

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127503.D
 Acq On : 24 Mar 2022 15:26
 Operator : CG\JU
 Sample : N2062-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Mar 24 17:15:43 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)

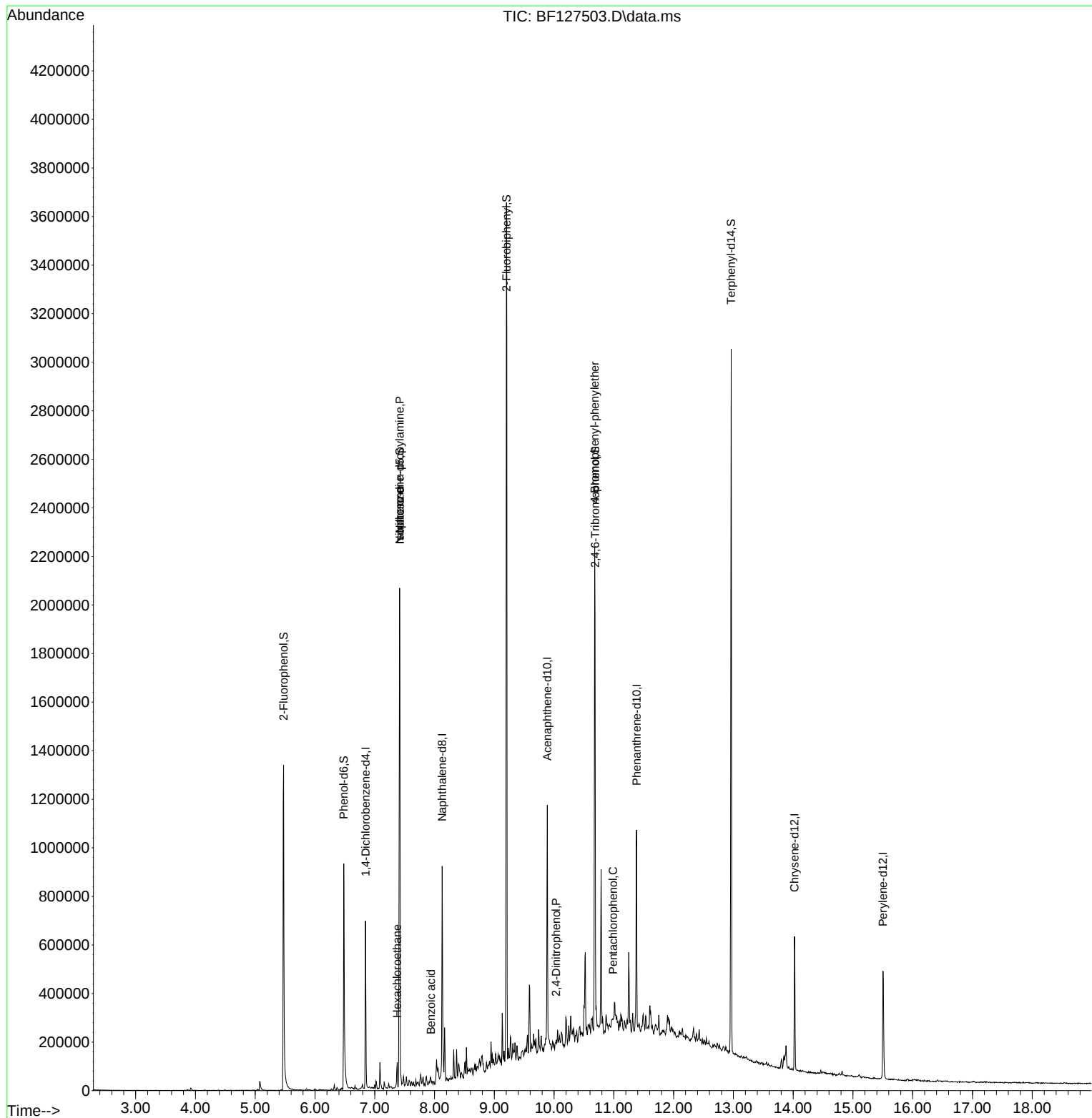
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	91205	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	330755	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	179958	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	294981	20.000	ng	0.00
76) Chrysene-d12	14.021	240	196657	20.000	ng	0.00
86) Perylene-d12	15.504	264	199164	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	370666	64.872	ng	0.00
7) Phenol-d6	6.481	99	312227	39.976	ng	0.00
23) Nitrobenzene-d5	7.416	82	712215	92.044	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	251683	131.289	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1154412	93.672	ng	0.00
79) Terphenyl-d14	12.963	244	971365	80.859	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	630	Below Cal	#	7
18) Hexachloroethane	7.375	117	22026	9.108	ng	# 1
19) n-Nitroso-di-n-propyla...	7.416	70	96956	20.710	ng	# 80
25) Isophorone	7.416	82	712215	57.791	ng	# 70
32) Benzoic acid	7.939	122	61	6.062	ng	# 1
54) 2,4-Dinitrophenol	10.033	184	405	8.973	ng	# 11
55) Dibenzofuran	10.092	168	7343	Below Cal	#	88
58) Fluorene	10.433	166	11759	Below Cal	#	98
67) 4-Bromophenyl-phenylether	10.680	248	17069	4.956	ng	# 1
70) Pentachlorophenol	10.986	266	53	6.775	ng	# 20

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

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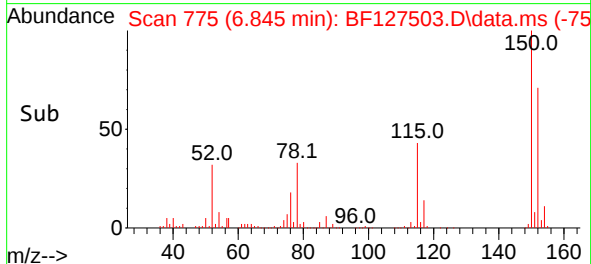
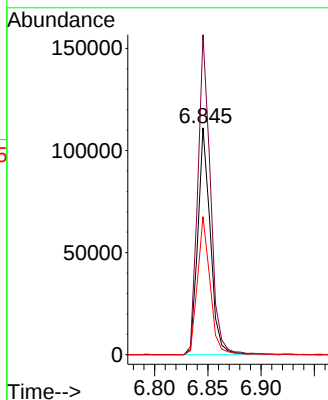
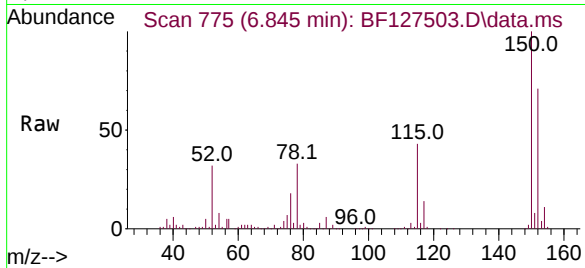




