

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127531.D
 Acq On : 25 Mar 2022 17:47
 Operator : CG\JU
 Sample : N2077-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-3-1

Quant Time: Mar 26 02:21:19 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)

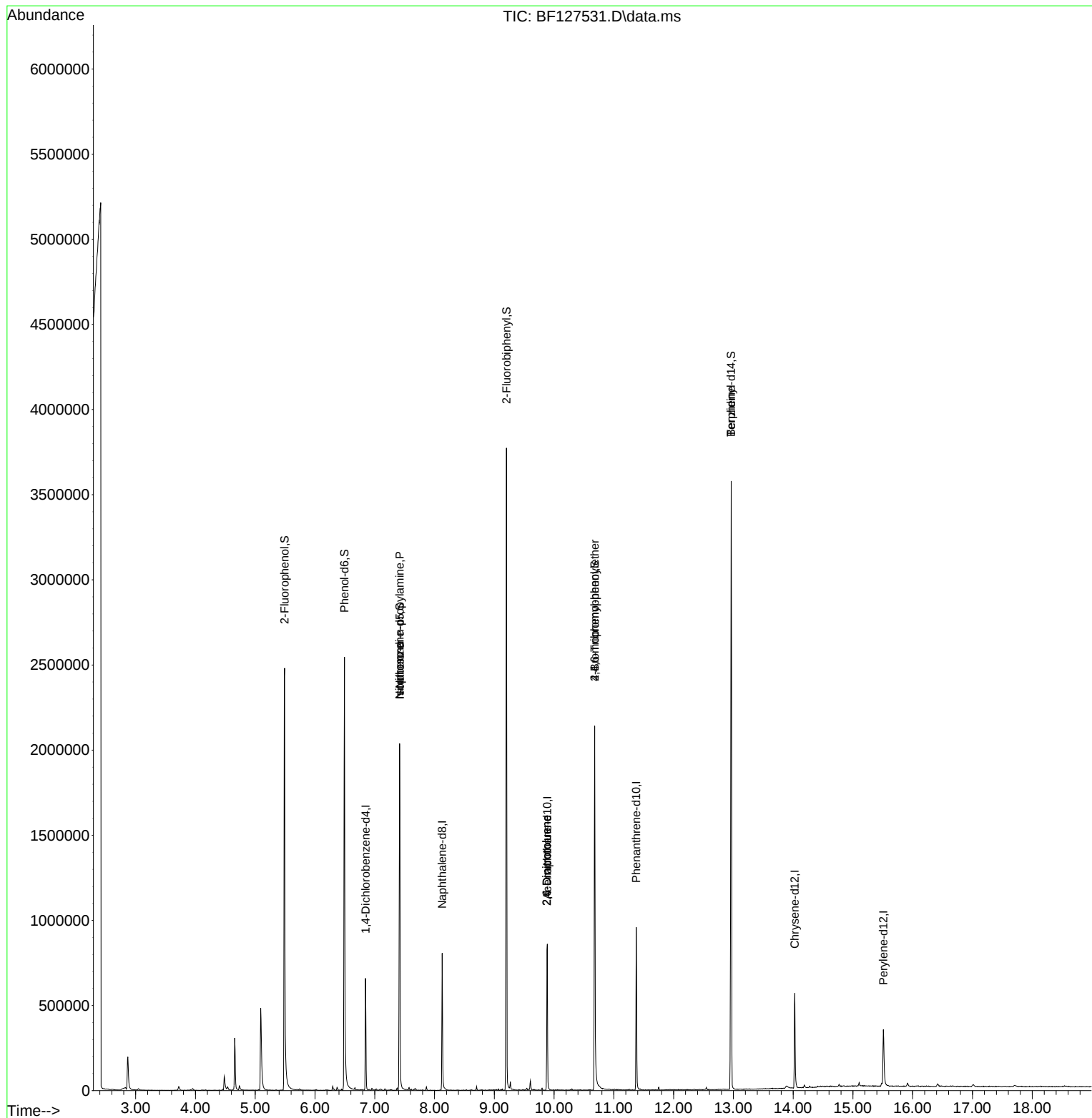
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	87097	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	317344	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	183881	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	334375	20.000	ng	0.00
76) Chrysene-d12	14.027	240	208750	20.000	ng	0.00
86) Perylene-d12	15.509	264	172464	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	697554	127.840	ng	0.02
7) Phenol-d6	6.492	99	889626	119.276	ng	0.00
23) Nitrobenzene-d5	7.416	82	692288	93.250	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	269513	137.591	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1155100	91.729	ng	0.00
79) Terphenyl-d14	12.963	244	1345571	105.520	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.375	77	120	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	94535	21.145	ng	# 80
25) Isophorone	7.416	82	692288	58.548	ng	# 70
51) 2,6-Dinitrotoluene	9.880	165	23862	8.886	ng	# 17
55) Dibenzofuran	10.110	168	334	Below Cal	#	45
57) 2,4-Dinitrotoluene	9.880	165	23862	6.904	ng	# 14
58) Fluorene	10.439	166	710	Below Cal	#	86
67) 4-Bromophenyl-phenylether	10.680	248	17852	4.573	ng	# 1
77) Benzidine	12.963	184	17314	3.479	ng	# 93

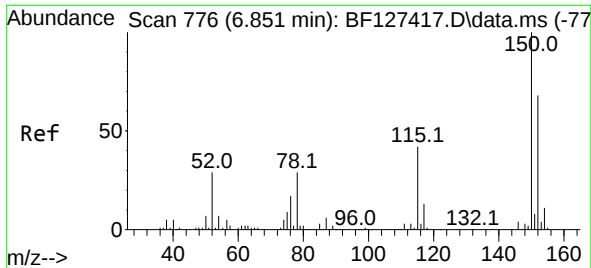
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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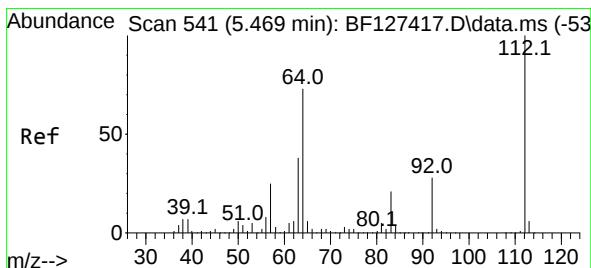
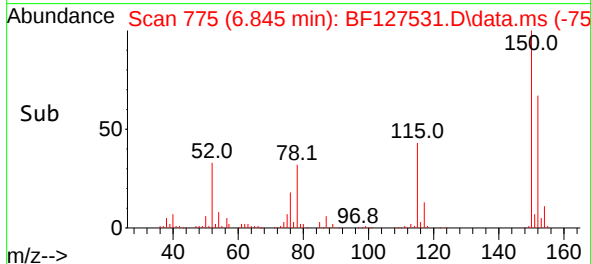
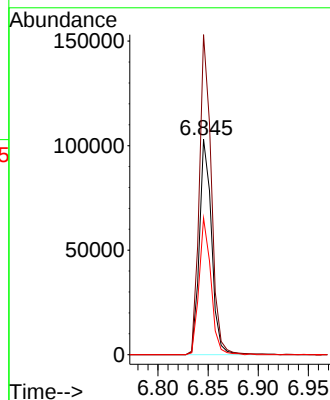
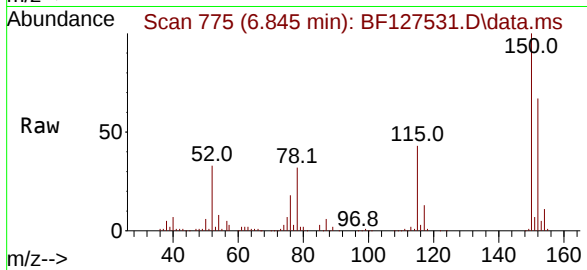




