

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
 Data File : BF127455.D
 Acq On : 22 Mar 2022 16:51
 Operator : CG\JU
 Sample : N1908-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Mar 23 03:01:39 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)

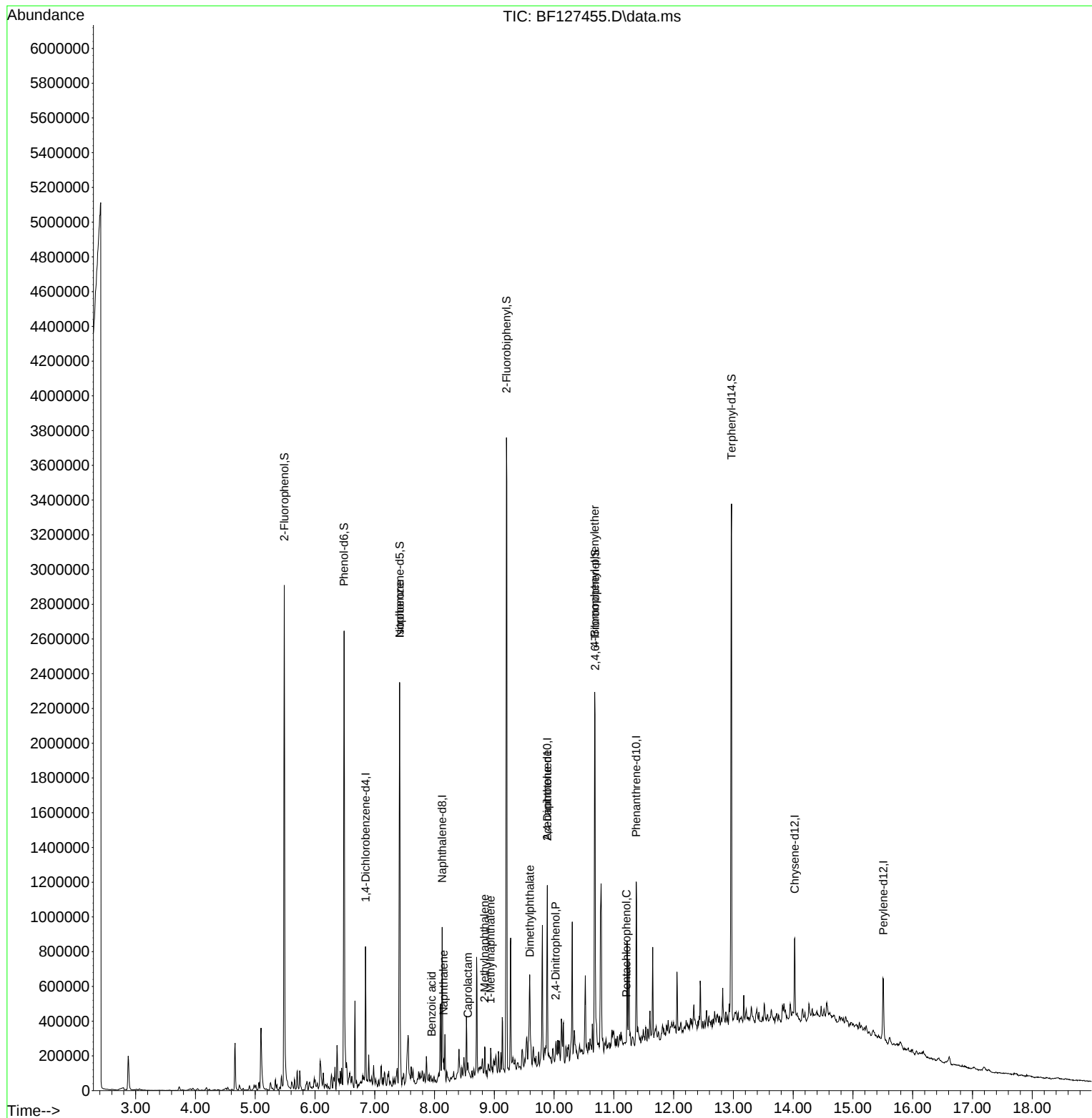
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	85901	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	329770	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	194921	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	332395	20.000	ng	0.00
76) Chrysene-d12	14.027	240	178408	20.000	ng	0.00
86) Perylene-d12	15.510	264	178680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	752161	139.767	ng	0.02
7) Phenol-d6	6.487	99	947024	128.740	ng	0.00
23) Nitrobenzene-d5	7.416	82	753134	97.623	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	308128	148.395	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1283969	96.187	ng	0.00
79) Terphenyl-d14	12.969	244	1189923	109.184	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	2295	Below Cal	#	1
25) Isophorone	7.416	82	751756	61.182	ng	# 70
31) Naphthalene	8.151	128	35269	2.014	ng	99
32) Benzoic acid	7.951	122	1373	6.492	ng	# 75
35) Caprolactam	8.557	113	3400	2.093	ng	# 1
37) 2-Methylnaphthalene	8.839	142	42342	3.761	ng	96
38) 1-Methylnaphthalene	8.939	142	36237	3.255	ng	95
50) Dimethylphthalate	9.598	163	53803	3.968	ng	97
54) 2,4-Dinitrophenol	10.028	184	950	9.290	ng	# 1
55) Dibenzofuran	10.092	168	3348	Below Cal	#	32
57) 2,4-Dinitrotoluene	9.886	165	27748	7.573	ng	# 15
58) Fluorene	10.433	166	4001	Below Cal	#	82
67) 4-Bromophenyl-phenylether	10.680	248	19713	5.080	ng	# 1
70) Pentachlorophenol	11.210	266	71	6.781	ng	# 20

