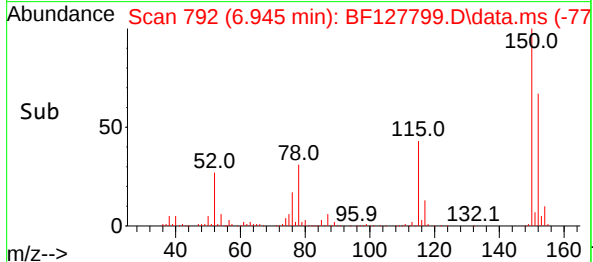
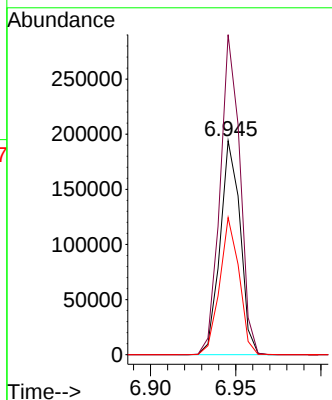
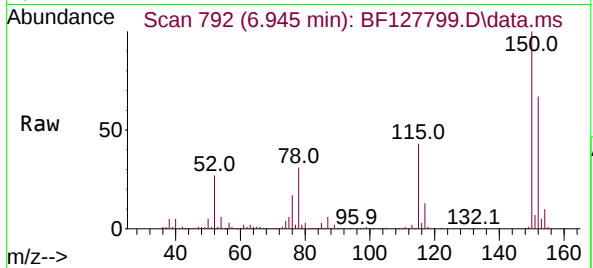




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.018 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

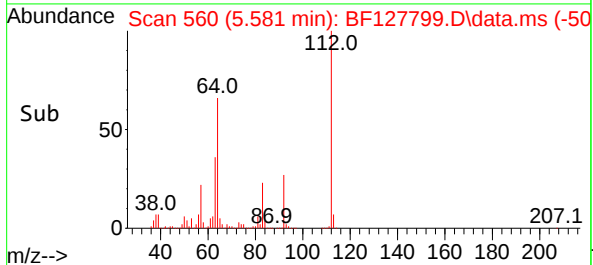
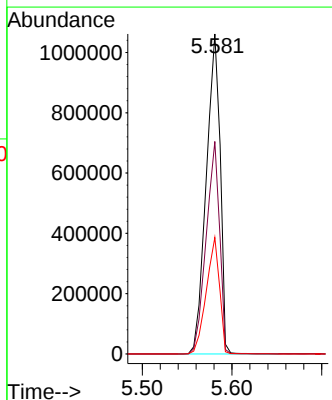
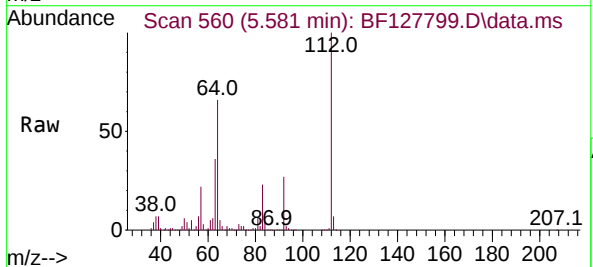
Instrument :
BNA_F
ClientSampleId :
PB144103TB

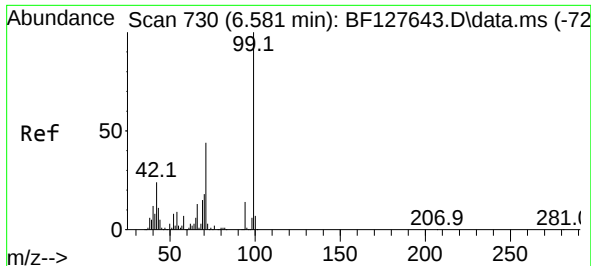
Tgt Ion:152 Resp: 159003
Ion Ratio Lower Upper
152 100
150 149.6 117.2 175.8
115 64.1 49.8 74.6



#5
2-Fluorophenol
Concen: 116.751 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.000 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

Tgt Ion:112 Resp: 1142450
Ion Ratio Lower Upper
112 100
64 66.4 58.4 87.6
63 36.4 30.1 45.1

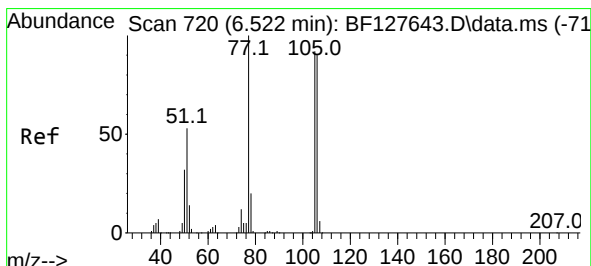
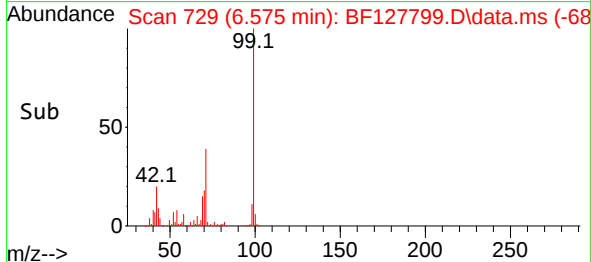
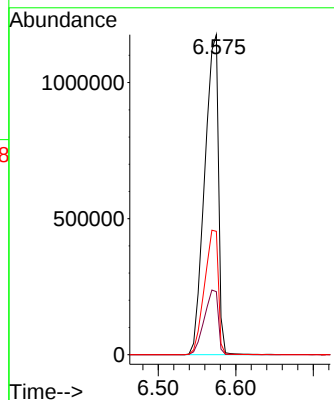
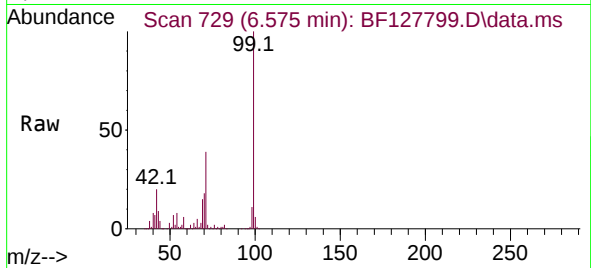