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

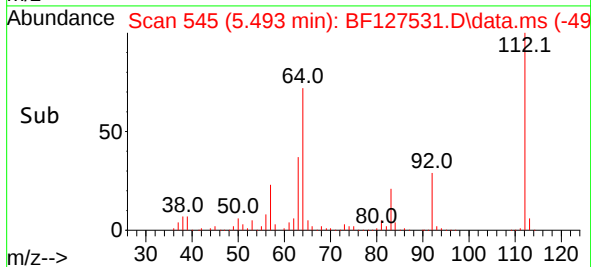
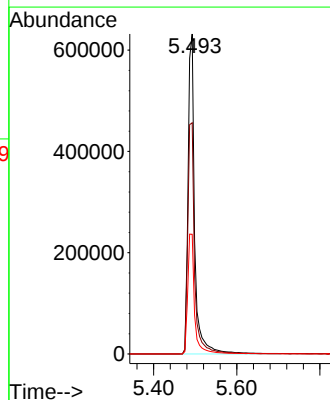
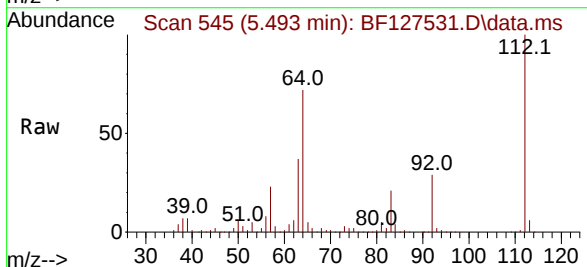
Instrument :
BNA_F
ClientSampleId :
WC-14A-3-1

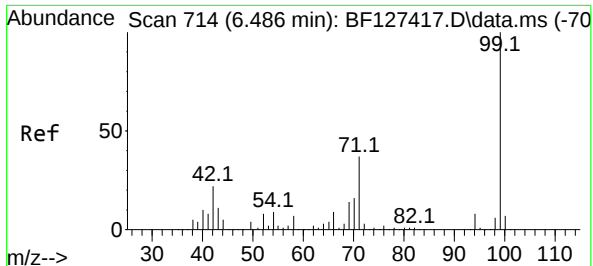
Tgt Ion:152 Resp: 87097
Ion Ratio Lower Upper
152 100
150 148.6 117.2 175.8
115 63.5 49.8 74.6



#5
2-Fluorophenol
Concen: 127.840 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.024 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

Tgt Ion:112 Resp: 697554
Ion Ratio Lower Upper
112 100
64 72.3 58.4 87.6
63 37.4 30.1 45.1

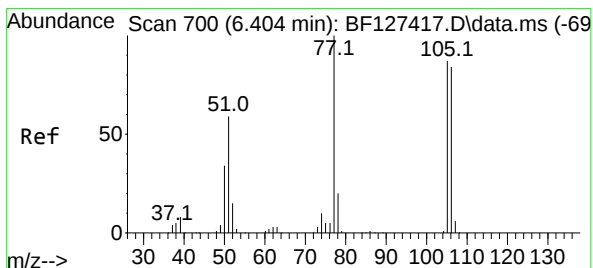
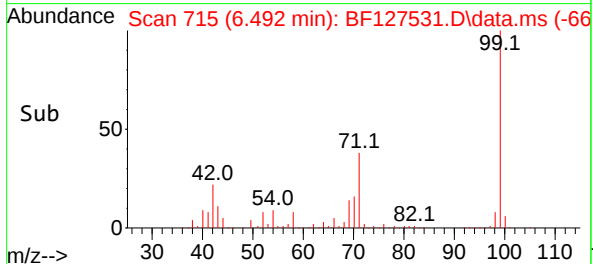
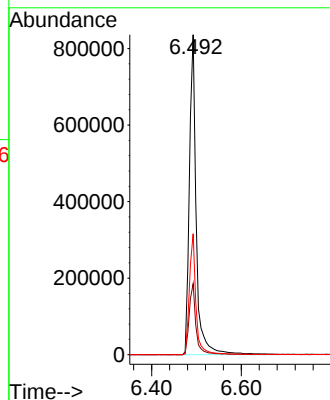
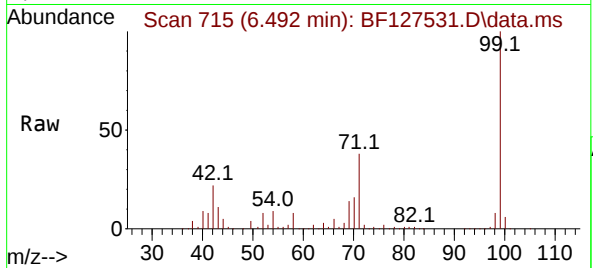




#7
Phenol-d6
Concen: 119.276 ng
RT: 6.492 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