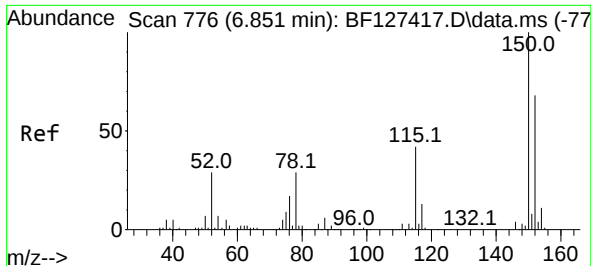
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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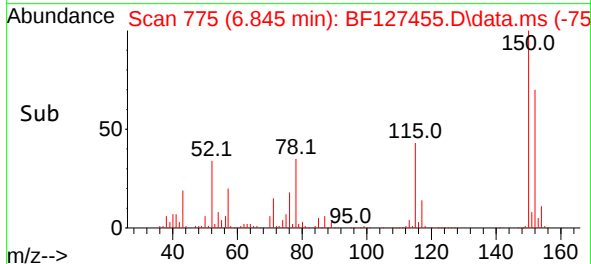
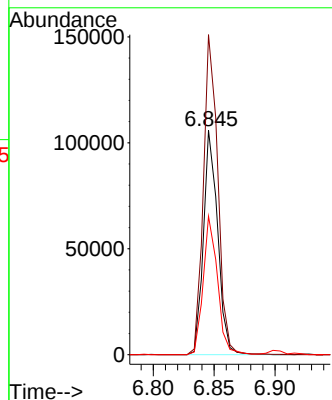
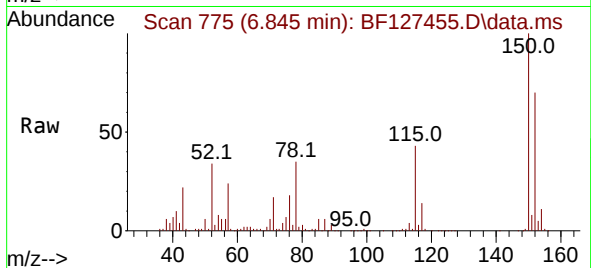




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

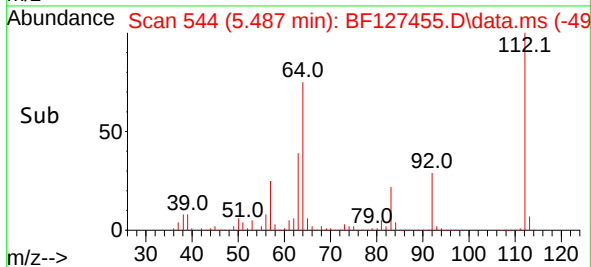
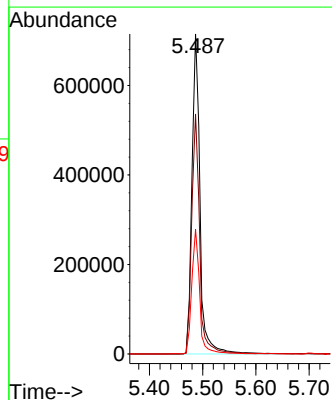
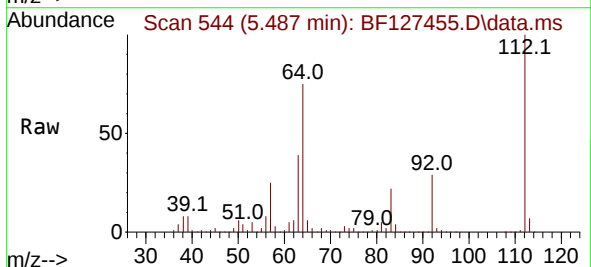
Instrument :
BNA_F
ClientSampleId :
WC-14A-1b

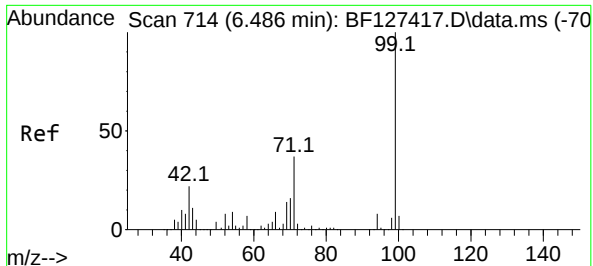
Tgt Ion:152 Resp: 85901
Ion Ratio Lower Upper
152 100
150 142.7 117.2 175.8
115 61.7 49.8 74.6



#5
2-Fluorophenol
Concen: 139.767 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

Tgt Ion:112 Resp: 752161
Ion Ratio Lower Upper
112 100
64 75.0 58.4 87.6
63 38.9 30.1 45.1

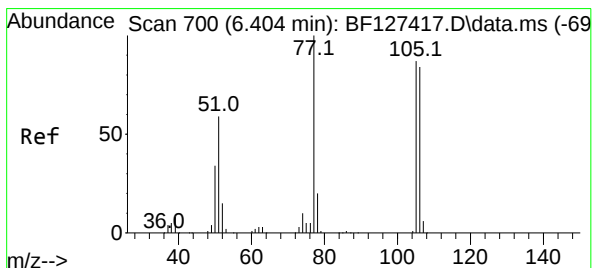
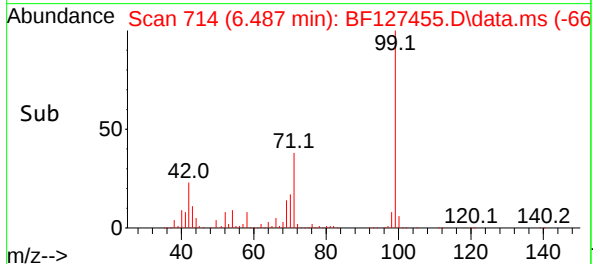
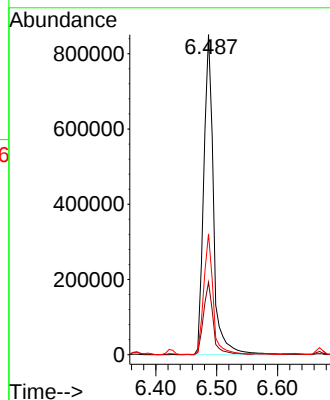
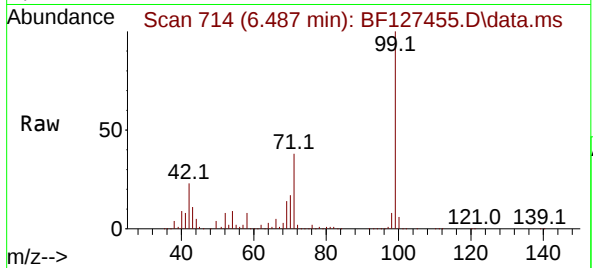




#7
Phenol-d6
Concen: 128.740 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