#7
Phenol-d6
Concen: 113.153 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

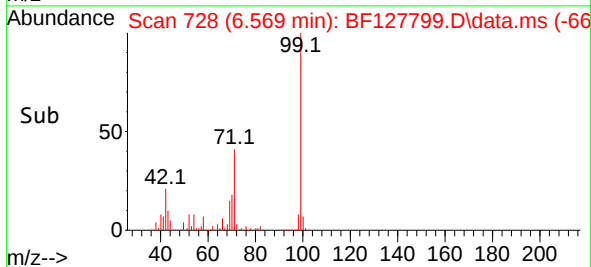
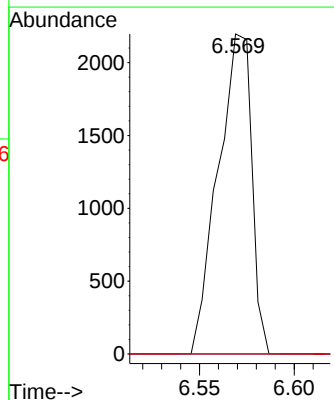
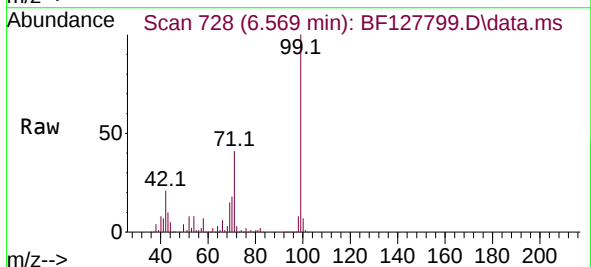
Instrument :
BNA_F
ClientSampleId :
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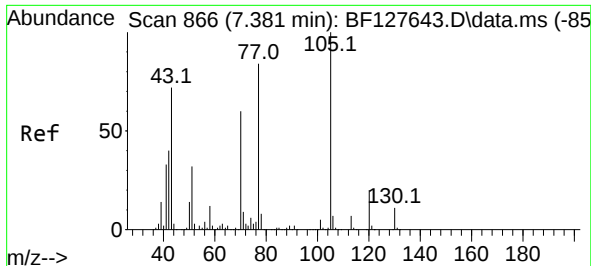
Tgt Ion: 99 Resp: 1448508
Ion Ratio Lower Upper
99 100
42 19.7 17.8 26.6
71 38.6 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.569 min Scan# 728
Delta R.T. 0.053 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

Tgt Ion: 77 Resp: 2713
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

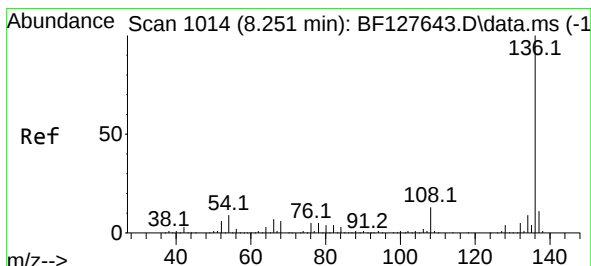
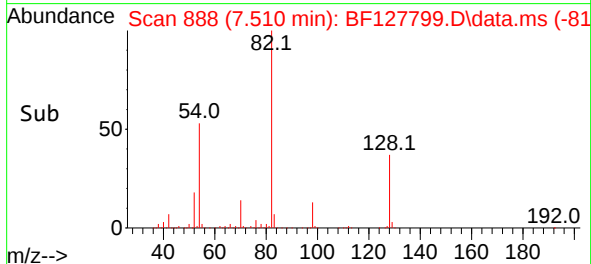
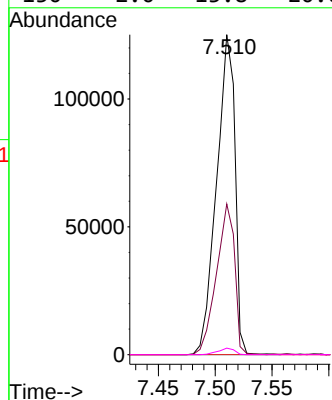
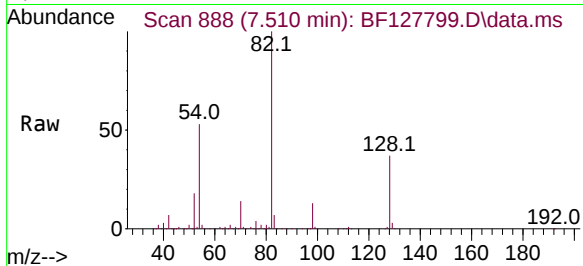




