

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032422\
 Data File : BF127501.D
 Acq On : 24 Mar 2022 14:28
 Operator : CG\JU
 Sample : N2062-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Quant Time: Mar 24 15:21:58 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)

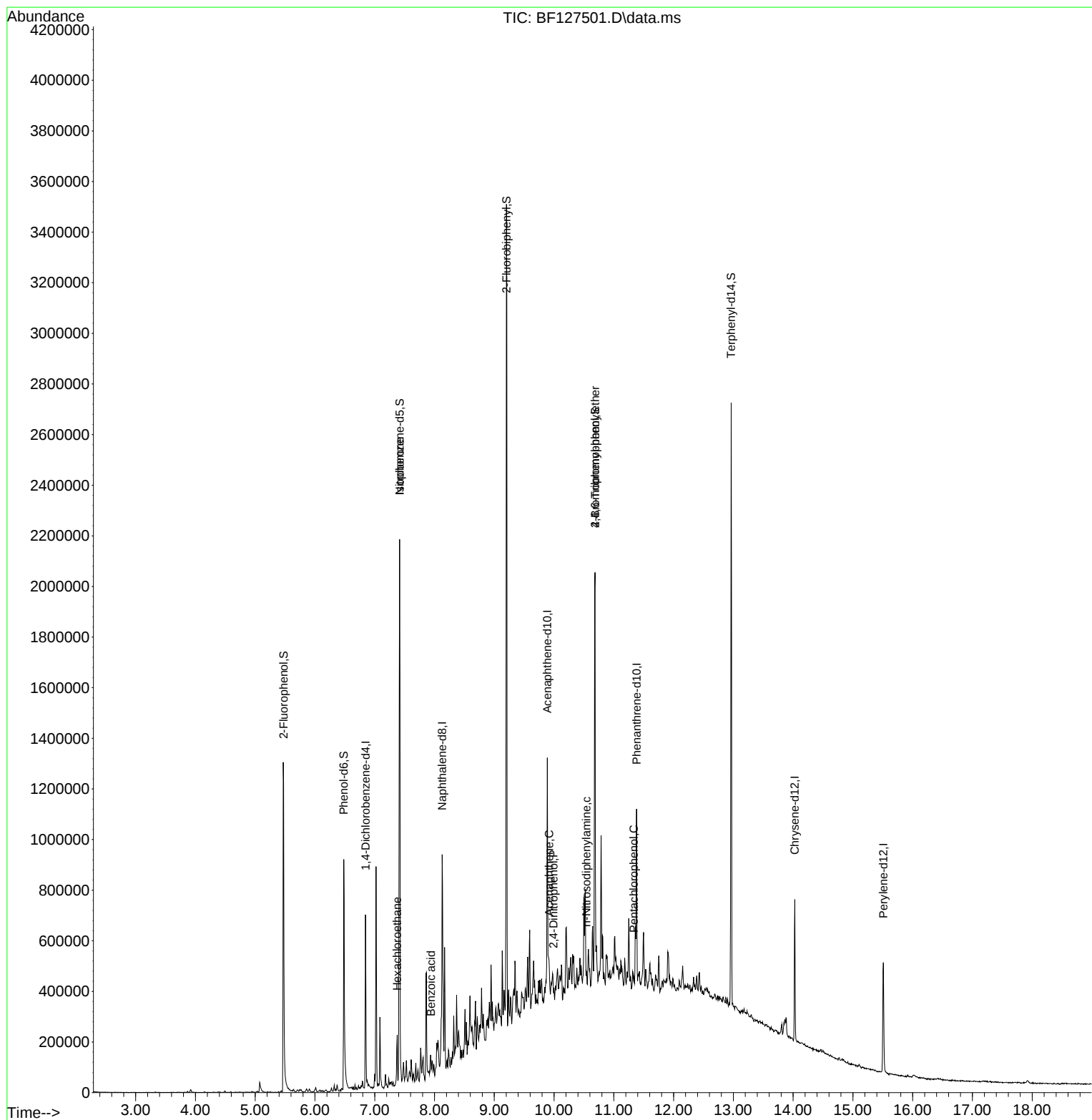
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	87433	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	304144	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	171662	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	234614	20.000	ng	0.00
76) Chrysene-d12	14.027	240	188113	20.000	ng	0.00
86) Perylene-d12	15.510	264	200246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	370099	67.567	ng	0.00
7) Phenol-d6	6.481	99	318910	42.593	ng	0.00
23) Nitrobenzene-d5	7.416	82	654629	92.004	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	214028	117.042	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1059579	90.132	ng	0.00
79) Terphenyl-d14	12.963	244	815956	71.007	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.404	77	68	Below Cal	#	1
18) Hexachloroethane	7.375	117	40526	17.480	ng	# 1
25) Isophorone	7.416	82	654629	57.766	ng	# 70
32) Benzoic acid	7.940	122	1310	6.508	ng	# 30
52) Acenaphthene	9.916	154	19028	2.113	ng	# 97
54) 2,4-Dinitrophenol	9.992	184	122	8.786	ng	# 1
55) Dibenzofuran	10.092	168	15887	Below Cal	#	87
66) n-Nitrosodiphenylamine	10.539	169	15329	2.146	ng	# 49
67) 4-Bromophenyl-phenylether	10.686	248	14164	5.171	ng	# 1
70) Pentachlorophenol	11.333	266	64	6.792	ng	# 20

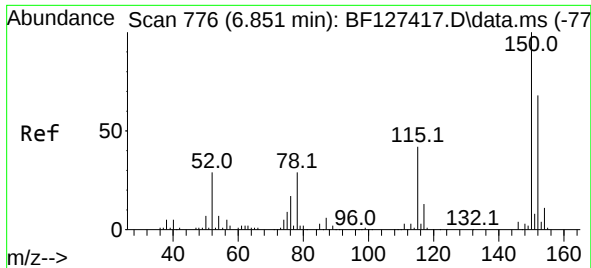
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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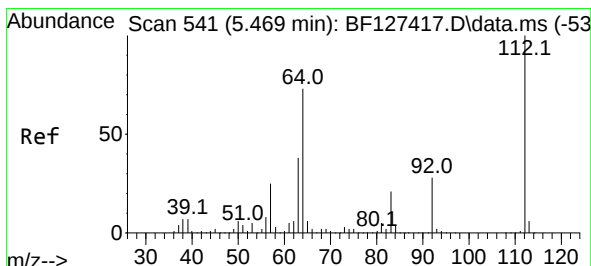
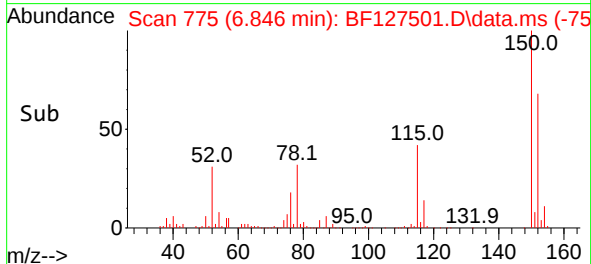
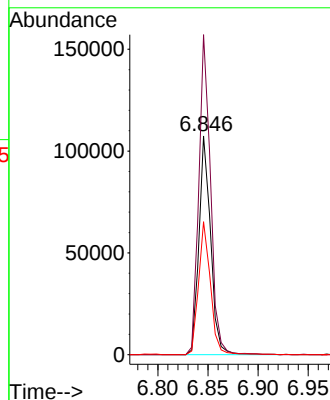
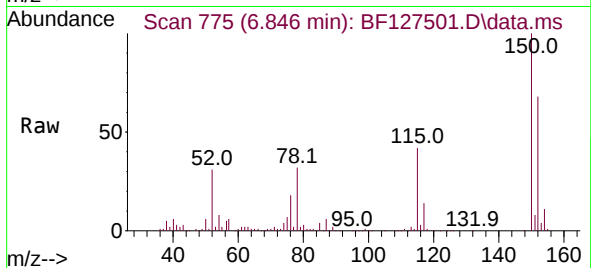