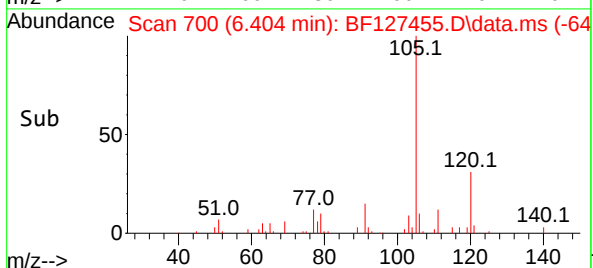
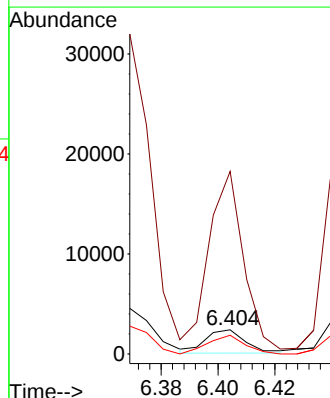
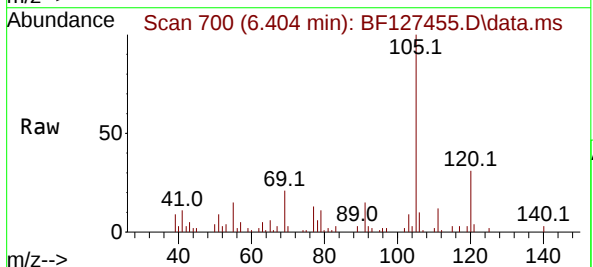
Instrument :
BNA_F
ClientSampleId :
WC-14A-1b

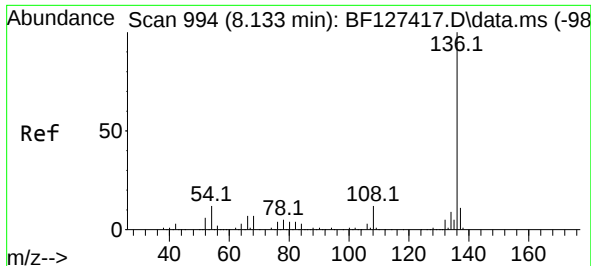
Tgt Ion: 99 Resp: 947024
Ion Ratio Lower Upper
99 100
42 22.7 17.8 26.6
71 37.8 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.404 min Scan# 700
Delta R.T. 0.000 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

Tgt Ion: 77 Resp: 2295
Ion Ratio Lower Upper
77 100
105 757.2 66.8 106.8#
106 77.9 64.3 104.3



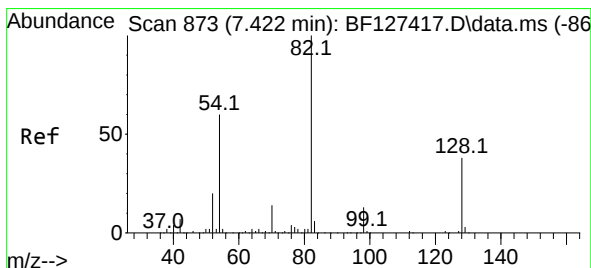
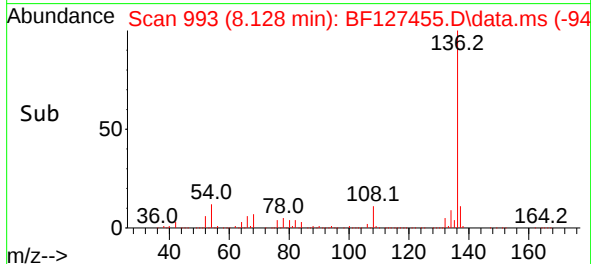
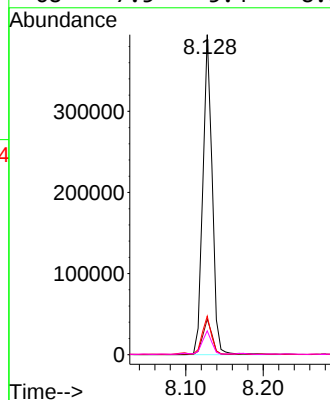
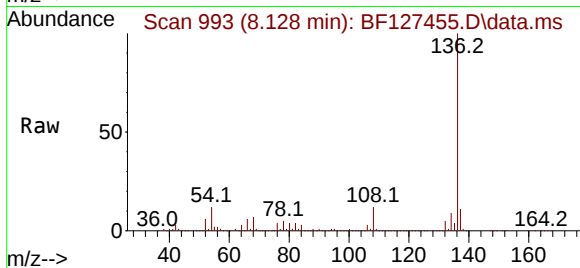


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

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

Tgt Ion:136 Resp: 329770

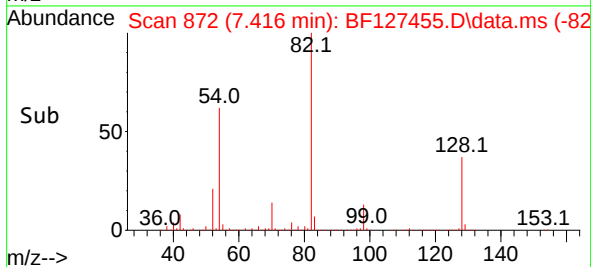
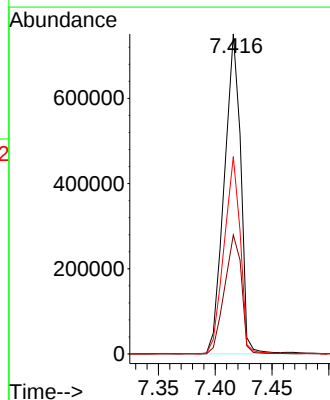
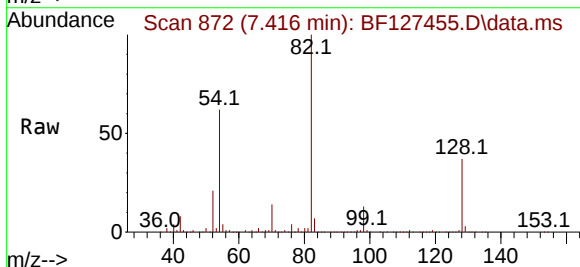
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	12.0	9.2	13.8
68	7.5	5.4	8.0