#19
n-Nitroso-di-n-propylamine
Concen: 17.066 ng
RT: 7.510 min Scan# 81
Delta R.T. 0.135 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

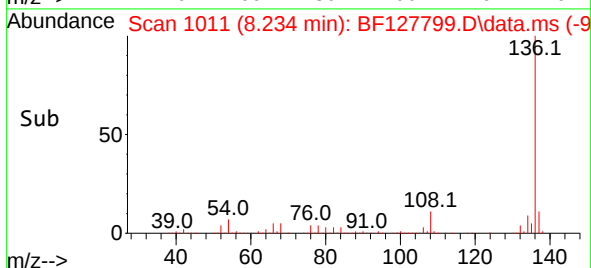
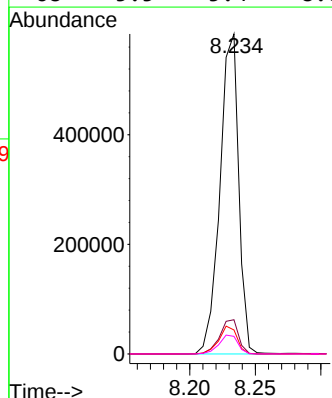
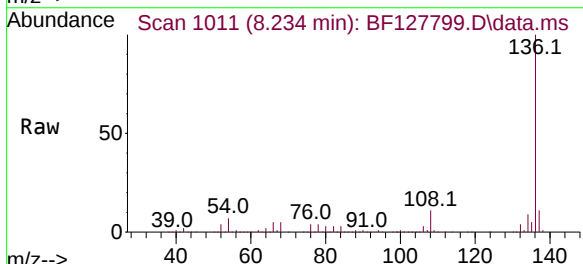
Instrument :
BNA_F
ClientSampleId :
PB144103TB

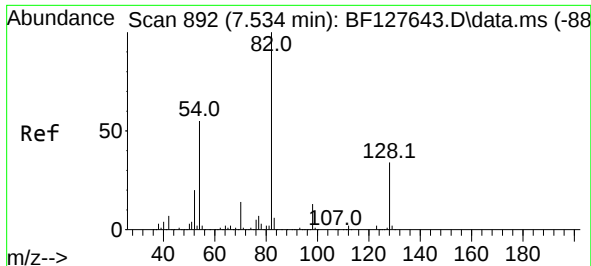
Tgt Ion: 70 Resp: 141304
Ion Ratio Lower Upper
70 100
42 47.1 53.0 79.6#
101 0.0 6.8 10.2#
130 2.0 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

Tgt Ion: 136 Resp: 580608
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.5 9.2 13.8#
68 5.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 79.695 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.018 min

Lab File: BF127799.D

Acq: 15 Apr 2022 12:02

Instrument :

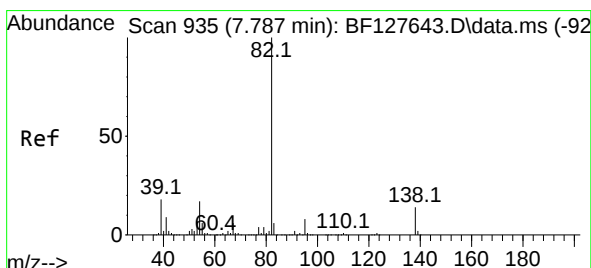
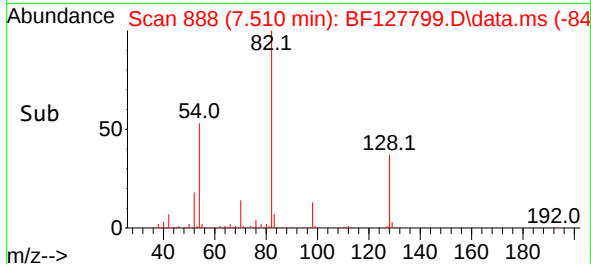
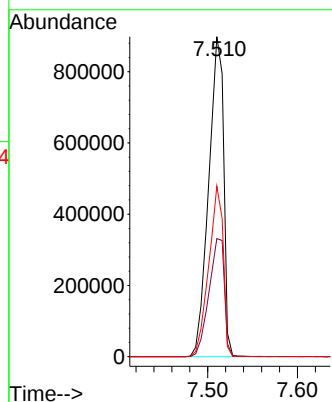
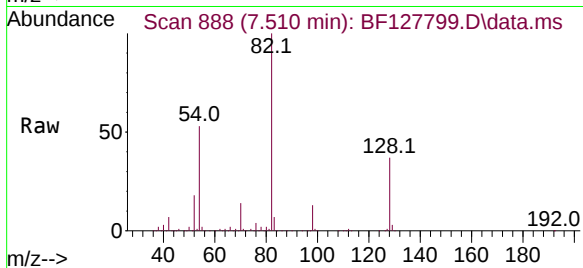
BNA_F

ClientSampleId :