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127503.D
 Acq: 24 Mar 2022 15:26

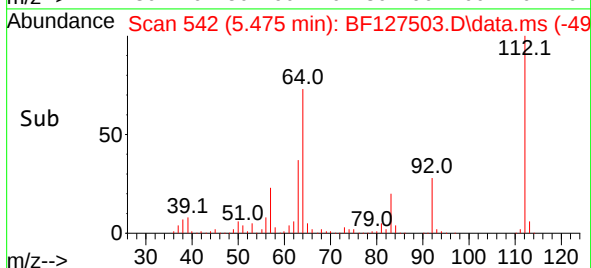
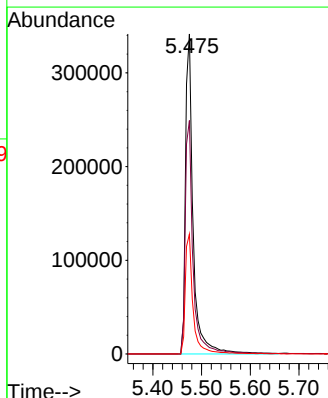
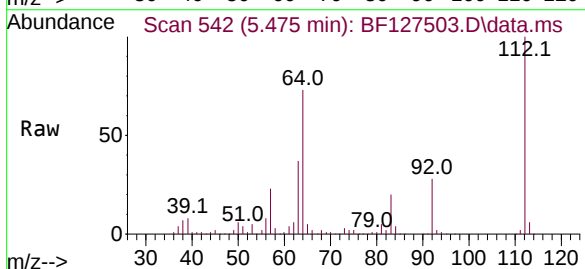
Instrument :
 BNA_F
 ClientSampleId :
 MW-5

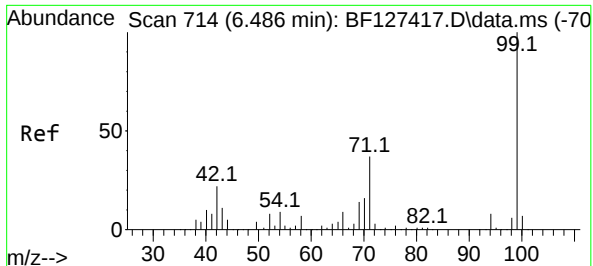
Tgt Ion:152 Resp: 91205
 Ion Ratio Lower Upper
 152 100
 150 141.0 117.2 175.8
 115 60.9 49.8 74.6



#5
 2-Fluorophenol
 Concen: 64.872 ng
 RT: 5.475 min Scan# 542
 Delta R.T. 0.006 min
 Lab File: BF127503.D
 Acq: 24 Mar 2022 15:26

Tgt Ion:112 Resp: 370666
 Ion Ratio Lower Upper
 112 100
 64 72.9 58.4 87.6
 63 37.4 30.1 45.1





#7

Phenol-d6

Concen: 39.976 ng

RT: 6.481 min Scan# 713

Delta R.T. -0.006 min

Lab File: BF127503.D

Acq: 24 Mar 2022 15:26

Instrument :

BNA_F

ClientSampleId :

MW-5

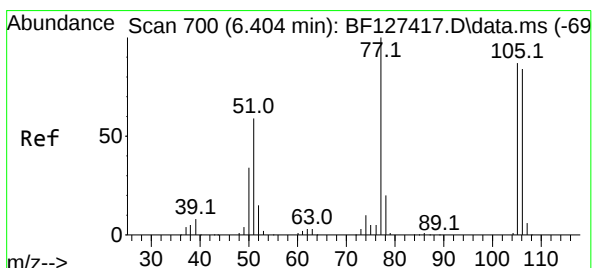
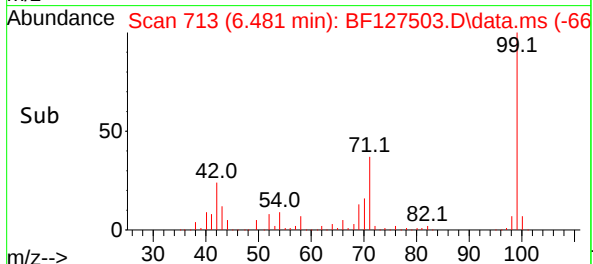
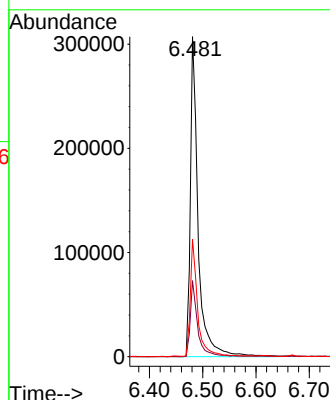
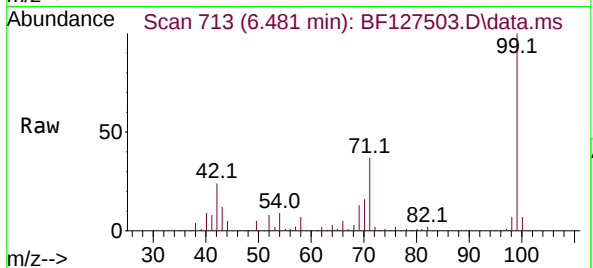
Tgt Ion: 99 Resp: 312227

Ion Ratio Lower Upper

99 100

42 23.8 17.8 26.6

71 36.6 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.481 min Scan# 713

Delta R.T. 0.077 min

Lab File: BF127503.D

Acq: 24 Mar 2022 15:26

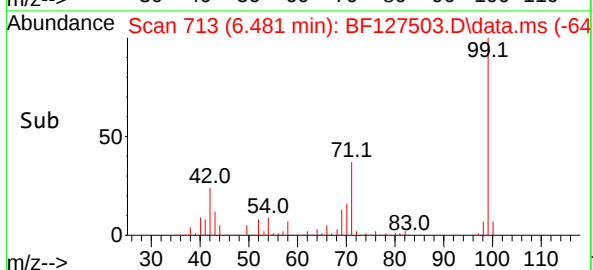
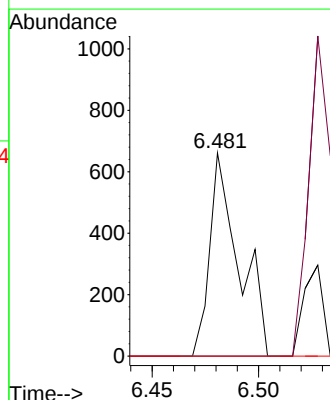
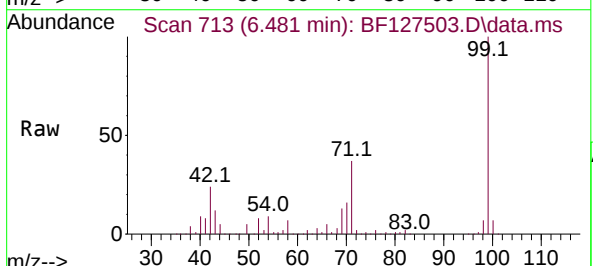
Tgt Ion: 77 Resp: 630

