

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
 Data File : BF127545.D
 Acq On : 28 Mar 2022 16:40
 Operator : CG\JU
 Sample : PB143554TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143554TB

Quant Time: Mar 29 07:16:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

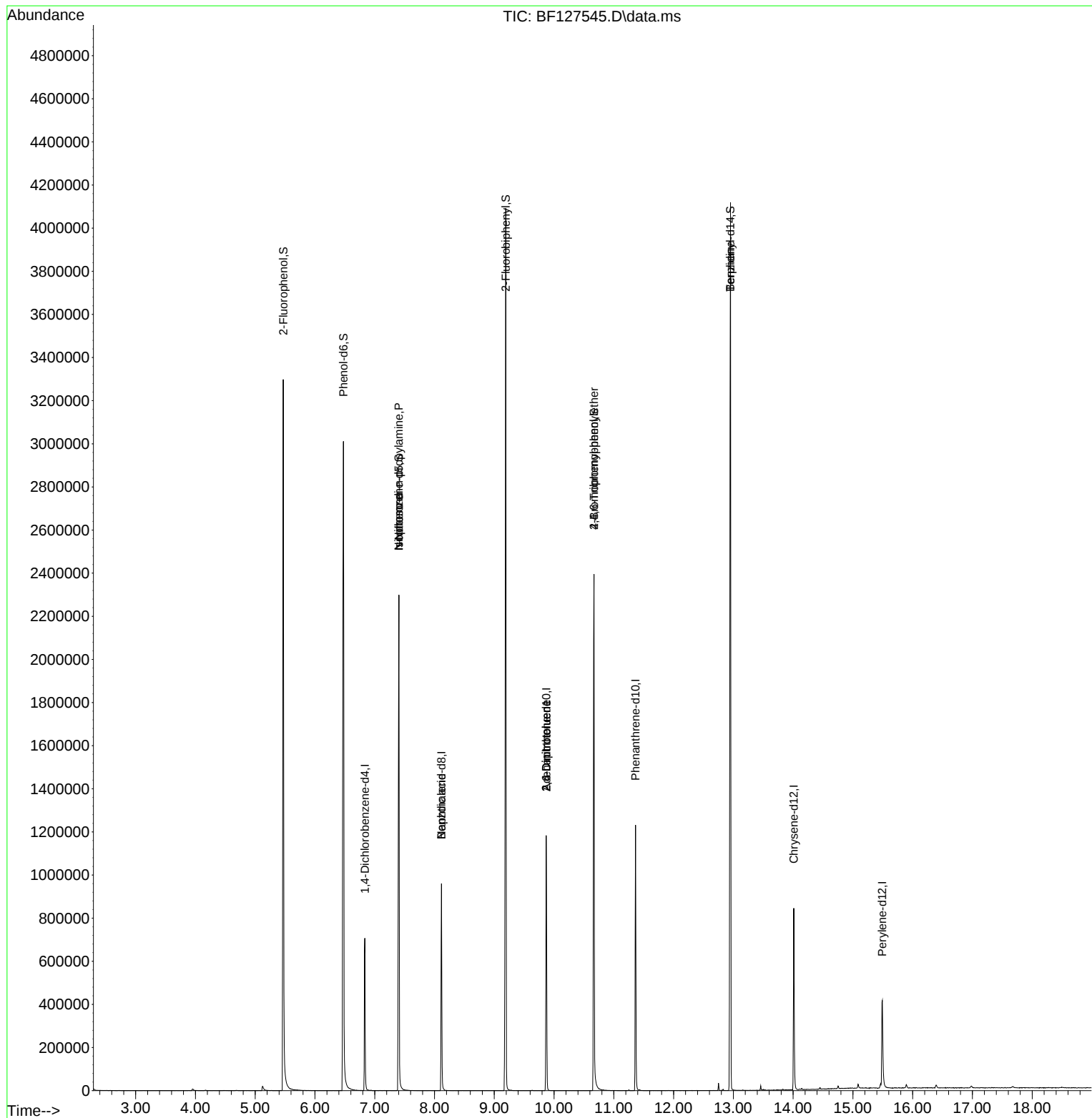
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	107017	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	400821	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	236316	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	419987	20.000	ng	0.00
76) Chrysene-d12	14.010	240	288987	20.000	ng	0.00
86) Perylene-d12	15.492	264	212396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	844464	125.957	ng	0.01
7) Phenol-d6	6.475	99	1155472	126.083	ng	0.00
23) Nitrobenzene-d5	7.404	82	788370	84.076	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	303532	120.575	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1335282	82.509	ng	0.00
79) Terphenyl-d14	12.951	244	1501775	85.071	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.475	77	1664	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	107281	19.529	ng	# 81
25) Isophorone	7.404	82	788365	52.788	ng	# 70
32) Benzoic acid	8.116	122	90	6.067	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	31207	9.043	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	31207	7.026	ng	# 13
58) Fluorene	10.669	166	11502	Below Cal	#	84
67) 4-Bromophenyl-phenylether	10.669	248	20920	4.266	ng	# 1
77) Benzidine	12.951	184	18898	2.743	ng	# 92

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

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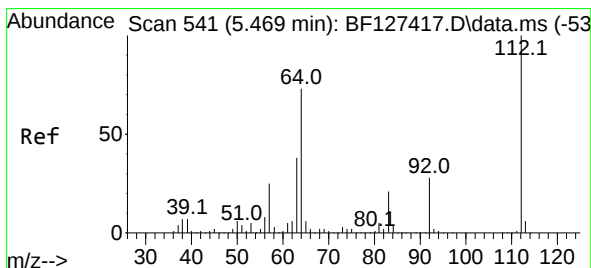
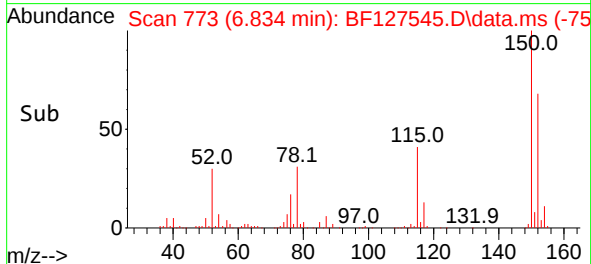
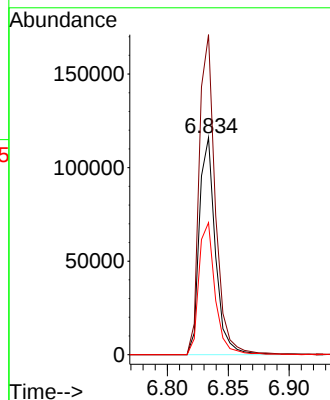
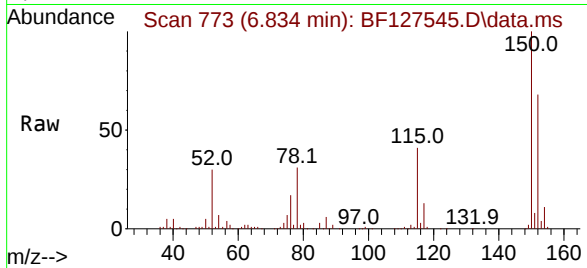