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF127501.D
Acq: 24 Mar 2022 14:28

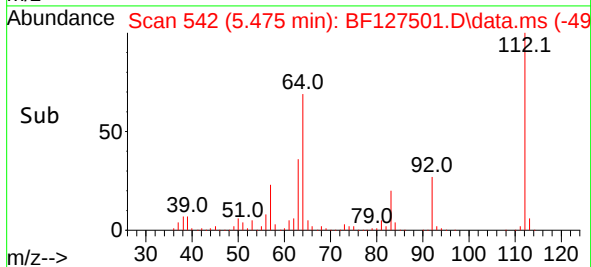
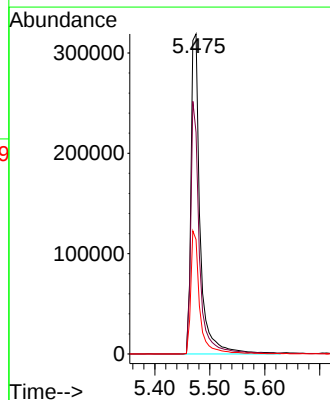
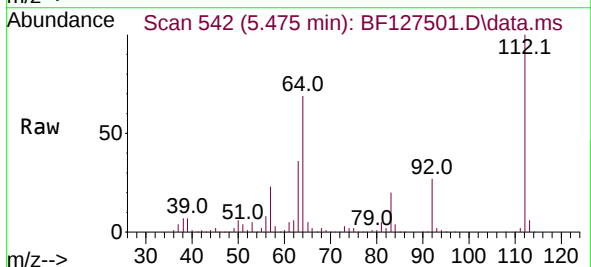
Instrument :
BNA_F
ClientSampleId :
MW-7

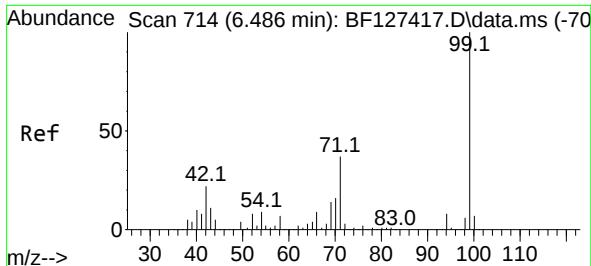
Tgt Ion:152 Resp: 87433
Ion Ratio Lower Upper
152 100
150 146.3 117.2 175.8
115 60.8 49.8 74.6



#5
2-Fluorophenol
Concen: 67.567 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127501.D
Acq: 24 Mar 2022 14:28

Tgt Ion:112 Resp: 370099
Ion Ratio Lower Upper
112 100
64 69.3 58.4 87.6
63 35.7 30.1 45.1

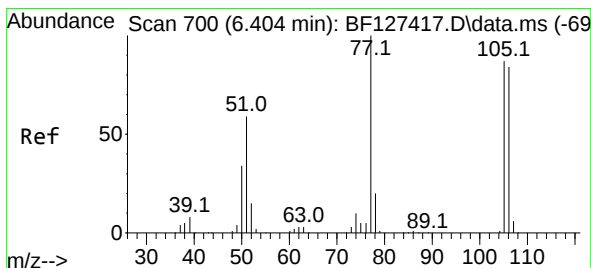
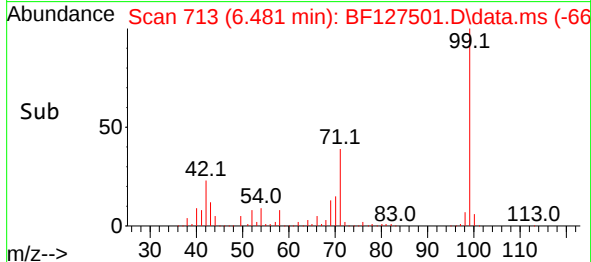
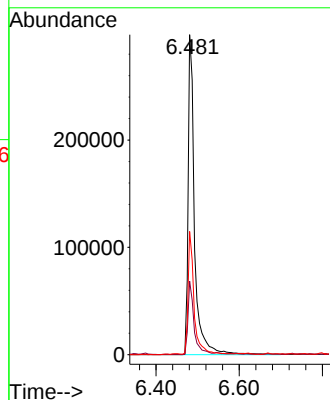
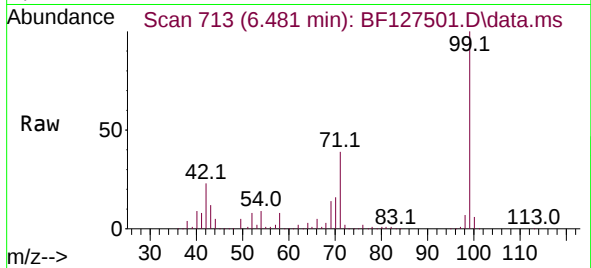




#7
Phenol-d6
Concen: 42.593 ng
RT: 6.481 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127501.D
Acq: 24 Mar 2022 14:28

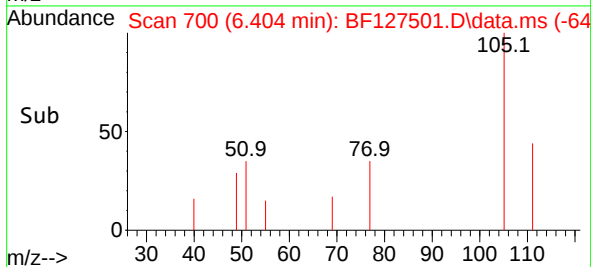
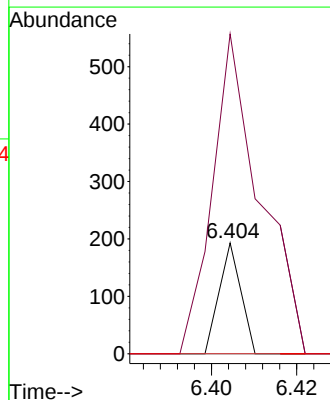
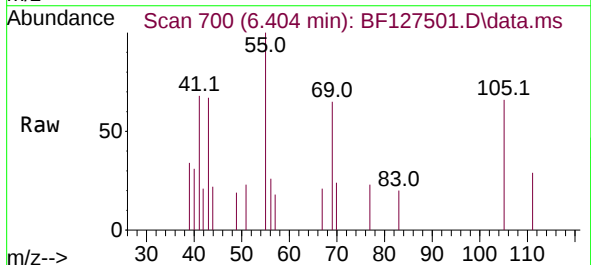
Instrument :
BNA_F
ClientSampleId :
MW-7