PB144103TB

Tgt Ion: 82 Resp: 1037913

Ion	Ratio	Lower	Upper
82	100		
128	36.9	30.6	45.8
54	53.3	48.2	72.2



#25

Isophorone

Concen: 45.136 ng

RT: 7.510 min Scan# 888

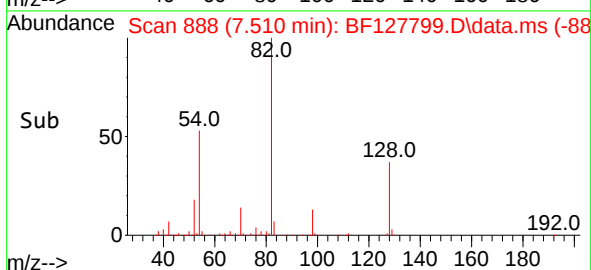
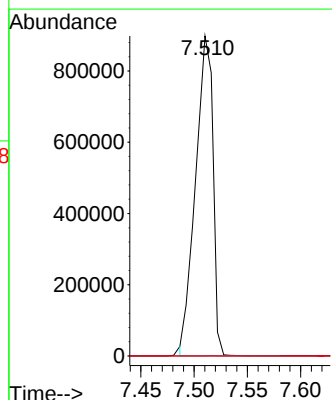
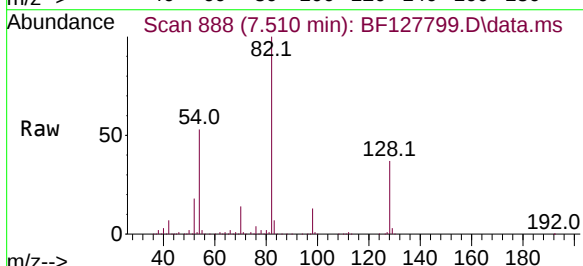
Delta R.T. -0.276 min

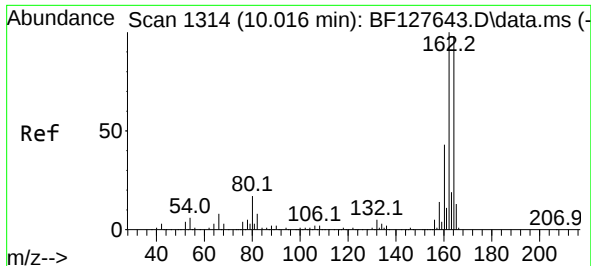
Lab File: BF127799.D

Acq: 15 Apr 2022 12:02

Tgt Ion: 82 Resp: 1025722

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	11.6	17.4#

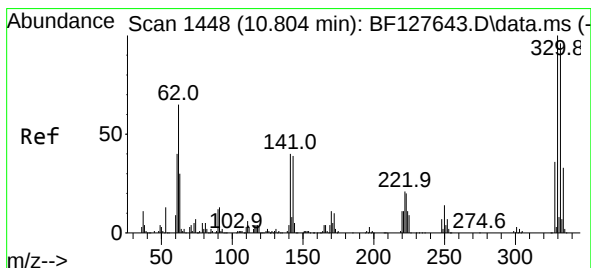
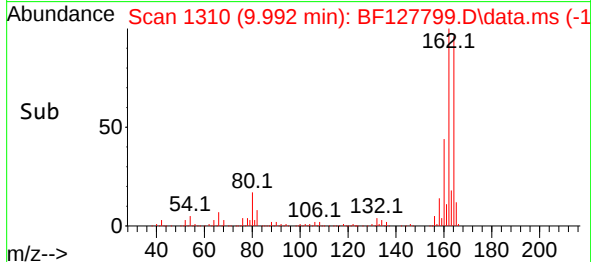
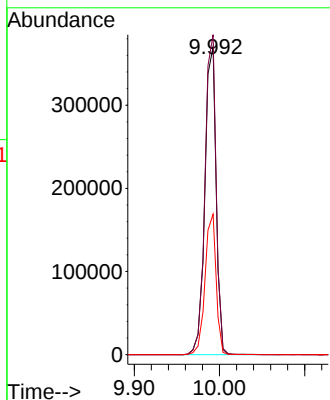
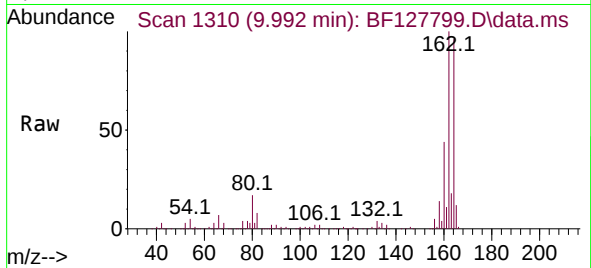