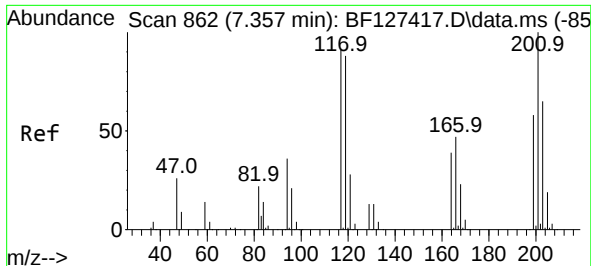
Ion Ratio Lower Upper

77 100

105 0.0 66.8 106.8#

106 0.0 64.3 104.3#

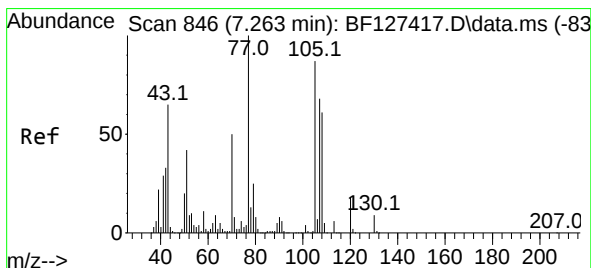
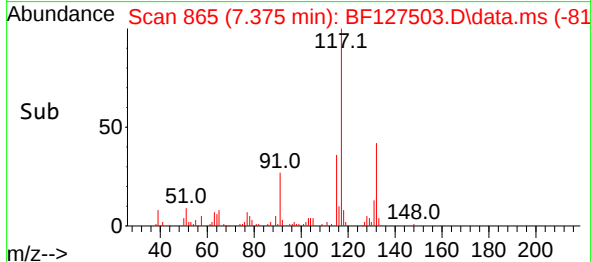
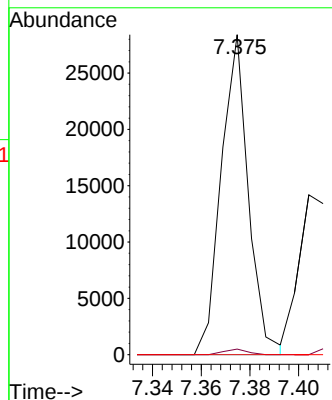
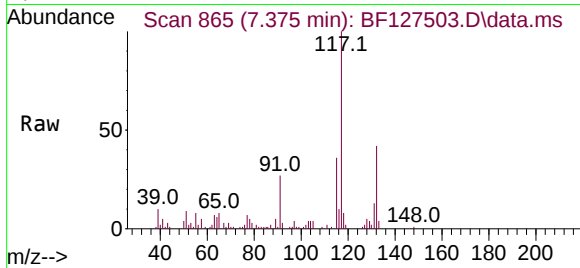




#18
Hexachloroethane
Concen: 9.108 ng
RT: 7.375 min Scan# 80
Delta R.T. 0.018 min
Lab File: BF127503.D
Acq: 24 Mar 2022 15:26

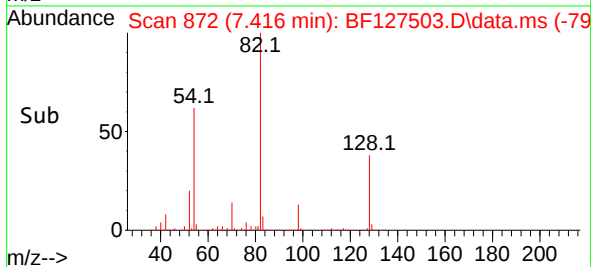
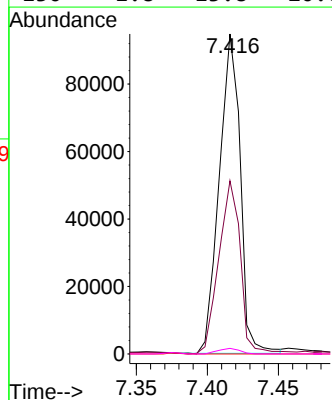
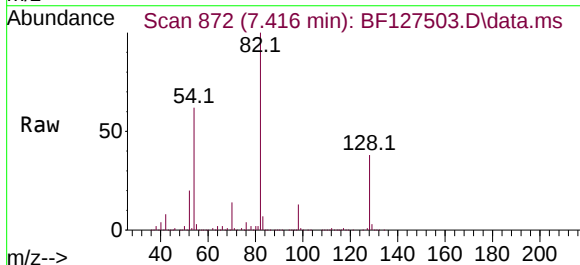
Instrument :
BNA_F
ClientSampleId :
MW-5

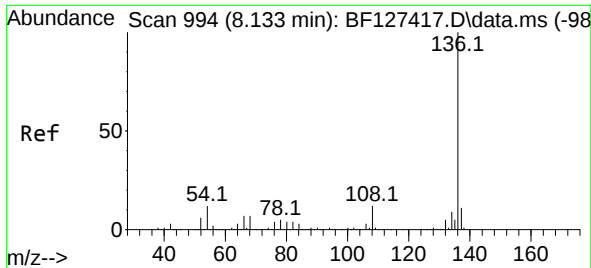
Tgt Ion:117 Resp: 22026
Ion Ratio Lower Upper
117 100
119 1.8 77.6 116.4#
201 0.0 88.2 132.2#



#19
n-Nitroso-di-n-propylamine
Concen: 20.710 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.153 min
Lab File: BF127503.D
Acq: 24 Mar 2022 15:26

Tgt Ion: 70 Resp: 96956
Ion Ratio Lower Upper
70 100
42 54.1 53.0 79.6
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#