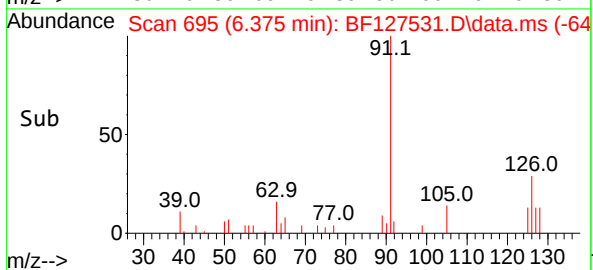
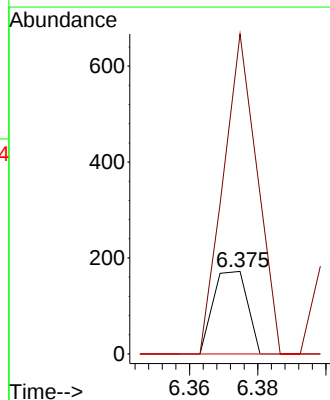
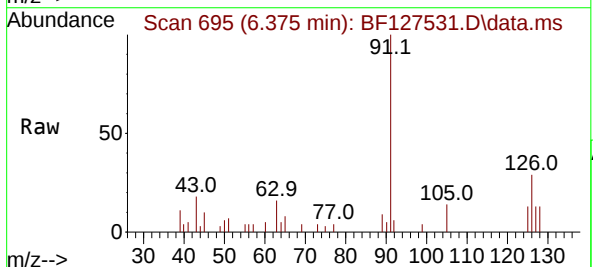
Instrument :
BNA_F
ClientSampleId :
WC-14A-3-1

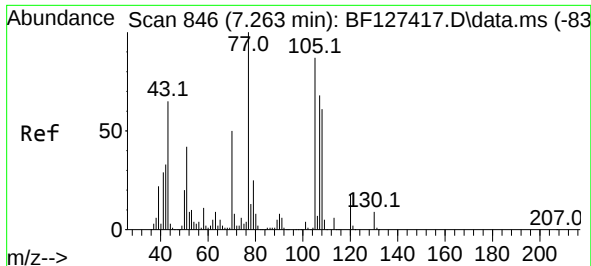
Tgt Ion: 99 Resp: 889626
Ion Ratio Lower Upper
99 100
42 22.2 17.8 26.6
71 37.8 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.375 min Scan# 695
Delta R.T. -0.029 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

Tgt Ion: 77 Resp: 120
Ion Ratio Lower Upper
77 100
105 387.8 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 21.145 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127531.D

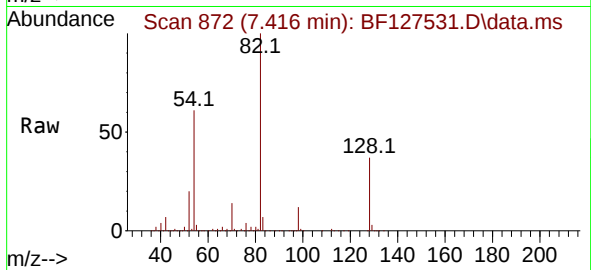
Acq: 25 Mar 2022 17:47

Instrument :

BNA_F

ClientSampleId :

WC-14A-3-1



Tgt Ion: 70 Resp: 94535

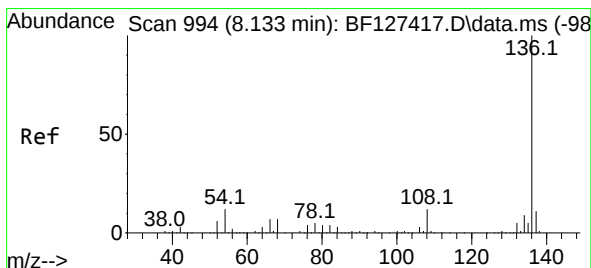
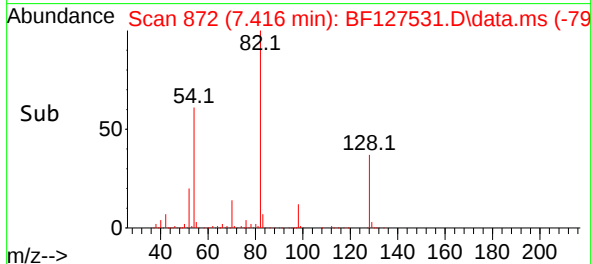
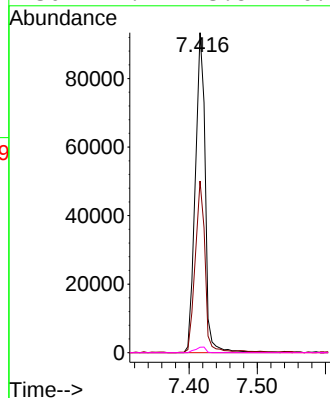
Ion Ratio Lower Upper

70 100

42 53.6 53.0 79.6

101 0.0 6.8 10.2#

130 1.7 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: BF127531.D

Acq: 25 Mar 2022 17:47

Tgt Ion: 136 Resp: 317344

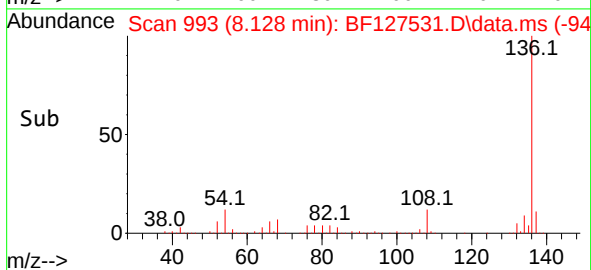
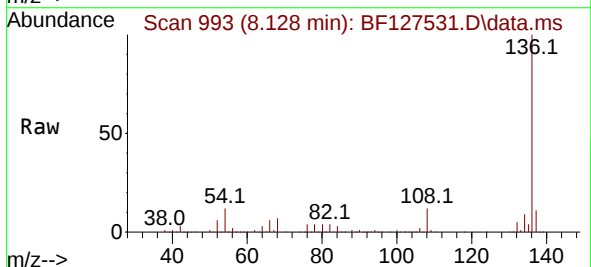
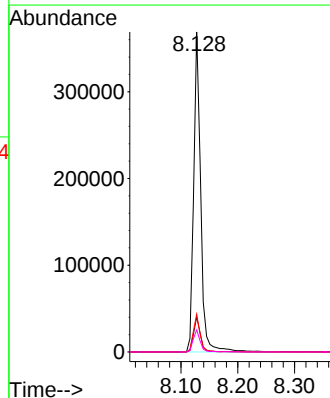
Ion Ratio Lower Upper

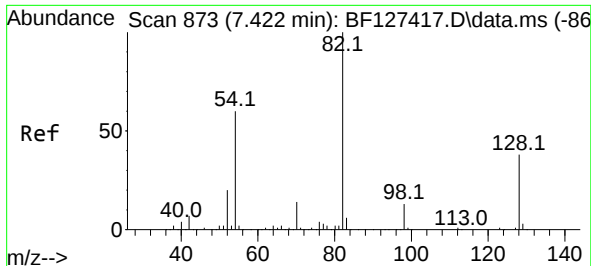
136 100

137 10.9 8.6 13.0

54 11.8 9.2 13.8

68 6.9 5.4 8.0





#23

Nitrobenzene-d5

Concen: 93.250 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127531.D

Acq: 25 Mar 2022 17:47

Instrument :