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

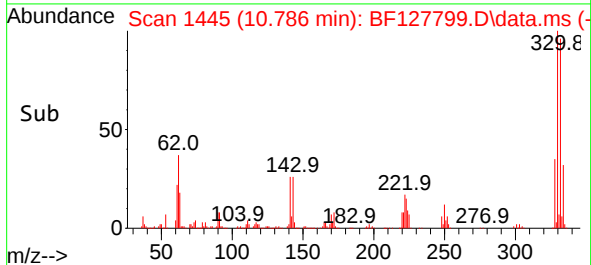
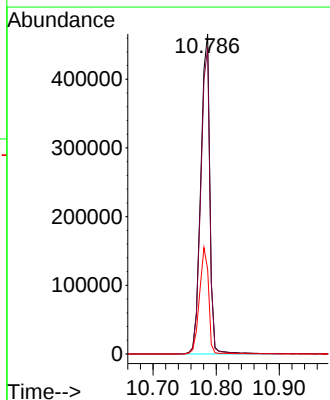
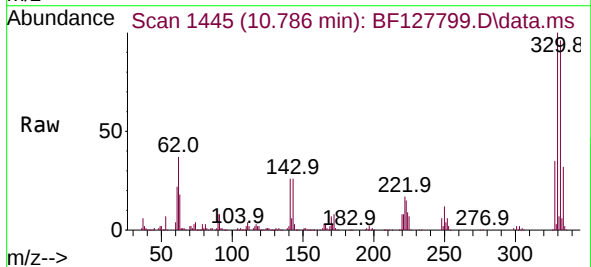
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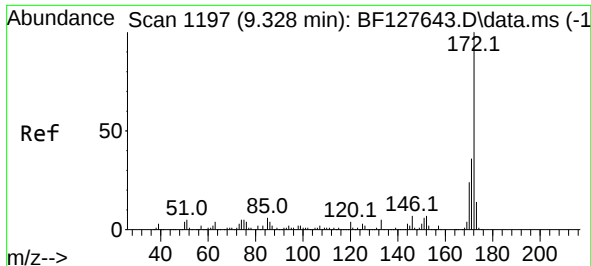
Tgt Ion:164 Resp: 338997
Ion Ratio Lower Upper
164 100
162 104.0 81.2 121.8
160 45.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 128.390 ng
RT: 10.786 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

Tgt Ion:330 Resp: 463160
Ion Ratio Lower Upper
330 100
332 95.4 79.1 118.7
141 33.4 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 77.138 ng

RT: 9.310 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF127799.D

Acq: 15 Apr 2022 12:02

Instrument :

BNA_F

ClientSampleId :

PB144103TB

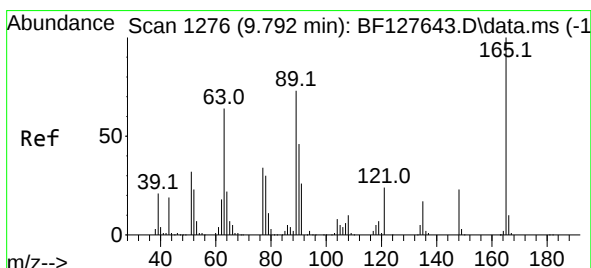
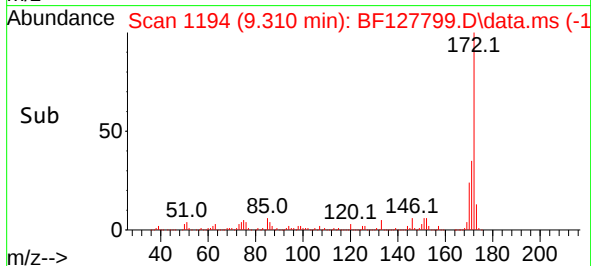
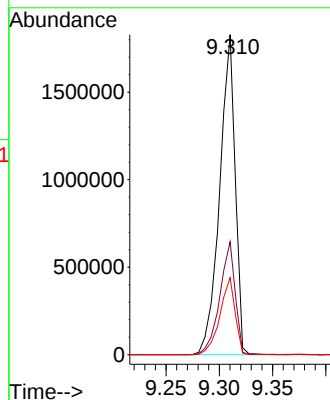
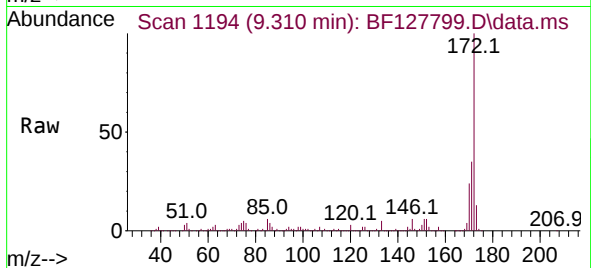
Tgt Ion:172 Resp: 1848456

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.1 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.565 ng

RT: 9.992 min Scan# 1310

Delta R.T. 0.206 min

Lab File: BF127799.D

Acq: 15 Apr 2022 12:02

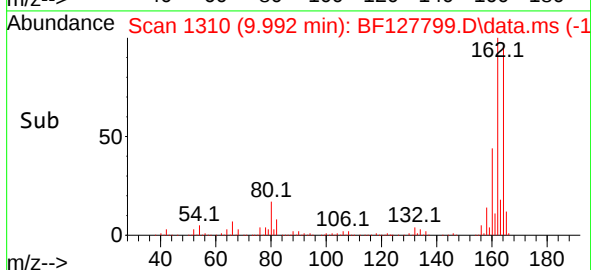
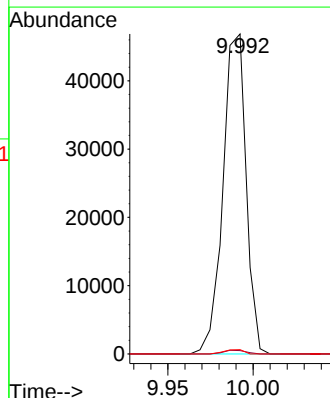
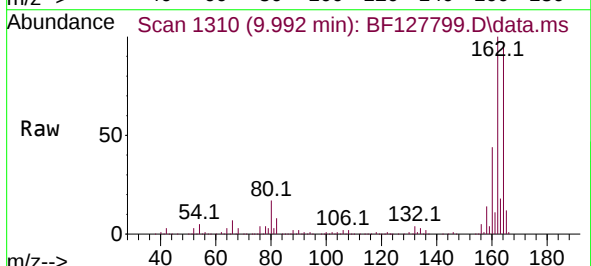
Tgt Ion:165 Resp: 44304