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127545.D
Acq: 28 Mar 2022 16:40

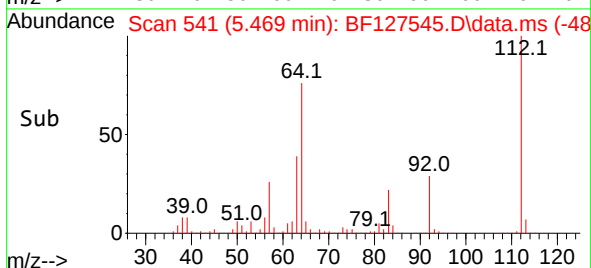
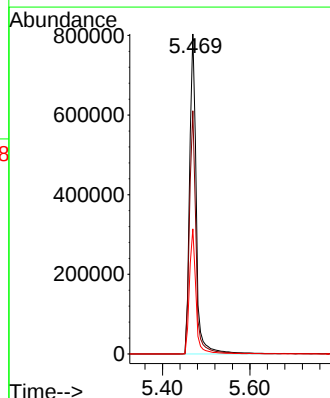
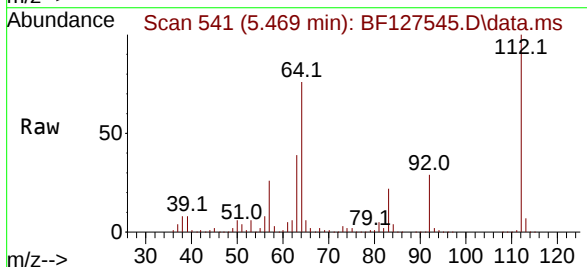
Instrument :
BNA_F
ClientSampleId :
PB143554TB

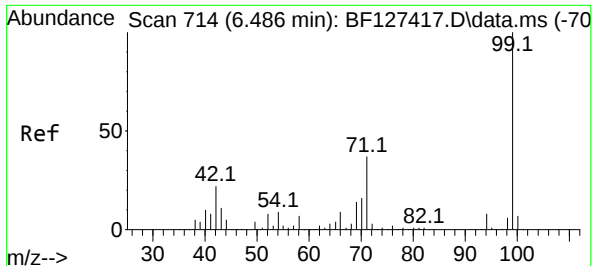
Tgt Ion:152 Resp: 107017
Ion Ratio Lower Upper
152 100
150 147.4 117.2 175.8
115 60.8 49.8 74.6



#5
2-Fluorophenol
Concen: 125.957 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127545.D
Acq: 28 Mar 2022 16:40

Tgt Ion:112 Resp: 844464
Ion Ratio Lower Upper
112 100
64 76.0 58.4 87.6
63 39.1 30.1 45.1

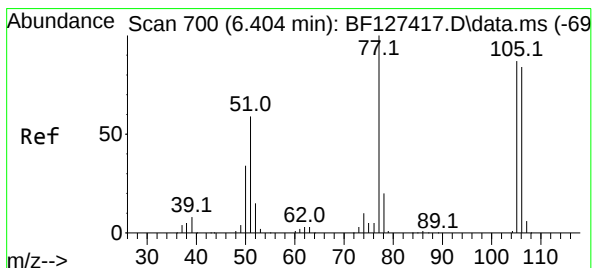
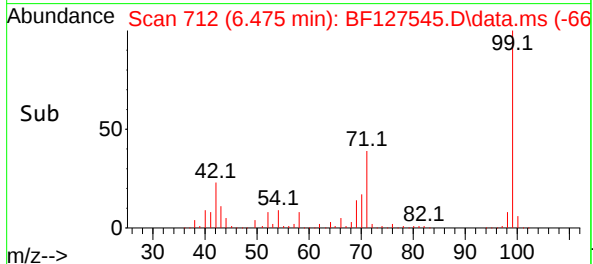
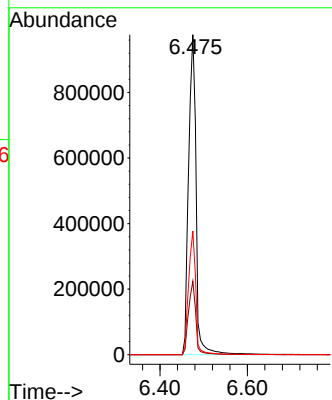
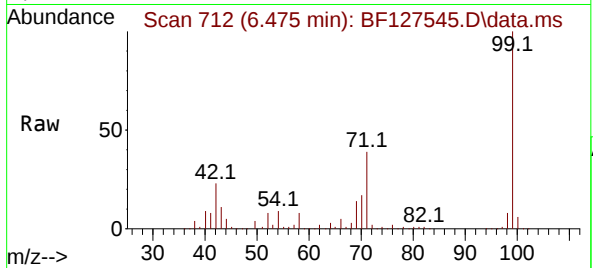




#7
Phenol-d6
Concen: 126.083 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF127545.D
Acq: 28 Mar 2022 16:40