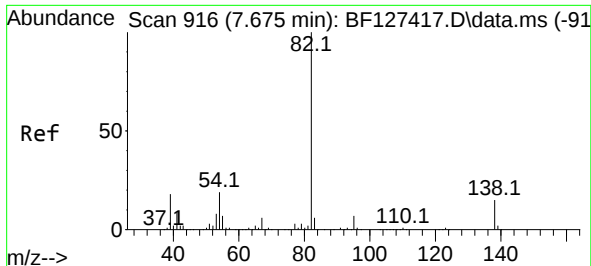


#23
Nitrobenzene-d5
Concen: 97.623 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

Tgt Ion: 82 Resp: 753134

Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.6	45.8
54	61.7	48.2	72.2

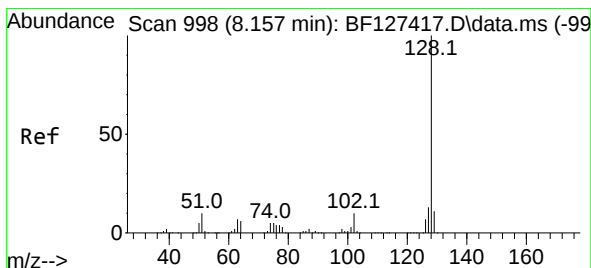
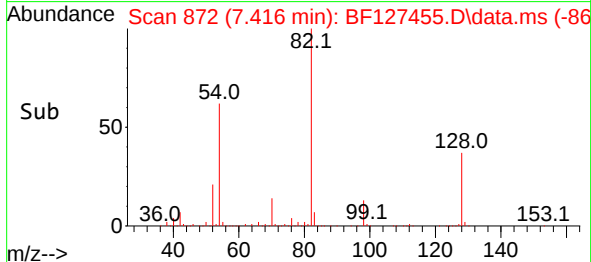
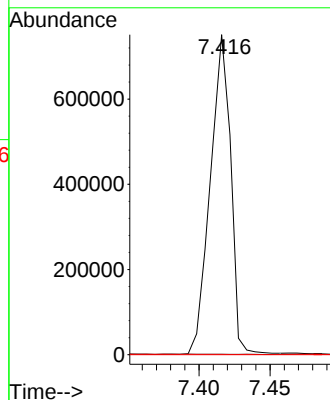
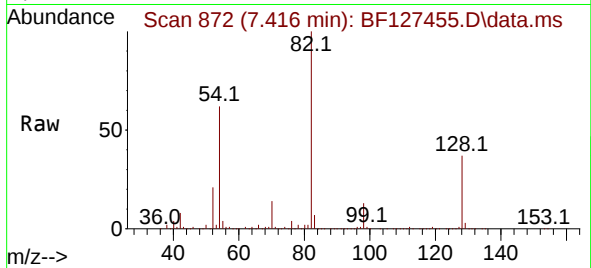




#25
Isophorone
Concen: 61.182 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

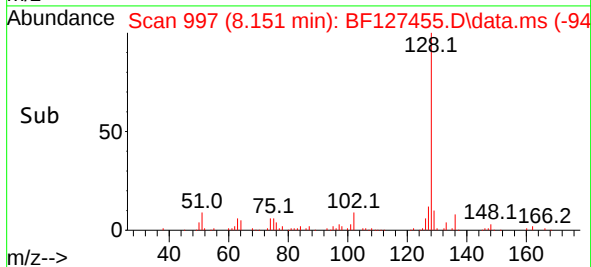
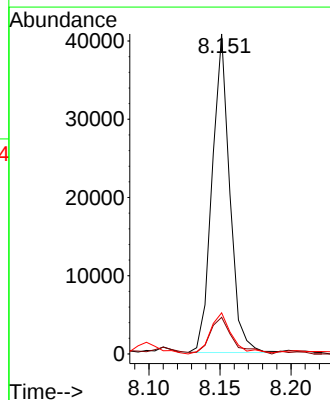
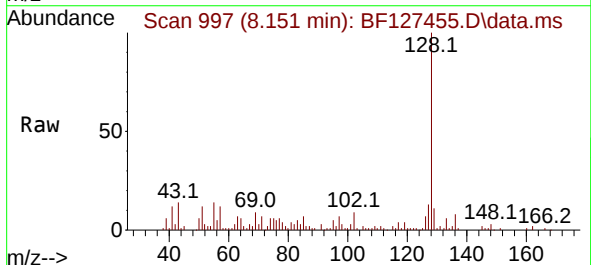
Instrument :
BNA_F
ClientSampleId :
WC-14A-1b

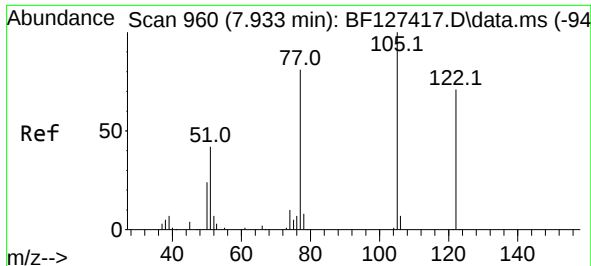
Tgt Ion: 82 Resp: 751756
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.8#
138 0.0 11.6 17.4#



#31
Naphthalene
Concen: 2.014 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

Tgt Ion:128 Resp: 35269
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 12.9 10.2 15.2

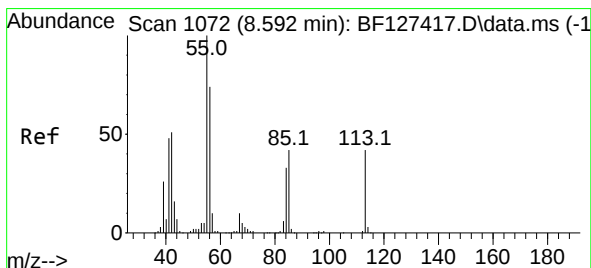
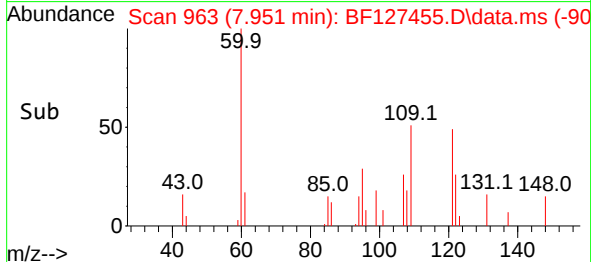
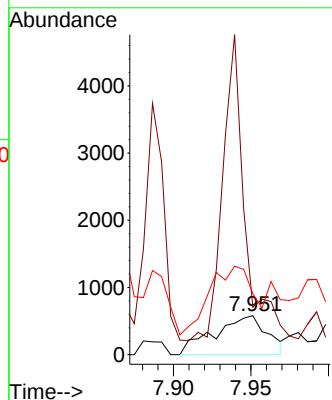
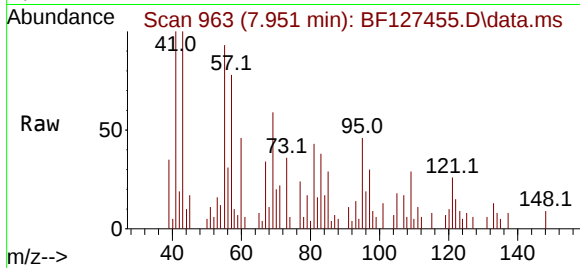




