

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032322\
 Data File : BF127489.D
 Acq On : 23 Mar 2022 19:19
 Operator : CG\JU
 Sample : N2063-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4-2-(10-10.5)

Quant Time: Mar 24 02:13:15 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)

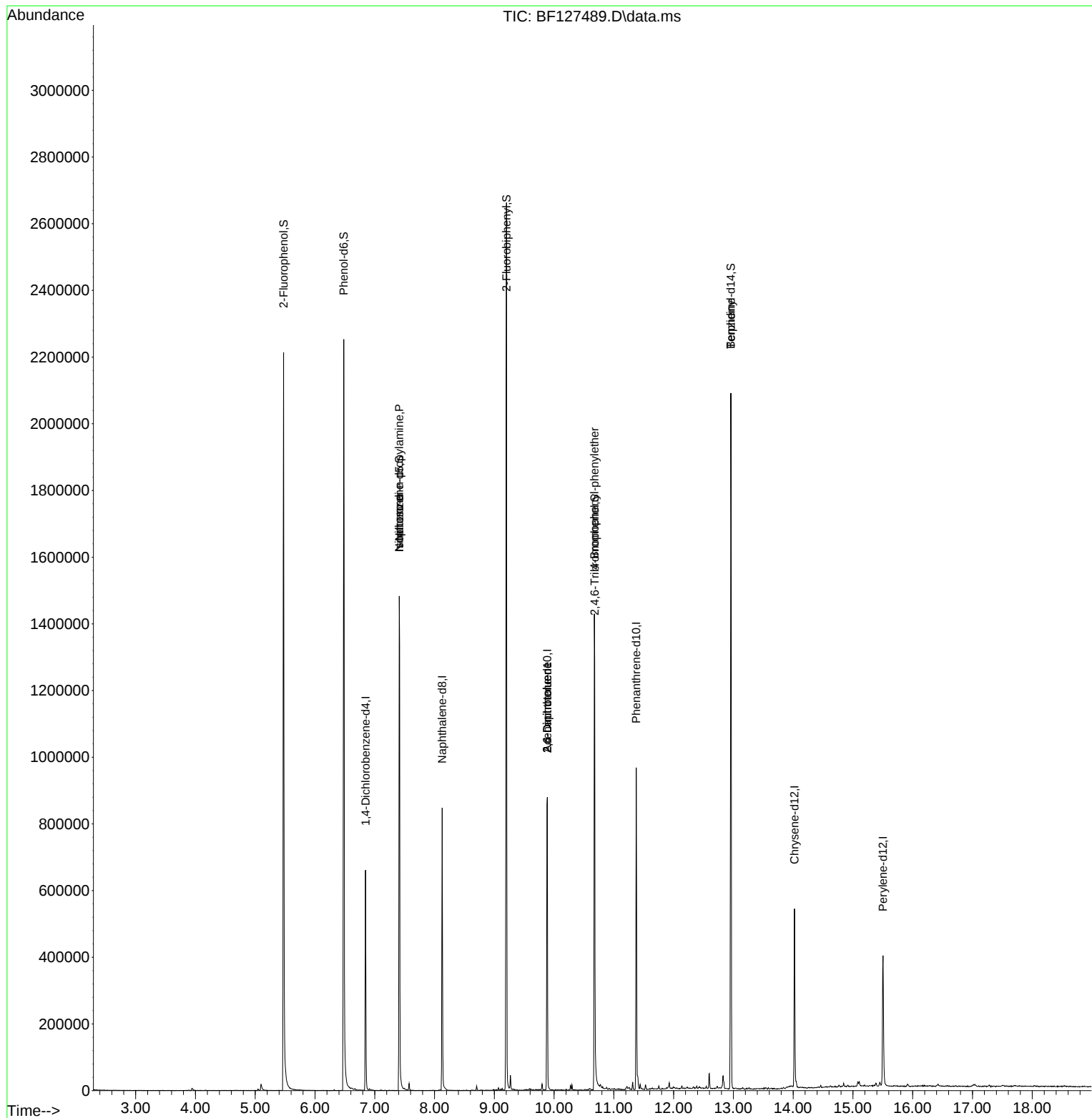
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	89024	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	324820	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	185738	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	330943	20.000	ng	0.00
76) Chrysene-d12	14.021	240	178541	20.000	ng	0.00
86) Perylene-d12	15.504	264	184044	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	542164	97.211	ng	0.00
7) Phenol-d6	6.481	99	744187	97.617	ng	0.00
23) Nitrobenzene-d5	7.410	82	498954	65.661	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	177695	89.809	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	797143	62.670	ng	0.00
79) Terphenyl-d14	12.957	244	711795	65.264	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1202	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.410	70	68230	14.931	ng	# 79
25) Isophorone	7.410	82	498951	41.226	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	24013	8.853	ng	# 17
55) Dibenzofuran	10.110	168	470	Below Cal	#	45
57) 2,4-Dinitrotoluene	9.886	165	24013	6.878	ng	# 13
58) Fluorene	10.445	166	366	Below Cal	#	87
67) 4-Bromophenyl-phenylether	10.675	248	11703	3.029	ng	# 1
77) Benzidine	12.957	184	9068	2.130	ng	# 93

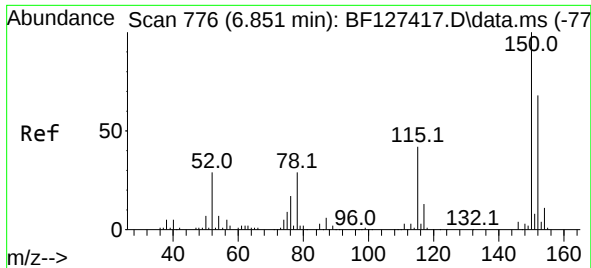
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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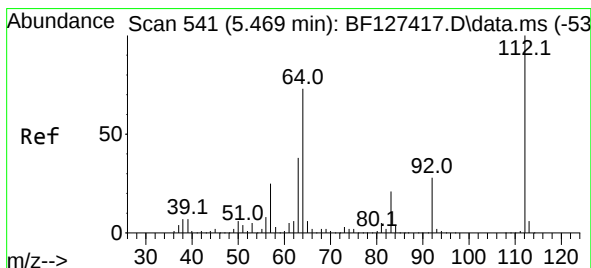
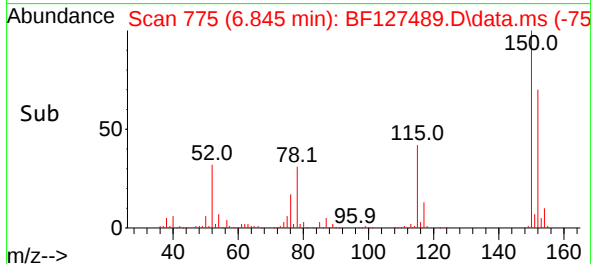
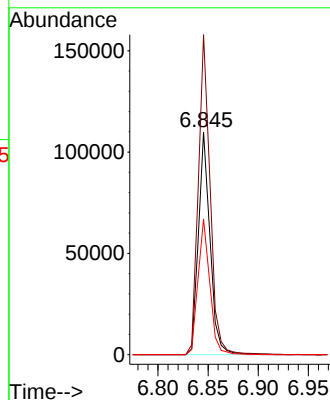
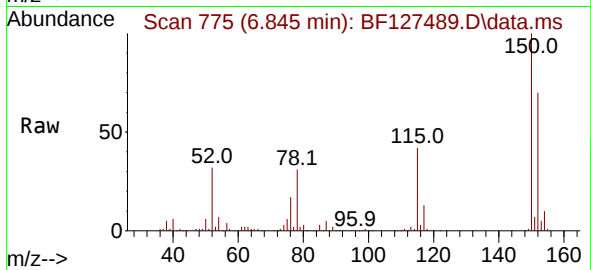