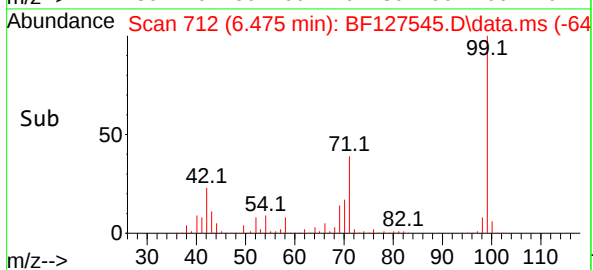
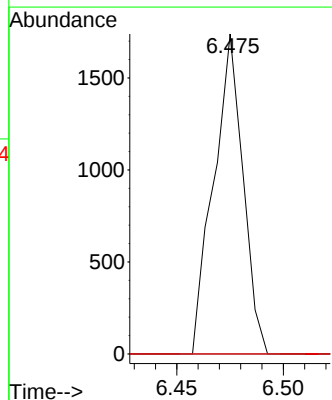
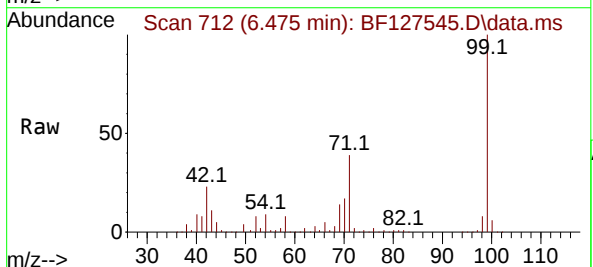
Instrument :
BNA_F
ClientSampleId :
PB143554TB

Tgt Ion: 99 Resp: 1155472
Ion Ratio Lower Upper
99 100
42 22.9 17.8 26.6
71 38.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.083 min
Lab File: BF127545.D
Acq: 28 Mar 2022 16:40

Tgt Ion: 77 Resp: 1664
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

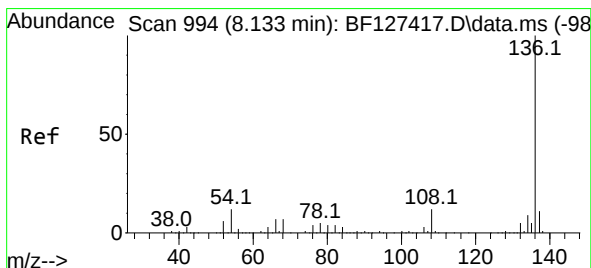
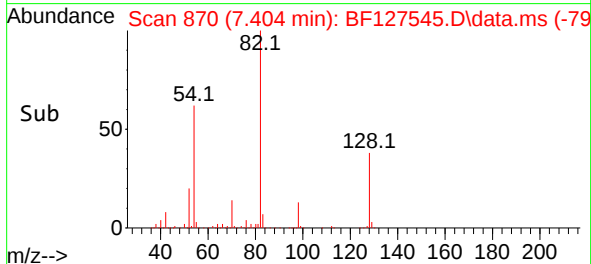
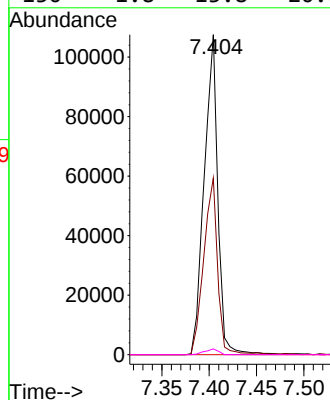
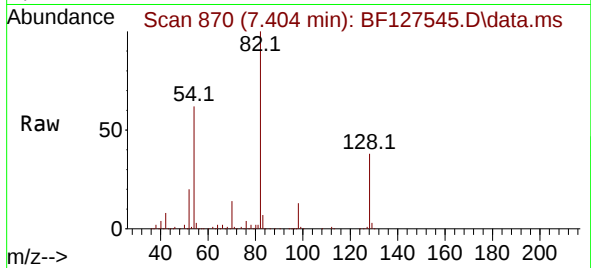




#19
n-Nitroso-di-n-propylamine
Concen: 19.529 ng
RT: 7.404 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127545.D
Acq: 28 Mar 2022 16:40

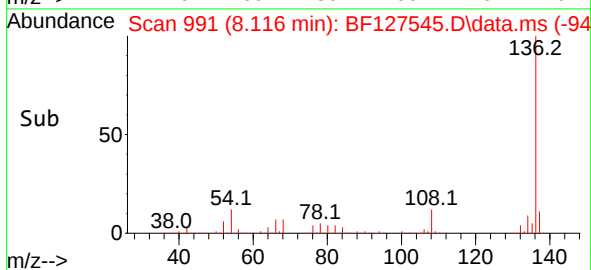
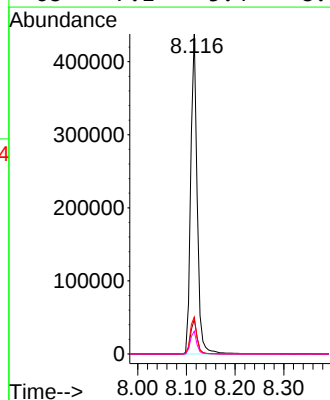
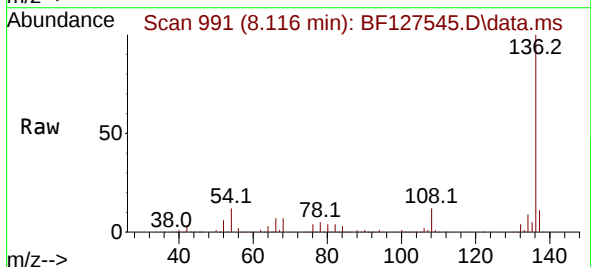
Instrument :
BNA_F
ClientSampleId :
PB143554TB

Tgt Ion: 70 Resp: 107281
Ion Ratio Lower Upper
70 100
42 55.2 53.0 79.6
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127545.D
Acq: 28 Mar 2022 16:40

Tgt Ion:136 Resp: 400821
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.6 9.2 13.8
68 7.1 5.4 8.0

