

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032322\
 Data File : BF127483.D
 Acq On : 23 Mar 2022 16:28
 Operator : CG\JU
 Sample : N2058-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MHA

Quant Time: Mar 24 02:12:27 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 22 02:16:33 2022
 Response via : Initial Calibration

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

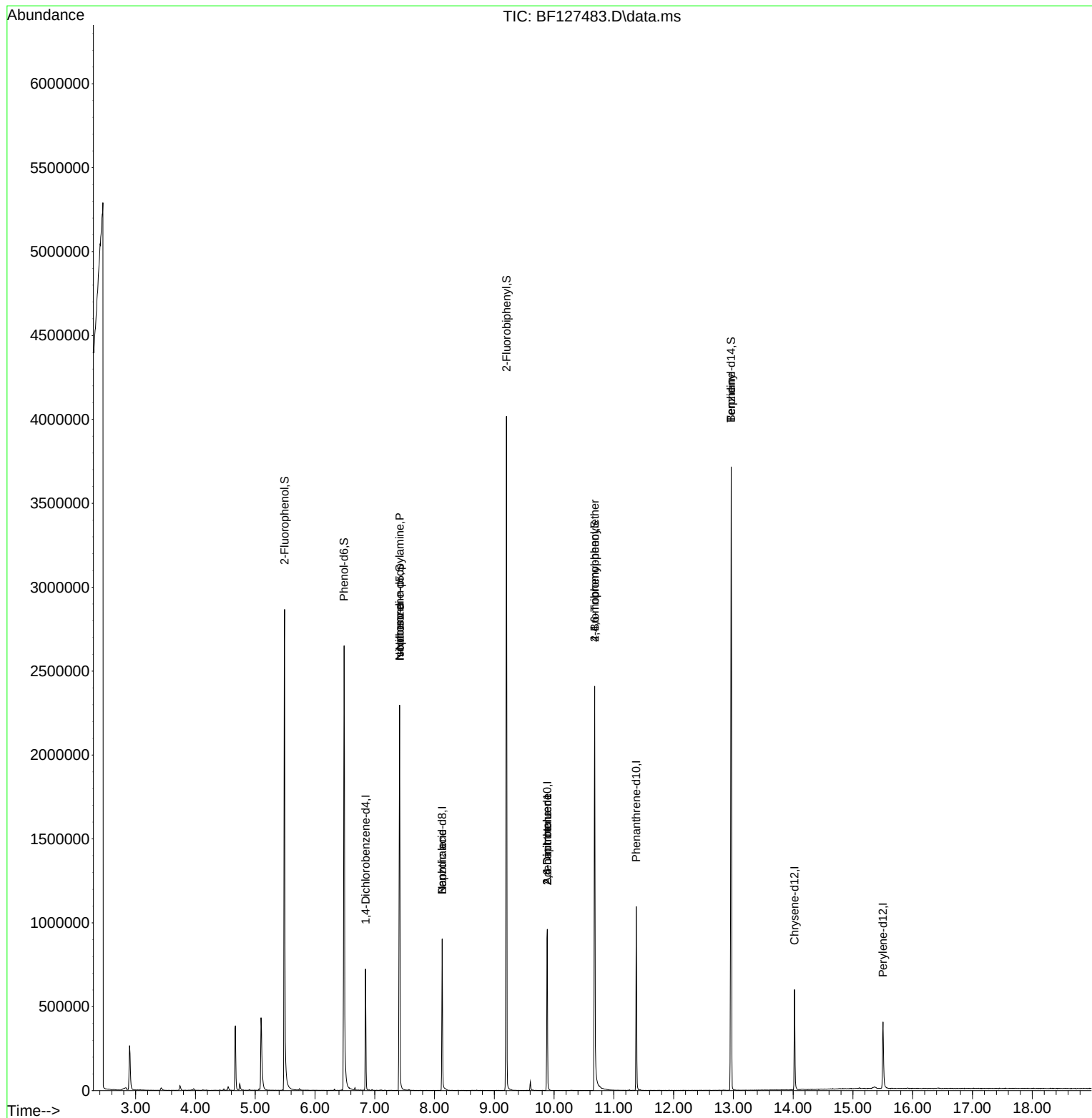
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	94944	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	352871	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	207126	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	370637	20.000	ng	0.00
76) Chrysene-d12	14.021	240	209841	20.000	ng	0.00
86) Perylene-d12	15.504	264	199494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	776760	130.591	ng	0.02
7) Phenol-d6	6.487	99	992725	122.099	ng	0.00
23) Nitrobenzene-d5	7.416	82	782149	94.747	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	304207	137.874	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1304204	91.946	ng	0.00
79) Terphenyl-d14	12.963	244	1385024	108.049	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	1548	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	106073	21.765	ng	# 81
25) Isophorone	7.416	82	782140	59.487	ng	# 70
32) Benzoic acid	8.128	122	56	6.059	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	25783	8.524	ng	# 17
55) Dibenzofuran	10.110	168	138	Below Cal	#	45
57) 2,4-Dinitrotoluene	9.886	165	25783	6.622	ng	# 14
58) Fluorene	10.680	166	11187	Below Cal	#	89
67) 4-Bromophenyl-phenylether	10.680	248	20167	4.660	ng	# 1
77) Benzidine	12.963	184	16994	3.396	ng	# 92

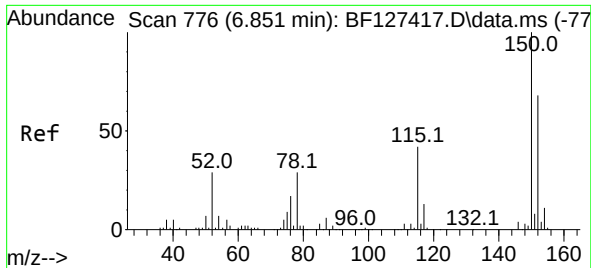
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032322\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
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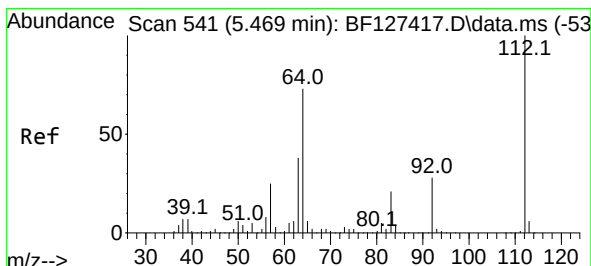
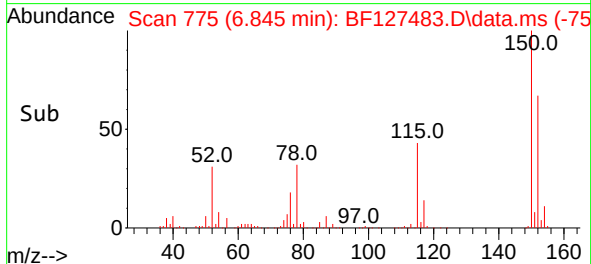
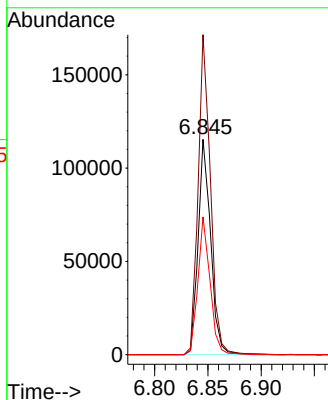
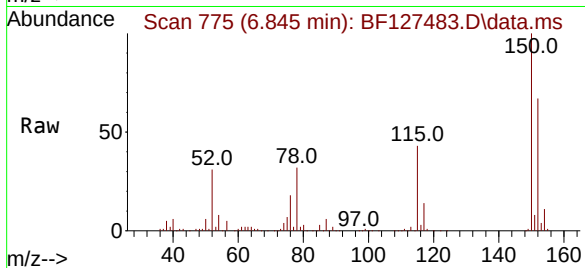