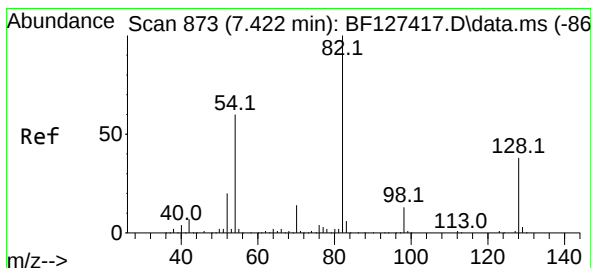
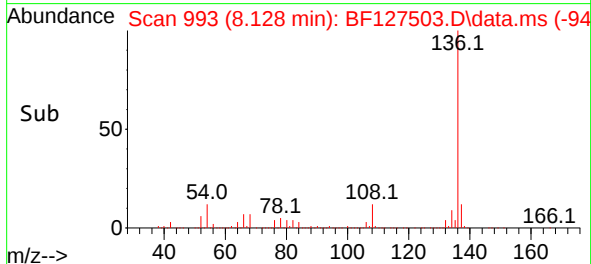
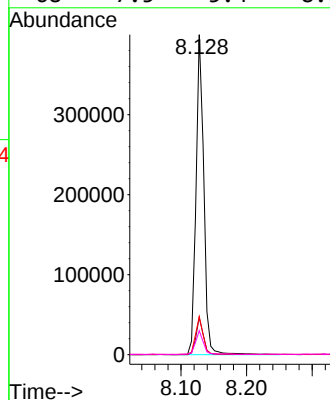
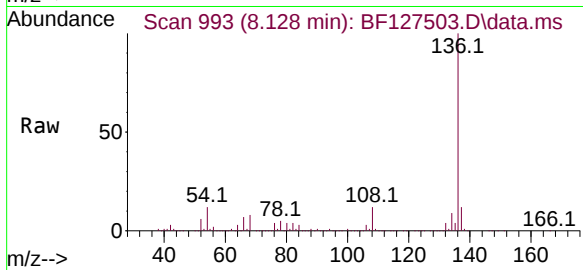




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF127503.D
Acq: 24 Mar 2022 15:26

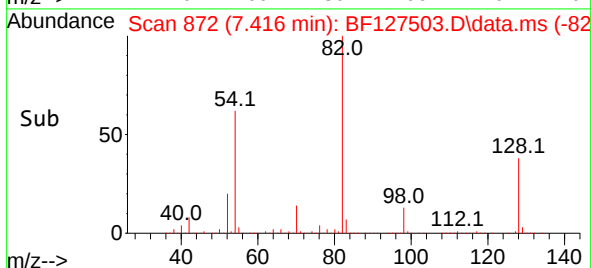
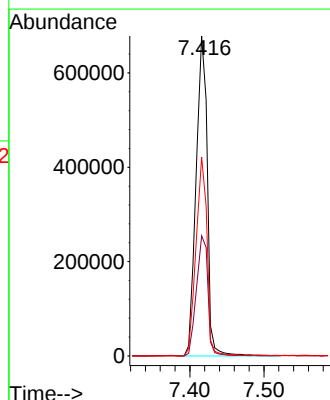
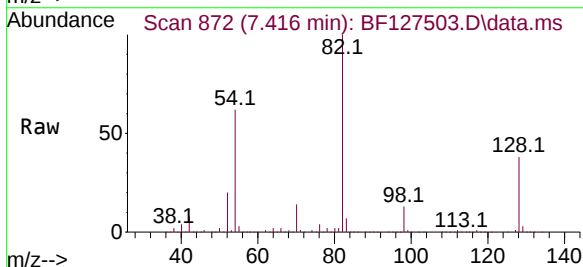
Instrument :
BNA_F
ClientSampleId :
MW-5

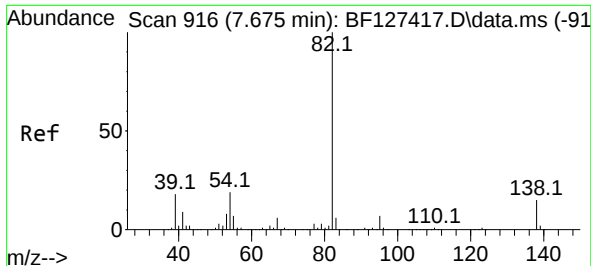
Tgt Ion:136 Resp: 330755
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 12.0 9.2 13.8
68 7.5 5.4 8.0



#23
Nitrobenzene-d5
Concen: 92.044 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF127503.D
Acq: 24 Mar 2022 15:26

Tgt Ion: 82 Resp: 712215
Ion Ratio Lower Upper
82 100
128 37.5 30.6 45.8
54 62.2 48.2 72.2

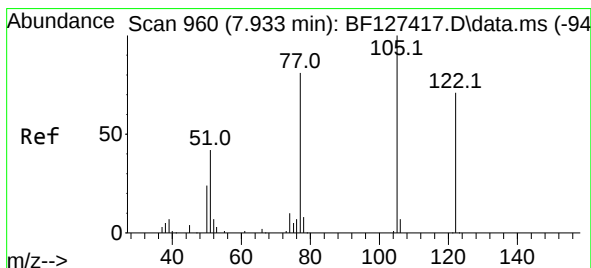
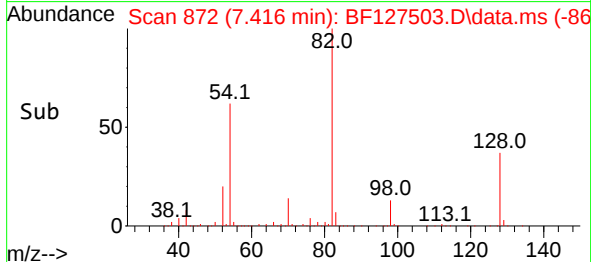
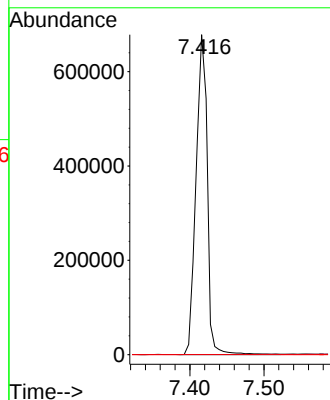
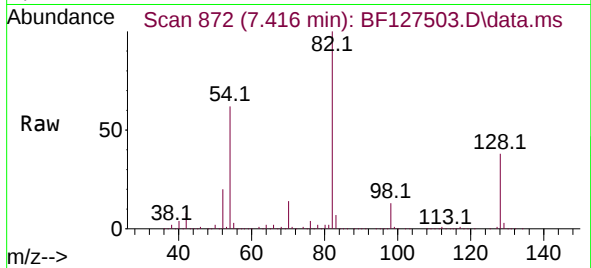




#25
Isophorone
Concen: 57.791 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127503.D
Acq: 24 Mar 2022 15:26

