

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032322\
 Data File : BF127480.D
 Acq On : 23 Mar 2022 15:02
 Operator : CG\JU
 Sample : N2063-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3-(10-10.5)

Quant Time: Mar 24 02:12:09 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)

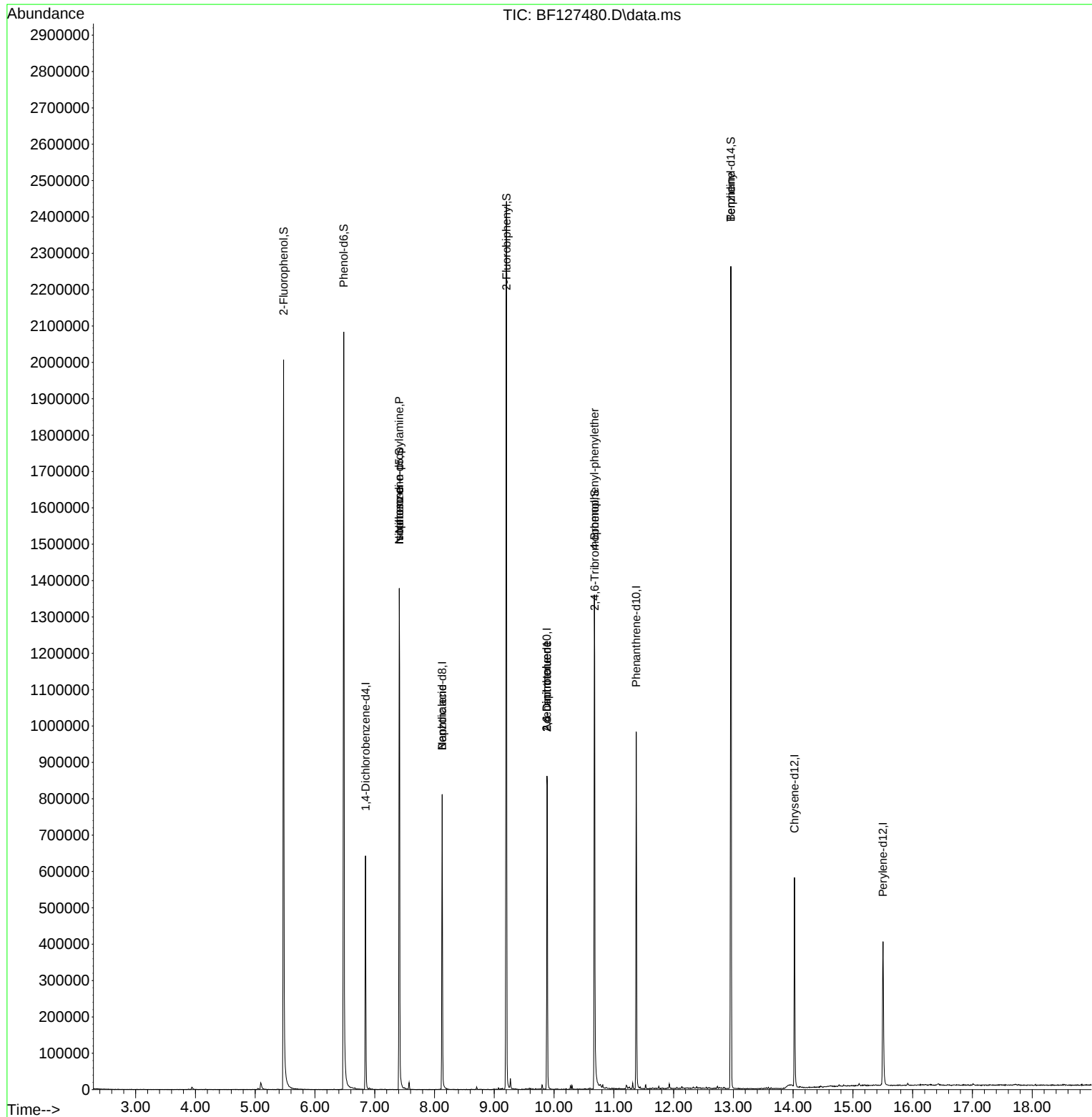
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	86919	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	322250	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	187322	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	333031	20.000	ng	0.00
76) Chrysene-d12	14.022	240	195116	20.000	ng	0.00
86) Perylene-d12	15.504	264	185723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	492372	90.421	ng	0.00
7) Phenol-d6	6.481	99	663325	89.117	ng	0.00
23) Nitrobenzene-d5	7.410	82	447819	59.402	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	166778	83.579	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	770580	60.069	ng	0.00
79) Terphenyl-d14	12.957	244	796401	66.818	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1047	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.410	70	60900	13.650	ng	# 81
25) Isophorone	7.410	82	447816	37.296	ng	# 70
32) Benzoic acid	8.128	122	53	6.060	ng	# 1
51) 2,6-Dinitrotoluene	9.881	165	23830	8.711	ng	# 17
57) 2,4-Dinitrotoluene	9.881	165	23830	6.768	ng	# 14
58) Fluorene	10.675	166	6978	Below Cal	#	88
67) 4-Bromophenyl-phenylether	10.675	248	11156	2.869	ng	# 1
77) Benzidine	12.957	184	9882	2.124	ng	# 92

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

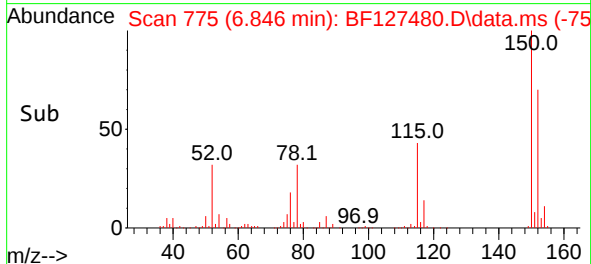
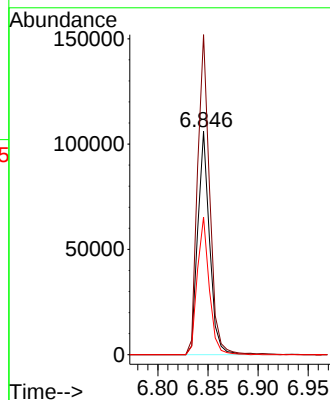
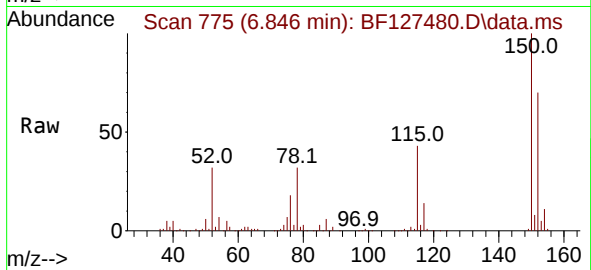