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127483.D
Acq: 23 Mar 2022 16:28

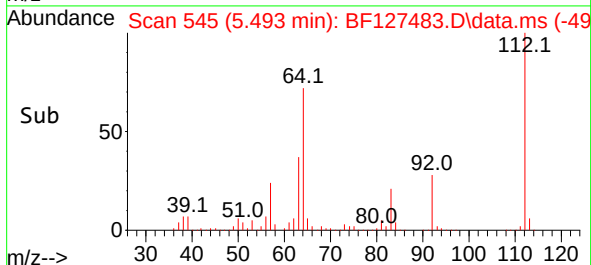
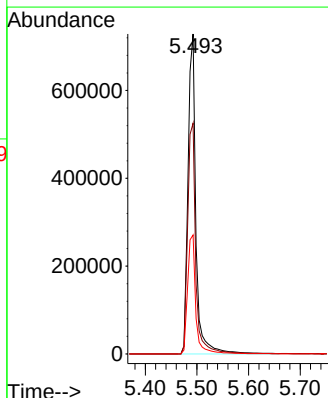
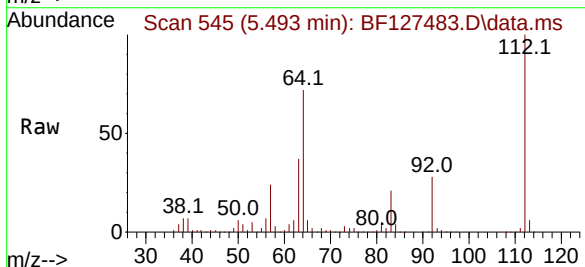
Instrument :
BNA_F
ClientSampleId :
MHA

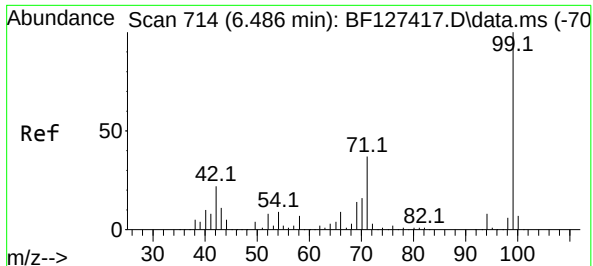
Tgt Ion:152 Resp: 94944
Ion Ratio Lower Upper
152 100
150 148.6 117.2 175.8
115 64.0 49.8 74.6



#5
2-Fluorophenol
Concen: 130.591 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.024 min
Lab File: BF127483.D
Acq: 23 Mar 2022 16:28

Tgt Ion:112 Resp: 776760
Ion Ratio Lower Upper
112 100
64 72.1 58.4 87.6
63 37.2 30.1 45.1

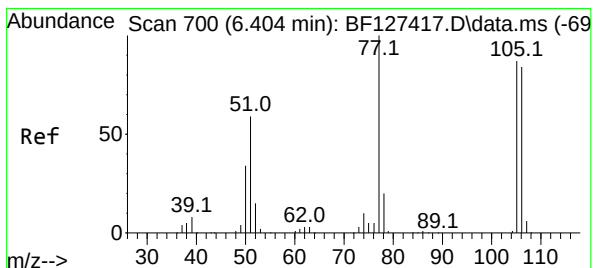
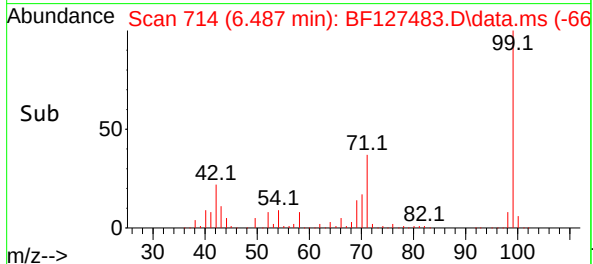
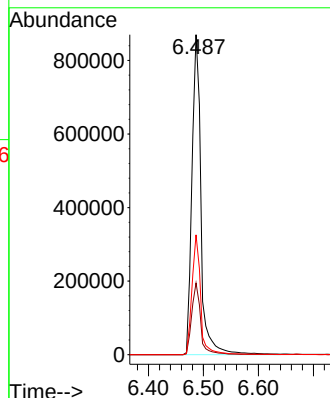
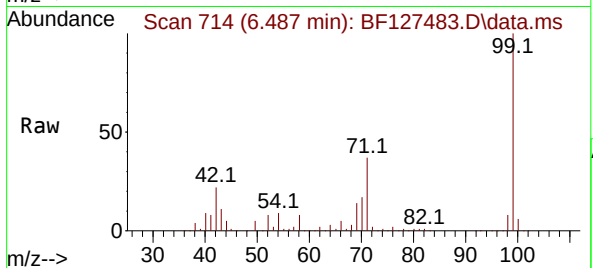




#7
Phenol-d6
Concen: 122.099 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127483.D
Acq: 23 Mar 2022 16:28