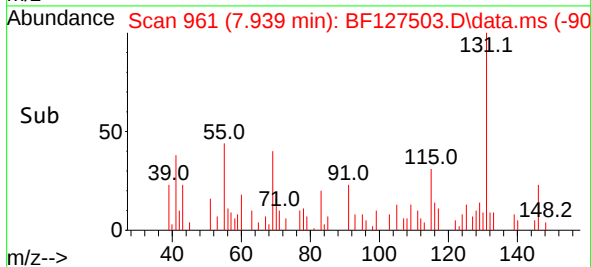
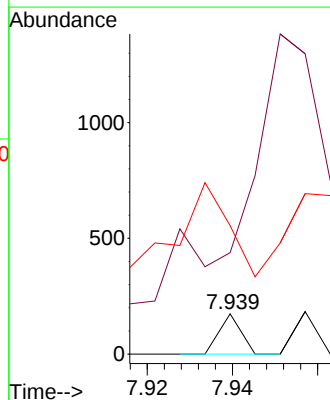
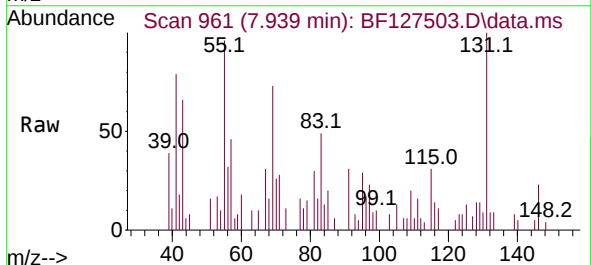
Instrument :
BNA_F
ClientSampleId :
MW-5

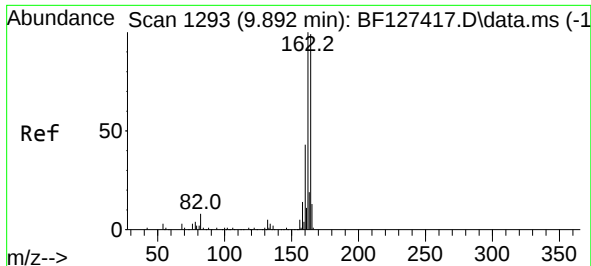
Tgt Ion: 82 Resp: 712215
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#32
Benzoic acid
Concen: 6.062 ng
RT: 7.939 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF127503.D
Acq: 24 Mar 2022 15:26

Tgt Ion:122 Resp: 61
Ion Ratio Lower Upper
122 100
105 251.7 117.1 157.1#
77 319.0 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: BF127503.D

Acq: 24 Mar 2022 15:26

Instrument :

BNA_F

ClientSampleId :

MW-5

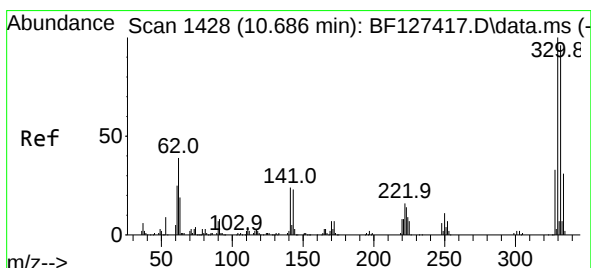
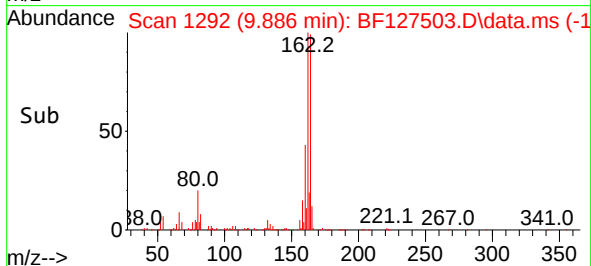
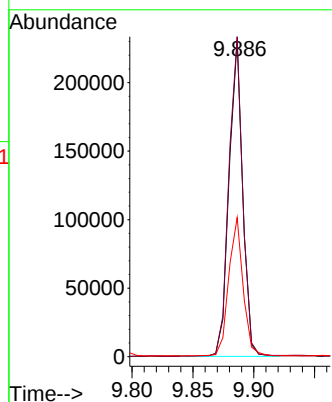
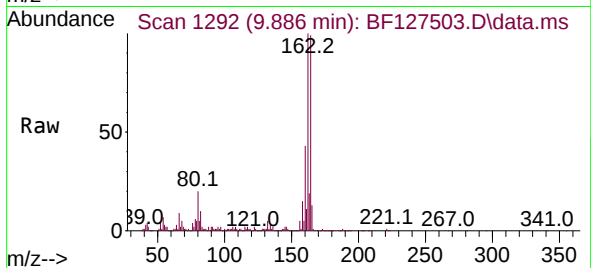
Tgt Ion:164 Resp: 179958

Ion Ratio Lower Upper

164 100

162 101.1 81.2 121.8

160 43.9 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 131.289 ng

RT: 10.686 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF127503.D

Acq: 24 Mar 2022 15:26

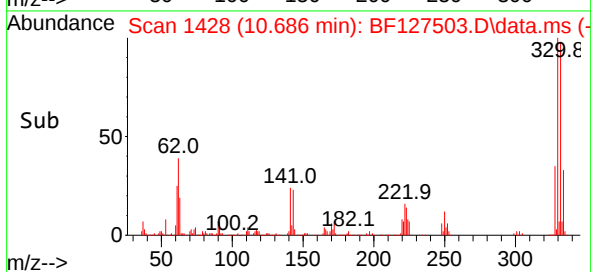
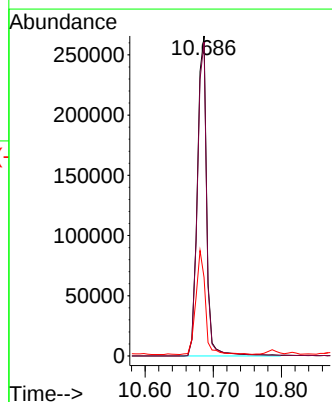
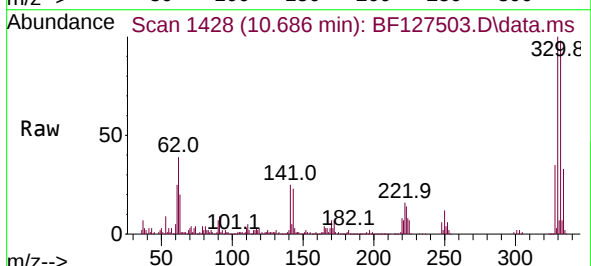
Tgt Ion:330 Resp: 251683