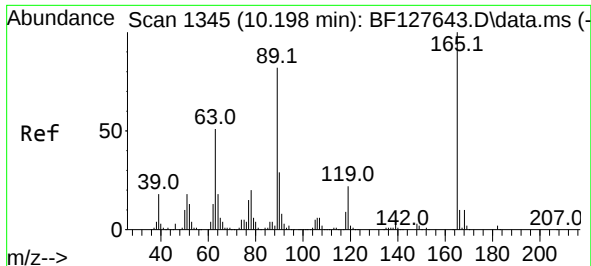
Ion Ratio Lower Upper

165 100

63 1.0 58.3 87.5#

89 1.4 51.5 77.3#

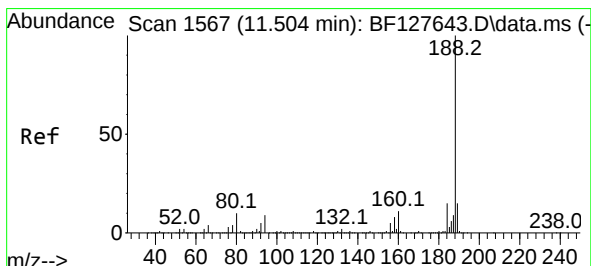
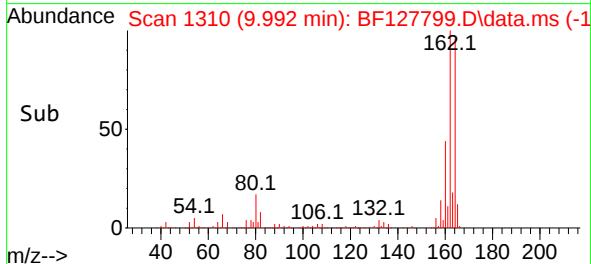
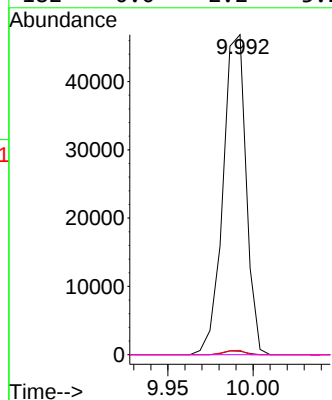
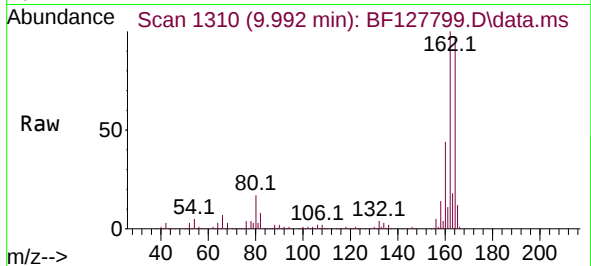




#57
2,4-Dinitrotoluene
Concen: 7.715 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

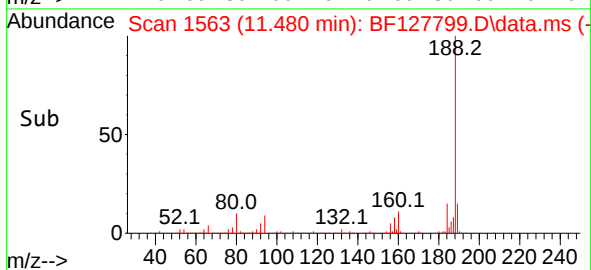
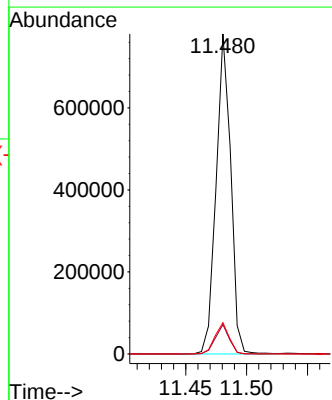
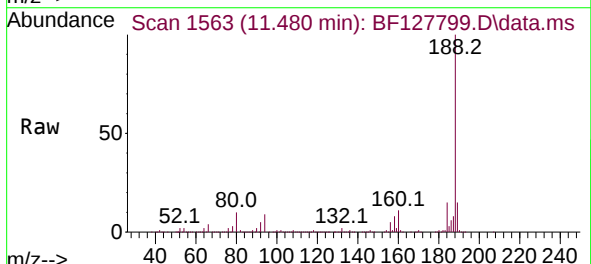
Instrument :
BNA_F
ClientSampleId :
PB144103TB

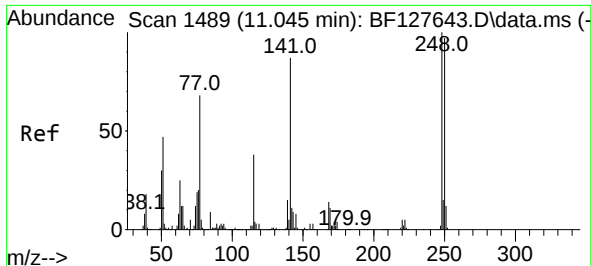
Tgt Ion:165 Resp: 44304
Ion Ratio Lower Upper
165 100
63 1.0 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