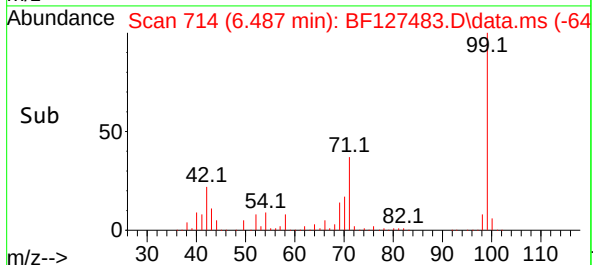
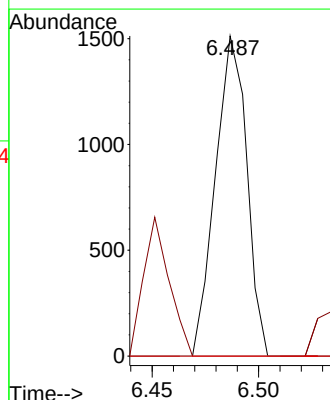
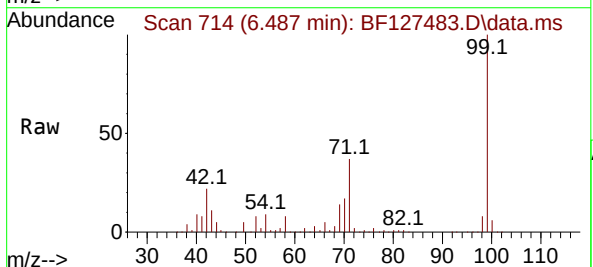
Instrument :
BNA_F
ClientSampleId :
MHA

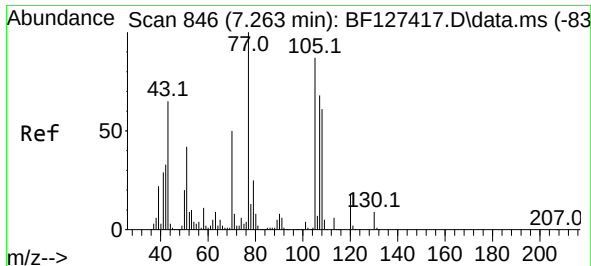
Tgt Ion: 99 Resp: 992725
Ion Ratio Lower Upper
99 100
42 22.4 17.8 26.6
71 37.4 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.487 min Scan# 714
Delta R.T. 0.083 min
Lab File: BF127483.D
Acq: 23 Mar 2022 16:28

Tgt Ion: 77 Resp: 1548
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

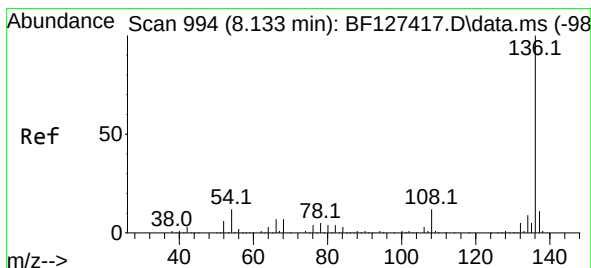
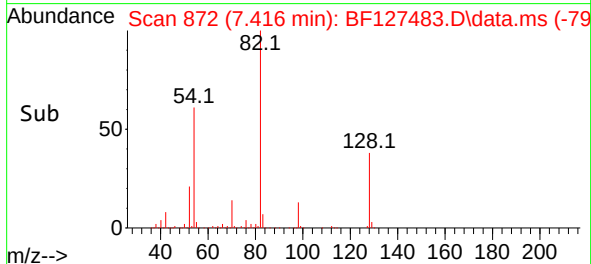
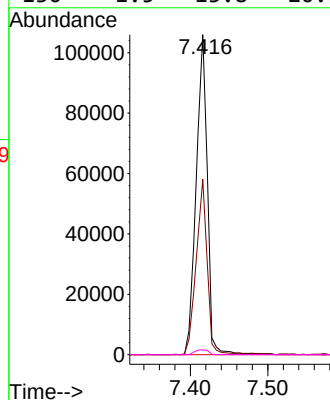
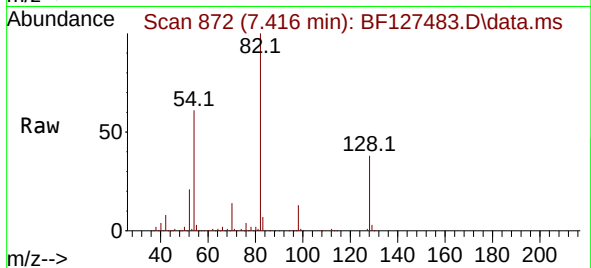




#19
n-Nitroso-di-n-propylamine
Concen: 21.765 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127483.D
Acq: 23 Mar 2022 16:28

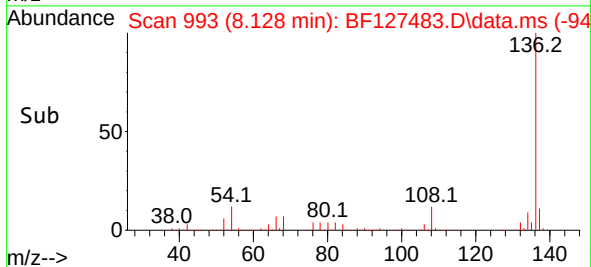
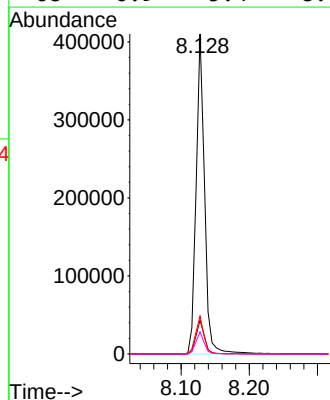
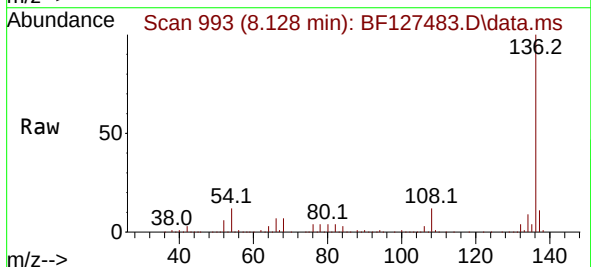
Instrument :
BNA_F
ClientSampleId :
MHA

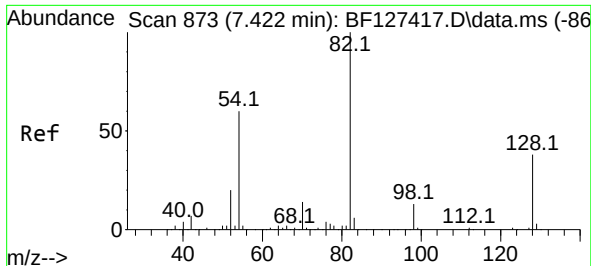
Tgt Ion: 70 Resp: 106073
Ion Ratio Lower Upper
70 100
42 54.8 53.0 79.6
101 0.0 6.8 10.2#
130 1.5 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127483.D
Acq: 23 Mar 2022 16:28

Tgt Ion:136 Resp: 352871
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 11.8 9.2 13.8
68 6.9 5.4 8.0





#23

Nitrobenzene-d5

Concen: 94.747 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127483.D

Acq: 23 Mar 2022 16:28

Instrument :

BNA_F

ClientSampleId :