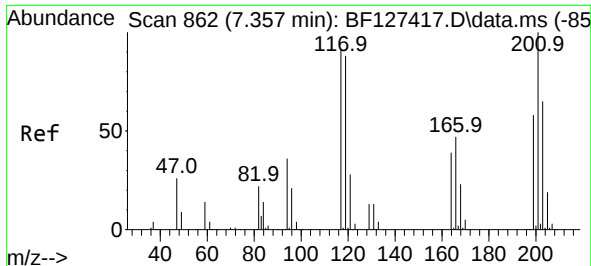
Tgt Ion: 99 Resp: 318910
Ion Ratio Lower Upper
99 100
42 23.0 17.8 26.6
71 38.5 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.404 min Scan# 700
Delta R.T. 0.000 min
Lab File: BF127501.D
Acq: 24 Mar 2022 14:28

Tgt Ion: 77 Resp: 68
Ion Ratio Lower Upper
77 100
105 288.6 66.8 106.8#
106 0.0 64.3 104.3#

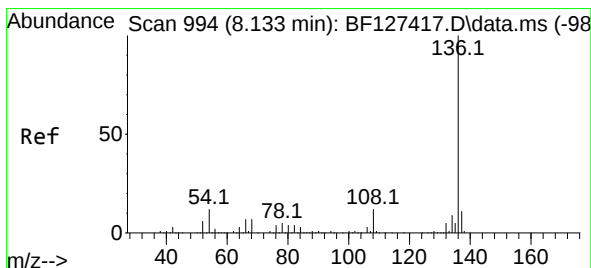
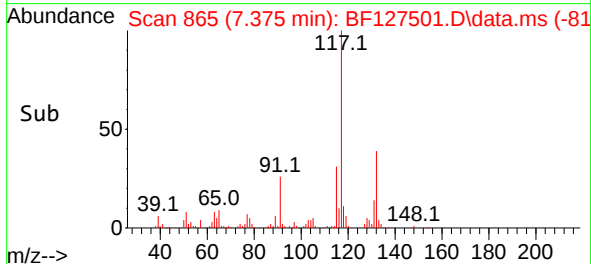
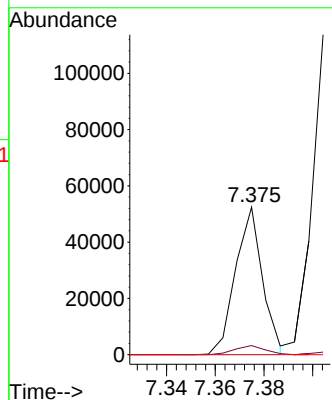
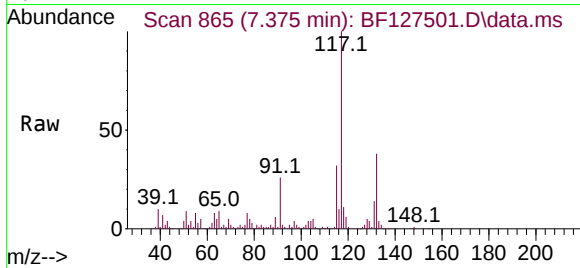




#18
Hexachloroethane
Concen: 17.480 ng
RT: 7.375 min Scan# 80
Delta R.T. 0.018 min
Lab File: BF127501.D
Acq: 24 Mar 2022 14:28

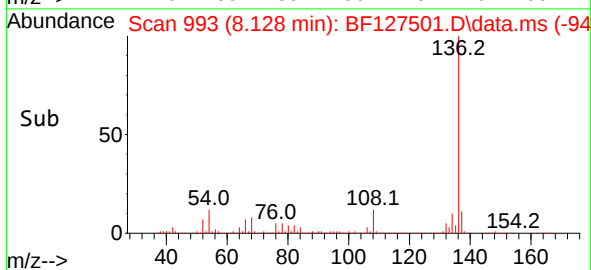
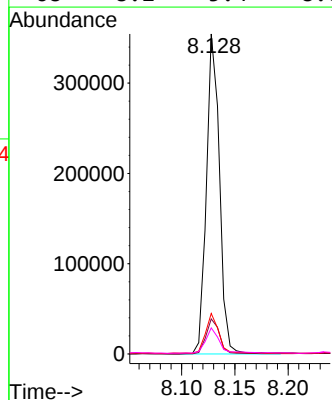
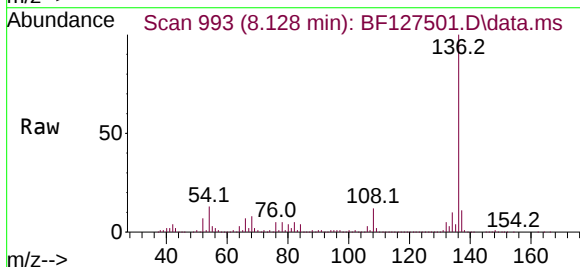
Instrument :
BNA_F
ClientSampleId :
MW-7

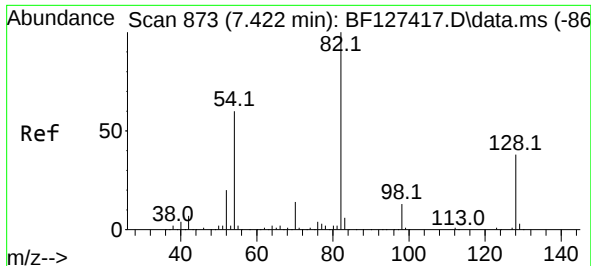
Tgt Ion:117 Resp: 40526
Ion Ratio Lower Upper
117 100
119 6.2 77.6 116.4#
201 0.0 88.2 132.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127501.D
Acq: 24 Mar 2022 14:28

Tgt Ion:136 Resp: 304144
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 12.6 9.2 13.8
68 8.2 5.4 8.0#





#23

Nitrobenzene-d5

Concen: 92.004 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127501.D

Acq: 24 Mar 2022 14:28

Instrument :

BNA_F

ClientSampleId :