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

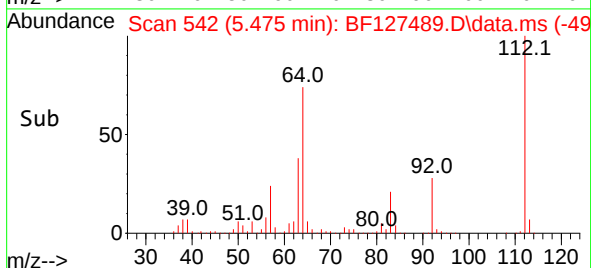
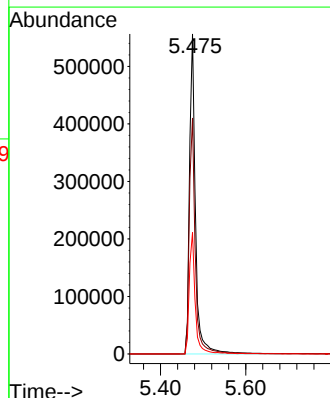
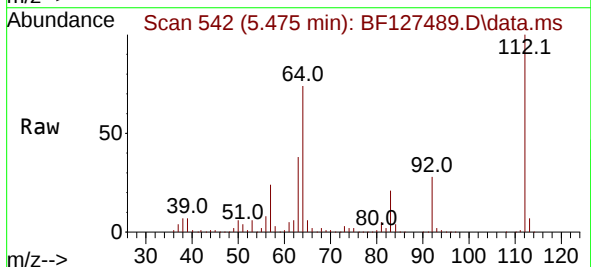
Instrument :
BNA_F
ClientSampleId :
WC-4-2-(10-10.5)

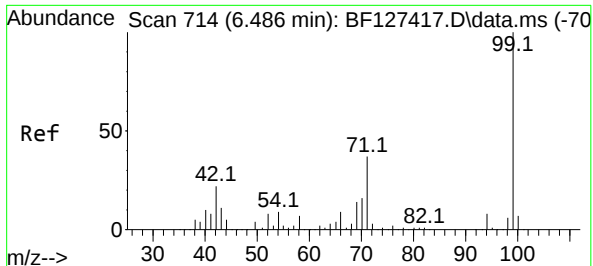
Tgt Ion:152 Resp: 89024
Ion Ratio Lower Upper
152 100
150 143.7 117.2 175.8
115 61.0 49.8 74.6



#5
2-Fluorophenol
Concen: 97.211 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

Tgt Ion:112 Resp: 542164
Ion Ratio Lower Upper
112 100
64 73.8 58.4 87.6
63 37.9 30.1 45.1

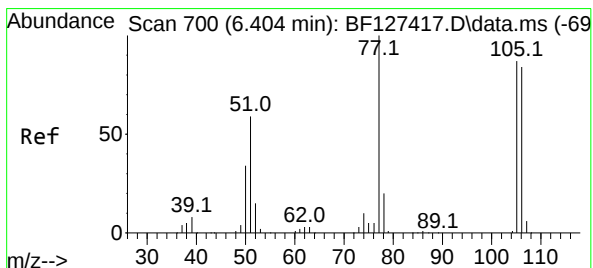
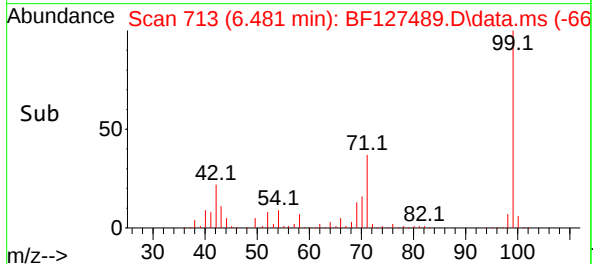
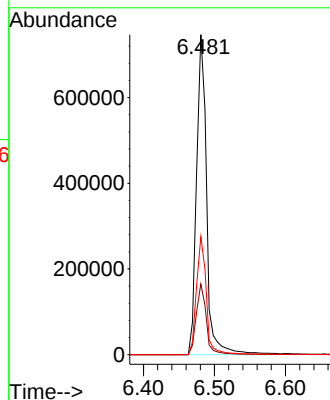
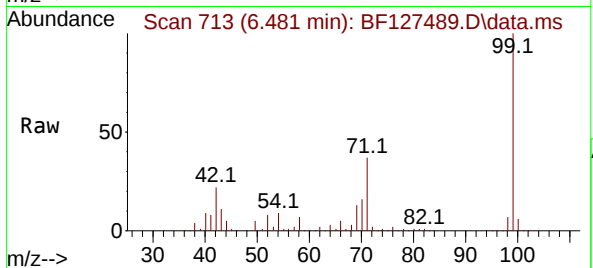




#7
Phenol-d6
Concen: 97.617 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