MHA

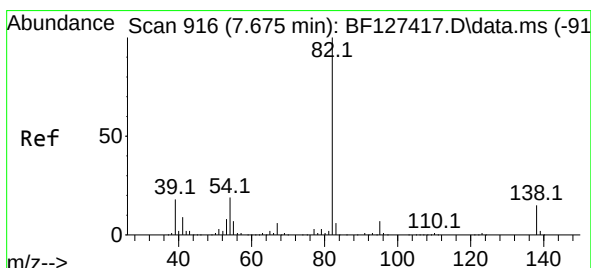
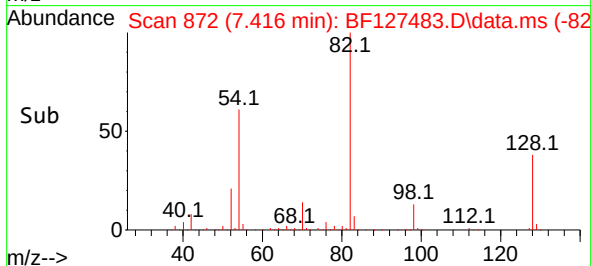
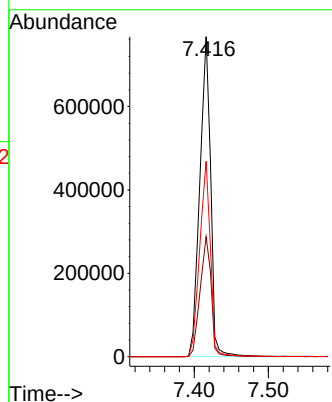
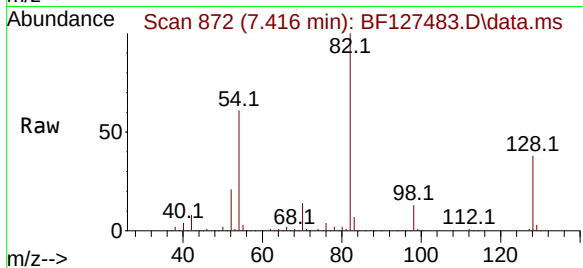
Tgt Ion: 82 Resp: 782149

Ion Ratio Lower Upper

82 100

128 37.5 30.6 45.8

54 61.0 48.2 72.2



#25

Isophorone

Concen: 59.487 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127483.D

Acq: 23 Mar 2022 16:28

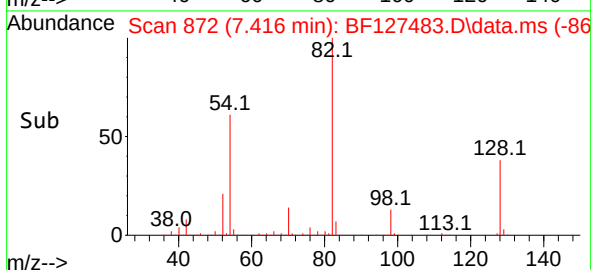
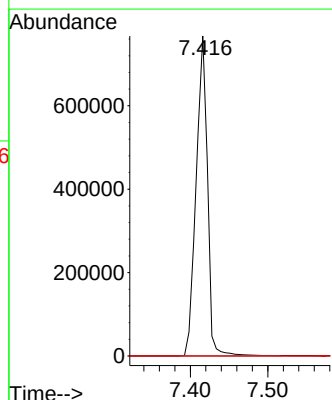
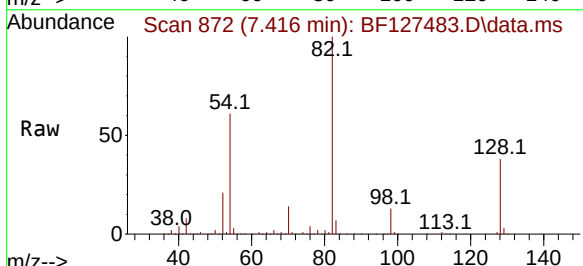
Tgt Ion: 82 Resp: 782140

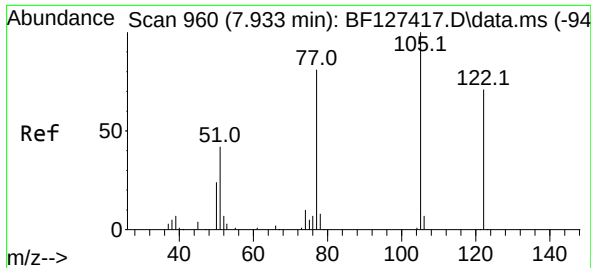
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

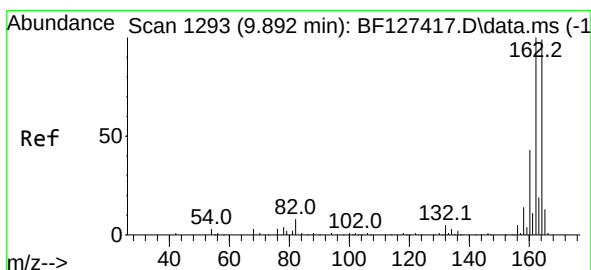
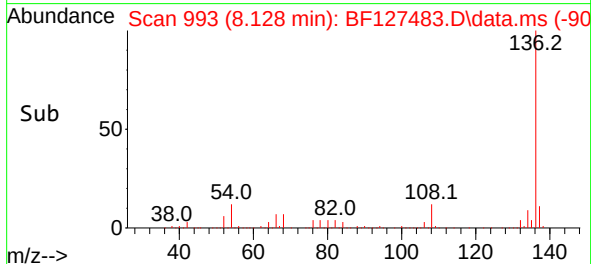
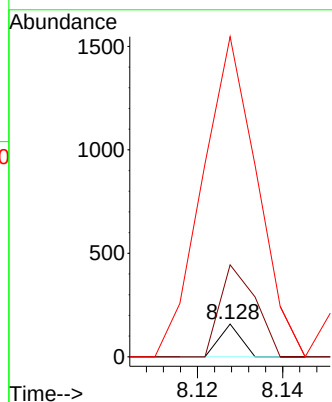
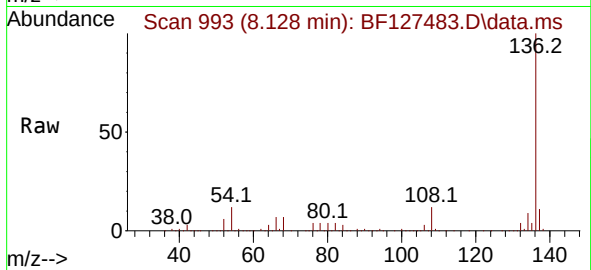




#32
Benzoic acid
Concen: 6.059 ng
RT: 8.128 min Scan# 91
Delta R.T. 0.195 min
Lab File: BF127483.D
Acq: 23 Mar 2022 16:28