MW-7

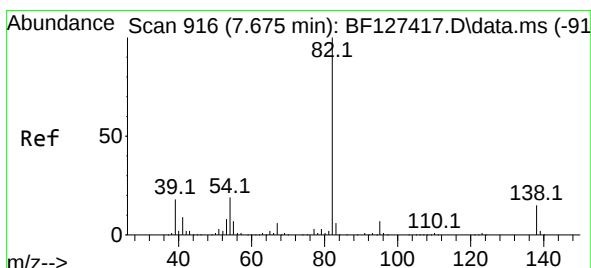
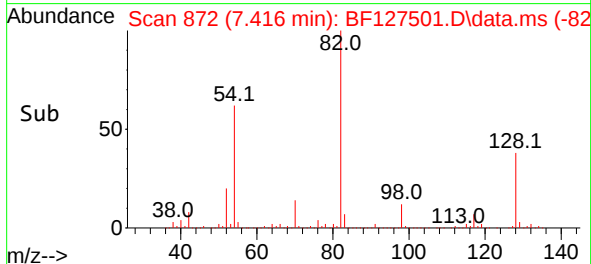
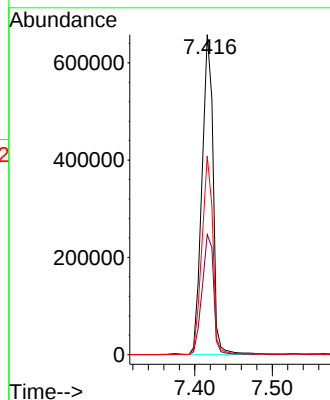
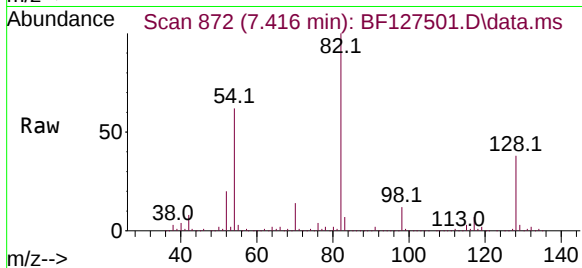
Tgt Ion: 82 Resp: 654629

Ion Ratio Lower Upper

82 100

128 37.6 30.6 45.8

54 62.1 48.2 72.2



#25

Isophorone

Concen: 57.766 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127501.D

Acq: 24 Mar 2022 14:28

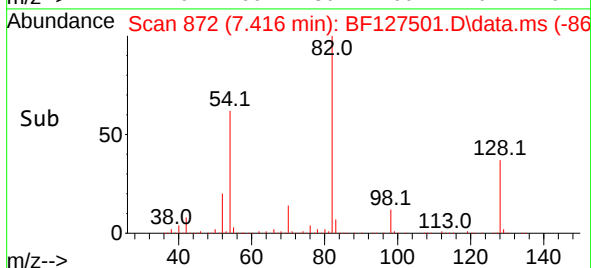
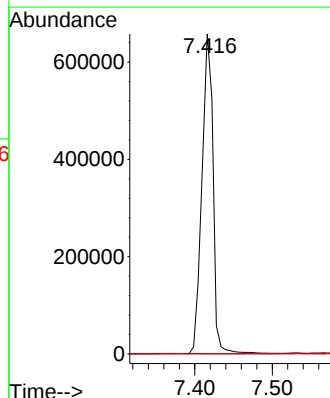
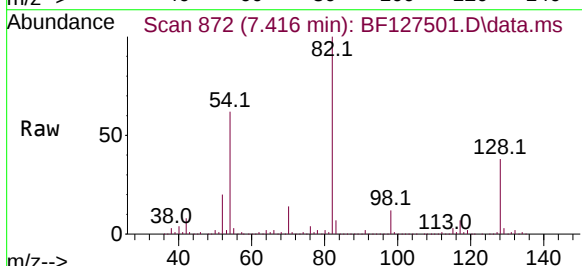
Tgt Ion: 82 Resp: 654629

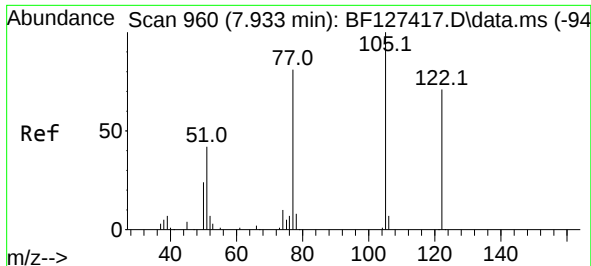
Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.8#

138 0.0 11.6 17.4#

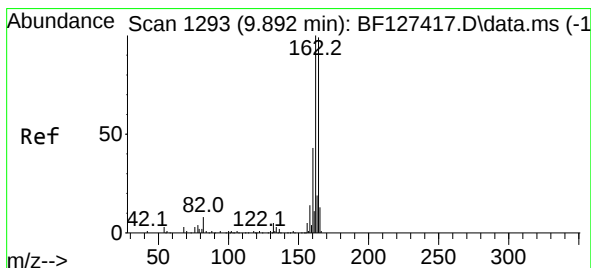
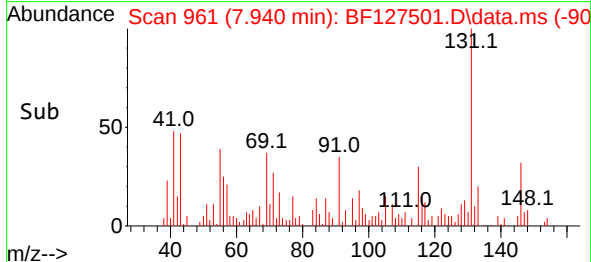
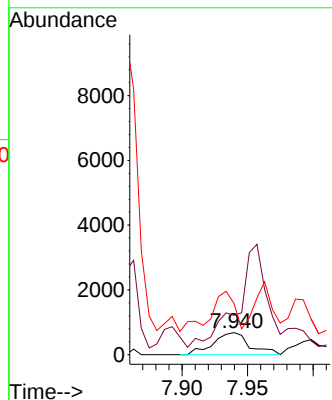
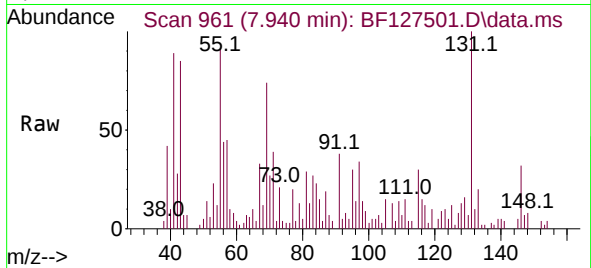




#32
Benzoic acid
Concen: 6.508 ng
RT: 7.940 min Scan# 90
Delta R.T. 0.007 min
Lab File: BF127501.D
Acq: 24 Mar 2022 14:28