#32
Benzoic acid
Concen: 6.492 ng
RT: 7.951 min Scan# 90
Delta R.T. 0.018 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

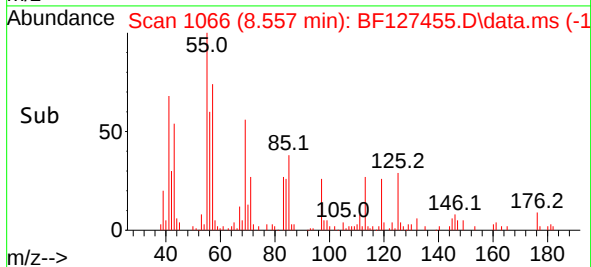
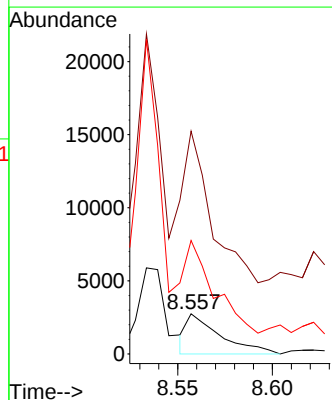
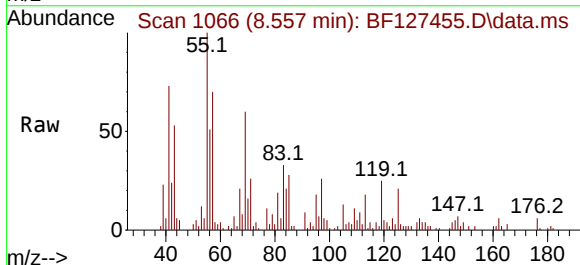
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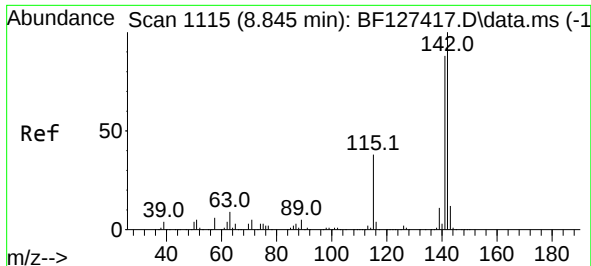
Tgt Ion:122 Resp: 1373
Ion Ratio Lower Upper
122 100
105 121.7 117.1 157.1
77 156.6 93.0 133.0#



#35
Caprolactam
Concen: 2.093 ng
RT: 8.557 min Scan# 1066
Delta R.T. -0.035 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

Tgt Ion:113 Resp: 3400
Ion Ratio Lower Upper
113 100
55 555.4 218.7 258.7#
56 283.0 156.2 196.2#

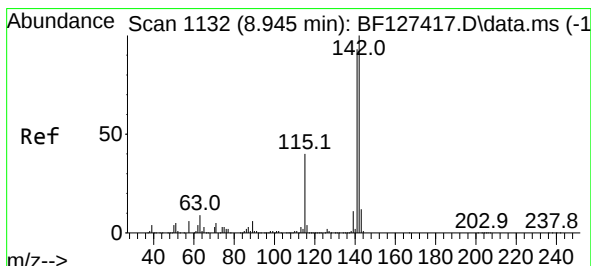
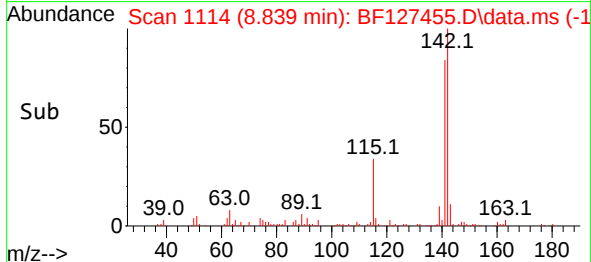
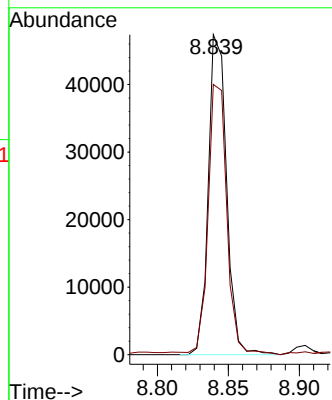
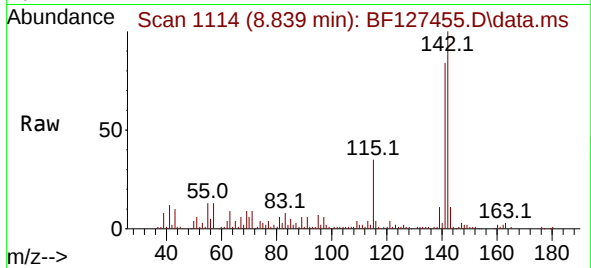




#37
2-Methylnaphthalene
Concen: 3.761 ng
RT: 8.839 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