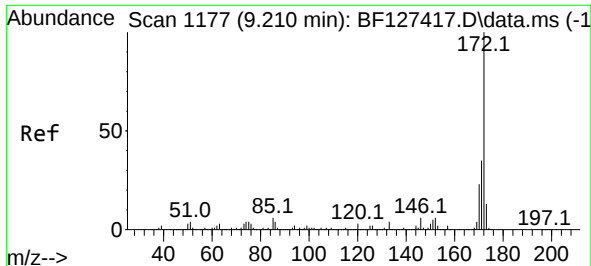
Ion Ratio Lower Upper

330 100

332 98.0 79.1 118.7

141 33.0 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 93.672 ng

RT: 9.204 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF127503.D

Acq: 24 Mar 2022 15:26

Instrument :

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ClientSampleId :

MW-5

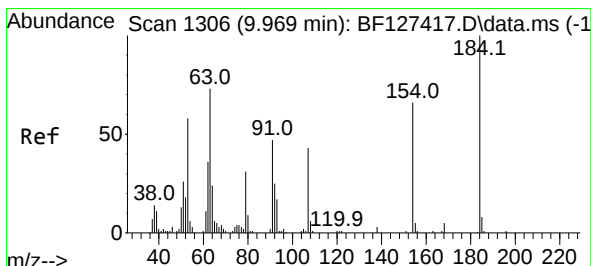
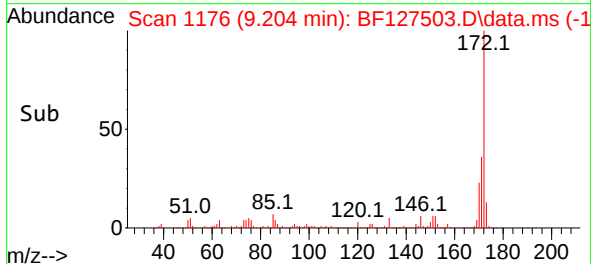
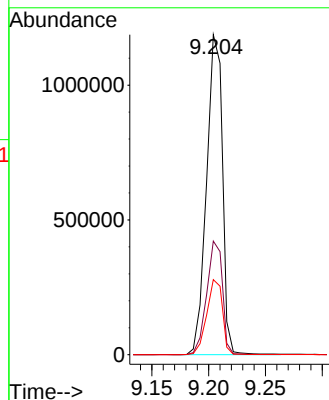
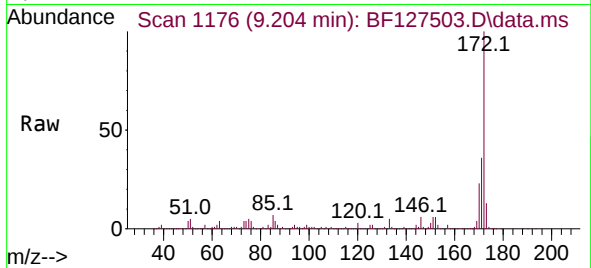
Tgt Ion:172 Resp: 1154412

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.4 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 8.973 ng

RT: 10.033 min Scan# 1317

Delta R.T. 0.064 min

Lab File: BF127503.D

Acq: 24 Mar 2022 15:26

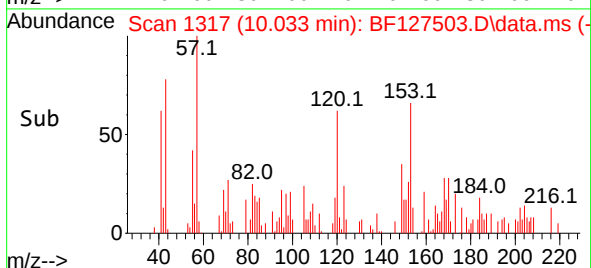
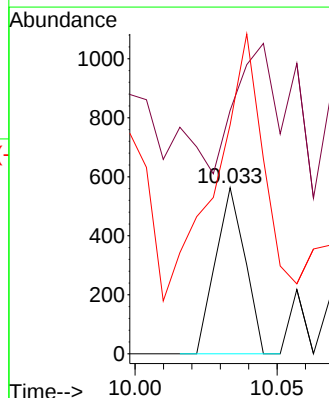
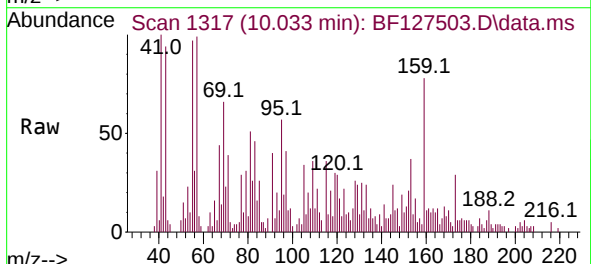
Tgt Ion:184 Resp: 405

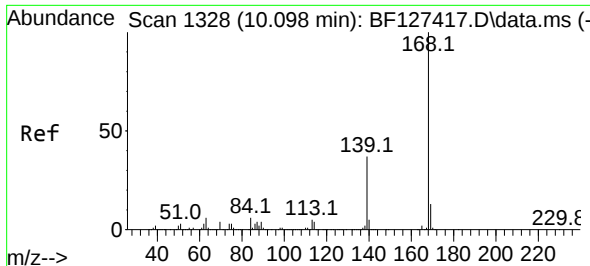
Ion Ratio Lower Upper

184 100

63 146.5 58.1 87.1#

154 137.8 53.2 79.8#

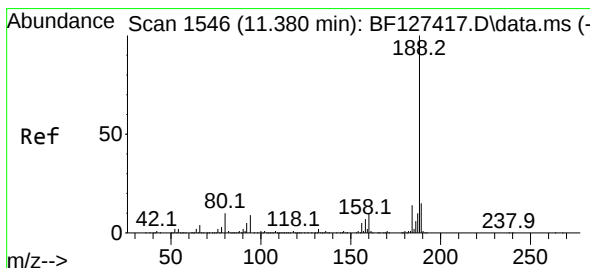
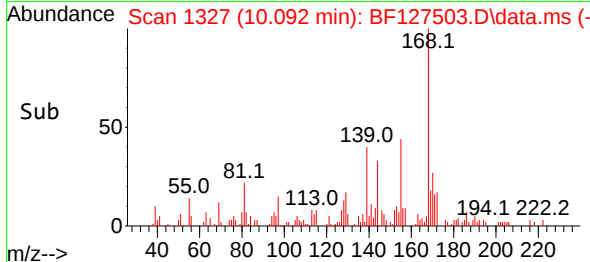
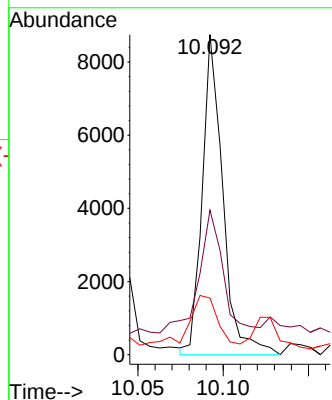
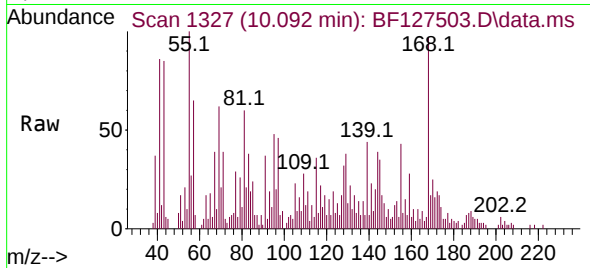