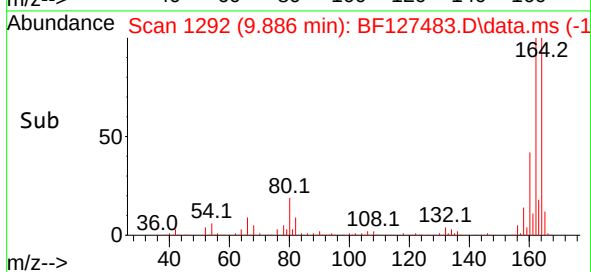
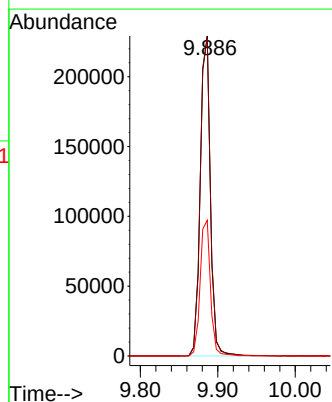
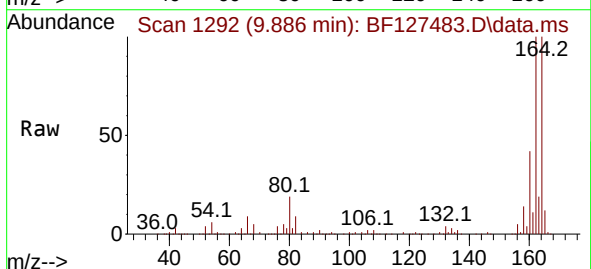
Instrument :
BNA_F
ClientSampleId :
MHA

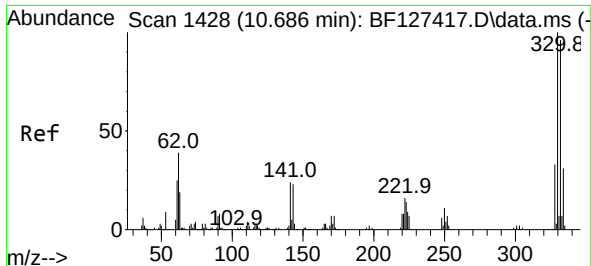
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 281.0 117.1 157.1#
77 979.1 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127483.D
Acq: 23 Mar 2022 16:28

Tgt Ion:164 Resp: 207126
Ion Ratio Lower Upper
164 100
162 99.5 81.2 121.8
160 42.4 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 137.874 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127483.D

Acq: 23 Mar 2022 16:28

Instrument :

BNA_F

ClientSampleId :

MHA

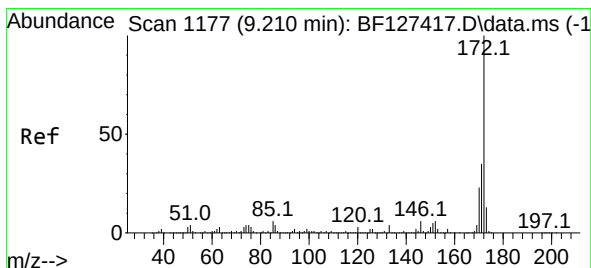
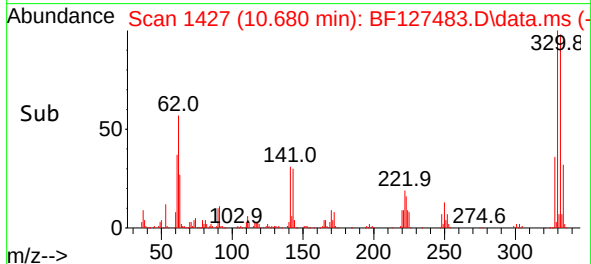
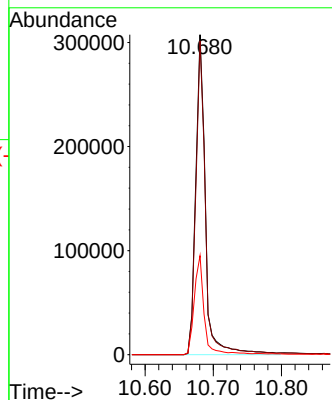
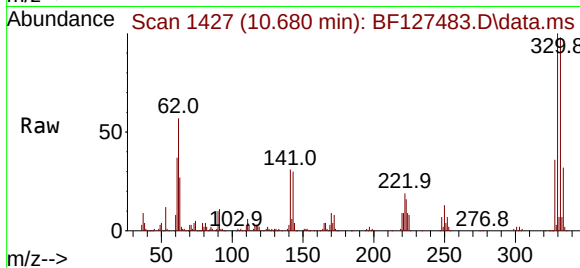
Tgt Ion:330 Resp: 304207

Ion Ratio Lower Upper

330 100

332 97.8 79.1 118.7

141 32.5 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 91.946 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127483.D

Acq: 23 Mar 2022 16:28

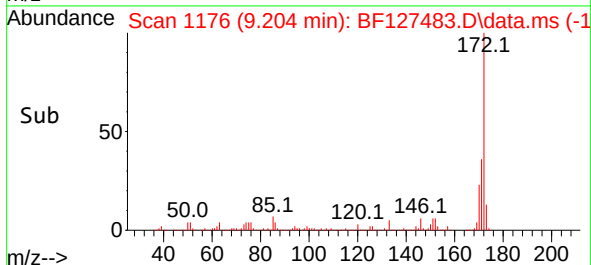
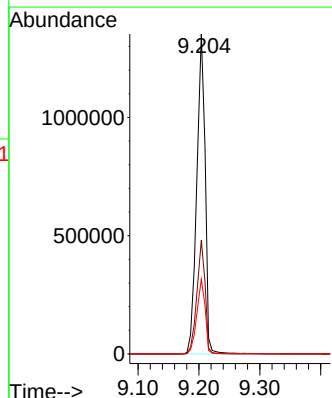
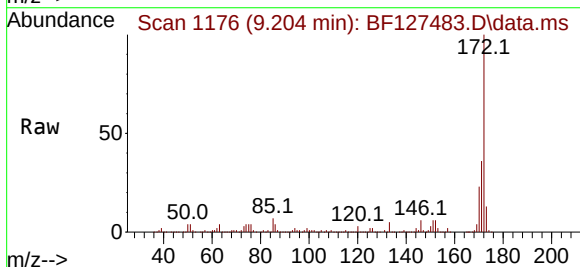
Tgt Ion:172 Resp: 1304204