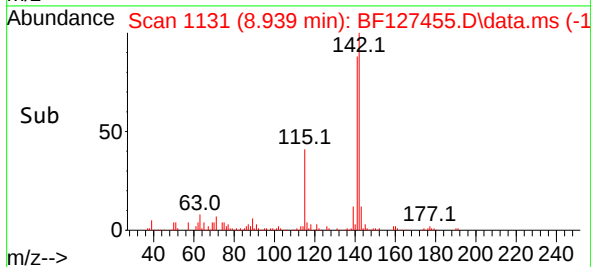
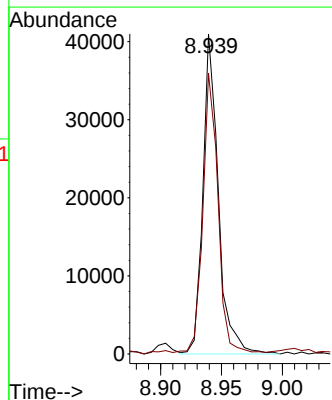
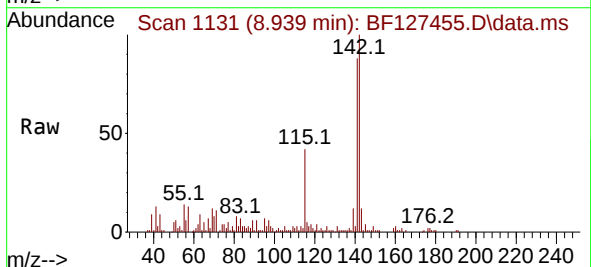
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ClientSampleId :
WC-14A-1b

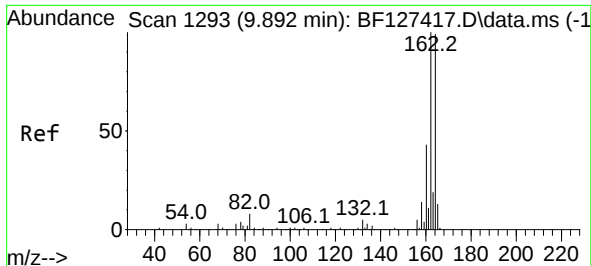
Tgt Ion:142 Resp: 42342
Ion Ratio Lower Upper
142 100
141 84.4 70.6 106.0



#38
1-Methylnaphthalene
Concen: 3.255 ng
RT: 8.939 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

Tgt Ion:142 Resp: 36237
Ion Ratio Lower Upper
142 100
141 87.6 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127455.D

Acq: 22 Mar 2022 16:51

Instrument :

BNA_F

ClientSampleId :

WC-14A-1b

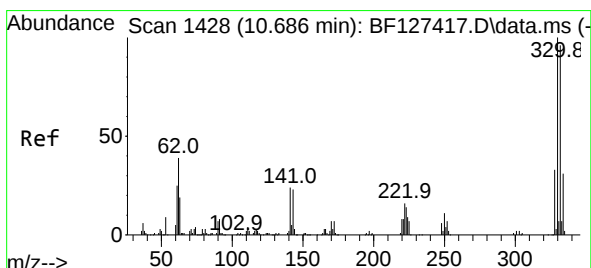
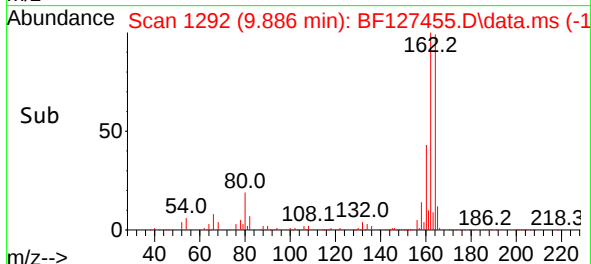
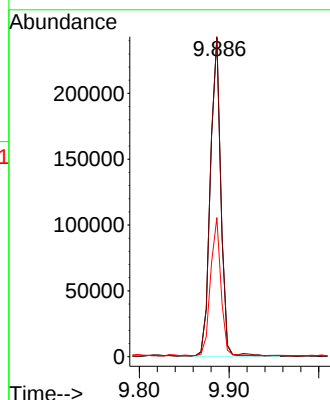
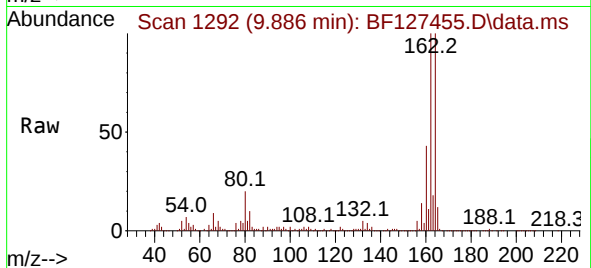
Tgt Ion:164 Resp: 194921

Ion Ratio Lower Upper

164 100

162 100.3 81.2 121.8

160 43.6 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 148.395 ng

RT: 10.686 min Scan# 1428

Delta R.T. 0.000 min

Lab File: BF127455.D

Acq: 22 Mar 2022 16:51

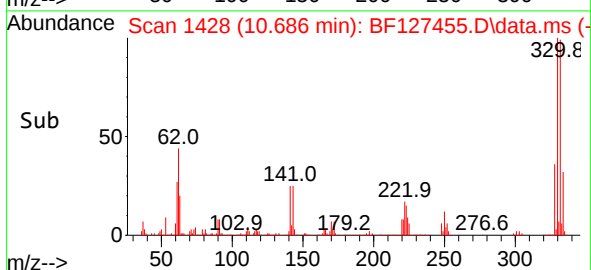
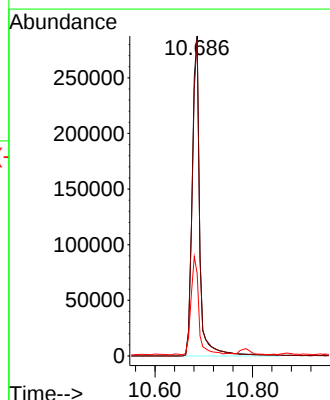
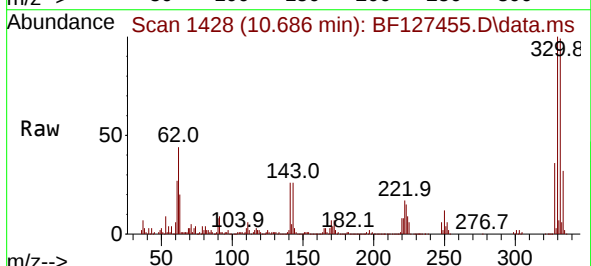
Tgt Ion:330 Resp: 308128