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127503.D
Acq: 24 Mar 2022 15:26

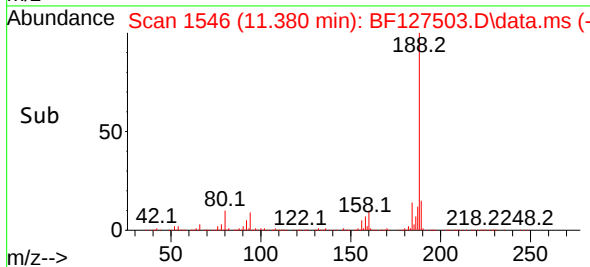
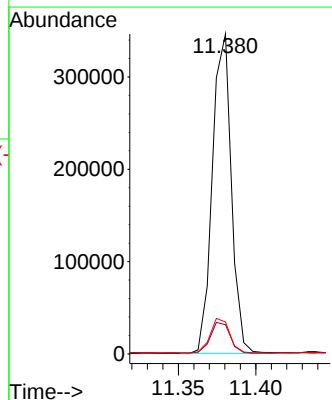
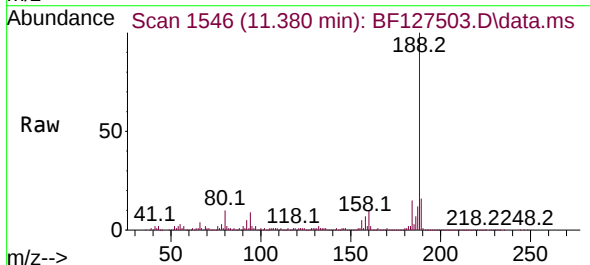
Instrument :
BNA_F
ClientSampleId :
MW-5

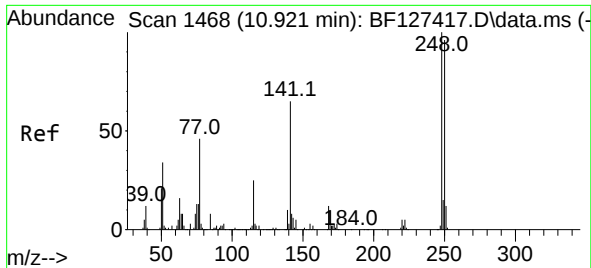
Tgt Ion:168 Resp: 7343
Ion Ratio Lower Upper
168 100
139 45.2 30.3 45.5
169 17.7 10.8 16.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF127503.D
Acq: 24 Mar 2022 15:26

Tgt Ion:188 Resp: 294981
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.0 8.0 12.0

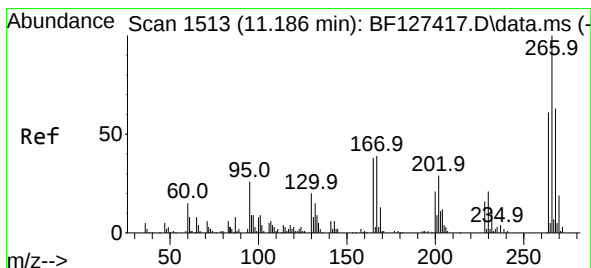
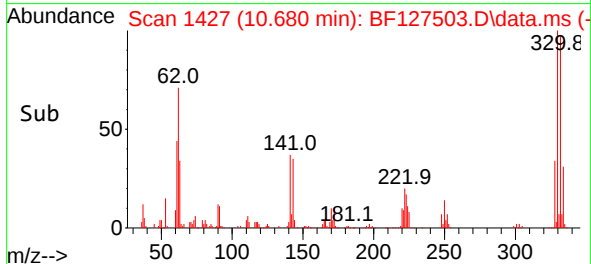
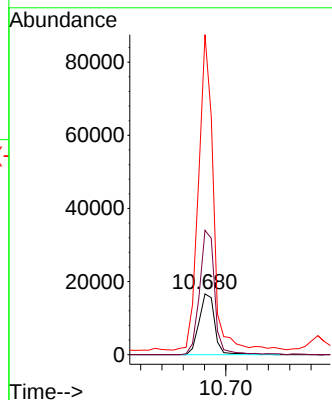
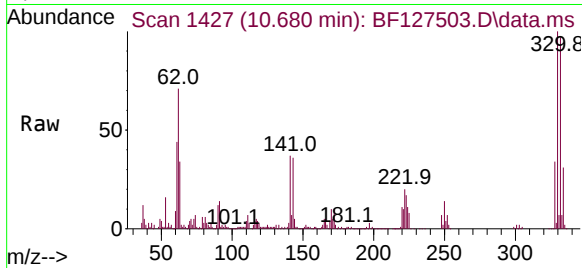




#67
4-Bromophenyl-phenylether
Concen: 4.956 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127503.D
Acq: 24 Mar 2022 15:26

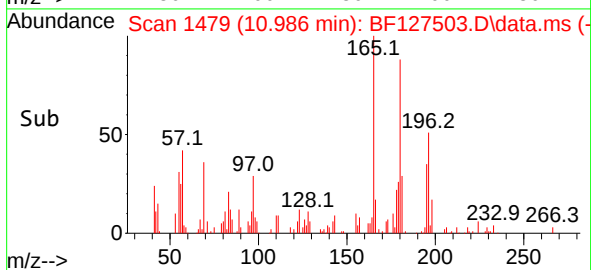
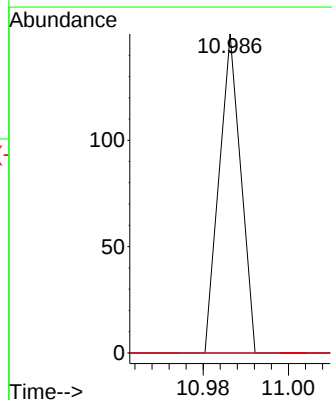
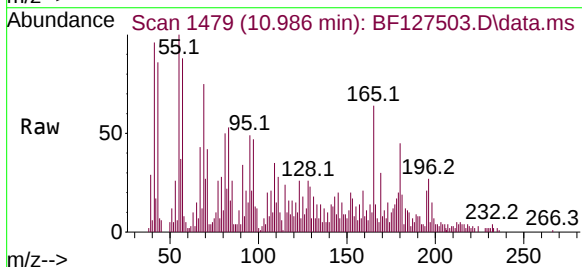
Instrument :
BNA_F
ClientSampleId :
MW-5