BNA_F

ClientSampleId :

WC-14A-3-1

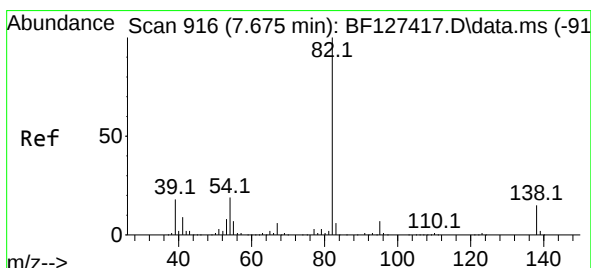
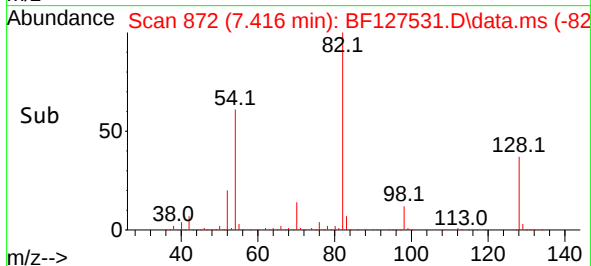
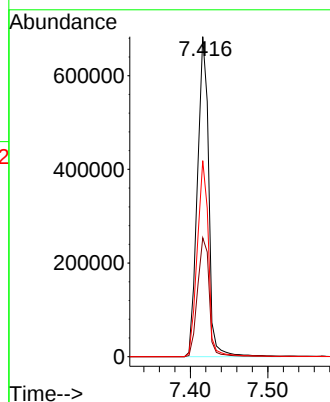
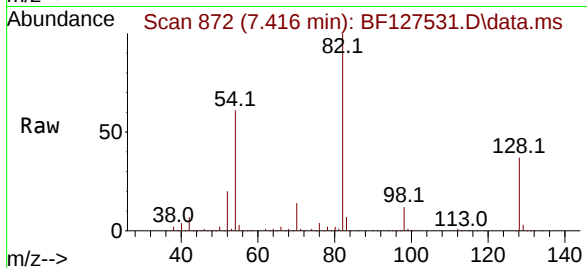
Tgt Ion: 82 Resp: 692288

Ion Ratio Lower Upper

82 100

128 37.2 30.6 45.8

54 61.3 48.2 72.2



#25

Isophorone

Concen: 58.548 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127531.D

Acq: 25 Mar 2022 17:47

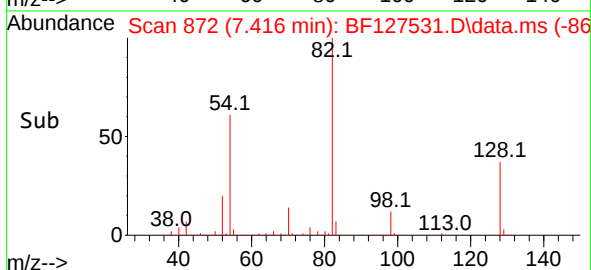
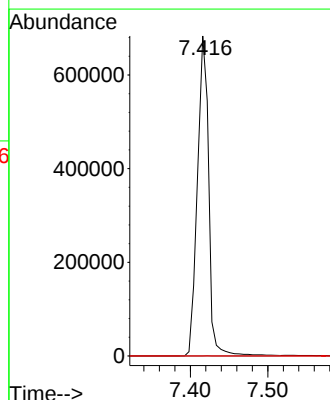
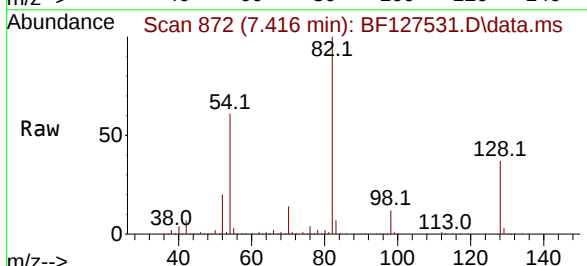
Tgt Ion: 82 Resp: 692288

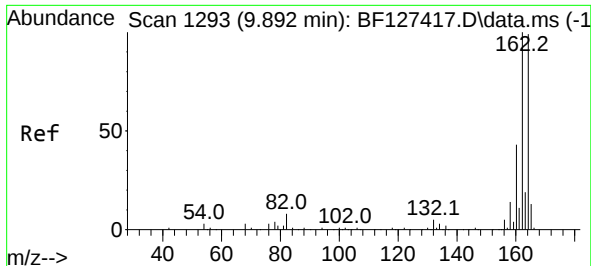
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

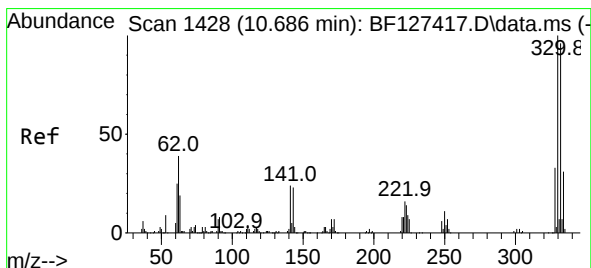
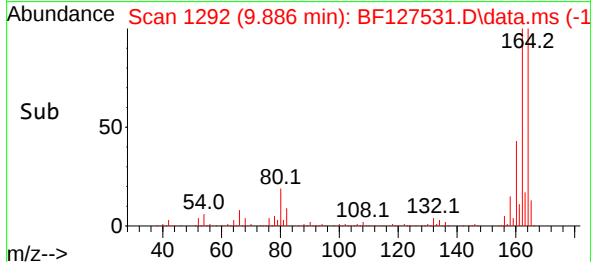
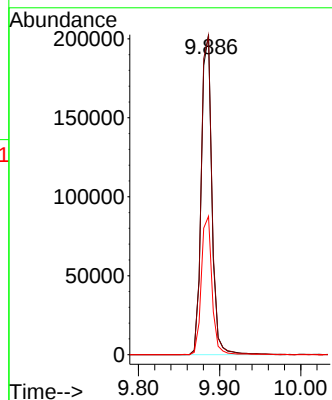
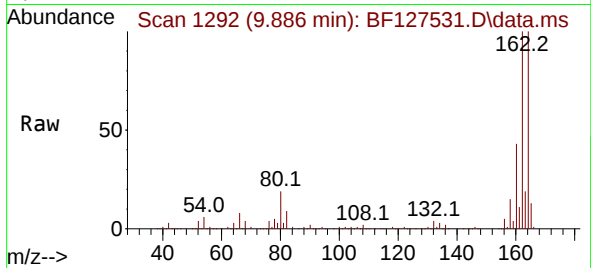