Tgt Ion:188 Resp: 649538
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 9.8 8.0 12.0





#67

4-Bromophenyl-phenylether

Concen: 3.786 ng

RT: 10.786 min Scan# 1489

Delta R.T. -0.253 min

Lab File: BF127799.D

Acq: 15 Apr 2022 12:02

Instrument :

BNA_F

ClientSampleId :

PB144103TB

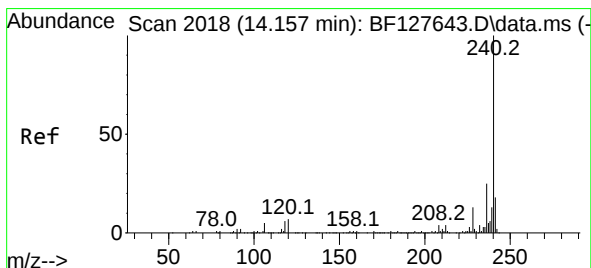
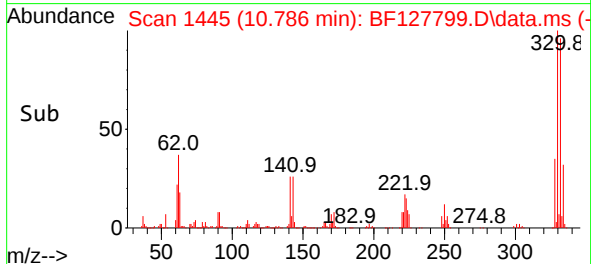
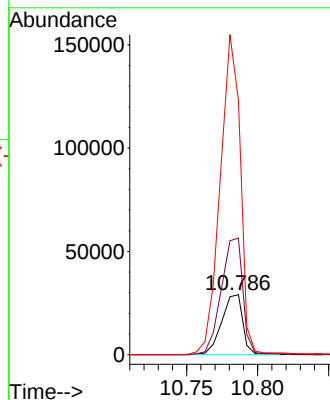
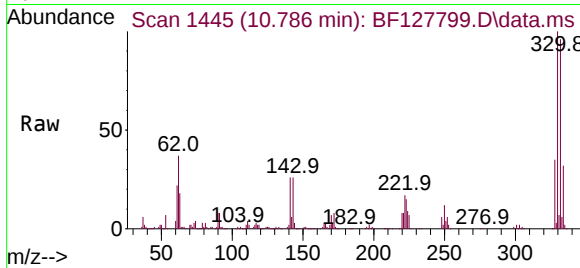
Tgt Ion:248 Resp: 29842

Ion Ratio Lower Upper

248 100

250 194.4 76.6 115.0#

141 424.1 52.2 78.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2013

Delta R.T. -0.018 min

Lab File: BF127799.D

Acq: 15 Apr 2022 12:02

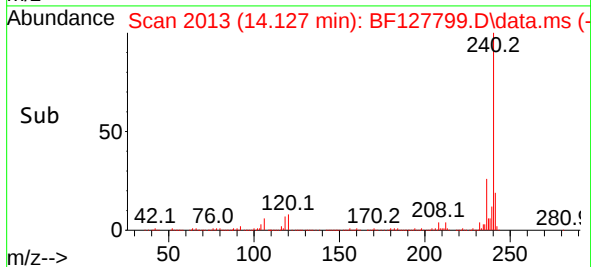
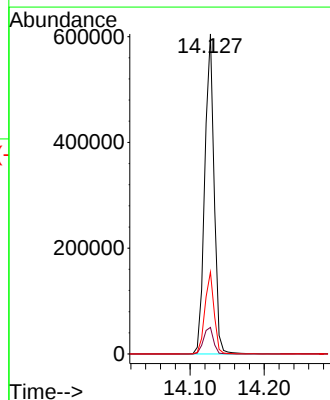
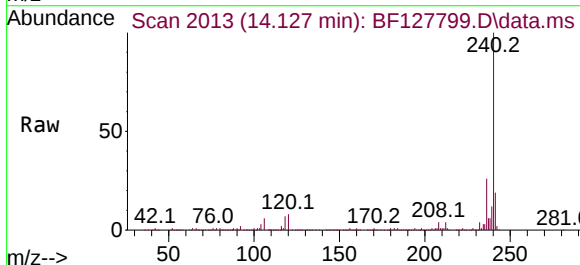
Tgt Ion:240 Resp: 530860