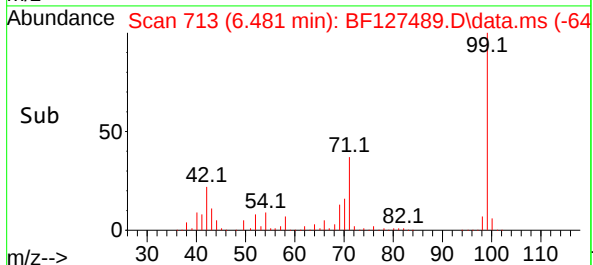
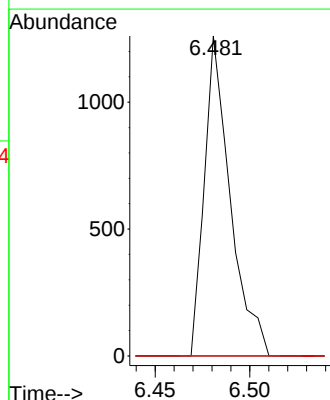
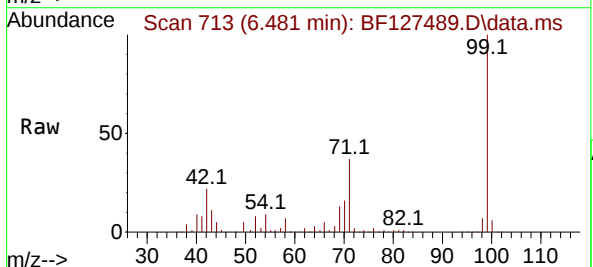
Instrument :
BNA_F
ClientSampleId :
WC-4-2-(10-10.5)

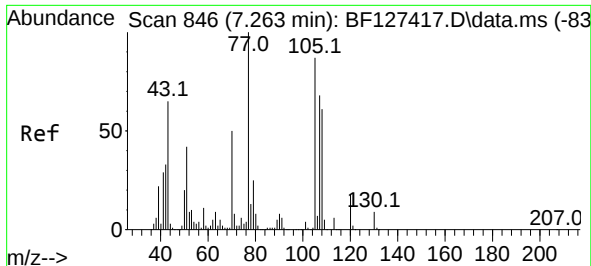
Tgt Ion: 99 Resp: 744187
Ion Ratio Lower Upper
99 100
42 22.1 17.8 26.6
71 36.9 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.077 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

Tgt Ion: 77 Resp: 1202
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: 14.931 ng

RT: 7.410 min Scan# 81

Delta R.T. 0.147 min

Lab File: BF127489.D

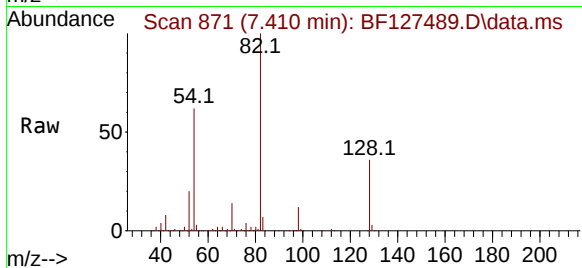
Acq: 23 Mar 2022 19:19

Instrument :

BNA_F

ClientSampleId :

WC-4-2-(10-10.5)



Tgt Ion: 70 Resp: 68230

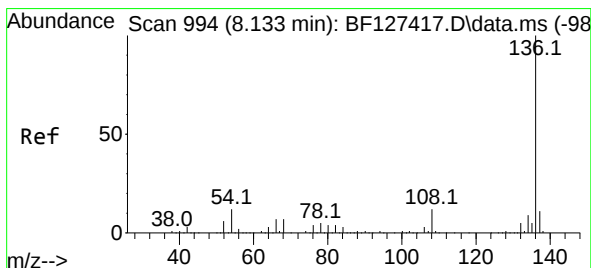
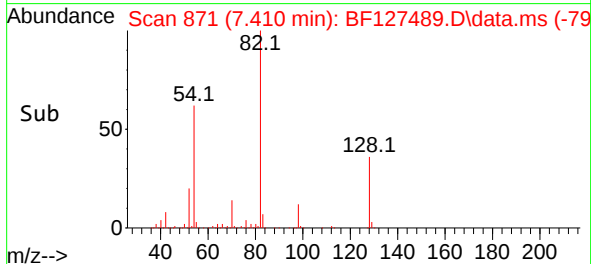
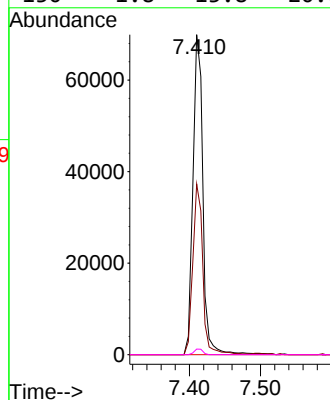
Ion Ratio Lower Upper

70 100

42 53.3 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# 993

Delta R.T. -0.006 min

Lab File: BF127489.D

Acq: 23 Mar 2022 19:19

Tgt Ion: 136 Resp: 324820

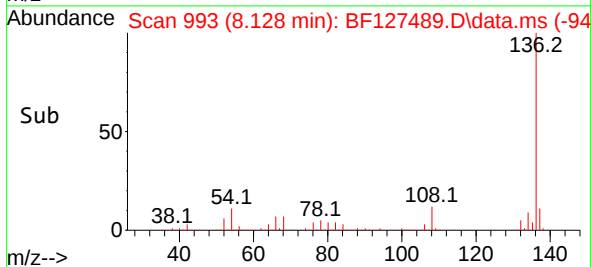
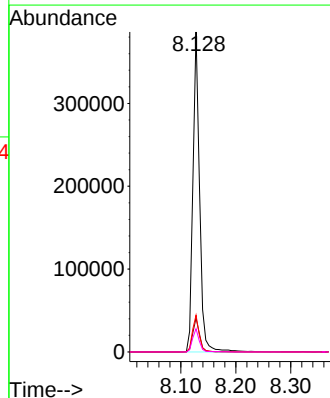
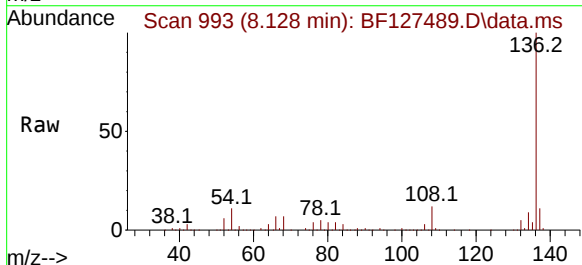
Ion Ratio Lower Upper