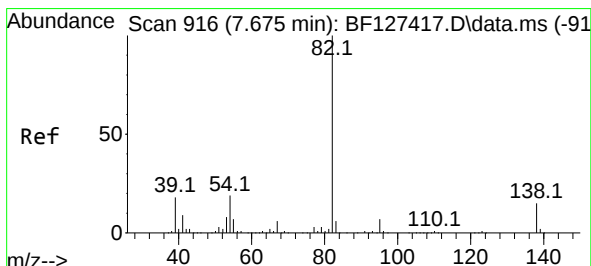
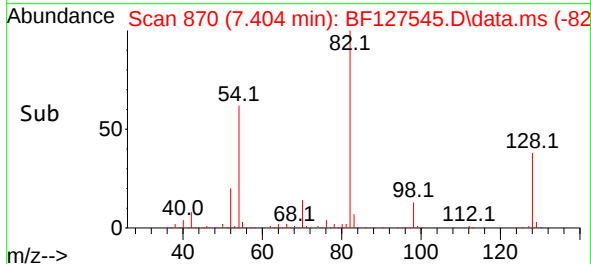
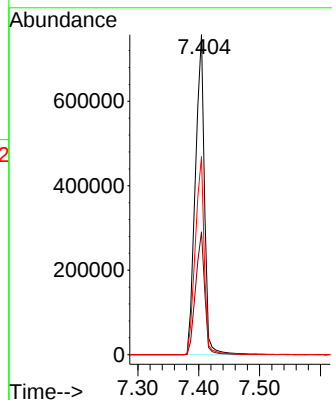
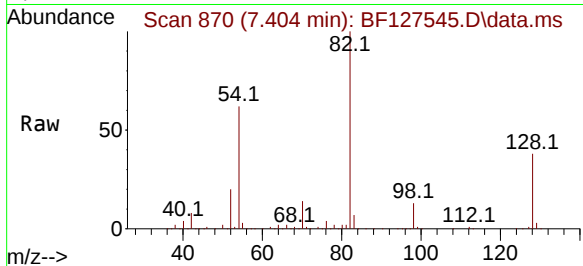




#23
Nitrobenzene-d5
Concen: 84.076 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127545.D
Acq: 28 Mar 2022 16:40

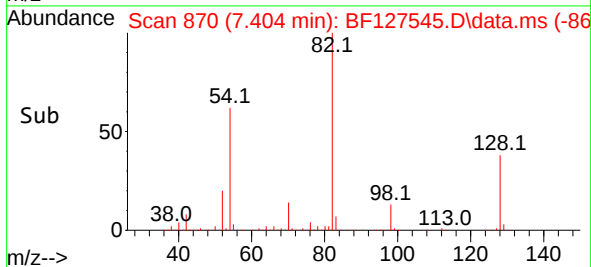
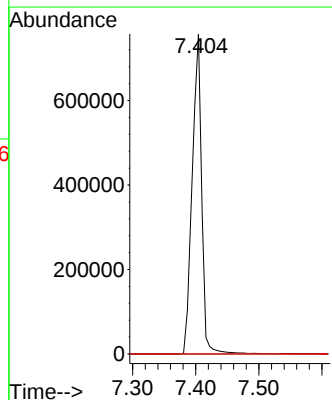
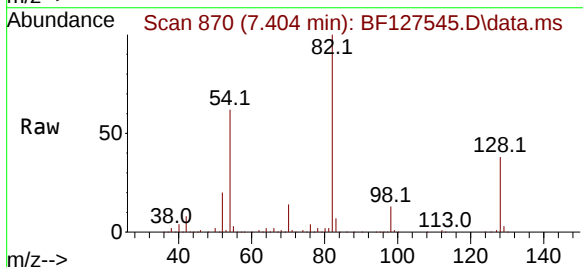
Instrument :
BNA_F
ClientSampleId :
PB143554TB

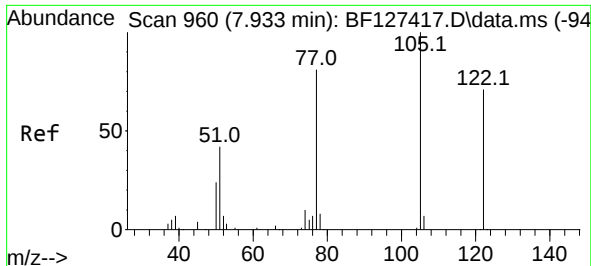
Tgt Ion: 82 Resp: 788370
Ion Ratio Lower Upper
82 100
128 38.4 30.6 45.8
54 61.9 48.2 72.2



#25
Isophorone
Concen: 52.788 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.259 min
Lab File: BF127545.D
Acq: 28 Mar 2022 16:40

Tgt Ion: 82 Resp: 788365
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#





#32

Benzoic acid

Concen: 6.067 ng

RT: 8.116 min Scan# 90

Delta R.T. 0.189 min

Lab File: BF127545.D

Acq: 28 Mar 2022 16:40

Instrument :

BNA_F

ClientSampleId :

PB143554TB

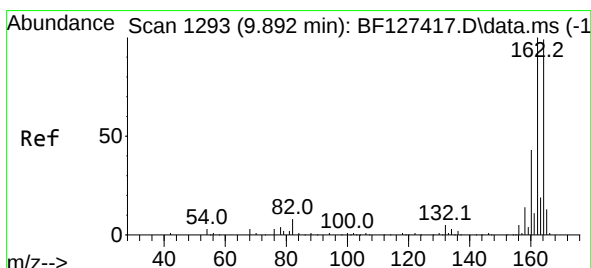
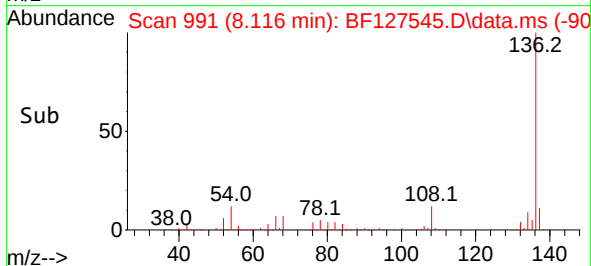
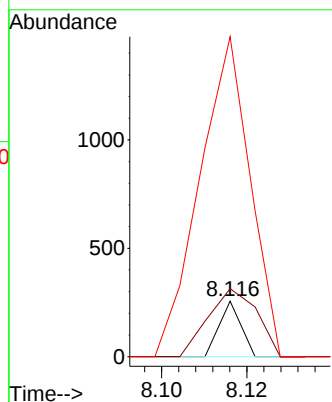
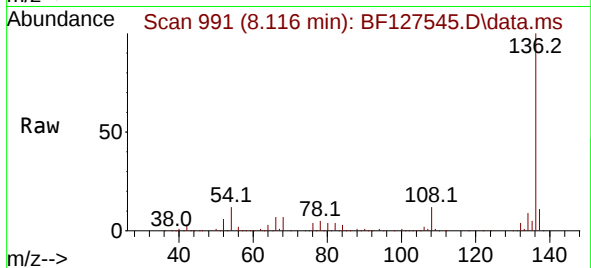
Tgt Ion:122 Resp: 90