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

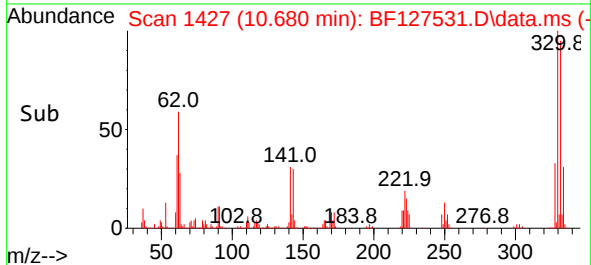
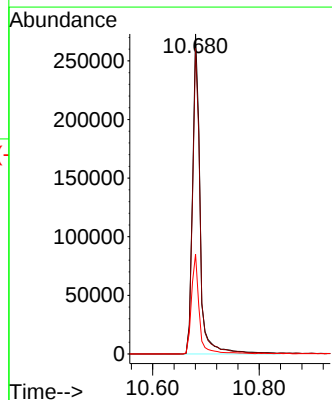
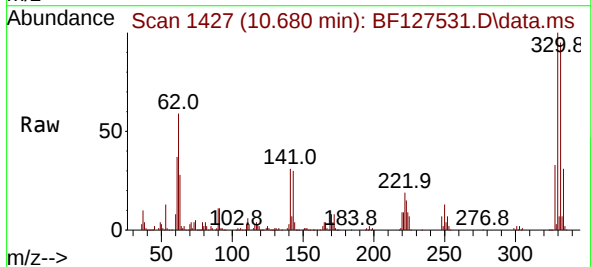
Instrument :
BNA_F
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WC-14A-3-1

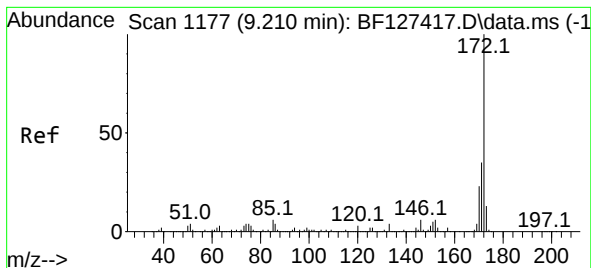
Tgt Ion:164 Resp: 183881
Ion Ratio Lower Upper
164 100
162 99.7 81.2 121.8
160 43.3 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 137.591 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

Tgt Ion:330 Resp: 269513
Ion Ratio Lower Upper
330 100
332 95.0 79.1 118.7
141 32.2 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 91.729 ng

RT: 9.204 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF127531.D

Acq: 25 Mar 2022 17:47

Instrument :

BNA_F

ClientSampleId :

WC-14A-3-1

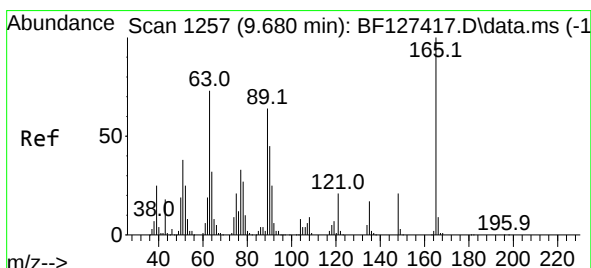
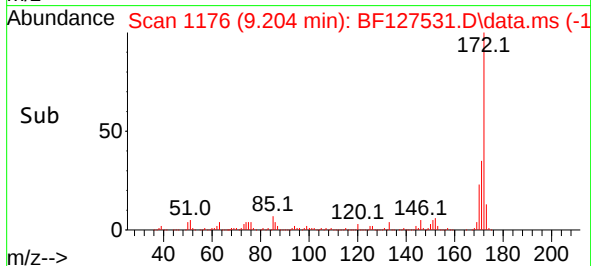
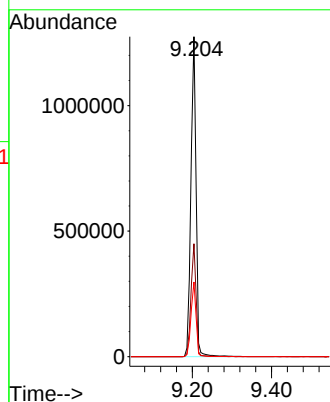
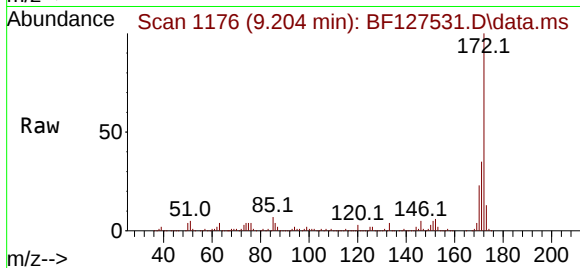
Tgt Ion:172 Resp: 1155100

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.886 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF127531.D

Acq: 25 Mar 2022 17:47

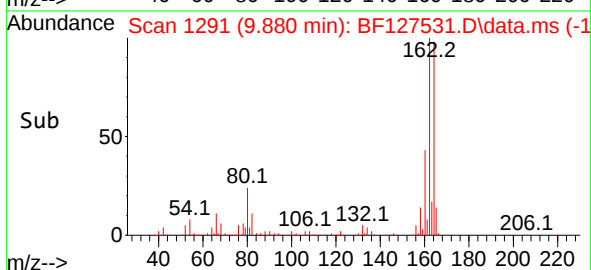
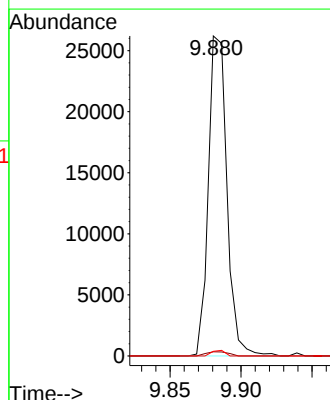
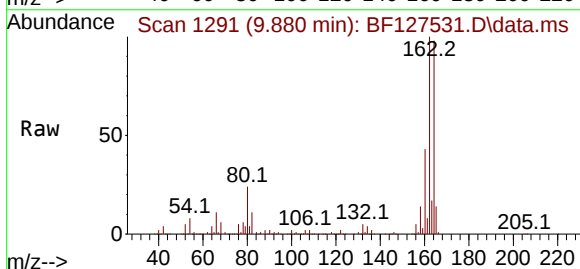
Tgt Ion:165 Resp: 23862