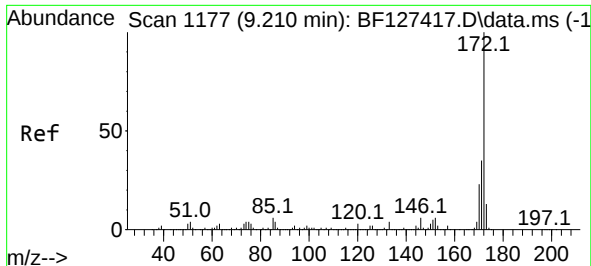
Ion Ratio Lower Upper

330 100

332 98.0 79.1 118.7

141 31.8 26.2 39.4

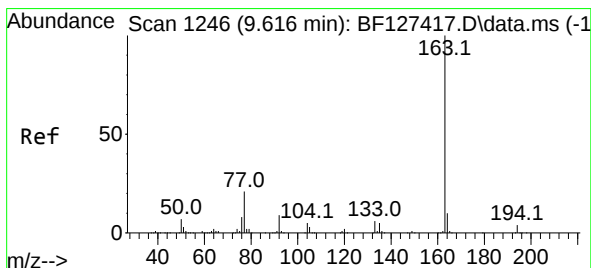
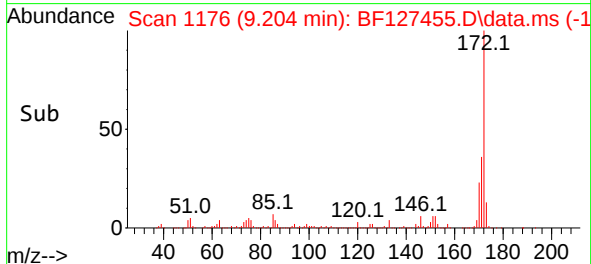
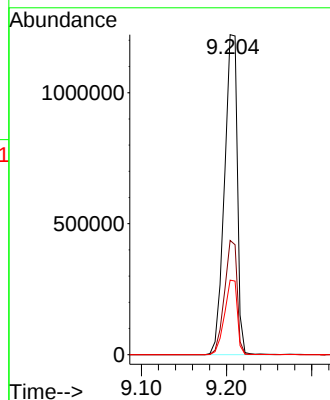
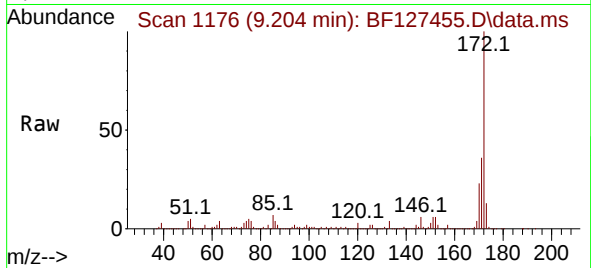




#45
2-Fluorobiphenyl
Concen: 96.187 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

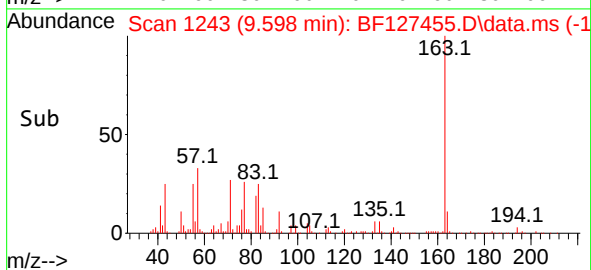
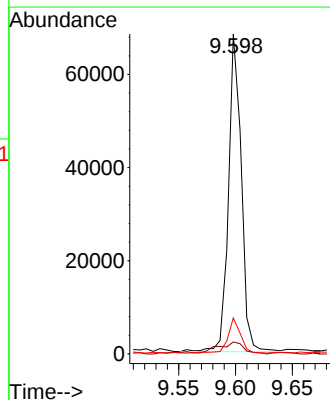
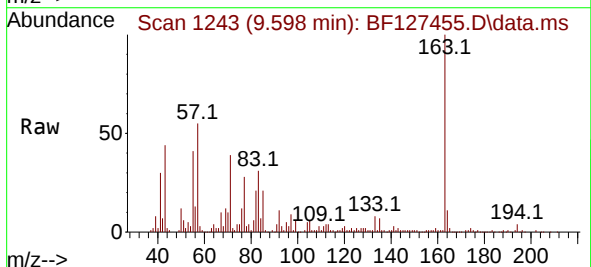
Instrument :
BNA_F
ClientSampleId :
WC-14A-1b

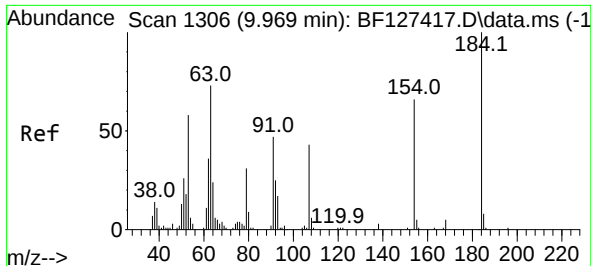
Tgt Ion:172 Resp: 1283969
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.3 18.6 27.8



#50
Dimethylphthalate
Concen: 3.968 ng
RT: 9.598 min Scan# 1243
Delta R.T. -0.018 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

Tgt Ion:163 Resp: 53803
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 11.2 7.8 11.8

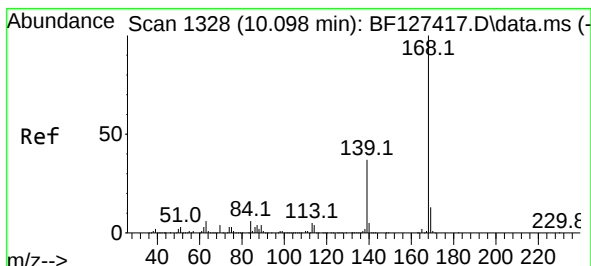
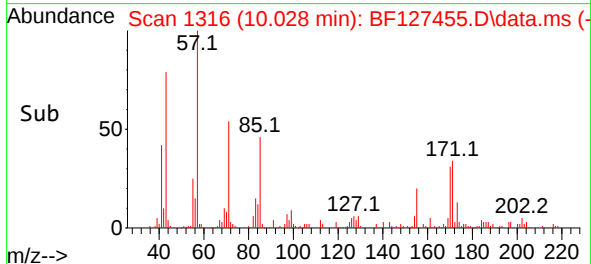
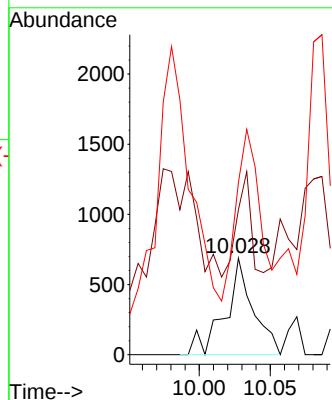
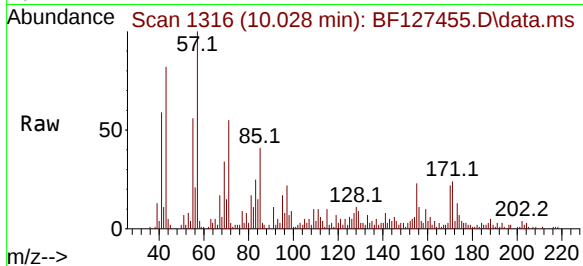