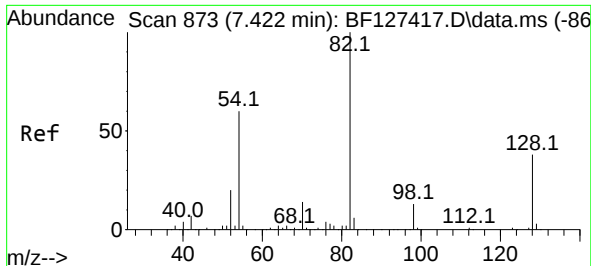
136 100

137 10.5 8.6 13.0

54 11.5 9.2 13.8

68 7.3 5.4 8.0

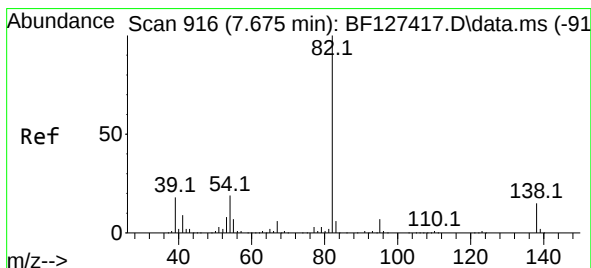
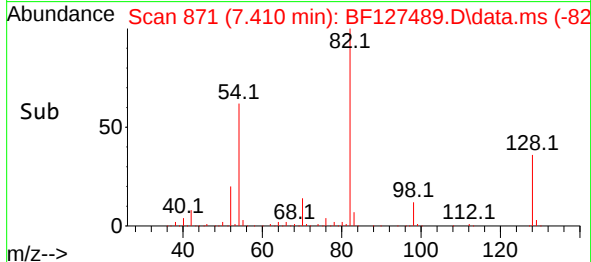
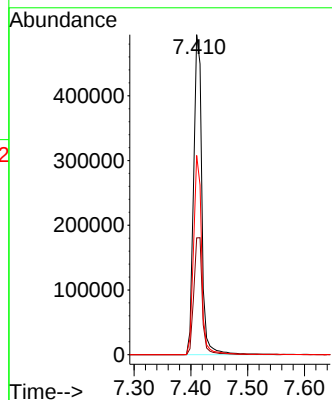
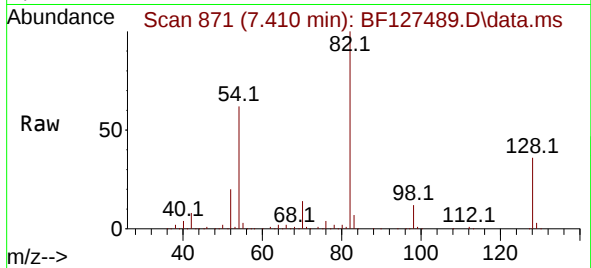




#23
Nitrobenzene-d5
Concen: 65.661 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

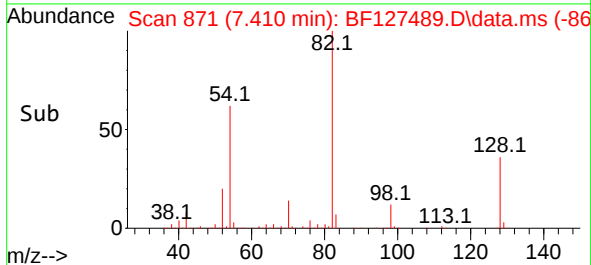
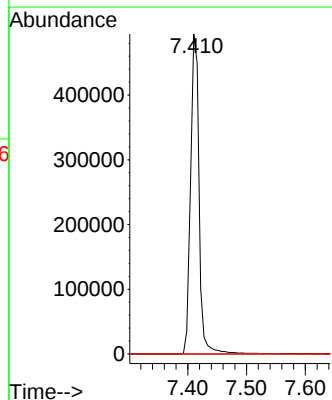
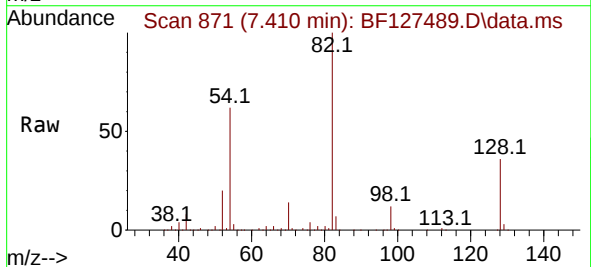
Instrument :
BNA_F
ClientSampleId :
WC-4-2-(10-10.5)

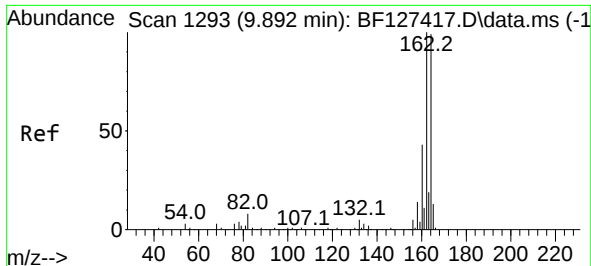
Tgt Ion: 82 Resp: 498954
Ion Ratio Lower Upper
82 100
128 36.5 30.6 45.8
54 62.2 48.2 72.2



#25
Isophorone
Concen: 41.226 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.265 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

Tgt Ion: 82 Resp: 498951
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# 1

Delta R.T. -0.006 min

Lab File: BF127489.D

Acq: 23 Mar 2022 19:19

Instrument :

BNA_F

ClientSampleId :

WC-4-2-(10-10.5)

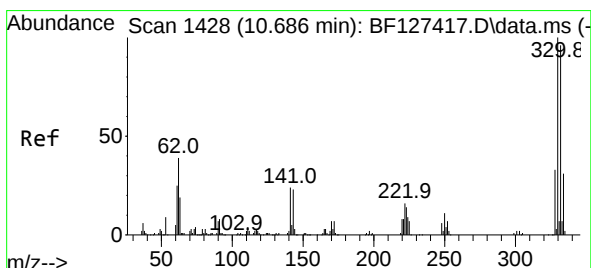
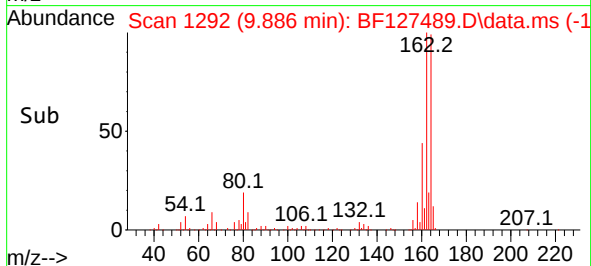
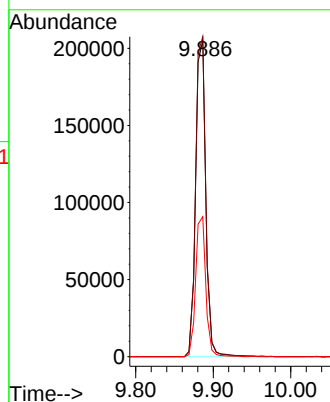
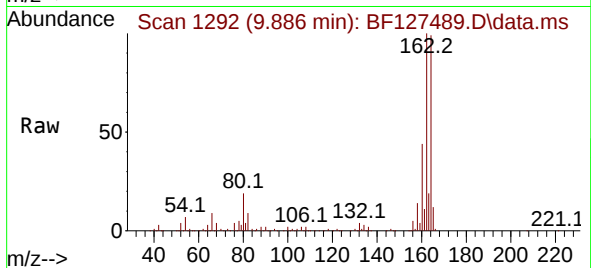
Tgt Ion:164 Resp: 185738