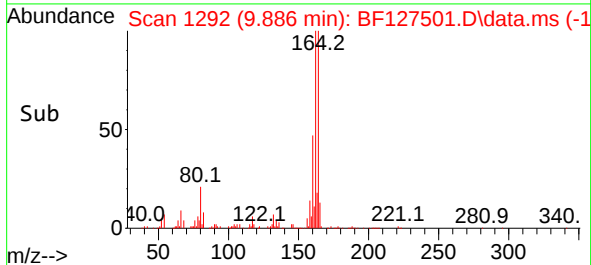
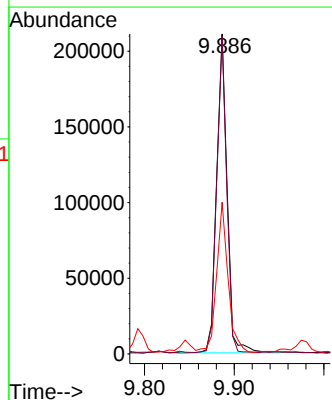
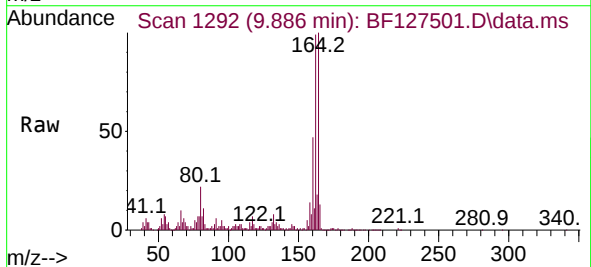
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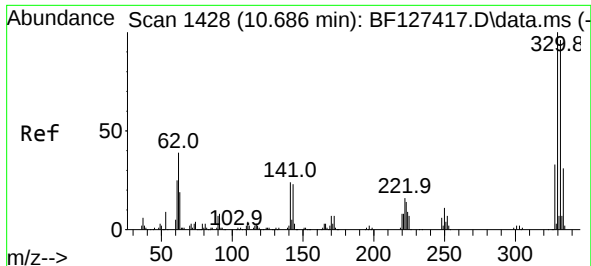
Tgt Ion:122 Resp: 1310
Ion Ratio Lower Upper
122 100
105 178.8 117.1 157.1#
77 233.2 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127501.D
Acq: 24 Mar 2022 14:28

Tgt Ion:164 Resp: 171662
Ion Ratio Lower Upper
164 100
162 99.4 81.2 121.8
160 47.4 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 117.042 ng

RT: 10.686 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF127501.D

Acq: 24 Mar 2022 14:28

Instrument :

BNA_F

ClientSampleId :

MW-7

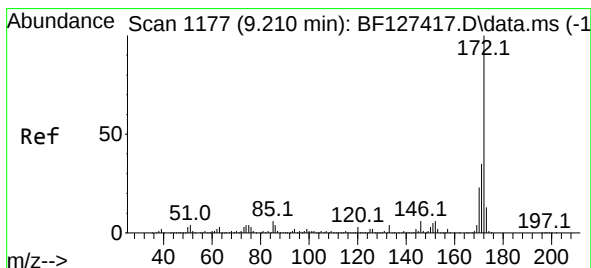
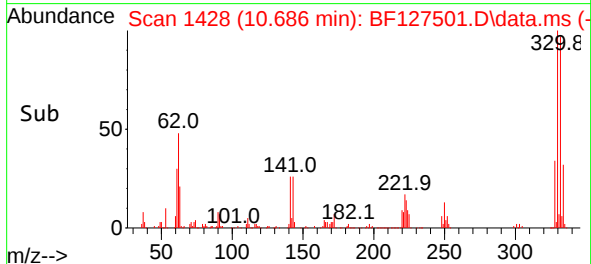
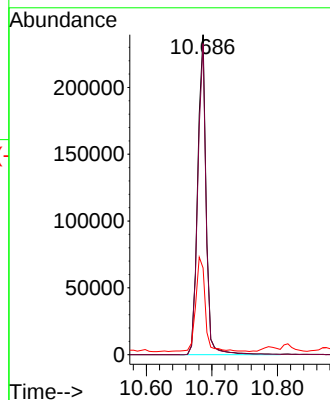
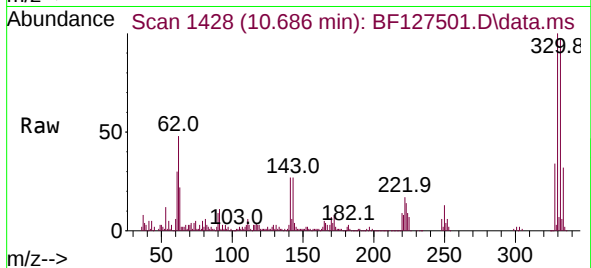
Tgt Ion:330 Resp: 214028

Ion Ratio Lower Upper

330 100

332 96.5 79.1 118.7

141 33.1 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 90.132 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127501.D

Acq: 24 Mar 2022 14:28

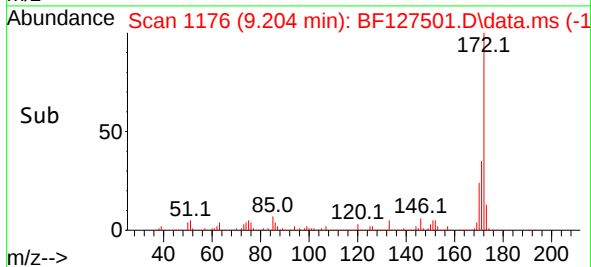
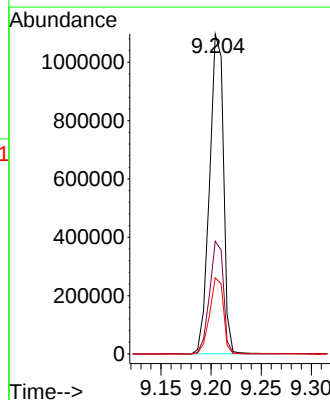
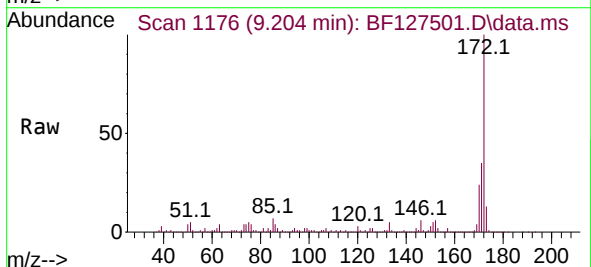
Tgt Ion:172 Resp: 1059579

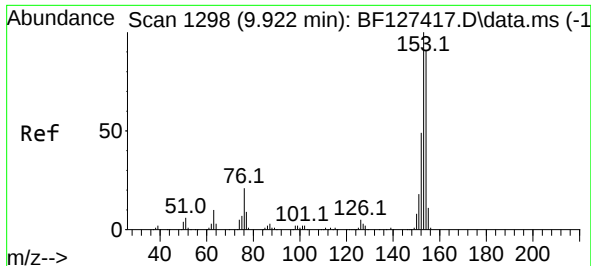
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.8 18.6 27.8