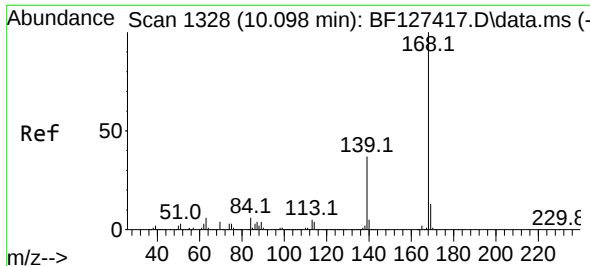
Ion Ratio Lower Upper

165 100

63 1.3 58.3 87.5#

89 1.5 51.5 77.3#

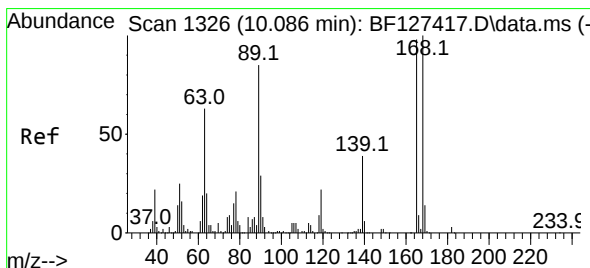
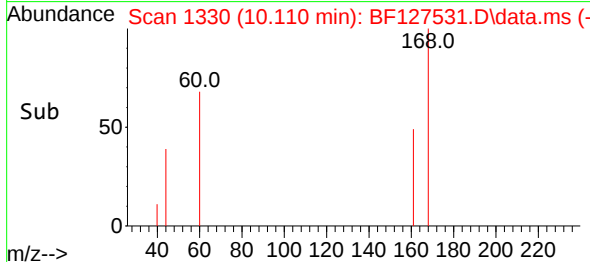
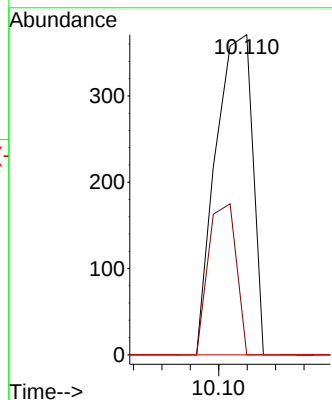
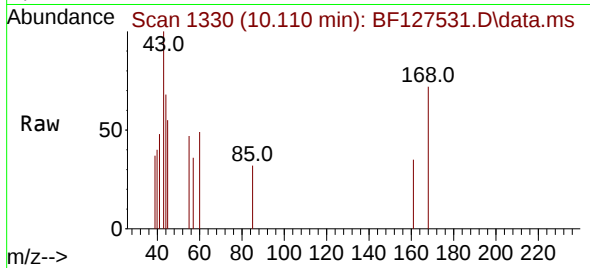




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.110 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

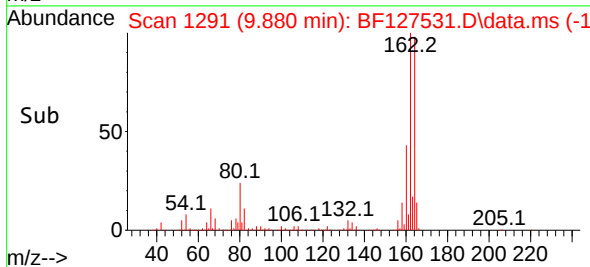
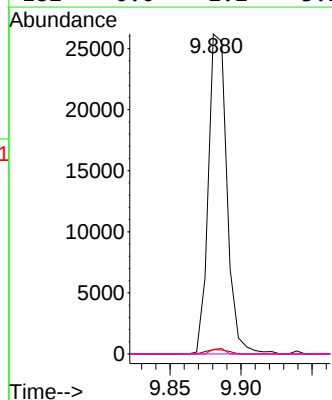
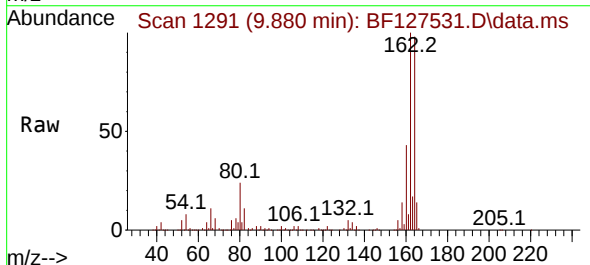
Instrument :
BNA_F
ClientSampleId :
WC-14A-3-1

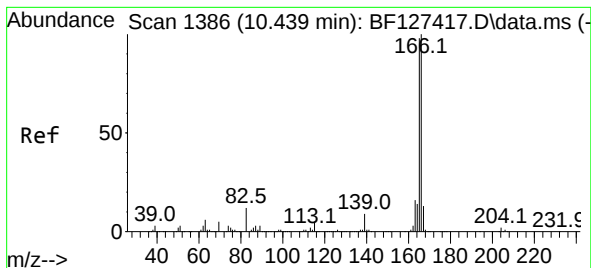
Tgt Ion:168 Resp: 334
Ion Ratio Lower Upper
168 100
139 0.0 30.3 45.5#
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.904 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.206 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

Tgt Ion:165 Resp: 23862
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.5 69.2 103.8#
182 0.0 2.2 3.2#





#58

Fluorene

Concen: Below Cal

RT: 10.439 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127531.D

Acq: 25 Mar 2022 17:47

Instrument :

BNA_F

ClientSampleId :

WC-14A-3-1

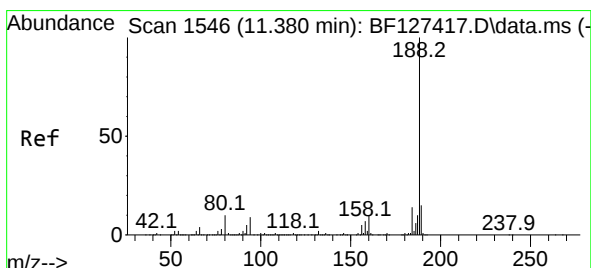
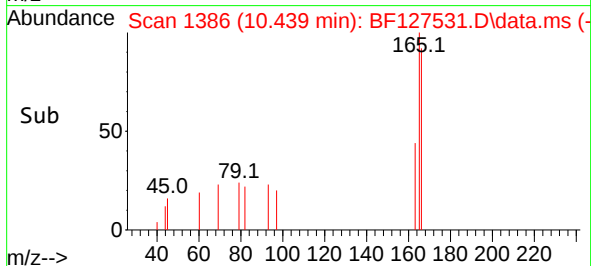
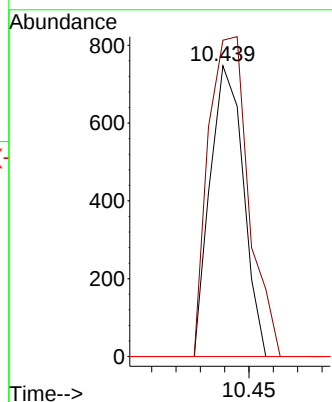
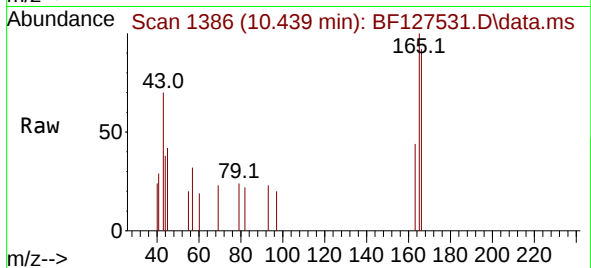
Tgt Ion:166 Resp: 710