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF127480.D
Acq: 23 Mar 2022 15:02

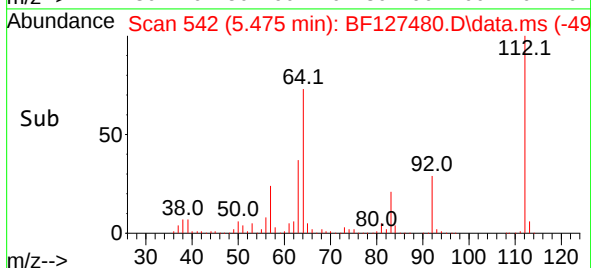
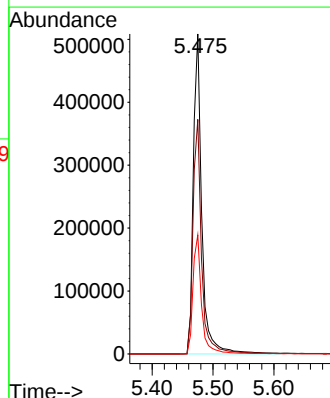
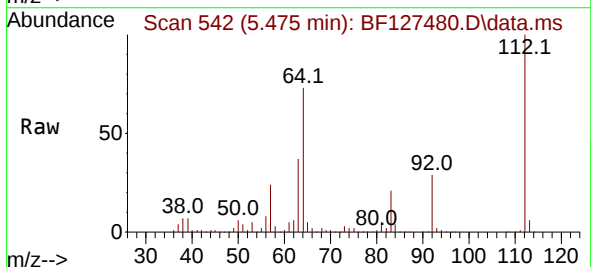
Instrument :
BNA_F
ClientSampleId :
WC-3-(10-10.5)

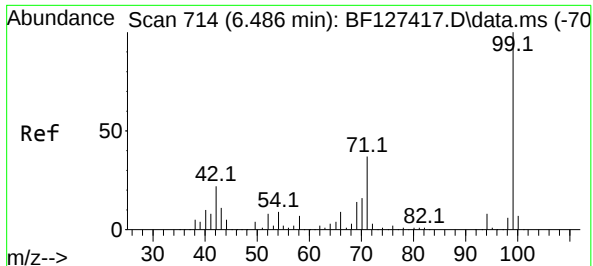
Tgt Ion:152 Resp: 86919
Ion Ratio Lower Upper
152 100
150 143.4 117.2 175.8
115 61.7 49.8 74.6



#5
2-Fluorophenol
Concen: 90.421 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127480.D
Acq: 23 Mar 2022 15:02

Tgt Ion:112 Resp: 492372
Ion Ratio Lower Upper
112 100
64 73.3 58.4 87.6
63 37.2 30.1 45.1

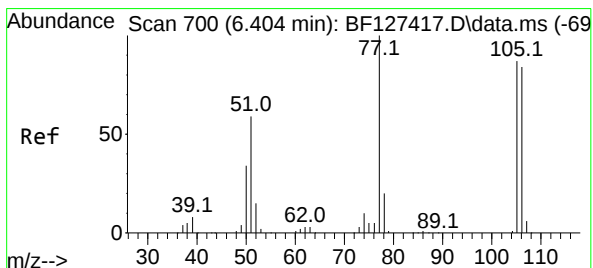
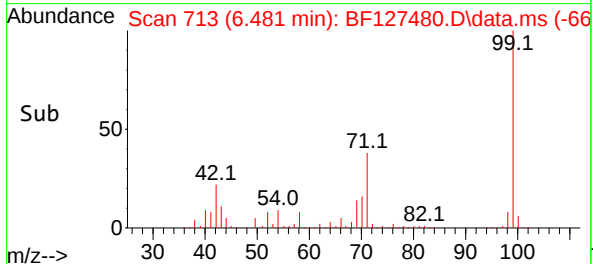
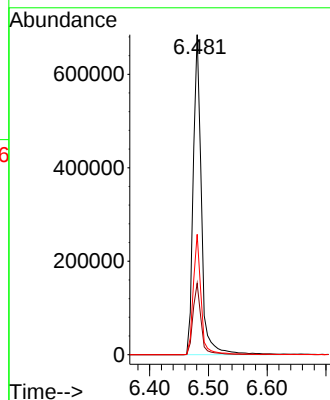
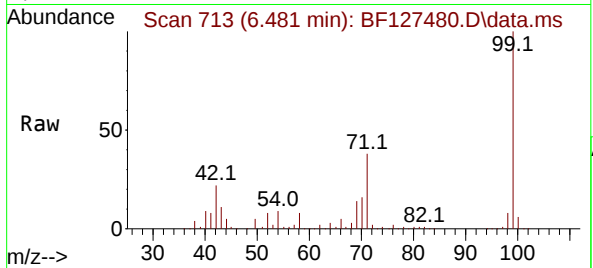




#7
Phenol-d6
Concen: 89.117 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF127480.D
Acq: 23 Mar 2022 15:02