Ion Ratio Lower Upper

122 100

105 122.7 117.1 157.1

77 576.6 93.0 133.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF127545.D

Acq: 28 Mar 2022 16:40

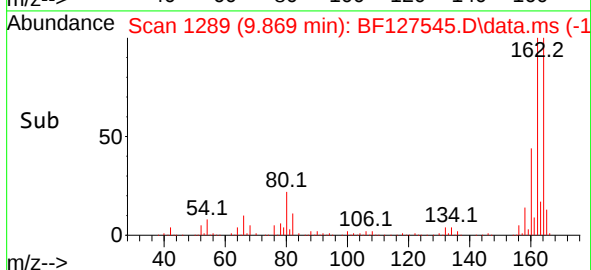
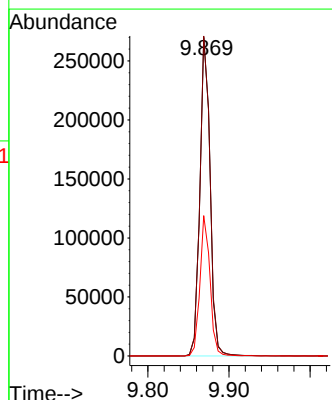
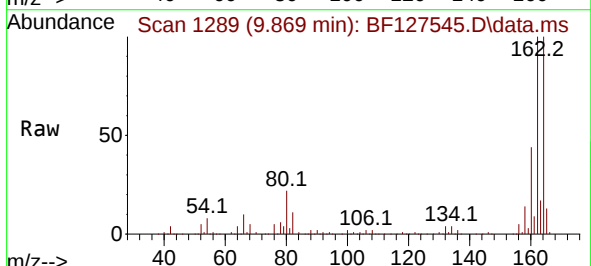
Tgt Ion:164 Resp: 236316

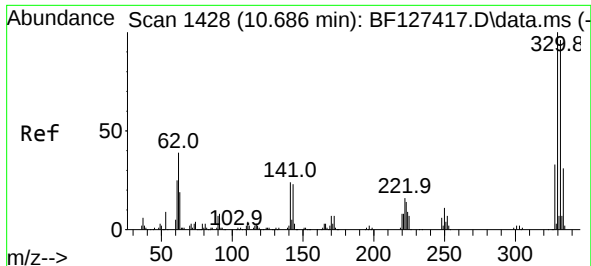
Ion Ratio Lower Upper

164 100

162 100.5 81.2 121.8

160 44.0 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 120.575 ng

RT: 10.669 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF127545.D

Acq: 28 Mar 2022 16:40

Instrument :

BNA_F

ClientSampleId :

PB143554TB

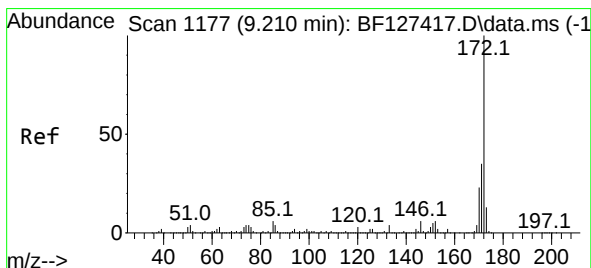
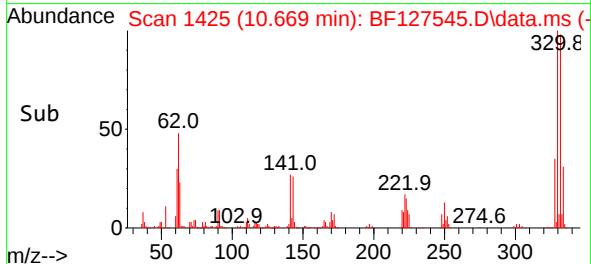
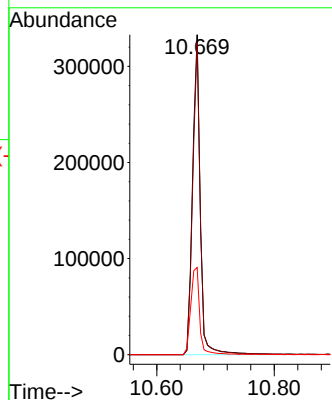
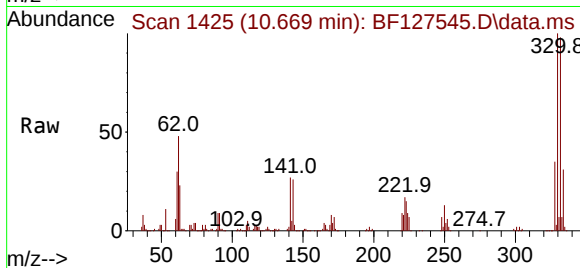
Tgt Ion:330 Resp: 303532