Ion Ratio Lower Upper

164 100

162 101.1 81.2 121.8

160 44.3 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 89.809 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127489.D

Acq: 23 Mar 2022 19:19

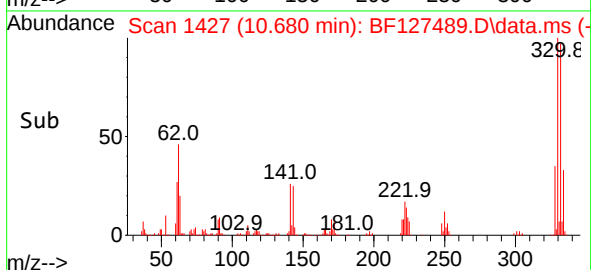
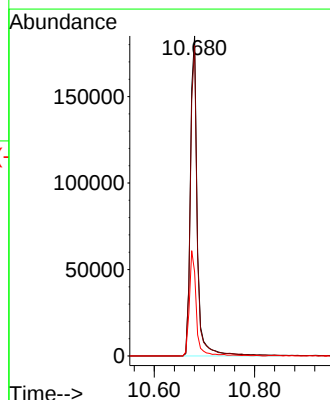
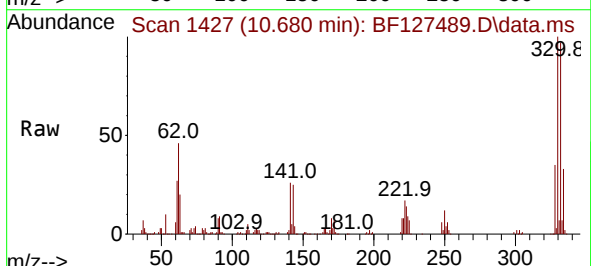
Tgt Ion:330 Resp: 177695

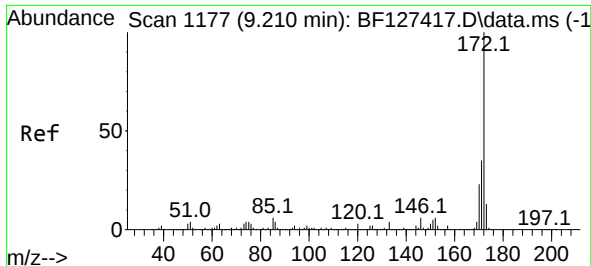
Ion Ratio Lower Upper

330 100

332 95.7 79.1 118.7

141 32.7 26.2 39.4

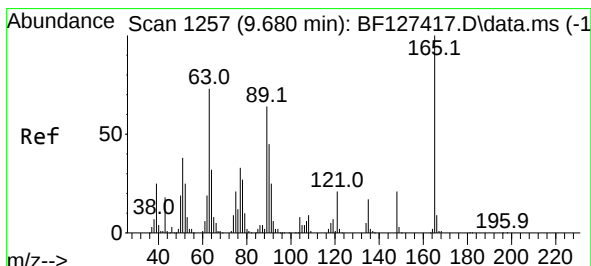
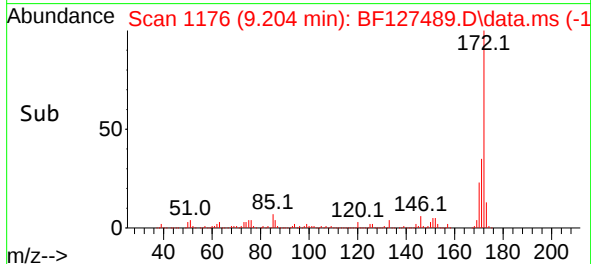
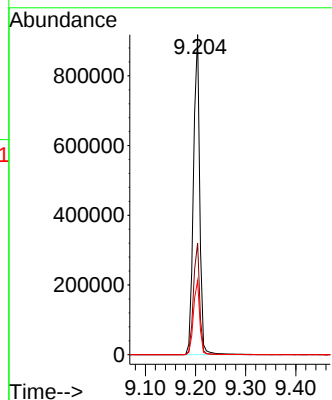
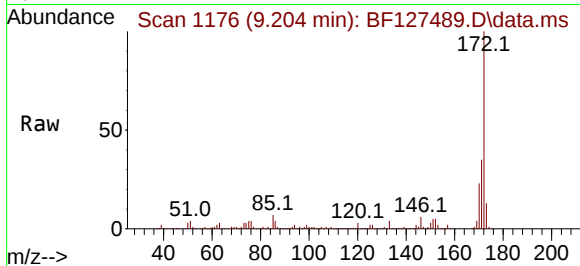




#45
2-Fluorobiphenyl
Concen: 62.670 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

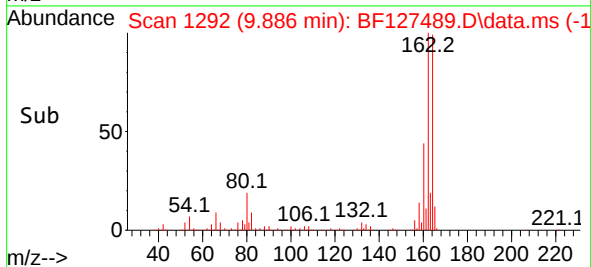
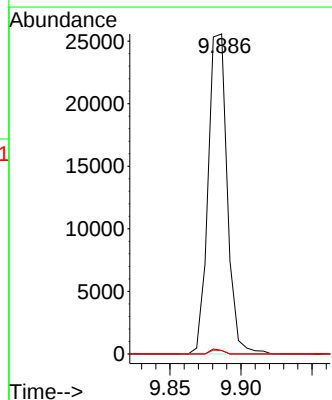
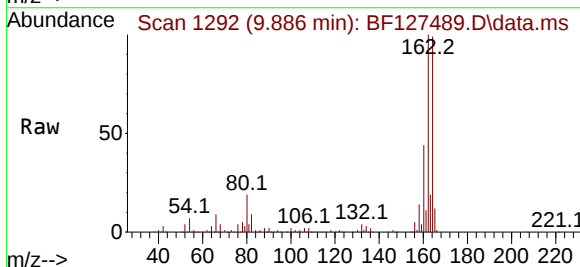
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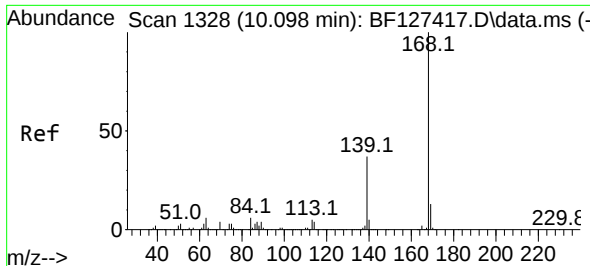
Tgt Ion:172 Resp: 797143
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.853 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