Ion Ratio Lower Upper

166 100

165 108.8 78.1 117.1

167 0.0 10.5 15.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1545

Delta R.T. -0.006 min

Lab File: BF127531.D

Acq: 25 Mar 2022 17:47

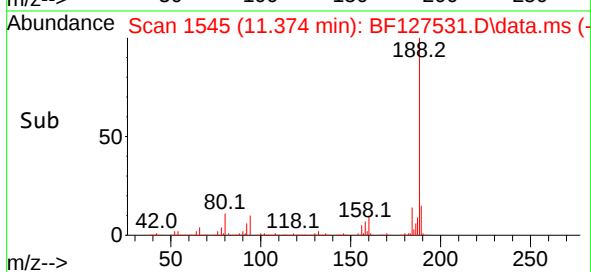
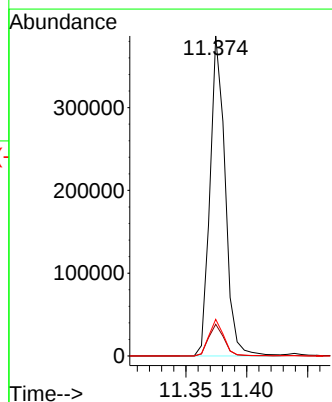
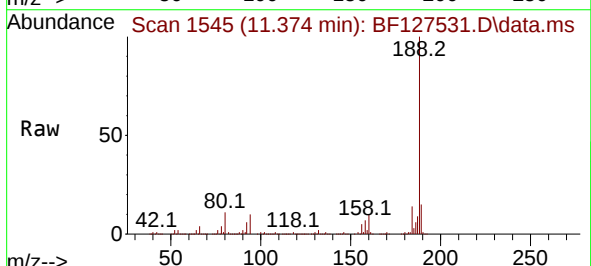
Tgt Ion:188 Resp: 334375

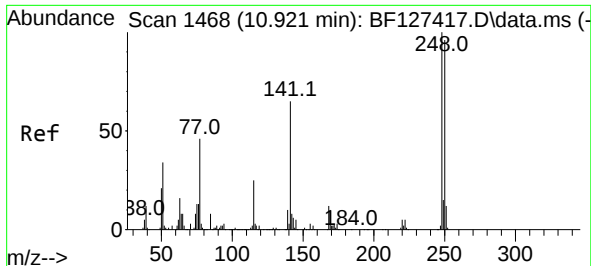
Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.0

80 11.5 8.0 12.0

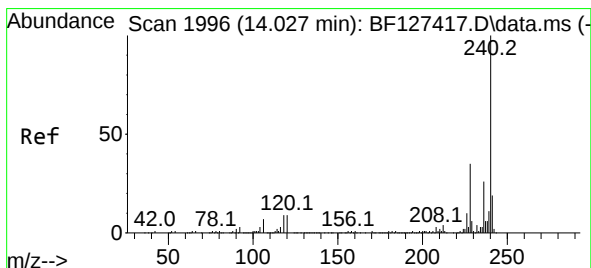
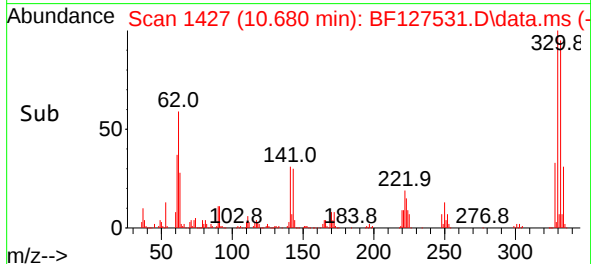
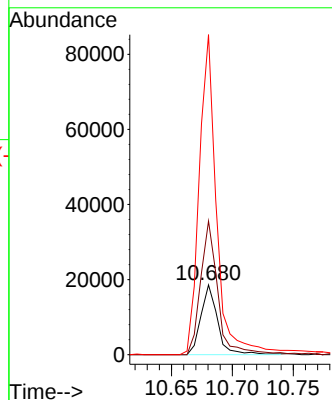
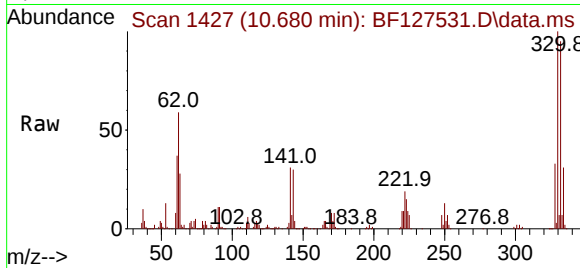




#67
4-Bromophenyl-phenylether
Concen: 4.573 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

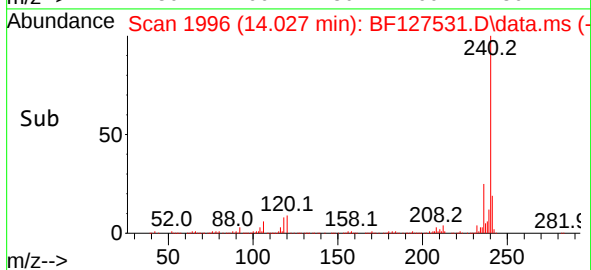
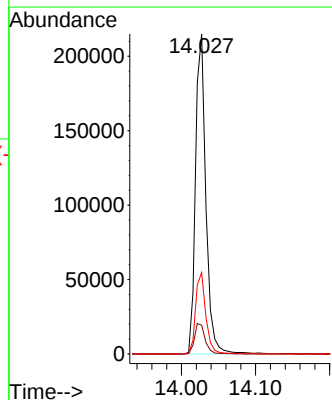
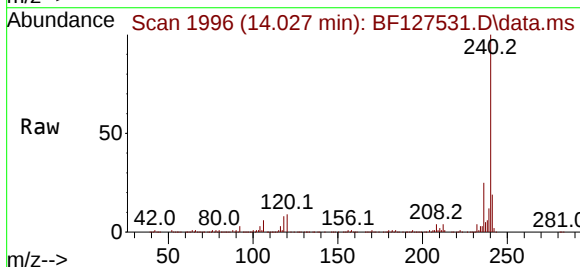
Instrument :
BNA_F
ClientSampleId :
WC-14A-3-1