Ion Ratio Lower Upper

330 100

332 96.5 79.1 118.7

141 31.6 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 82.509 ng

RT: 9.192 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BF127545.D

Acq: 28 Mar 2022 16:40

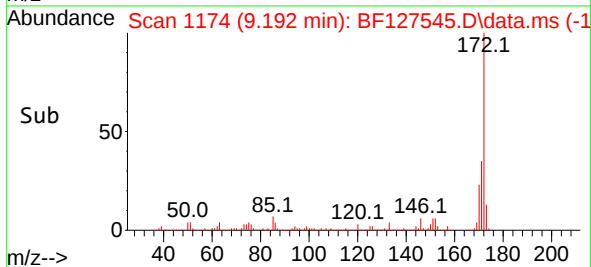
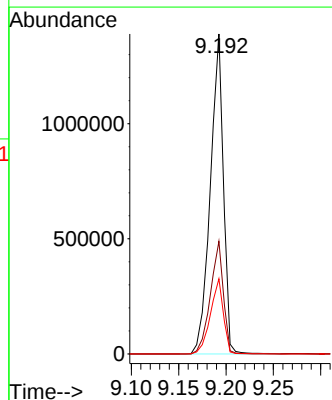
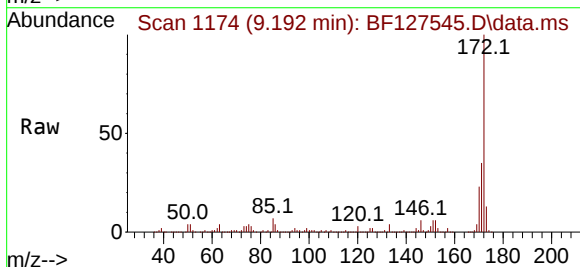
Tgt Ion:172 Resp: 1335282

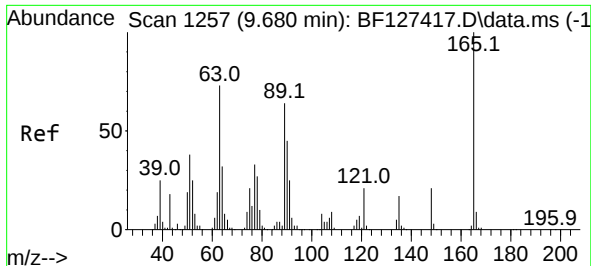
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.5 18.6 27.8

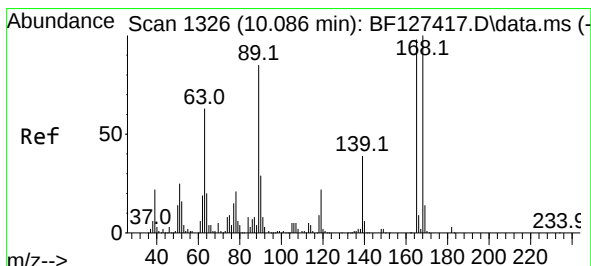
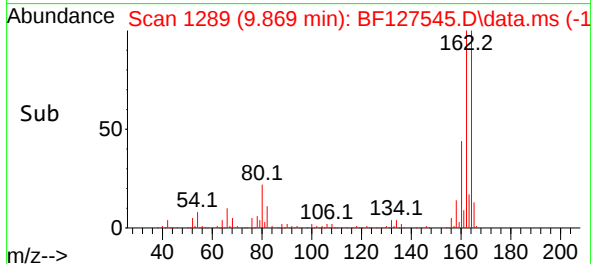
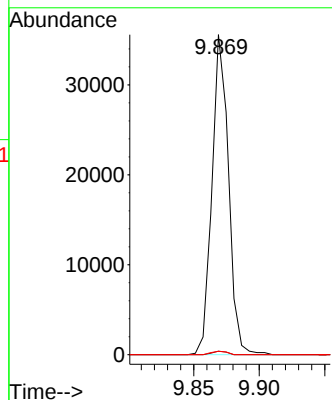
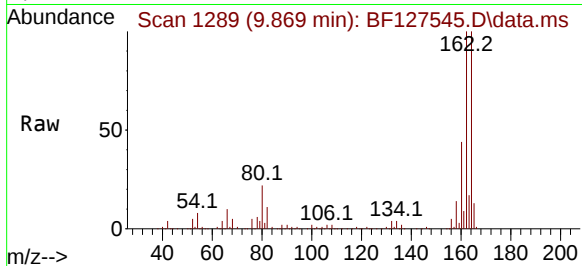




#51
2,6-Dinitrotoluene
Concen: 9.043 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127545.D
Acq: 28 Mar 2022 16:40

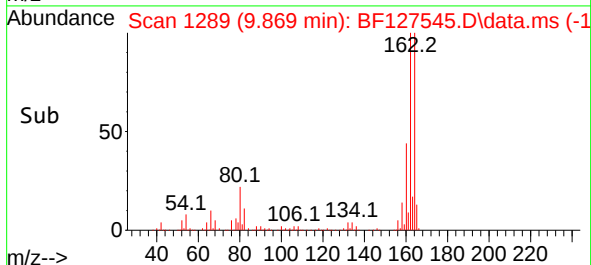
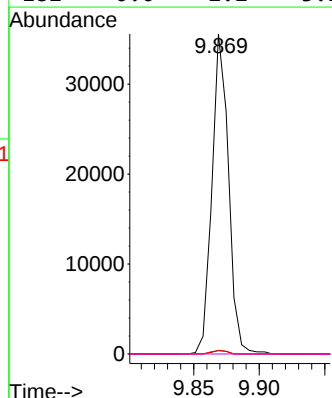
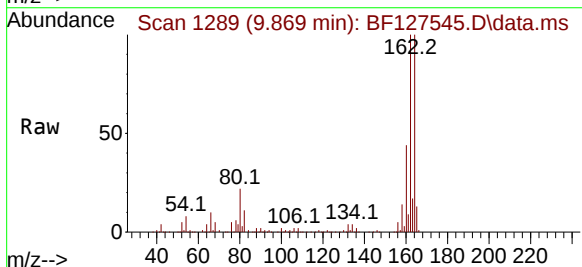
Instrument :
BNA_F
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PB143554TB

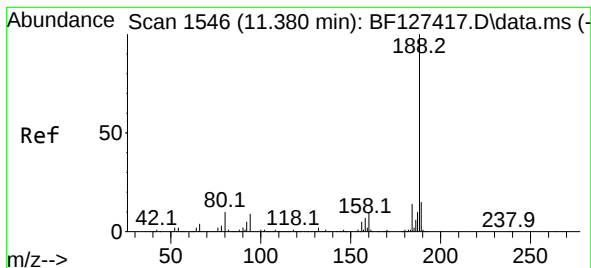
Tgt Ion:165 Resp: 31207
Ion Ratio Lower Upper
165 100
63 1.1 58.3 87.5#
89 1.0 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 7.026 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF127545.D
Acq: 28 Mar 2022 16:40