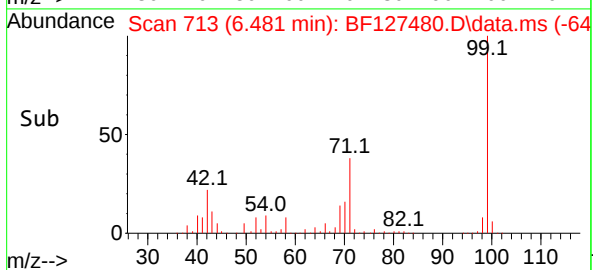
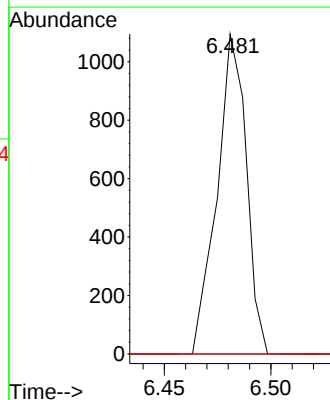
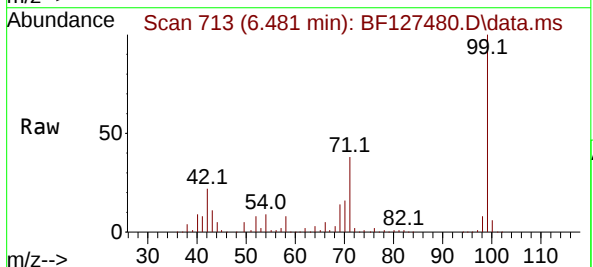
Instrument :
BNA_F
ClientSampleId :
WC-3-(10-10.5)

Tgt Ion: 99 Resp: 663325
Ion Ratio Lower Upper
99 100
42 22.3 17.8 26.6
71 37.6 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.077 min
Lab File: BF127480.D
Acq: 23 Mar 2022 15:02

Tgt Ion: 77 Resp: 1047
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: 13.650 ng

RT: 7.410 min Scan# 81

Delta R.T. 0.147 min

Lab File: BF127480.D

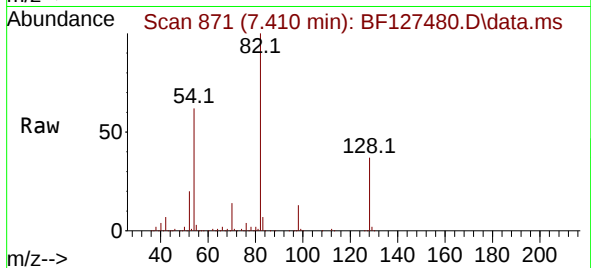
Acq: 23 Mar 2022 15:02

Instrument :

BNA_F

ClientSampleId :

WC-3-(10-10.5)



Tgt Ion: 70 Resp: 60900

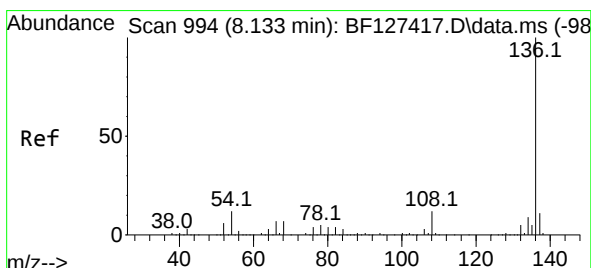
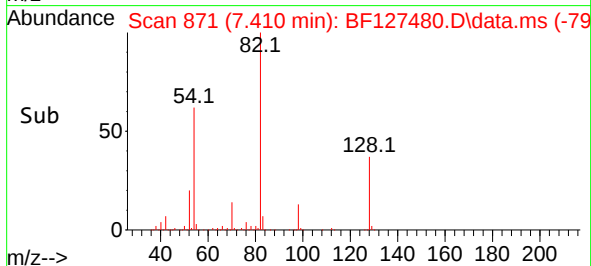
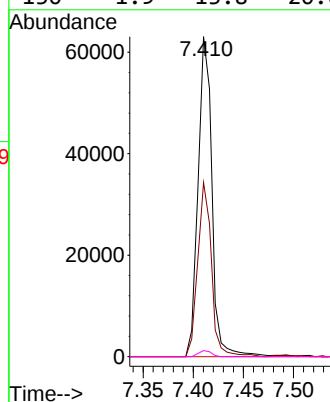
Ion Ratio Lower Upper

70 100

42 54.5 53.0 79.6

101 0.0 6.8 10.2#

130 1.9 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: BF127480.D

Acq: 23 Mar 2022 15:02

Tgt Ion:136 Resp: 322250

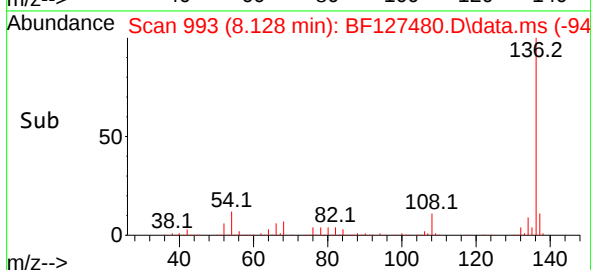
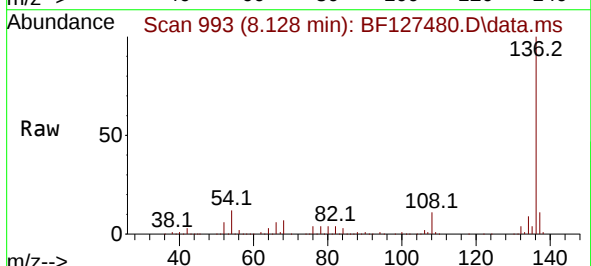
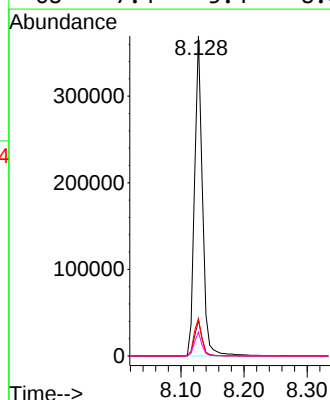
Ion Ratio Lower Upper

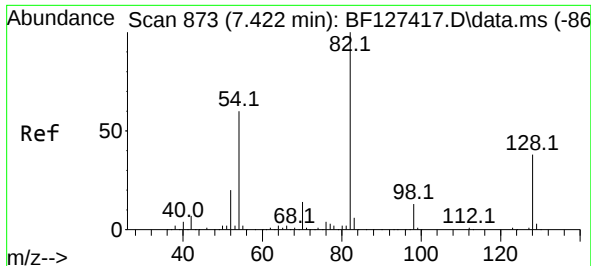
136 100

137 11.1 8.6 13.0

54 11.8 9.2 13.8

68 7.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 59.402 ng

RT: 7.410 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127480.D

Acq: 23 Mar 2022 15:02

Instrument :