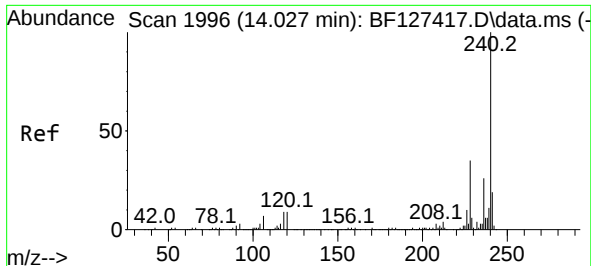
Tgt Ion:248 Resp: 17069
Ion Ratio Lower Upper
248 100
250 204.3 76.6 115.0#
141 526.0 52.2 78.2#



#70
Pentachlorophenol
Concen: 6.775 ng
RT: 10.986 min Scan# 1479
Delta R.T. -0.200 min
Lab File: BF127503.D
Acq: 24 Mar 2022 15:26

Tgt Ion:266 Resp: 53
Ion Ratio Lower Upper
266 100
268 0.0 50.4 75.6#
264 0.0 48.5 72.7#

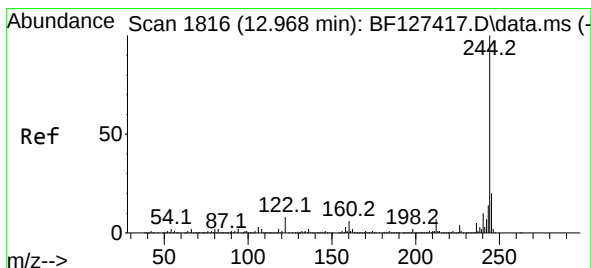
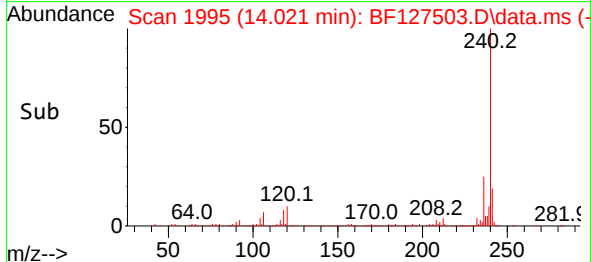
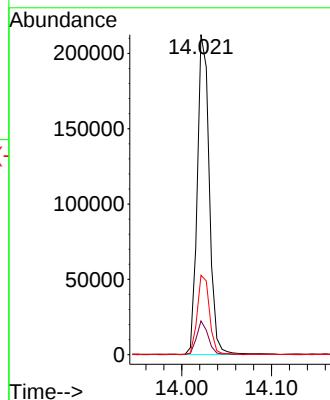
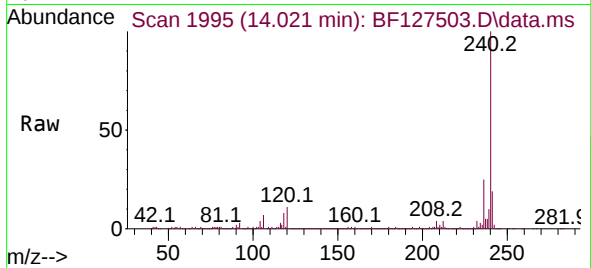




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF127503.D
Acq: 24 Mar 2022 15:26

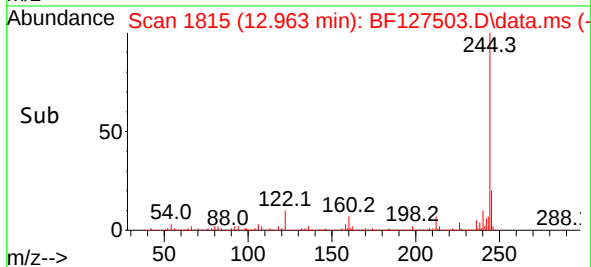
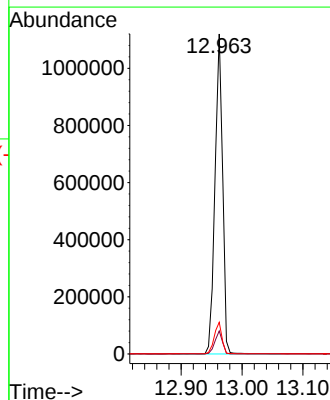
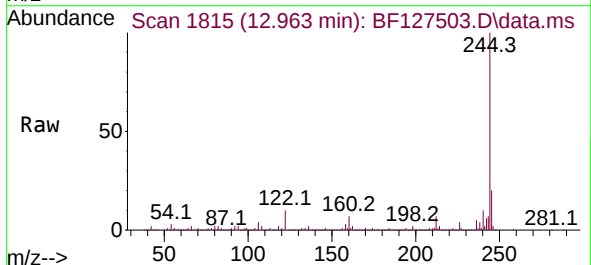
Instrument :
BNA_F
ClientSampleId :
MW-5

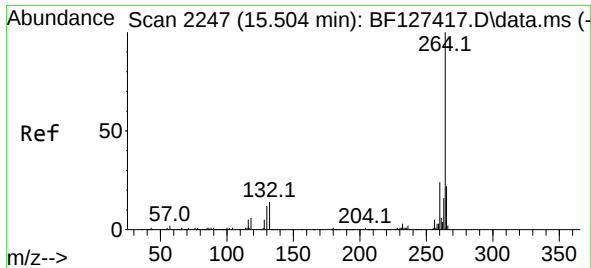
Tgt Ion:240 Resp: 196657
Ion Ratio Lower Upper
240 100
120 10.6 7.1 10.7
236 24.8 20.7 31.1



#79
Terphenyl-d14
Concen: 80.859 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127503.D
Acq: 24 Mar 2022 15:26

Tgt Ion:244 Resp: 971365
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.9 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: BF127503.D
 Acq: 24 Mar 2022 15:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tgt Ion:264 Resp: 199164
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.9 17.4 26.2