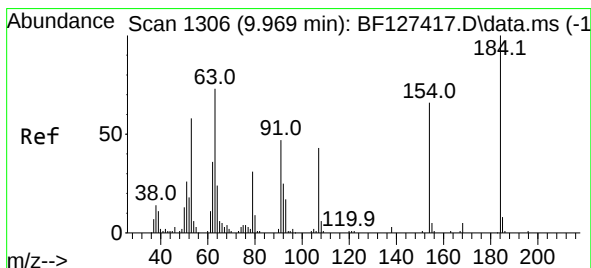
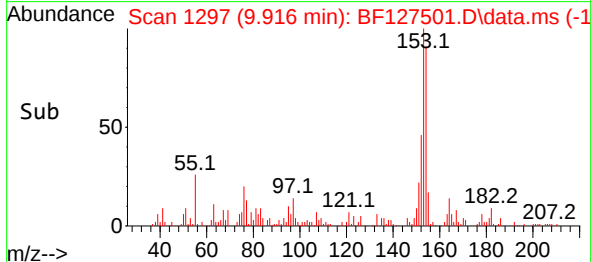
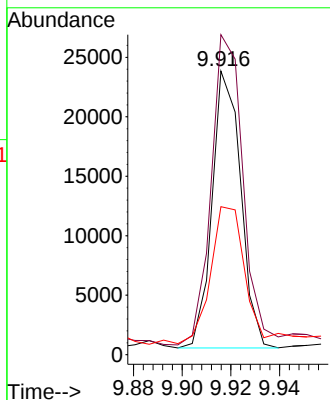
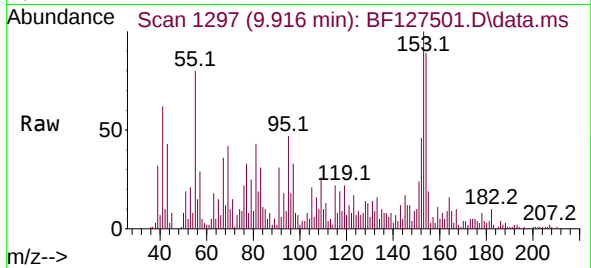




#52
Acenaphthene
Concen: 2.113 ng
RT: 9.916 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF127501.D
Acq: 24 Mar 2022 14:28

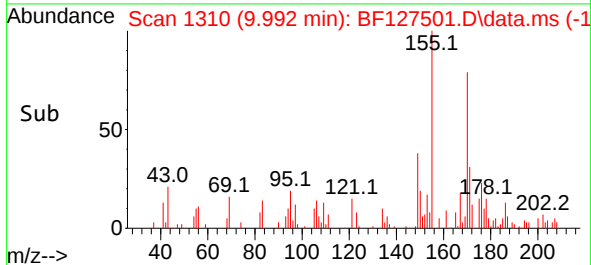
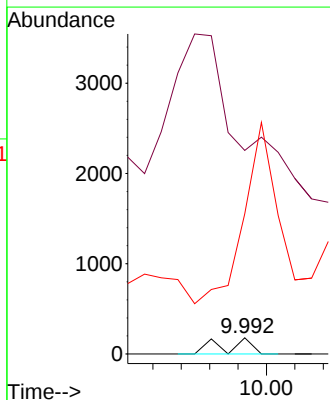
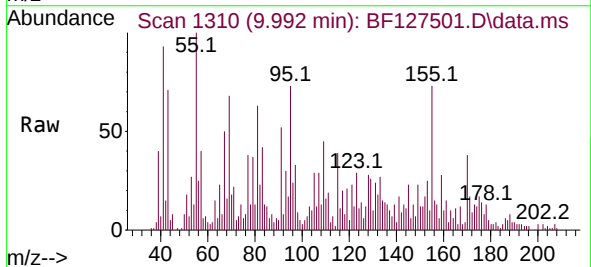
Instrument :
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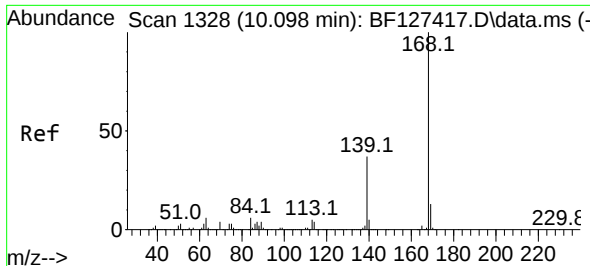
Tgt Ion:154 Resp: 19028
Ion Ratio Lower Upper
154 100
153 112.9 87.6 131.4
152 52.2 42.9 64.3



#54
2,4-Dinitrophenol
Concen: 8.786 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.023 min
Lab File: BF127501.D
Acq: 24 Mar 2022 14:28

Tgt Ion:184 Resp: 122
Ion Ratio Lower Upper
184 100
63 1253.3 58.1 87.1#
154 863.3 53.2 79.8#

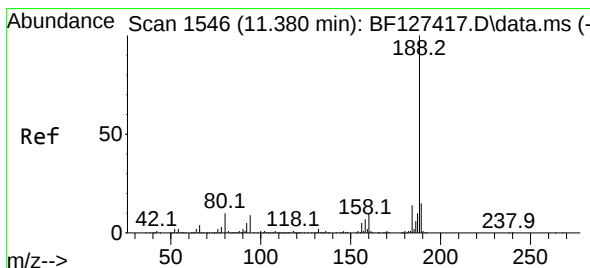
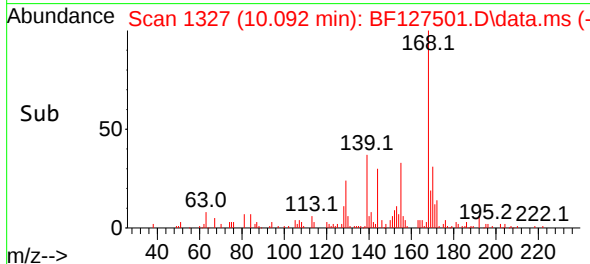
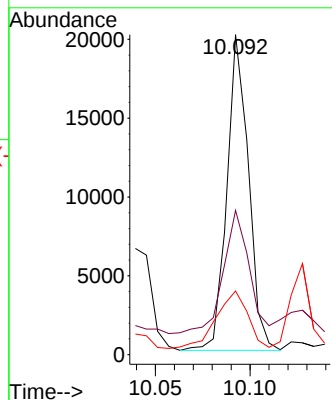
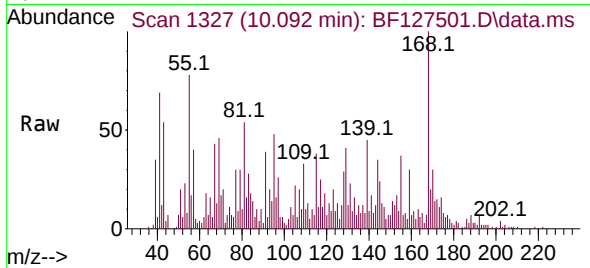




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127501.D
Acq: 24 Mar 2022 14:28