BNA_F

ClientSampleId :

WC-3-(10-10.5)

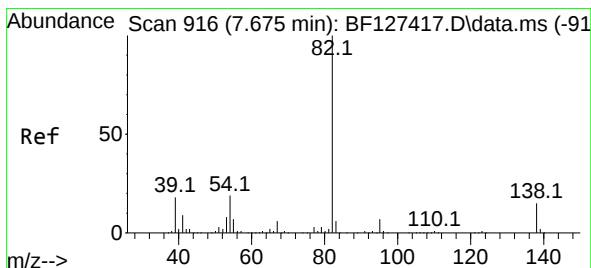
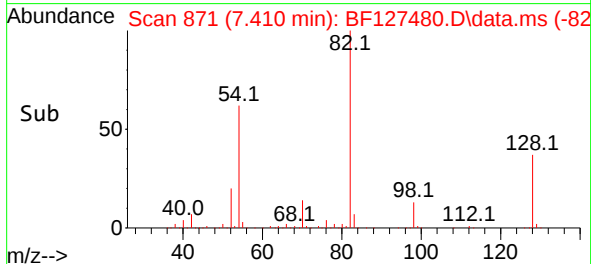
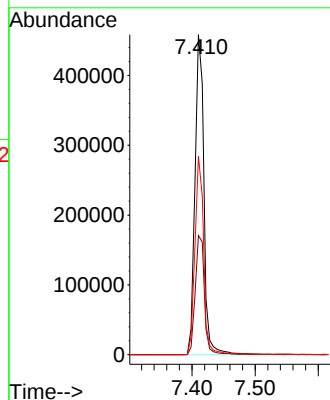
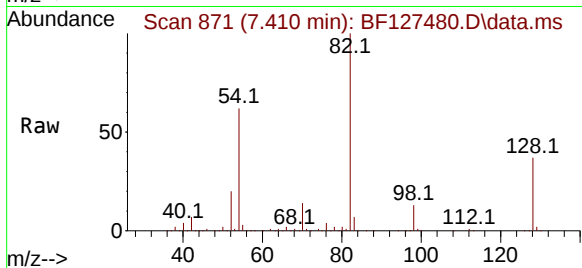
Tgt Ion: 82 Resp: 447819

Ion Ratio Lower Upper

82 100

128 37.3 30.6 45.8

54 62.0 48.2 72.2



#25

Isophorone

Concen: 37.296 ng

RT: 7.410 min Scan# 871

Delta R.T. -0.264 min

Lab File: BF127480.D

Acq: 23 Mar 2022 15:02

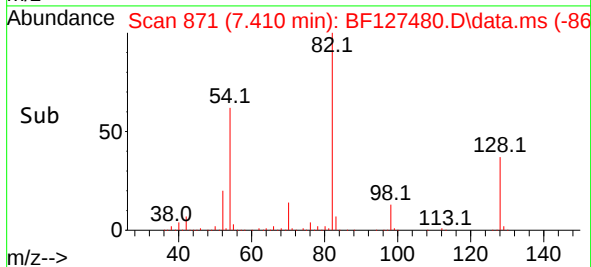
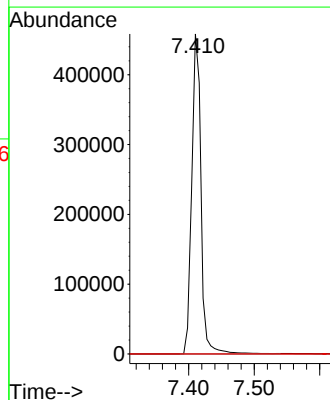
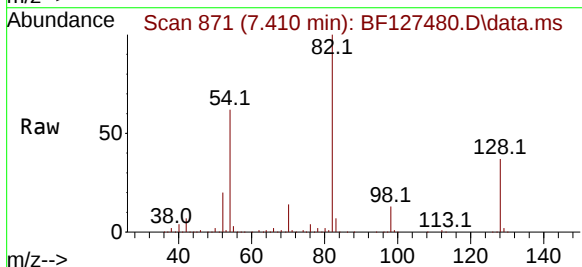
Tgt Ion: 82 Resp: 447816

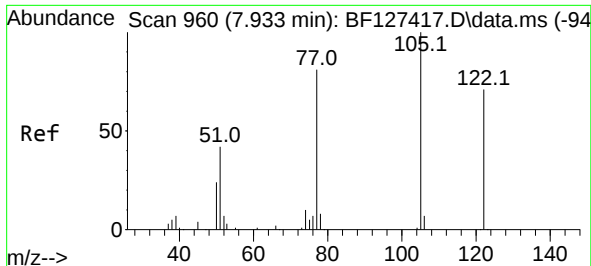
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

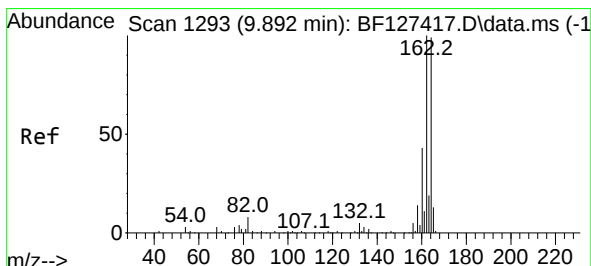
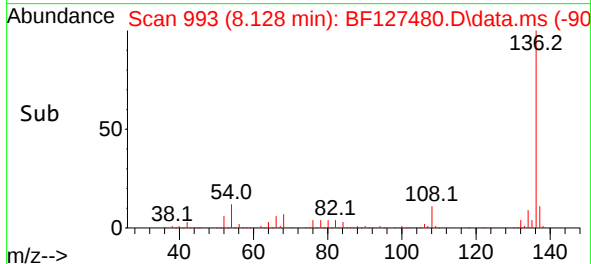
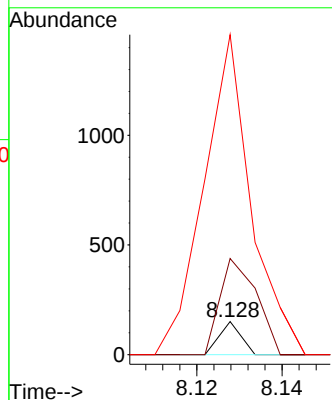
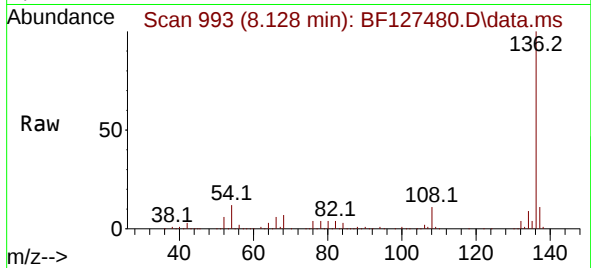