Tgt Ion:165 Resp: 24013
Ion Ratio Lower Upper
165 100
63 1.1 58.3 87.5#
89 1.1 51.5 77.3#

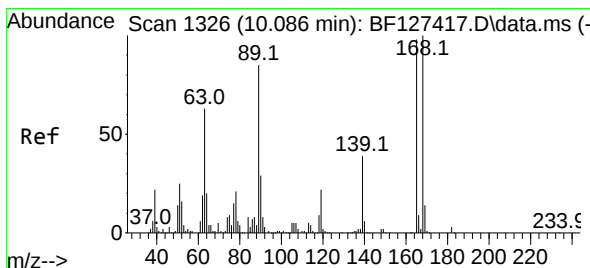
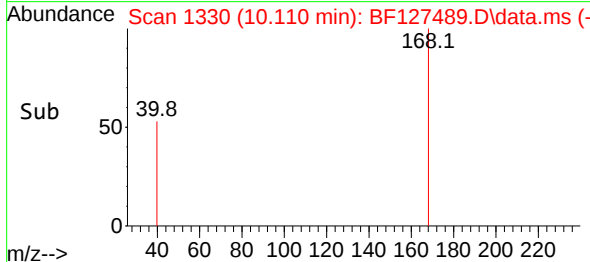
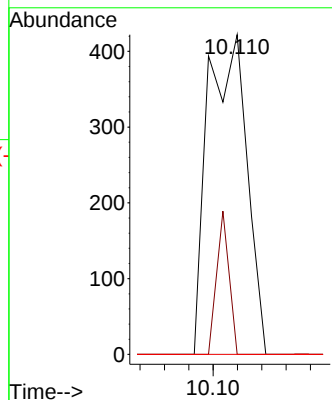
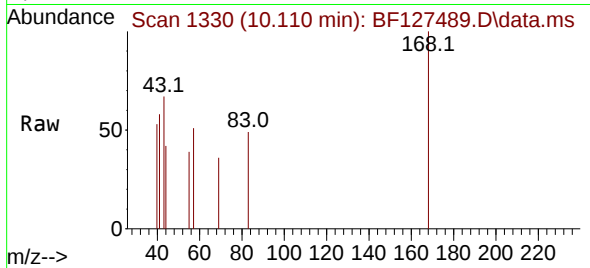




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.110 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

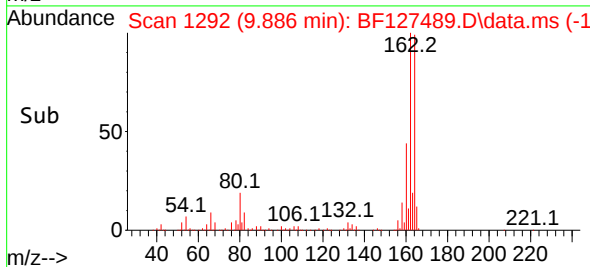
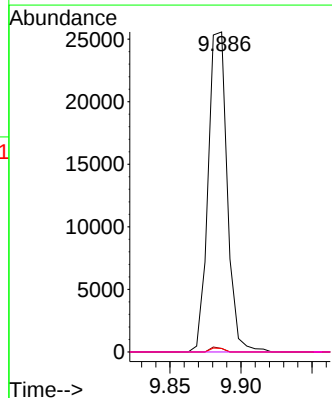
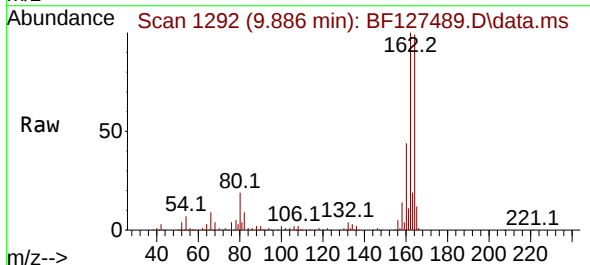
Instrument :
BNA_F
ClientSampleId :
WC-4-2-(10-10.5)

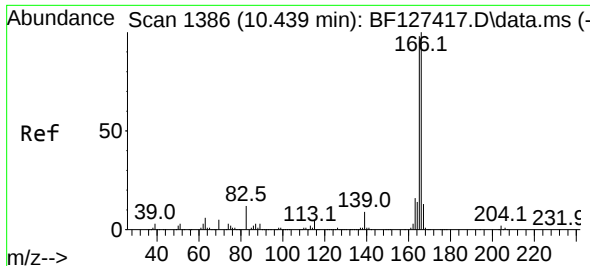
Tgt Ion:168 Resp: 470
Ion Ratio Lower Upper
168 100
139 0.0 30.3 45.5#
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.878 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

Tgt Ion:165 Resp: 24013
Ion Ratio Lower Upper
165 100
63 1.1 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#

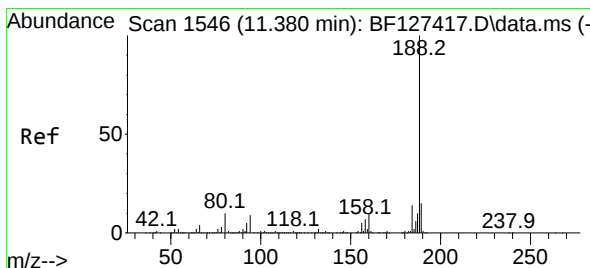
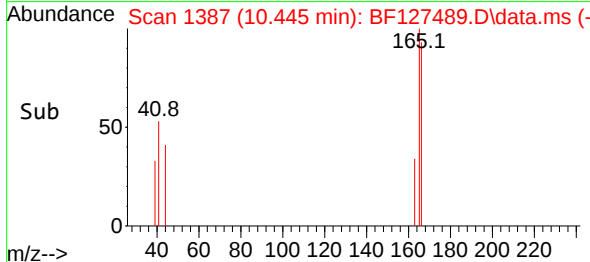
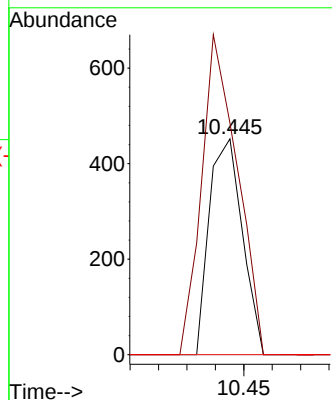
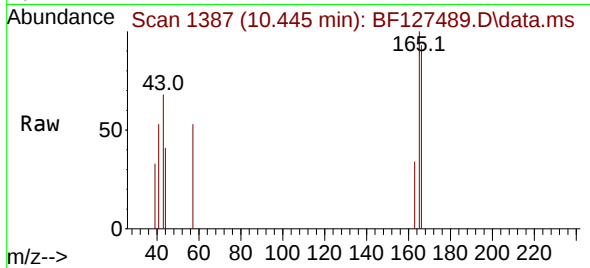