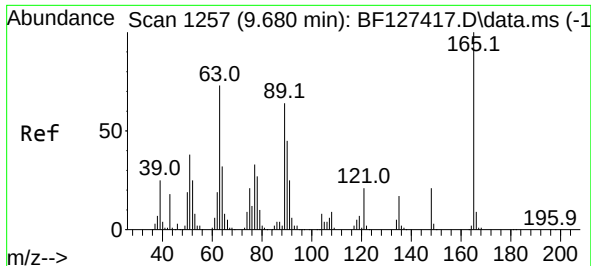
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.4 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.524 ng

RT: 9.886 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF127483.D

Acq: 23 Mar 2022 16:28

Instrument :

BNA_F

ClientSampleId :

MHA

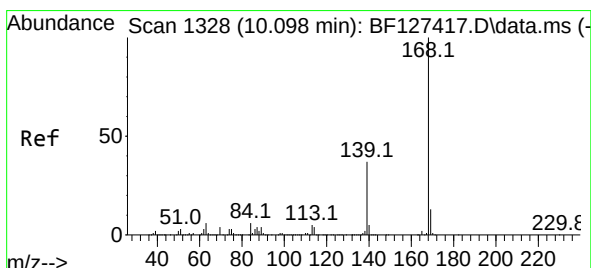
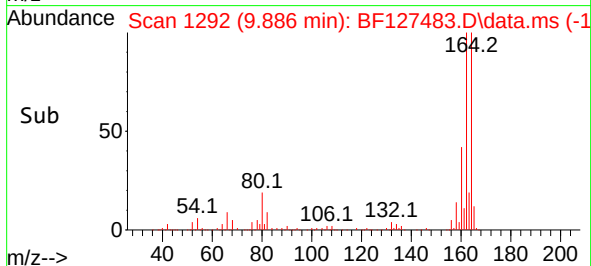
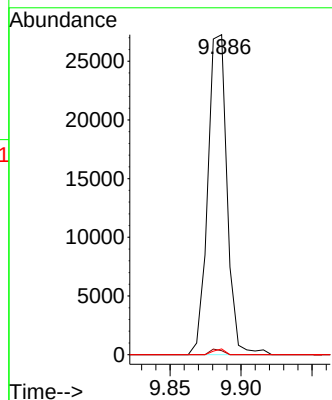
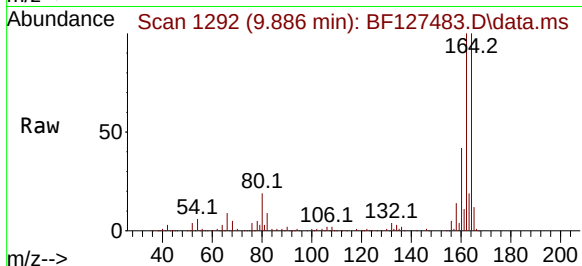
Tgt Ion:165 Resp: 25783

Ion Ratio Lower Upper

165 100

63 1.3 58.3 87.5#

89 1.8 51.5 77.3#



#55

Dibenzofuran

Concen: Below Cal

RT: 10.110 min Scan# 1330

Delta R.T. 0.012 min

Lab File: BF127483.D

Acq: 23 Mar 2022 16:28

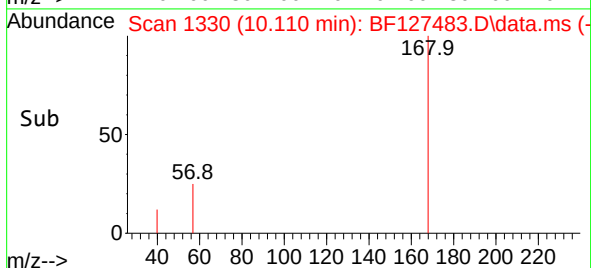
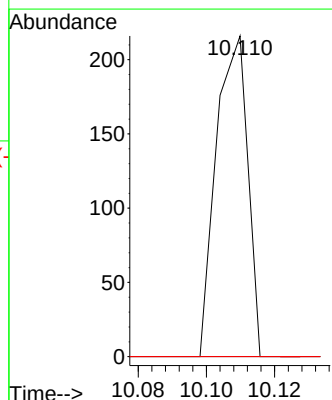
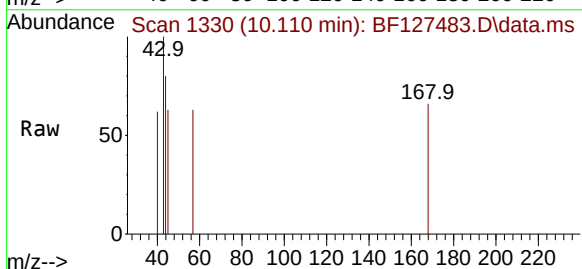
Tgt Ion:168 Resp: 138

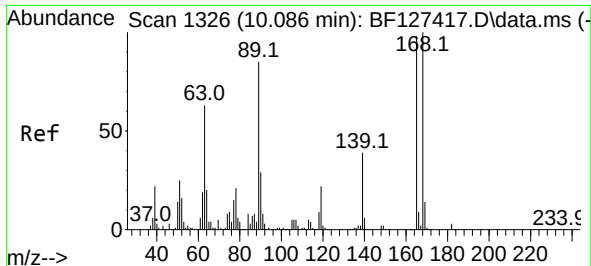
Ion Ratio Lower Upper

168 100

139 0.0 30.3 45.5#

169 0.0 10.8 16.2#

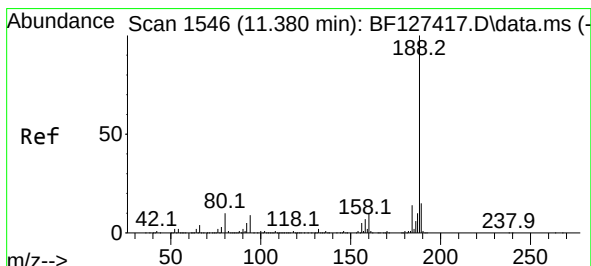
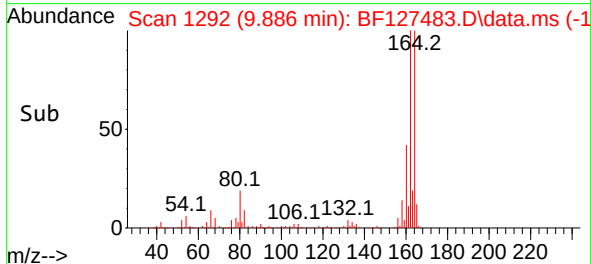
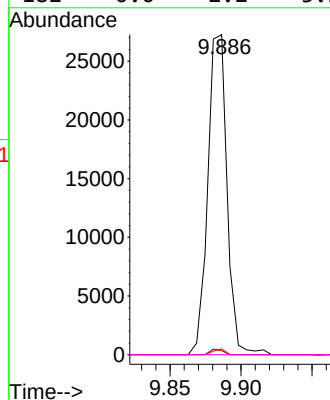
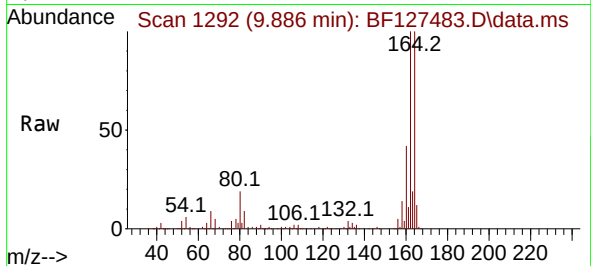