#32
Benzoic acid
Concen: 6.060 ng
RT: 8.128 min Scan# 91
Delta R.T. 0.195 min
Lab File: BF127480.D
Acq: 23 Mar 2022 15:02

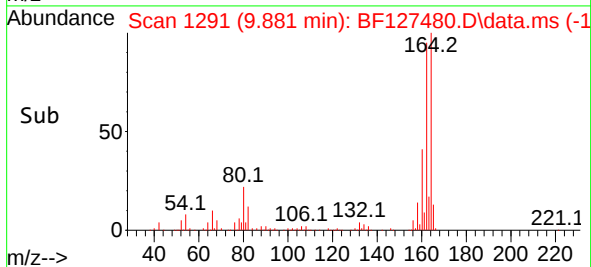
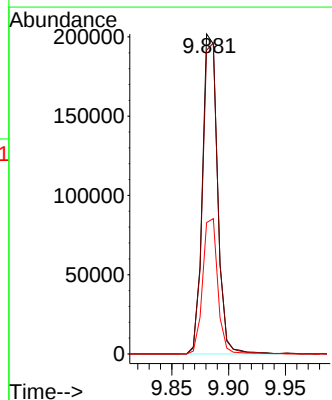
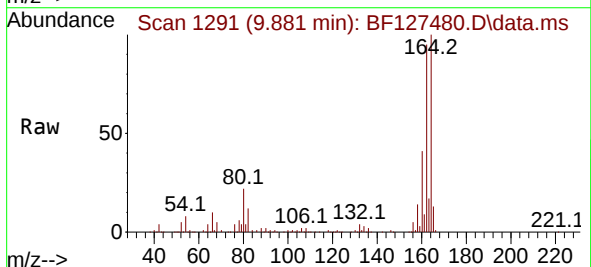
Instrument :
BNA_F
ClientSampleId :
WC-3-(10-10.5)

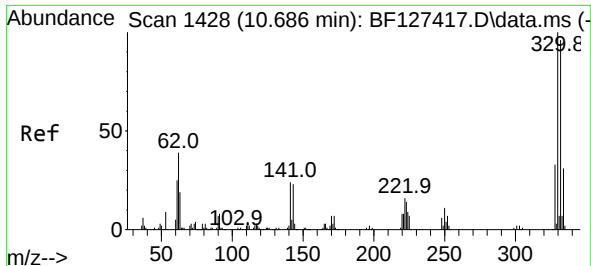
Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 290.1 117.1 157.1#
77 966.2 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF127480.D
Acq: 23 Mar 2022 15:02

Tgt Ion:164 Resp: 187322
Ion Ratio Lower Upper
164 100
162 94.9 81.2 121.8
160 41.0 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 83.579 ng

RT: 10.681 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127480.D

Acq: 23 Mar 2022 15:02

Instrument :

BNA_F

ClientSampleId :

WC-3-(10-10.5)

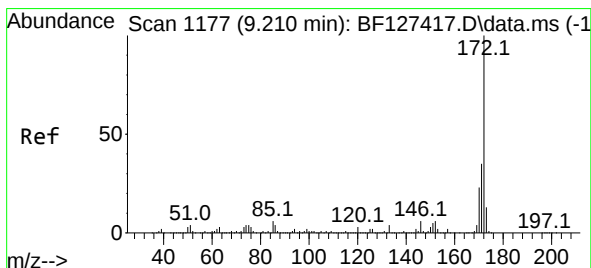
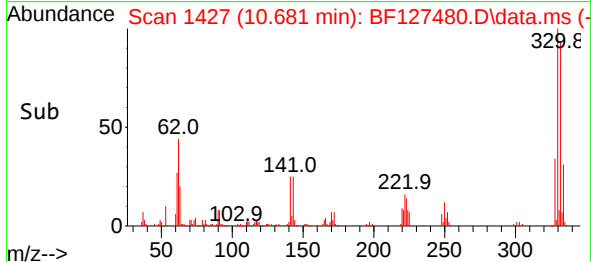
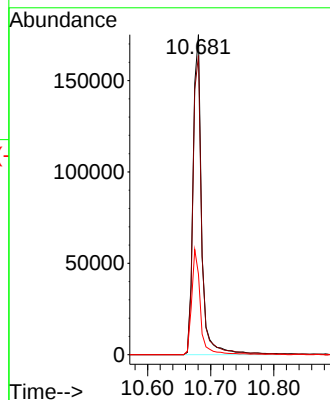
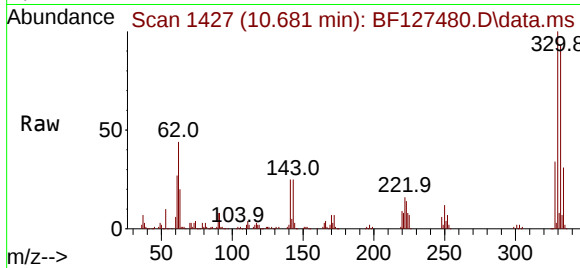
Tgt Ion:330 Resp: 166778

Ion Ratio Lower Upper

330 100

332 96.0 79.1 118.7

141 33.4 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 60.069 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127480.D