#58
Fluorene
Concen: Below Cal
RT: 10.445 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

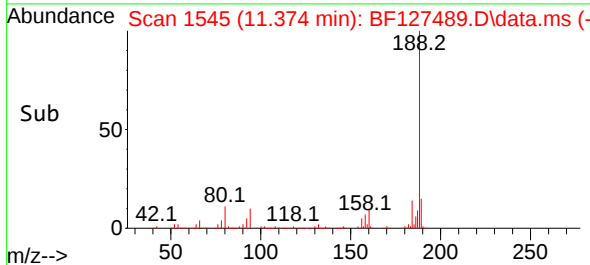
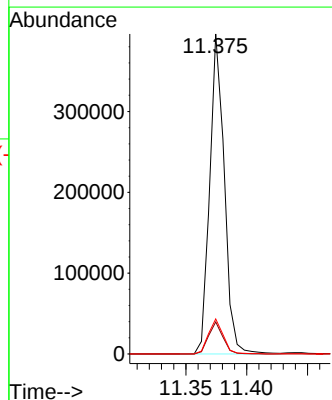
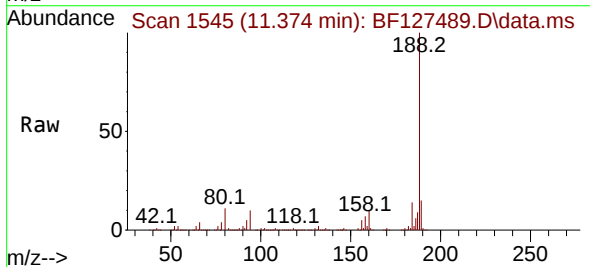
Instrument :
BNA_F
ClientSampleId :
WC-4-2-(10-10.5)

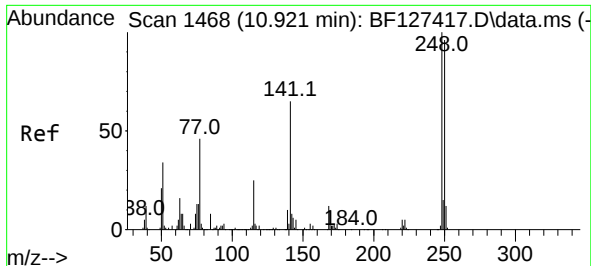
Tgt Ion:166 Resp: 366
Ion Ratio Lower Upper
166 100
165 107.3 78.1 117.1
167 0.0 10.5 15.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

Tgt Ion:188 Resp: 330943
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.0
80 10.9 8.0 12.0

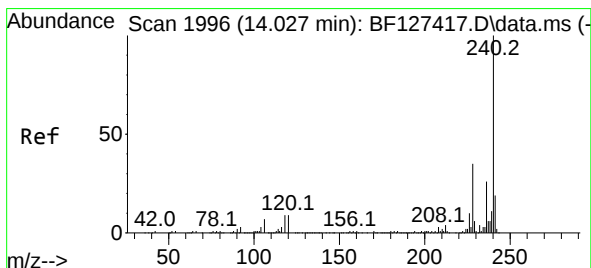
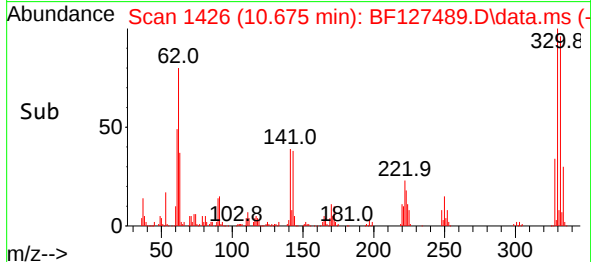
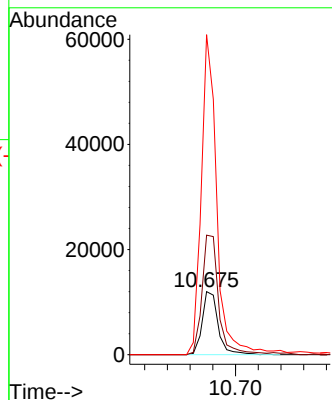
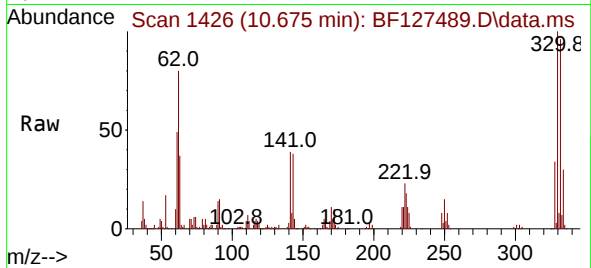




#67
4-Bromophenyl-phenylether
Concen: 3.029 ng
RT: 10.675 min Scan# 1468
Delta R.T. -0.247 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

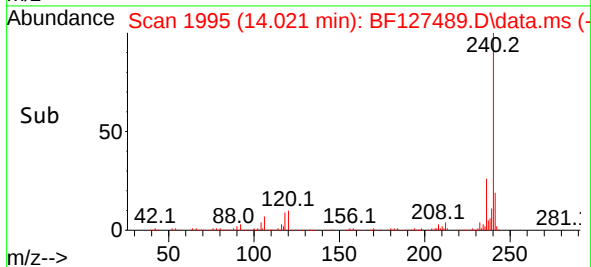
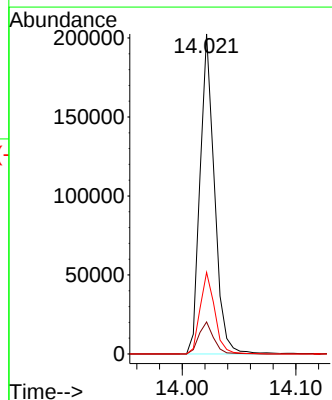
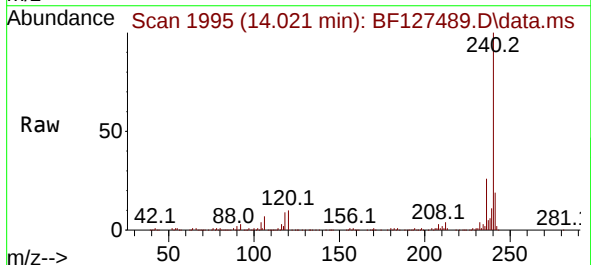
Instrument :
BNA_F
ClientSampleId :
WC-4-2-(10-10.5)