#57
2,4-Dinitrotoluene
Concen: 6.622 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127483.D
Acq: 23 Mar 2022 16:28

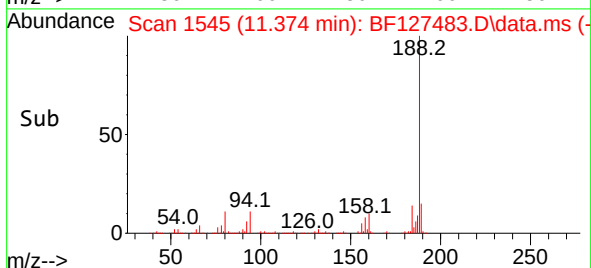
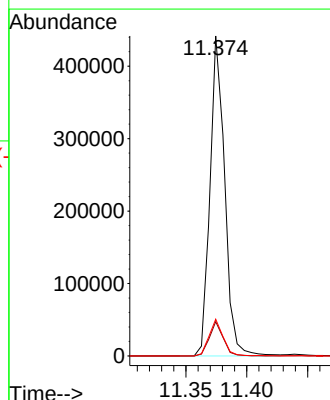
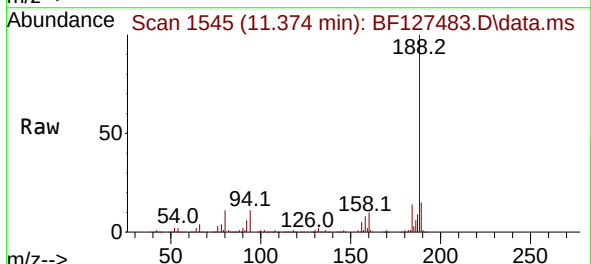
Instrument :
BNA_F
ClientSampleId :
MHA

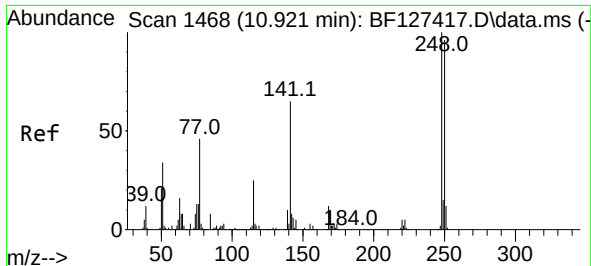
Tgt Ion:165 Resp: 25783
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.8 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF127483.D
Acq: 23 Mar 2022 16:28

Tgt Ion:188 Resp: 370637
Ion Ratio Lower Upper
188 100
94 10.7 7.4 11.0
80 11.5 8.0 12.0





#67

4-Bromophenyl-phenylether

Concen: 4.660 ng

RT: 10.680 min Scan# 1468

Delta R.T. -0.241 min

Lab File: BF127483.D

Acq: 23 Mar 2022 16:28

Instrument :

BNA_F

ClientSampleId :

MHA

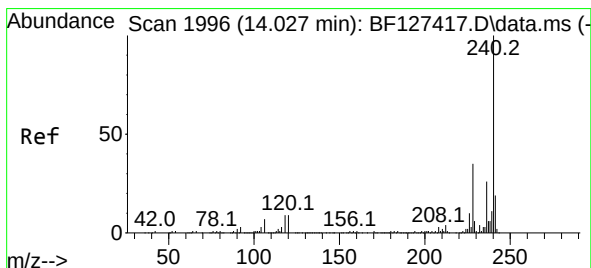
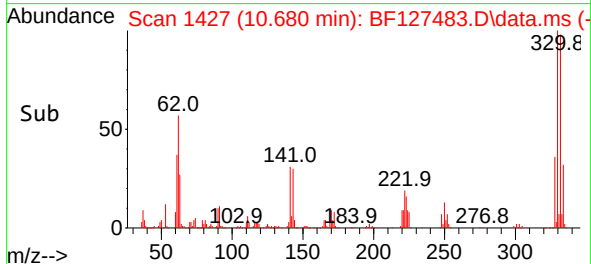
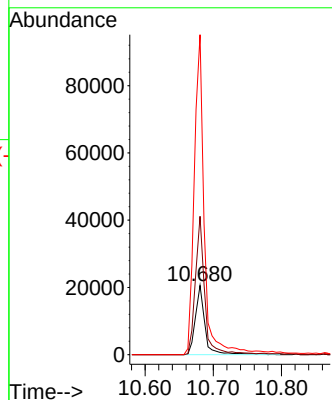
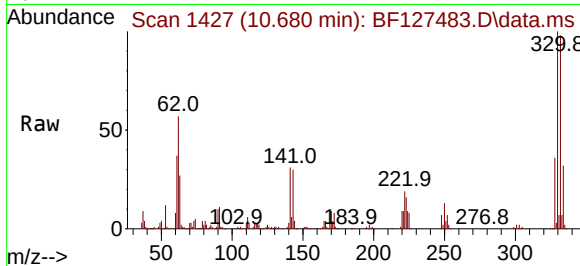
Tgt Ion:248 Resp: 20167

Ion Ratio Lower Upper

248 100

250 199.8 76.6 115.0#

141 462.1 52.2 78.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BF127483.D

Acq: 23 Mar 2022 16:28

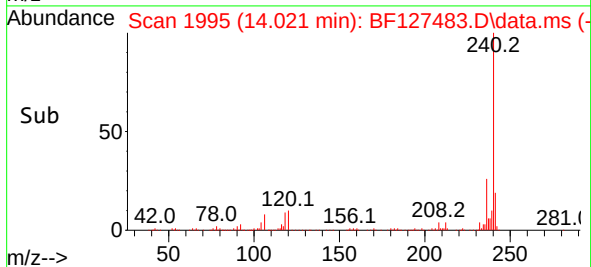
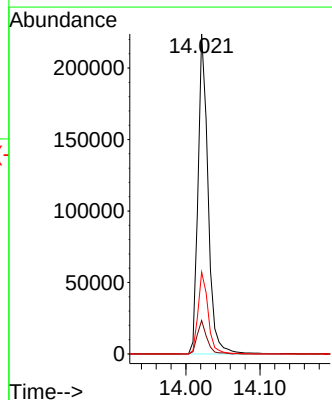
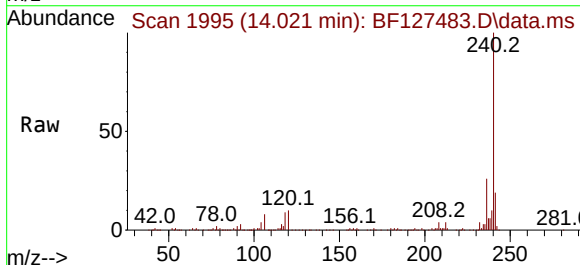
Tgt Ion:240 Resp: 209841