Acq: 23 Mar 2022 15:02

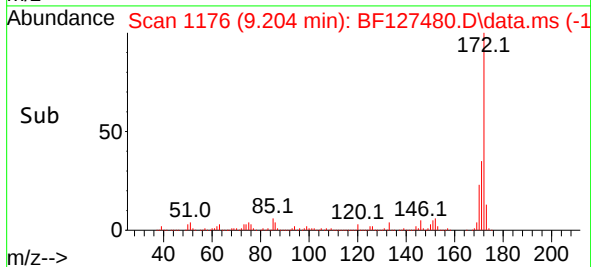
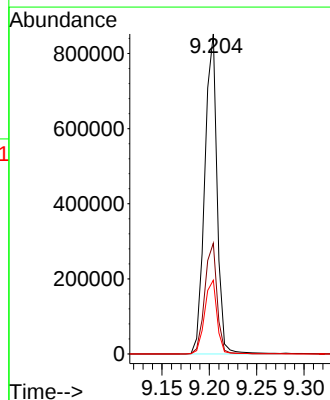
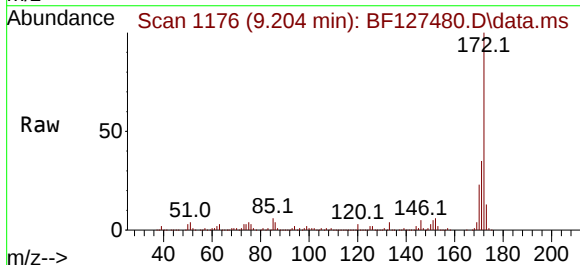
Tgt Ion:172 Resp: 770580

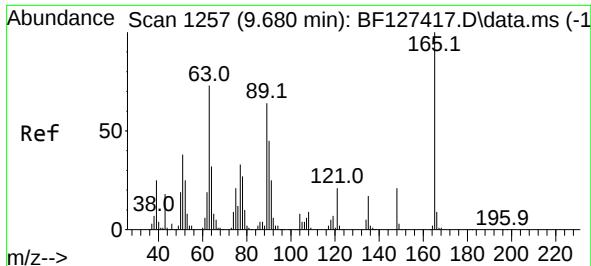
Ion Ratio Lower Upper

172 100

171 34.6 28.4 42.6

170 23.0 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.711 ng

RT: 9.881 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF127480.D

Acq: 23 Mar 2022 15:02

Instrument :

BNA_F

ClientSampleId :

WC-3-(10-10.5)

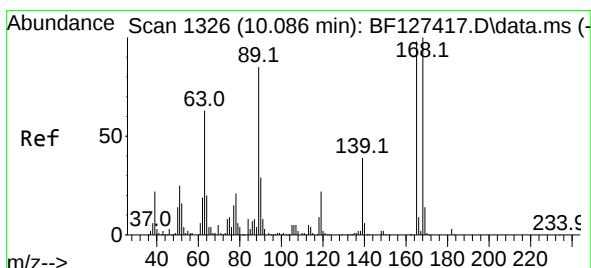
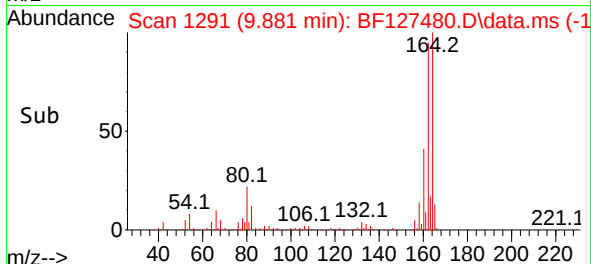
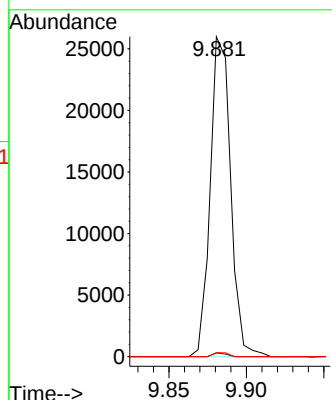
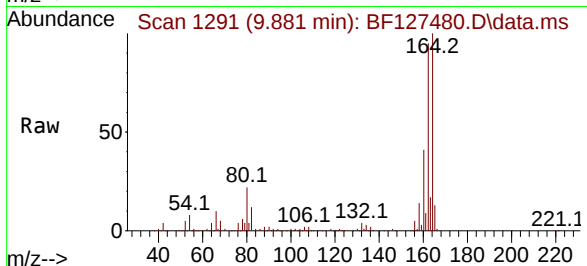
Tgt Ion:165 Resp: 23830

Ion Ratio Lower Upper

165 100

63 1.1 58.3 87.5#

89 1.3 51.5 77.3#



#57

2,4-Dinitrotoluene

Concen: 6.768 ng

RT: 9.881 min Scan# 1291

Delta R.T. -0.205 min

Lab File: BF127480.D

Acq: 23 Mar 2022 15:02

Tgt Ion:165 Resp: 23830

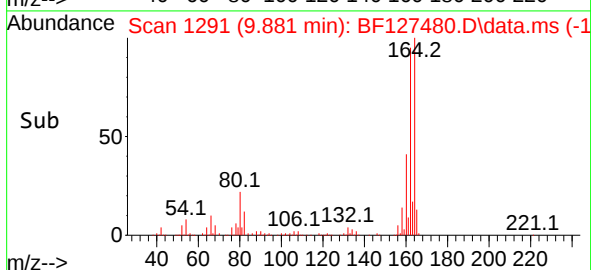
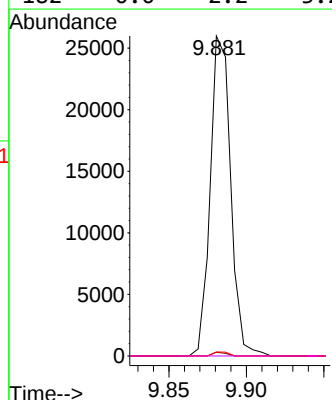
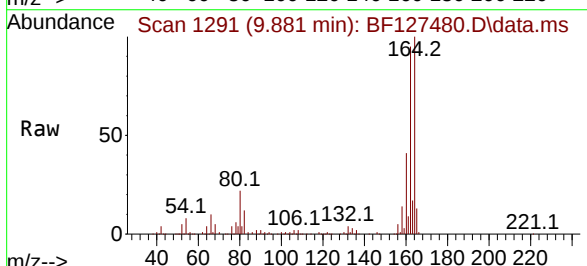
Ion Ratio Lower Upper