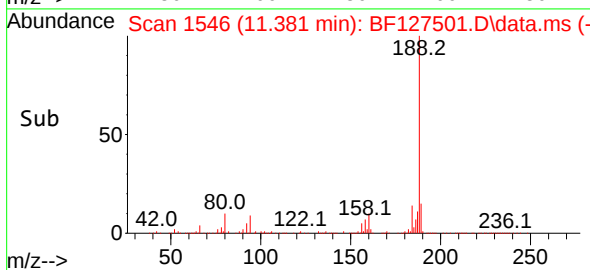
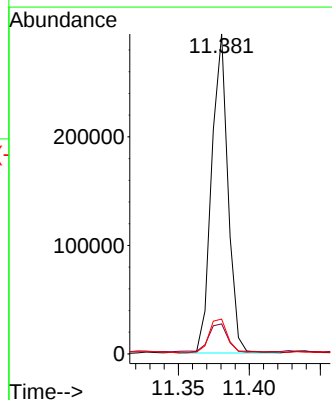
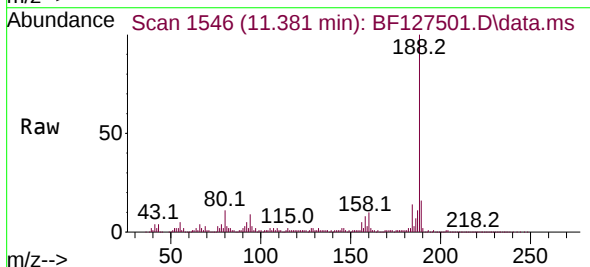
Instrument :
BNA_F
ClientSampleId :
MW-7

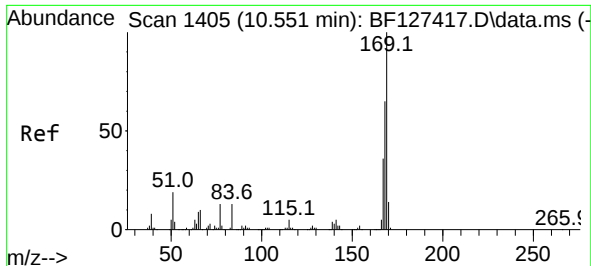
Tgt Ion:168 Resp: 15887
Ion Ratio Lower Upper
168 100
139 45.1 30.3 45.5
169 19.9 10.8 16.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.381 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF127501.D
Acq: 24 Mar 2022 14:28

Tgt Ion:188 Resp: 234614
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.9 8.0 12.0

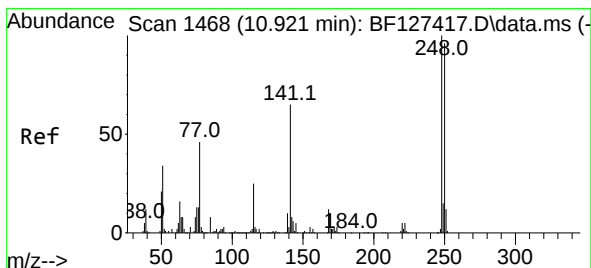
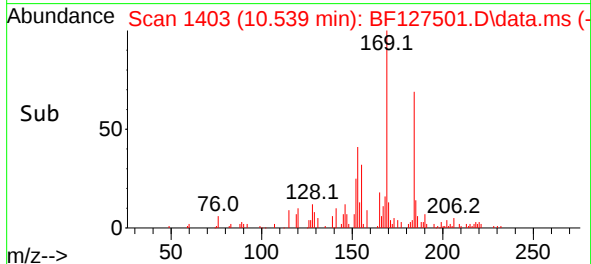
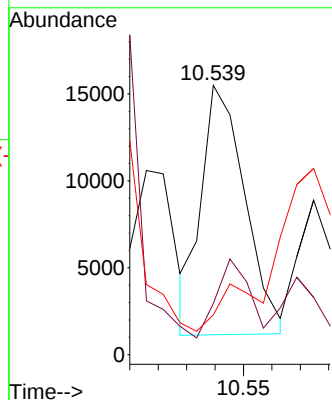
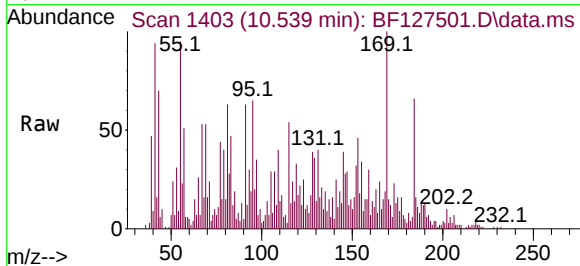




#66
n-Nitrosodiphenylamine
Concen: 2.146 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BF127501.D
Acq: 24 Mar 2022 14:28

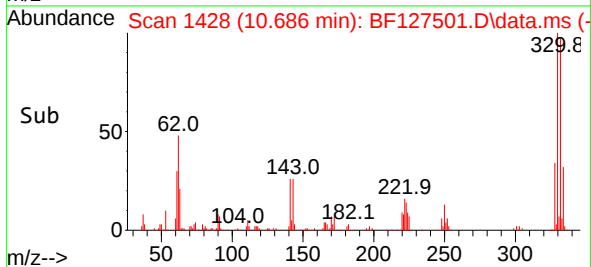
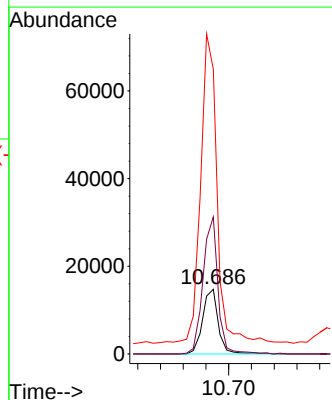
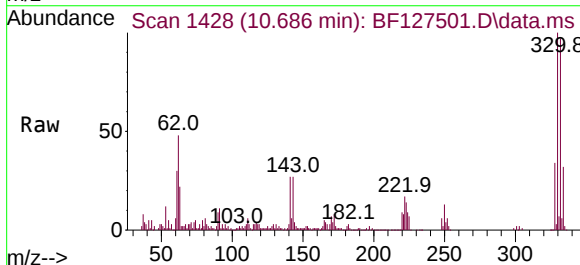
Instrument :
BNA_F
ClientSampleId :
MW-7

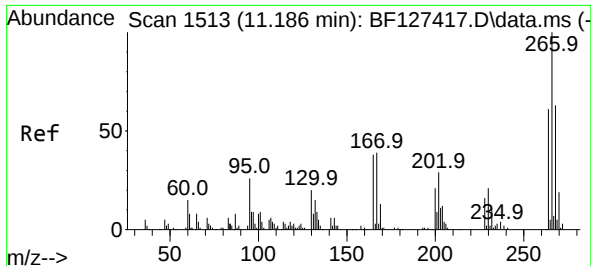
Tgt Ion:169 Resp: 15329
Ion Ratio Lower Upper
169 100
168 19.0 52.7 79.1#
167 14.8 28.9 43.3#



#67
4-Bromophenyl-phenylether
Concen: 5.171 ng
RT: 10.686 min Scan# 1428
Delta R.T. -0.235 min
Lab File: BF127501.D
Acq: 24 Mar 2022 14:28

Tgt Ion:248 Resp: 14164
Ion Ratio Lower Upper
248 100
250 212.2 76.6 115.0#
141 440.1 52.2 78.2#