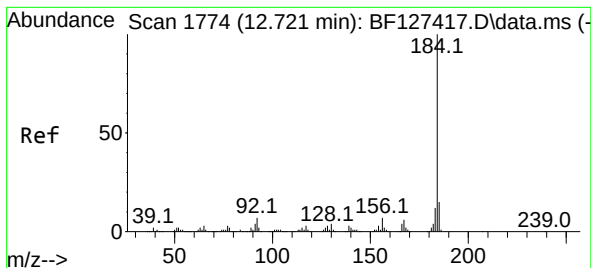
Ion Ratio Lower Upper

240 100

120 10.5 7.1 10.7

236 25.6 20.7 31.1





#77

Benzidine

Concen: 3.396 ng

RT: 12.963 min Scan# 1815

Delta R.T. 0.241 min

Lab File: BF127483.D

Acq: 23 Mar 2022 16:28

Instrument :

BNA_F

ClientSampleId :

MHA

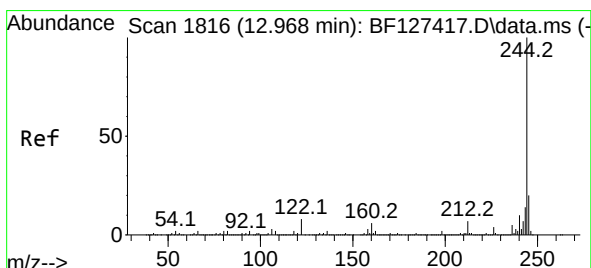
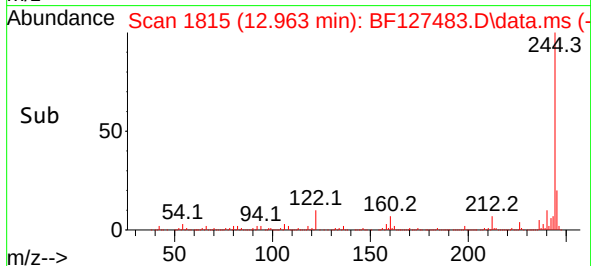
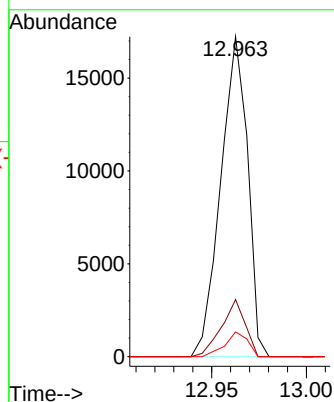
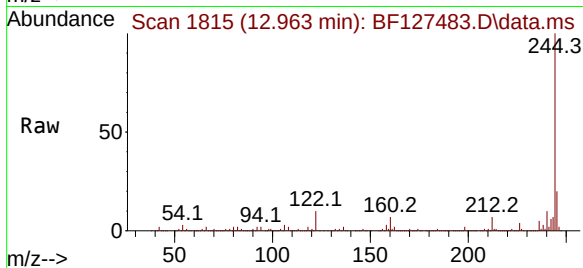
Tgt Ion:184 Resp: 16994

Ion Ratio Lower Upper

184 100

185 17.9 12.2 18.2

183 7.7 9.4 14.0#



#79

Terphenyl-d14

Concen: 108.049 ng

RT: 12.963 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF127483.D

Acq: 23 Mar 2022 16:28

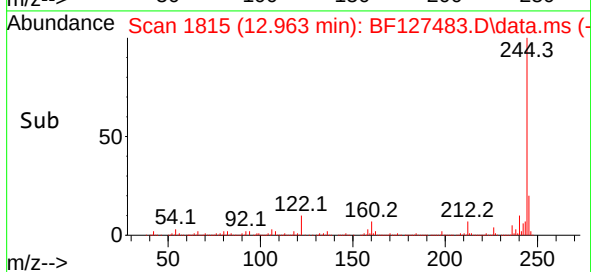
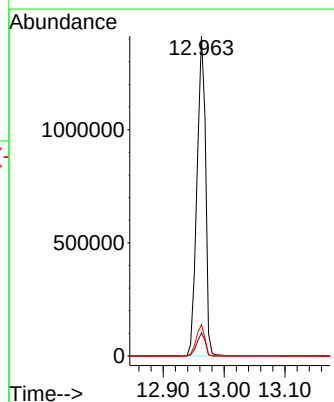
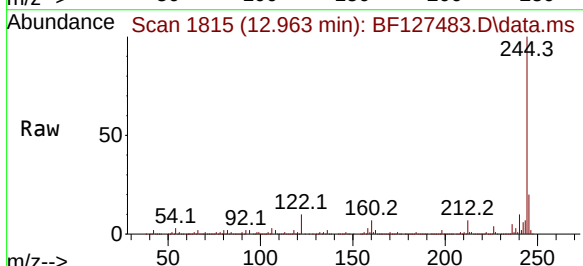
Tgt Ion:244 Resp: 1385024

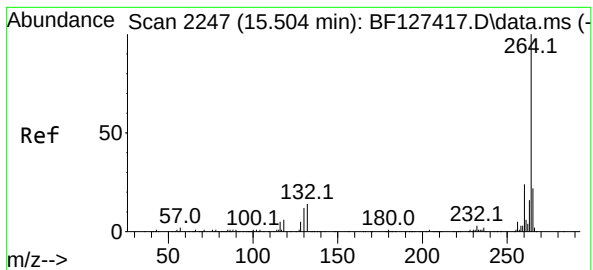
Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

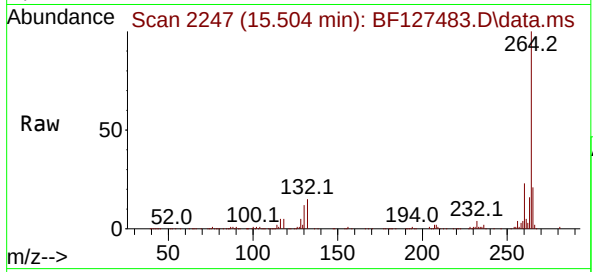
122 9.8 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127483.D
 Acq: 23 Mar 2022 16:28

Instrument :
 BNA_F
 ClientSampleId :
 MHA



Tgt Ion:264 Resp: 199494
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.1 17.4 26.2