Tgt Ion:165 Resp: 31207
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.0 69.2 103.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127545.D

Acq: 28 Mar 2022 16:40

Instrument :

BNA_F

ClientSampleId :

PB143554TB

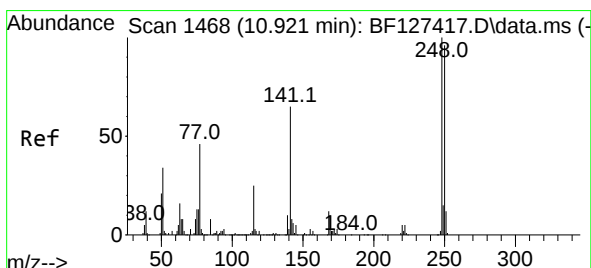
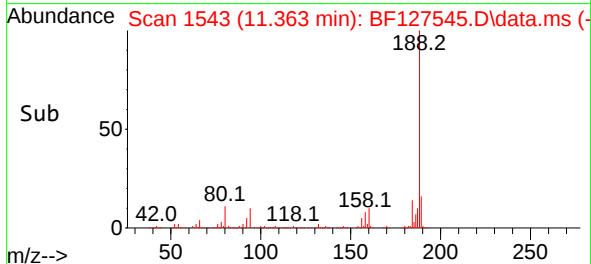
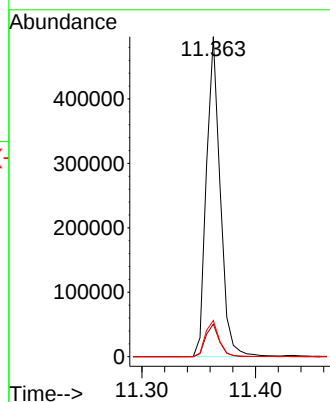
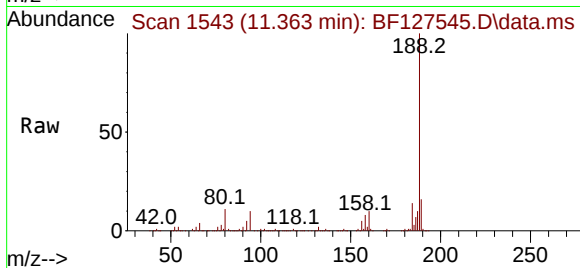
Tgt Ion:188 Resp: 419987

Ion Ratio Lower Upper

188 100

94 10.2 7.4 11.0

80 11.3 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.266 ng

RT: 10.669 min Scan# 1425

Delta R.T. -0.235 min

Lab File: BF127545.D

Acq: 28 Mar 2022 16:40

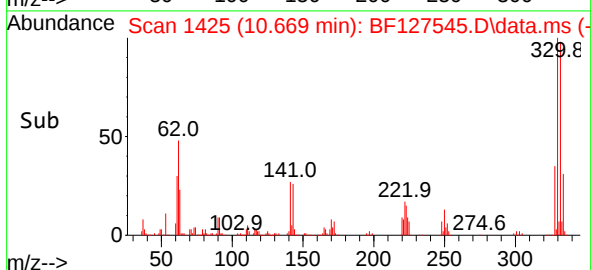
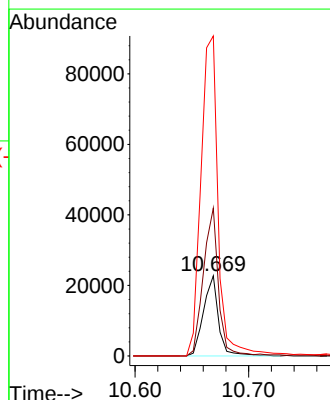
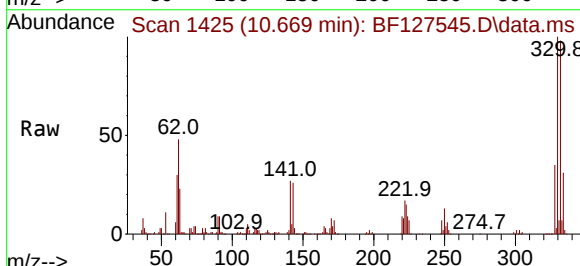
Tgt Ion:248 Resp: 20920

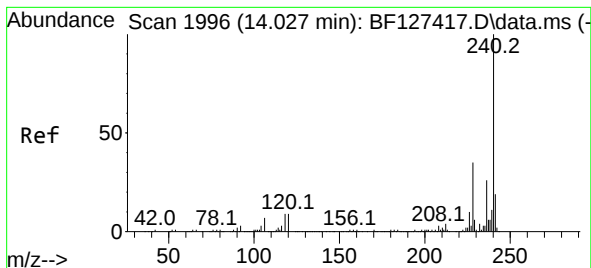
Ion Ratio Lower Upper

248 100

250 184.5 76.6 115.0#

141 399.4 52.2 78.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF127545.D

Acq: 28 Mar 2022 16:40

Instrument :

BNA_F

ClientSampleId :