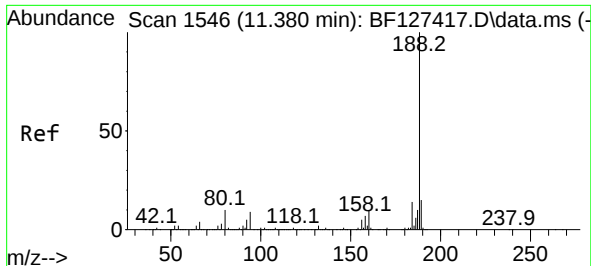
165 100

63 1.1 53.1 79.7#

89 1.3 69.2 103.8#

182 0.0 2.2 3.2#

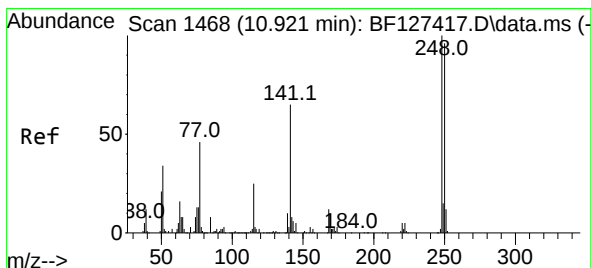
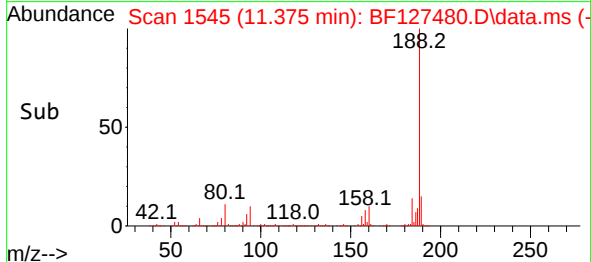
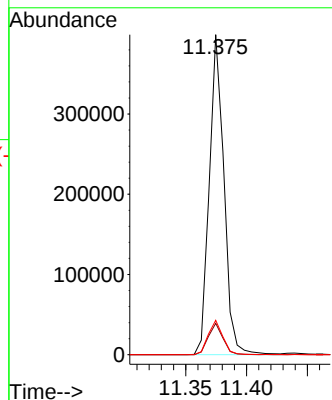
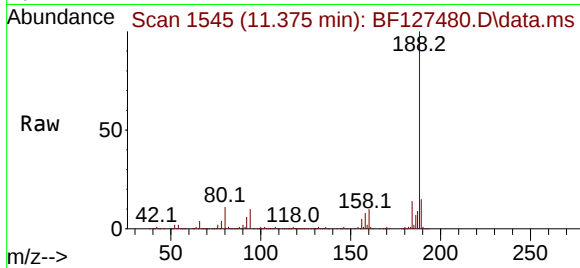




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF127480.D
Acq: 23 Mar 2022 15:02

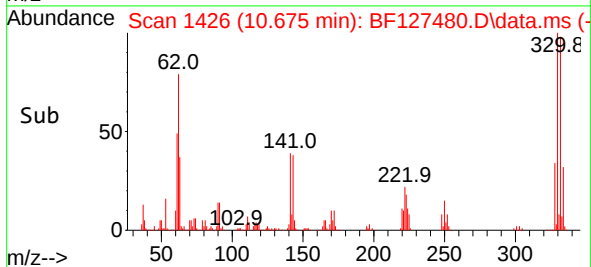
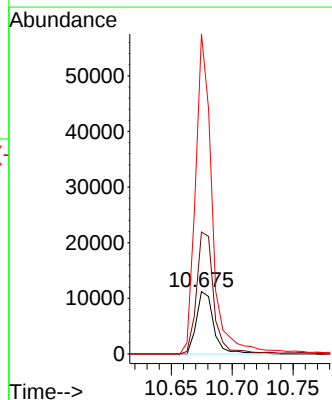
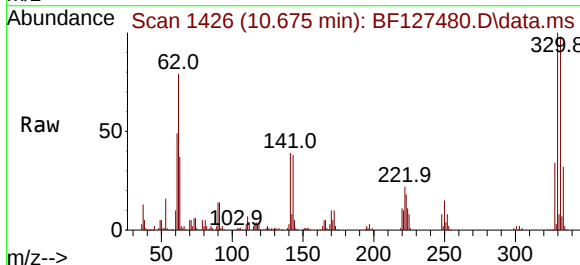
Instrument :
BNA_F
ClientSampleId :
WC-3-(10-10.5)

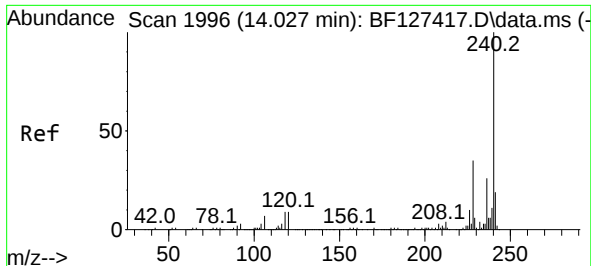
Tgt Ion:188 Resp: 333031
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.0
80 10.8 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 2.869 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF127480.D
Acq: 23 Mar 2022 15:02

Tgt Ion:248 Resp: 11156
Ion Ratio Lower Upper
248 100
250 195.5 76.6 115.0#
141 513.3 52.2 78.2#

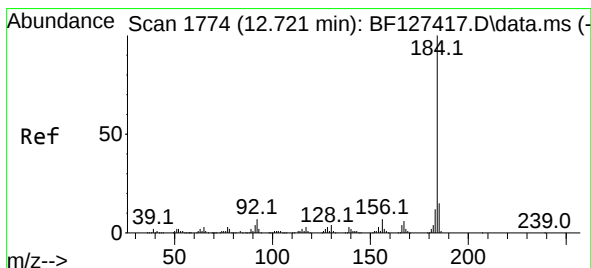
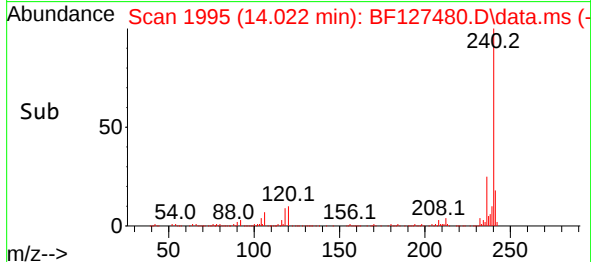
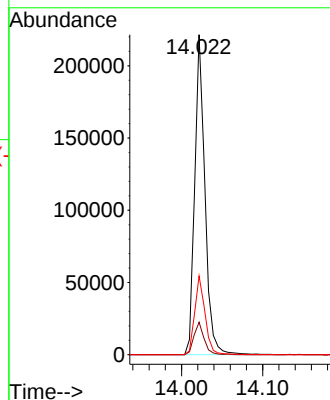
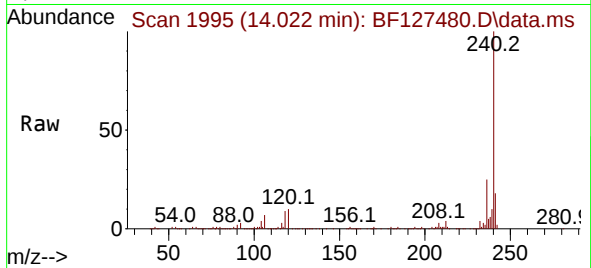