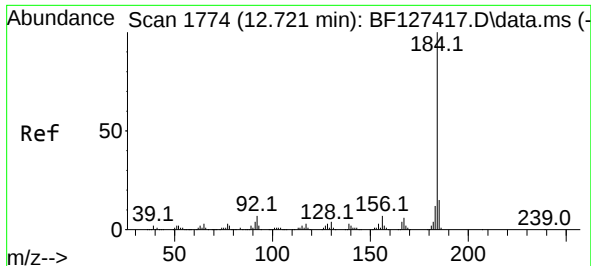
Tgt Ion:248 Resp: 11703
Ion Ratio Lower Upper
248 100
250 189.6 76.6 115.0#
141 507.7 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

Tgt Ion:240 Resp: 178541
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 25.5 20.7 31.1

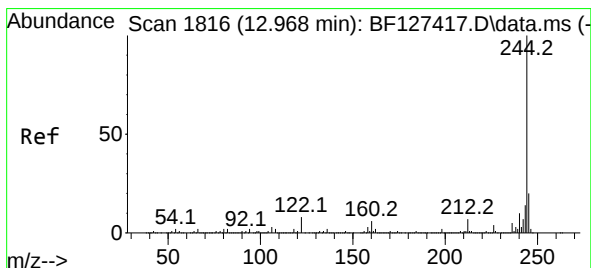
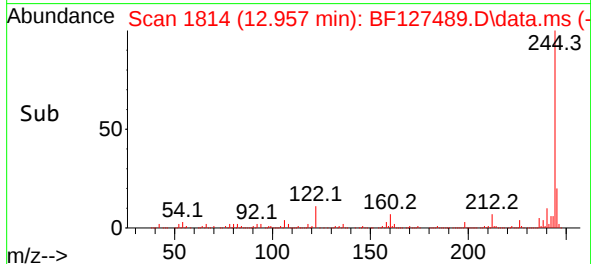
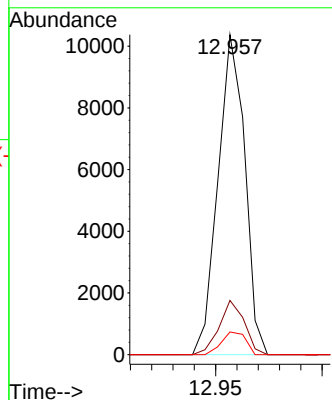
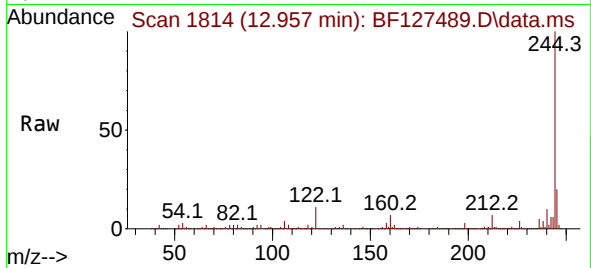




#77
Benzidine
Concen: 2.130 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.235 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

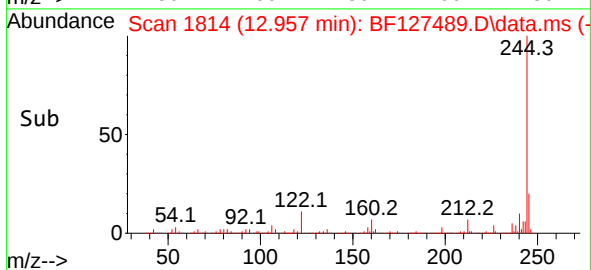
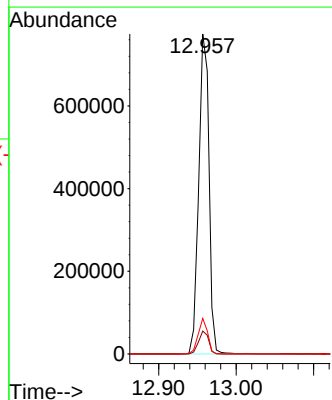
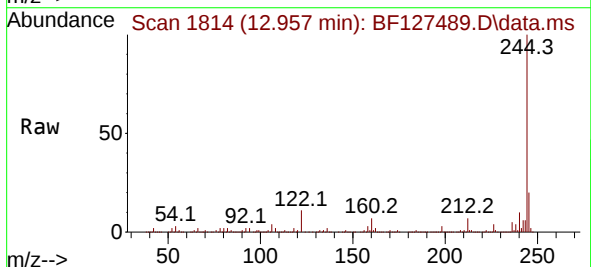
Instrument :
BNA_F
ClientSampleId :
WC-4-2-(10-10.5)

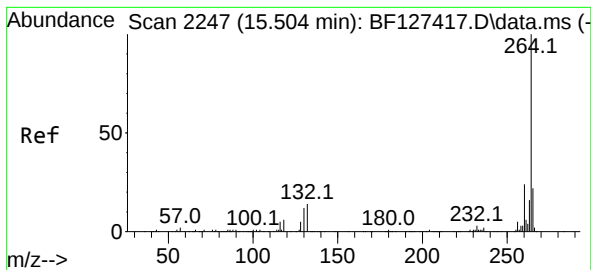
Tgt Ion:184 Resp: 9068
Ion Ratio Lower Upper
184 100
185 16.9 12.2 18.2
183 7.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 65.264 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF127489.D
Acq: 23 Mar 2022 19:19

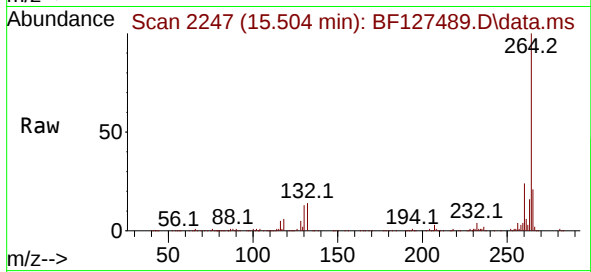
Tgt Ion:244 Resp: 711795
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.1 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127489.D
 Acq: 23 Mar 2022 19:19

Instrument :
 BNA_F
 ClientSampleId :
 WC-4-2-(10-10.5)



Tgt Ion:264 Resp: 184044
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.1 28.7
 265 21.3 17.4 26.2