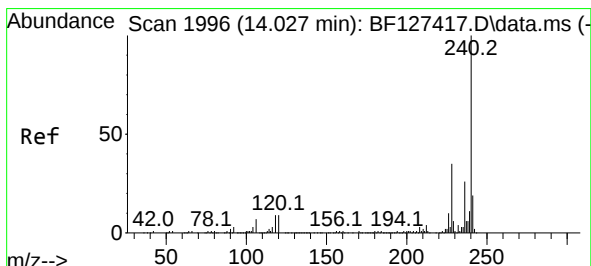
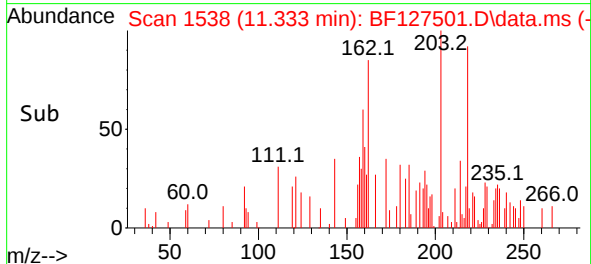
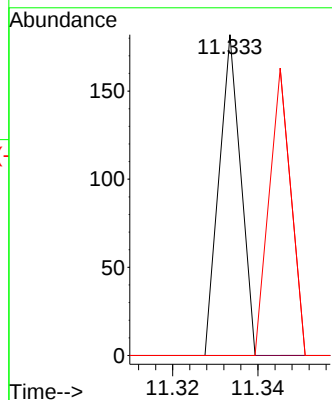
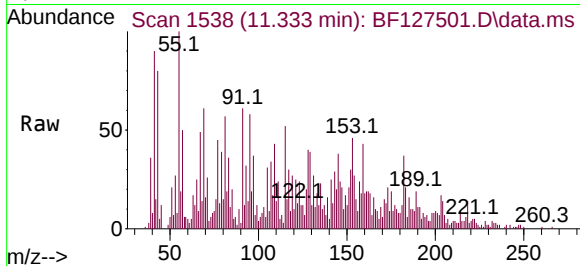




#70
 Pentachlorophenol
 Concen: 6.792 ng
 RT: 11.333 min Scan# 11
 Delta R.T. 0.147 min
 Lab File: BF127501.D
 Acq: 24 Mar 2022 14:28

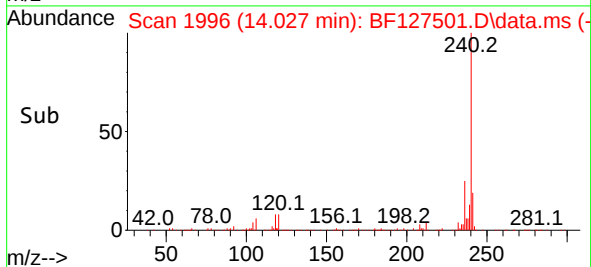
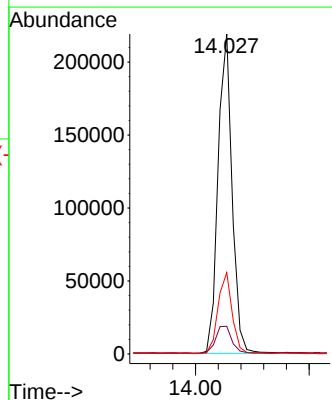
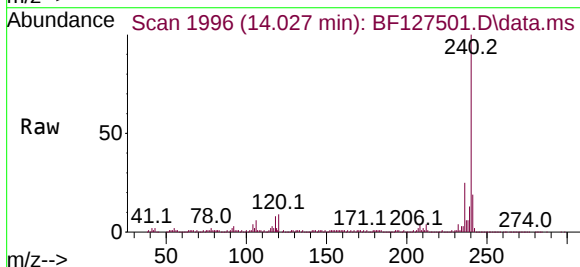
Instrument :
 BNA_F
 ClientSampleId :
 MW-7

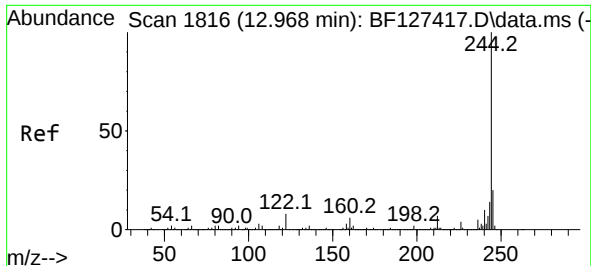
Tgt Ion:266 Resp: 64
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.4 75.6#
 264 0.0 48.5 72.7#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.027 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: BF127501.D
 Acq: 24 Mar 2022 14:28

Tgt Ion:240 Resp: 188113
 Ion Ratio Lower Upper
 240 100
 120 8.6 7.1 10.7
 236 25.4 20.7 31.1

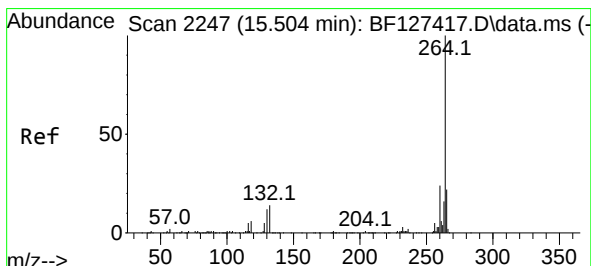
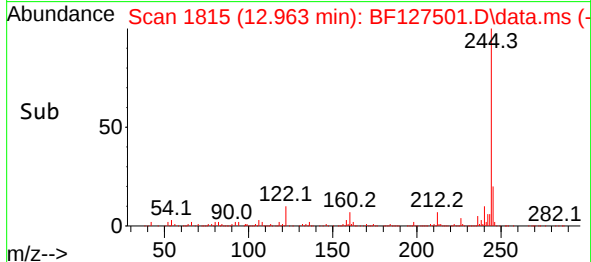
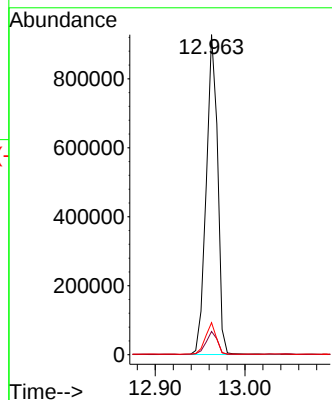
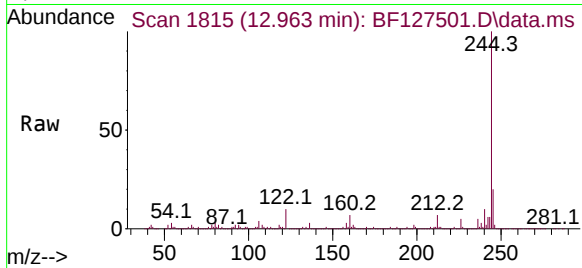




#79
 Terphenyl-d14
 Concen: 71.007 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF127501.D
 Acq: 24 Mar 2022 14:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Tgt Ion:244 Resp: 815956
 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: 15.510 min Scan# 2248
 Delta R.T. 0.006 min
 Lab File: BF127501.D
 Acq: 24 Mar 2022 14:28

Tgt Ion:264 Resp: 200246
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.6 17.4 26.2