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF127480.D
Acq: 23 Mar 2022 15:02

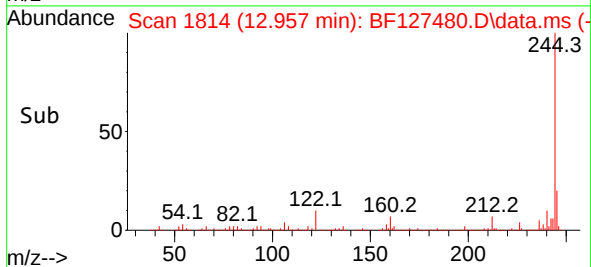
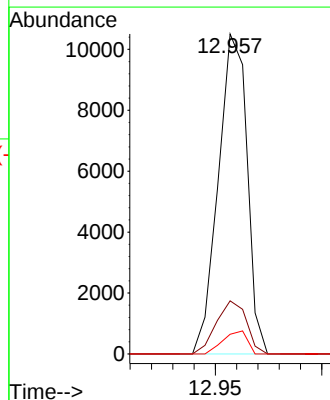
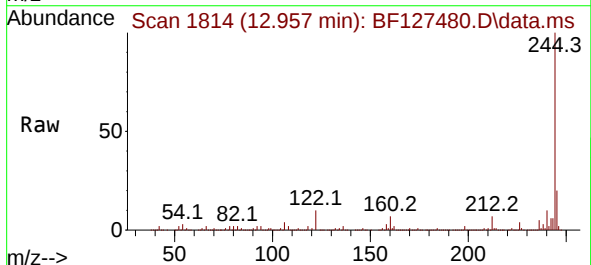
Instrument :
BNA_F
ClientSampleId :
WC-3-(10-10.5)

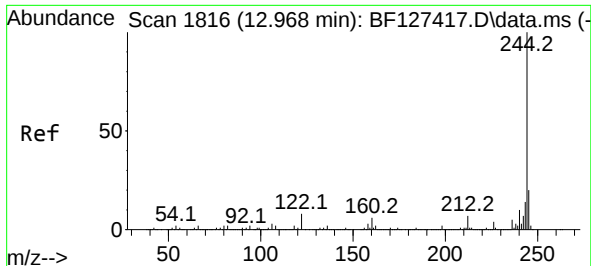
Tgt Ion:240 Resp: 195116
Ion Ratio Lower Upper
240 100
120 10.2 7.1 10.7
236 24.6 20.7 31.1



#77
Benzidine
Concen: 2.124 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.236 min
Lab File: BF127480.D
Acq: 23 Mar 2022 15:02

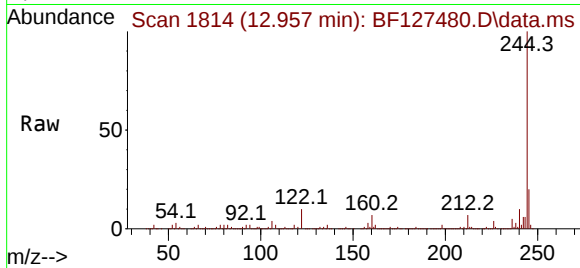
Tgt Ion:184 Resp: 9882
Ion Ratio Lower Upper
184 100
185 16.6 12.2 18.2
183 6.1 9.4 14.0#



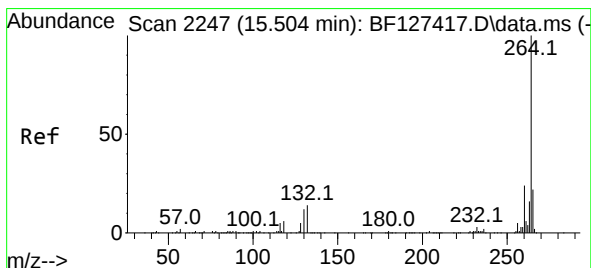
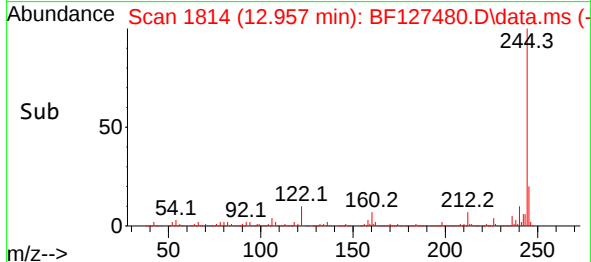
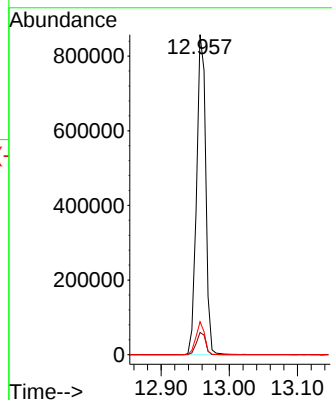


#79
 Terphenyl-d14
 Concen: 66.818 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.012 min
 Lab File: BF127480.D
 Acq: 23 Mar 2022 15:02

Instrument :
 BNA_F
 ClientSampleId :
 WC-3-(10-10.5)



Tgt Ion:244 Resp: 796401
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.3 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF127480.D
 Acq: 23 Mar 2022 15:02

Tgt Ion:264 Resp: 185723
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 20.9 17.4 26.2