PB143554TB

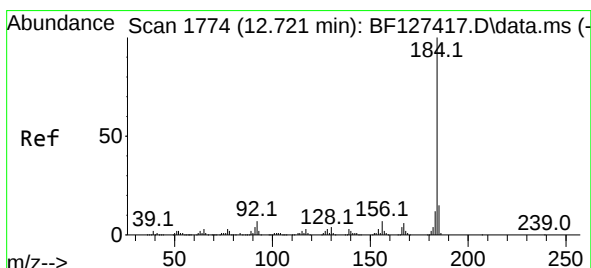
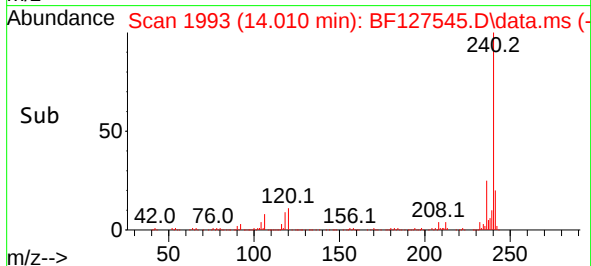
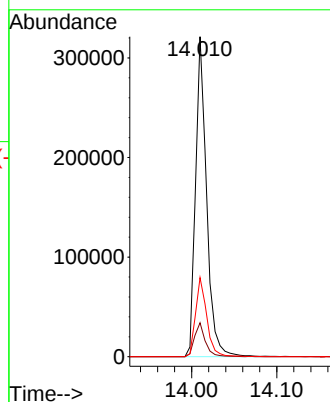
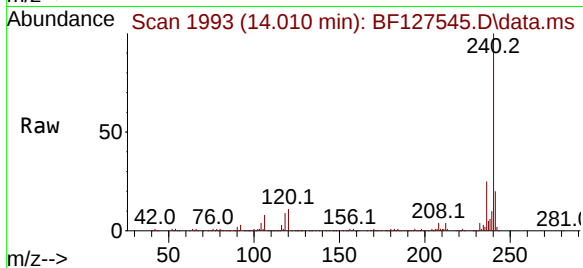
Tgt Ion:240 Resp: 288987

Ion Ratio Lower Upper

240 100

120 10.6 7.1 10.7

236 24.7 20.7 31.1



#77

Benidine

Concen: 2.743 ng

RT: 12.951 min Scan# 1813

Delta R.T. 0.241 min

Lab File: BF127545.D

Acq: 28 Mar 2022 16:40

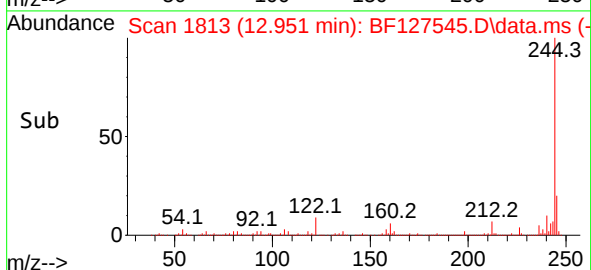
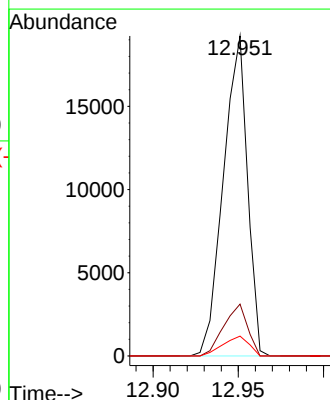
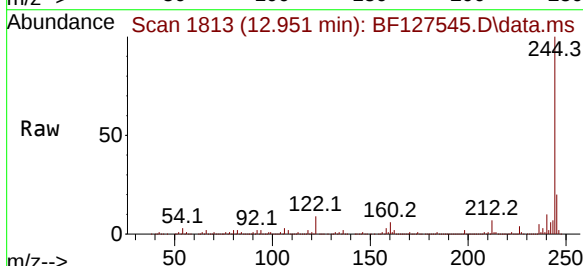
Tgt Ion:184 Resp: 18898

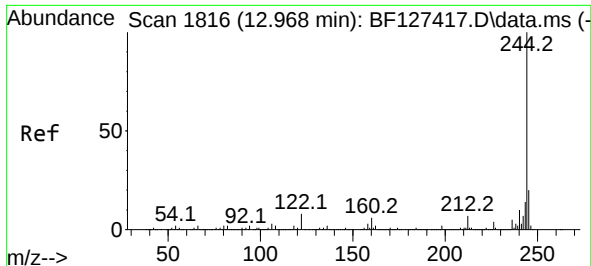
Ion Ratio Lower Upper

184 100

185 16.2 12.2 18.2

183 6.2 9.4 14.0#

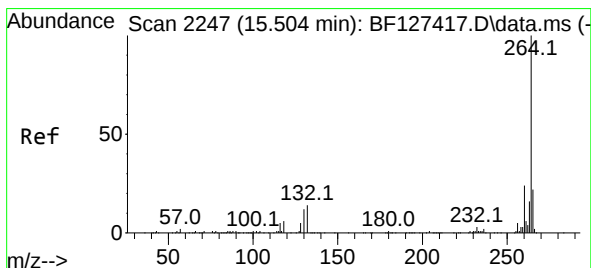
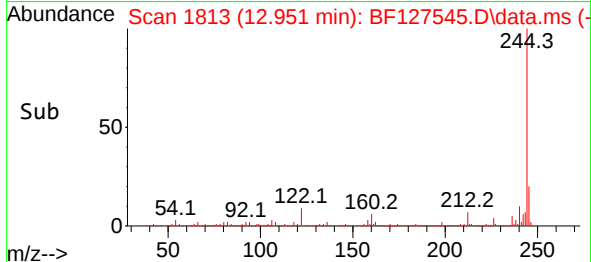
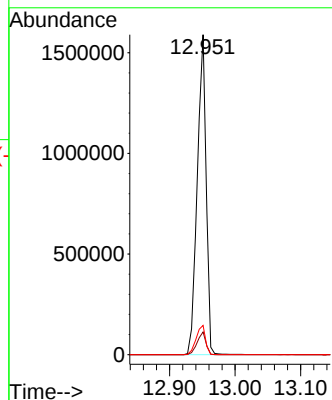
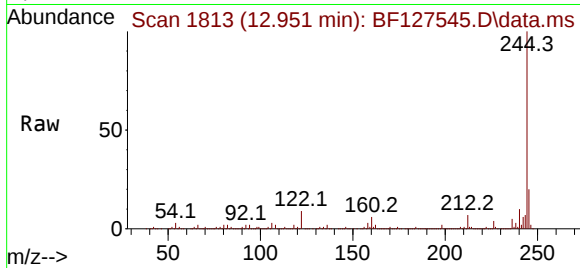




#79
 Terphenyl-d14
 Concen: 85.071 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: BF127545.D
 Acq: 28 Mar 2022 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB143554TB

Tgt Ion:244 Resp: 1501775
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.2 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BF127545.D
 Acq: 28 Mar 2022 16:40

Tgt Ion:264 Resp: 212396
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 20.6 17.4 26.2