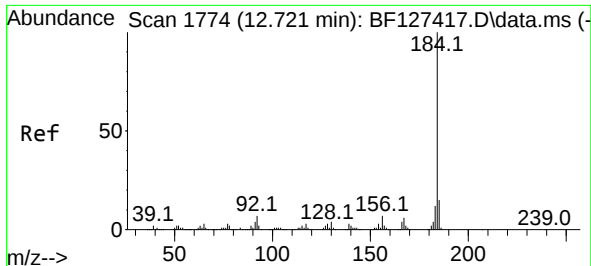
Tgt Ion:248 Resp: 17852
Ion Ratio Lower Upper
248 100
250 191.4 76.6 115.0#
141 458.6 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

Tgt Ion:240 Resp: 208750
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 25.4 20.7 31.1

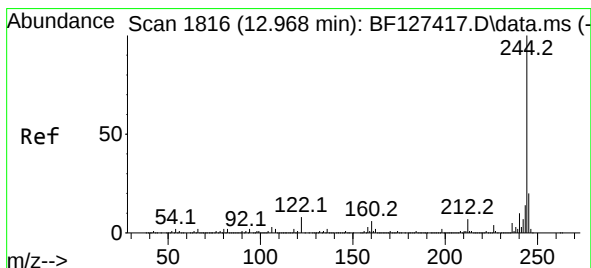
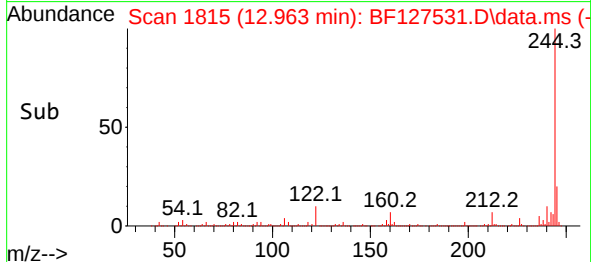
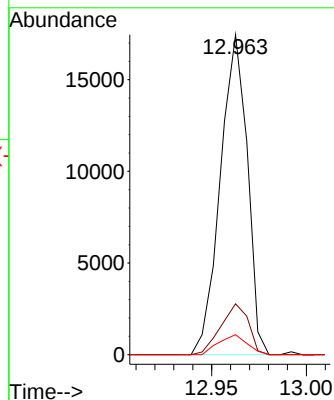
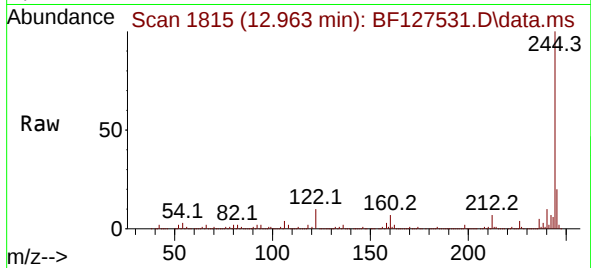




#77
Benzidine
Concen: 3.479 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

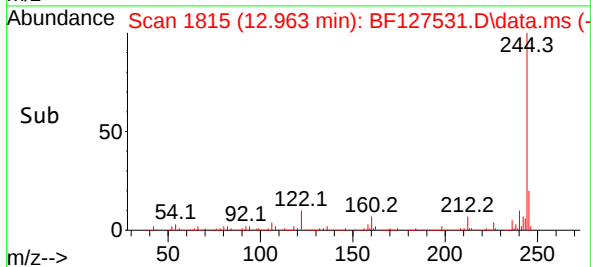
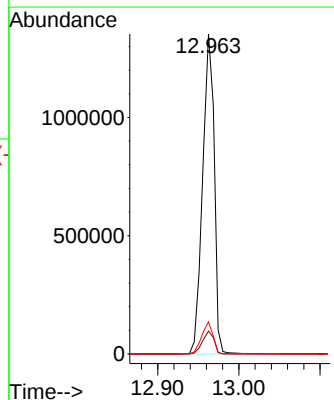
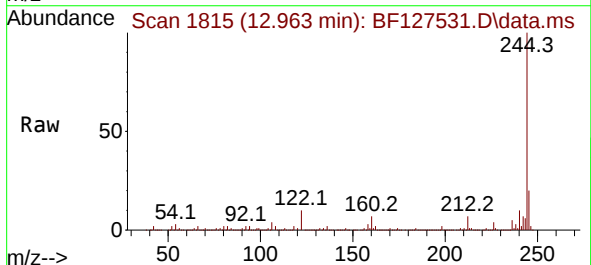
Instrument :
BNA_F
ClientSampleId :
WC-14A-3-1

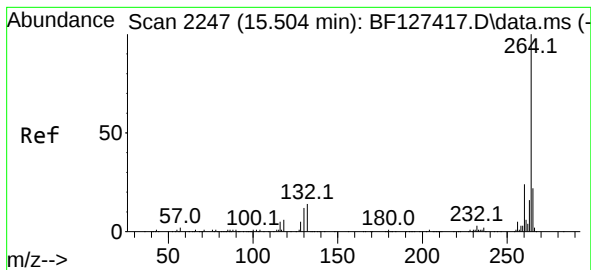
Tgt Ion:184 Resp: 17314
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.2
183 6.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 105.520 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127531.D
Acq: 25 Mar 2022 17:47

Tgt Ion:244 Resp: 1345571
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.0 6.2 9.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127531.D

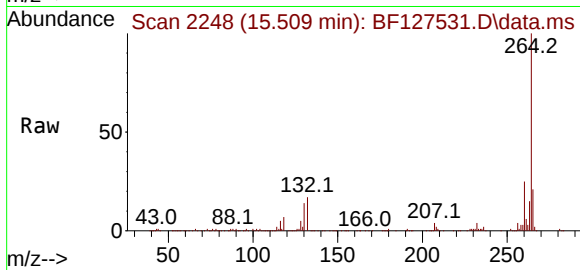
Acq: 25 Mar 2022 17:47

Instrument :

BNA_F

ClientSampleId :

WC-14A-3-1



Tgt Ion:264 Resp: 172464

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 21.2 17.4 26.2