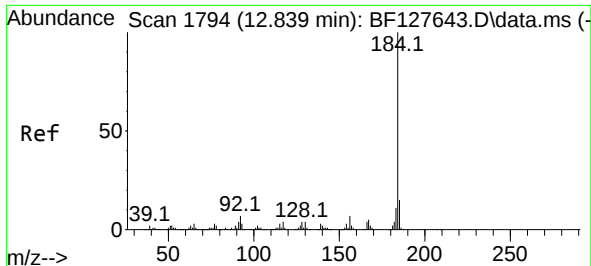
Ion Ratio Lower Upper

240 100

120 8.3 7.1 10.7

236 25.6 20.7 31.1

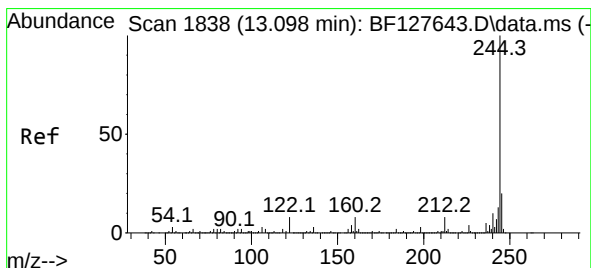
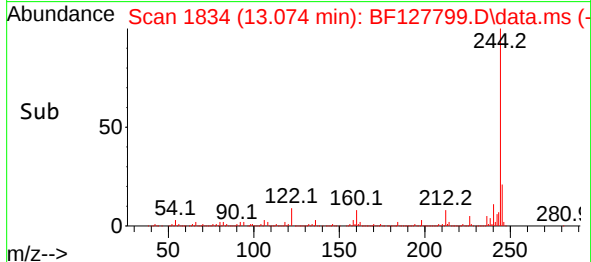
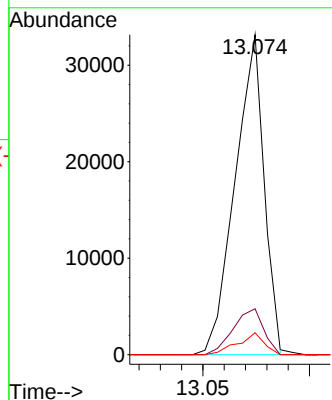
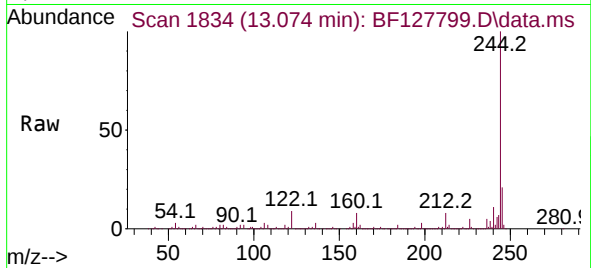




#77
Benzidine
Concen: 2.267 ng
RT: 13.074 min Scan# 1834
Delta R.T. 0.247 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

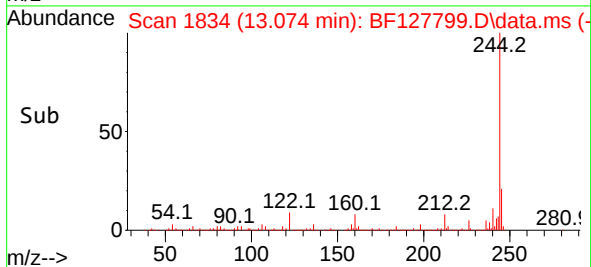
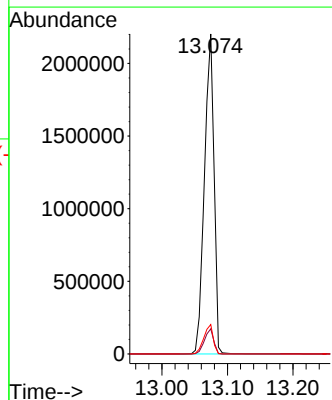
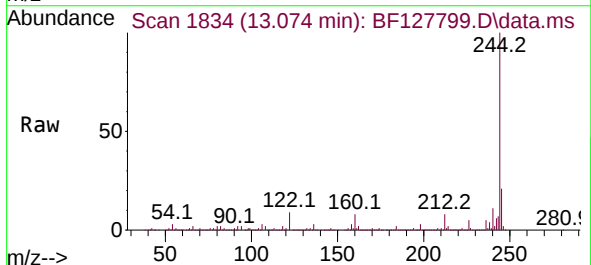
Instrument :
BNA_F
ClientSampleId :
PB144103TB

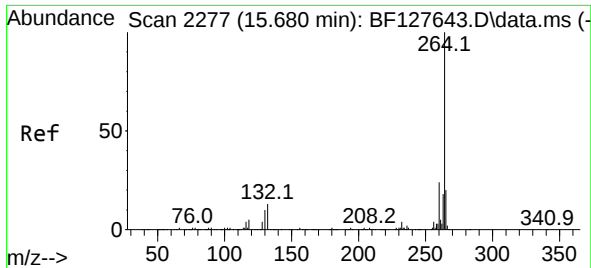
Tgt Ion:184 Resp: 31418
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 6.8 9.4 14.0#



#79
Terphenyl-d14
Concen: 69.980 ng
RT: 13.074 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

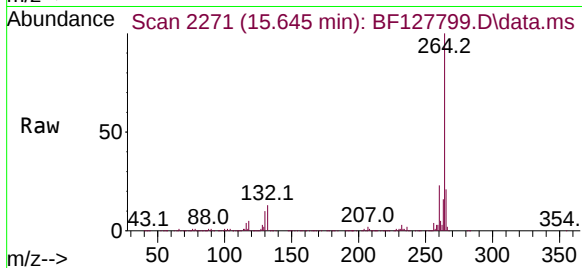
Tgt Ion:244 Resp: 2250677
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 9.2 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF127799.D
Acq: 15 Apr 2022 12:02

Instrument :
BNA_F
ClientSampleId :
PB144103TB



Tgt Ion:264 Resp: 392403
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.3 17.4 26.2