#54
2,4-Dinitrophenol
Concen: 9.290 ng
RT: 10.028 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

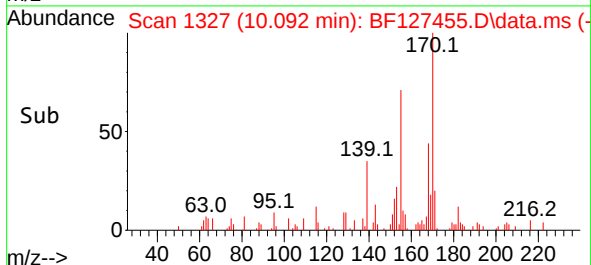
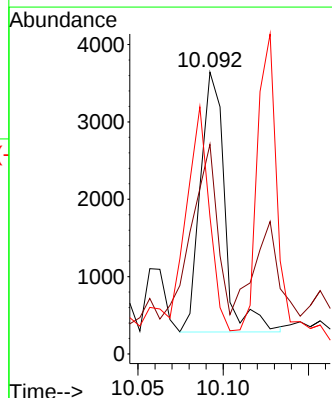
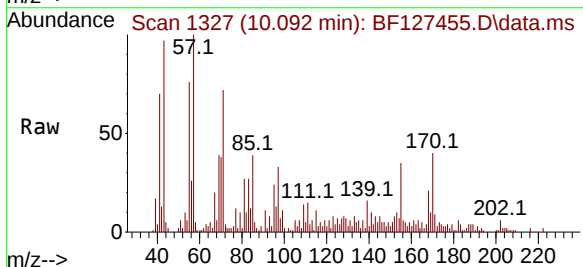
Instrument :
BNA_F
ClientSampleId :
WC-14A-1b

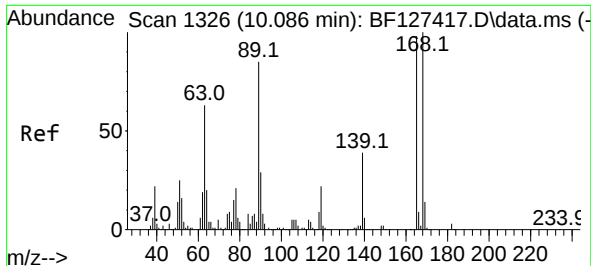
Tgt Ion:184 Resp: 950
Ion Ratio Lower Upper
184 100
63 150.3 58.1 87.1#
154 178.3 53.2 79.8#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.092 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

Tgt Ion:168 Resp: 3348
Ion Ratio Lower Upper
168 100
139 74.4 30.3 45.5#
169 48.7 10.8 16.2#

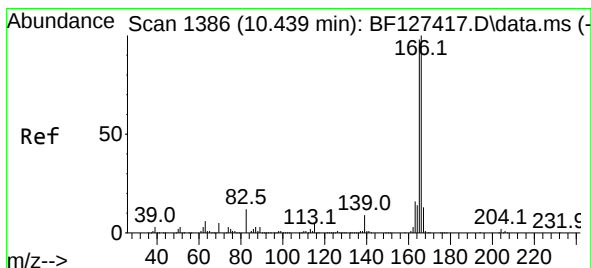
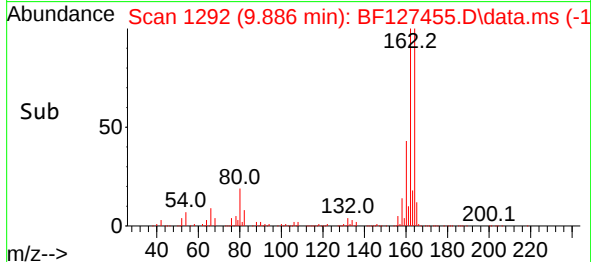
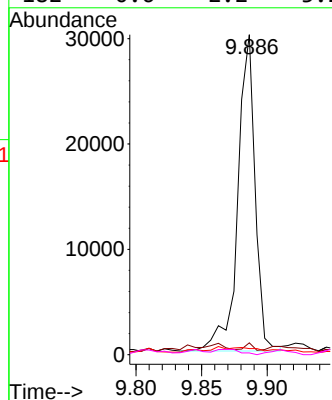
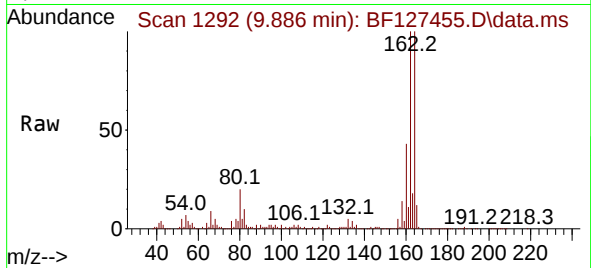




#57
2,4-Dinitrotoluene
Concen: 7.573 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

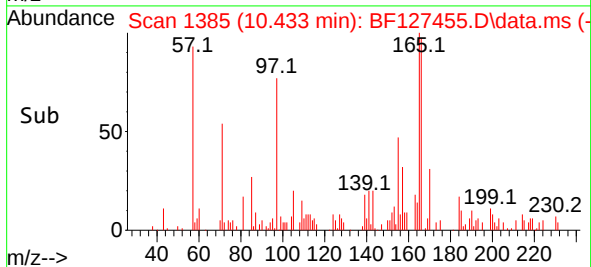
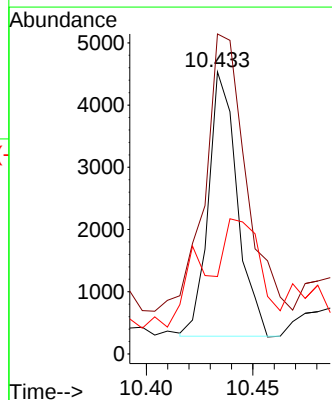
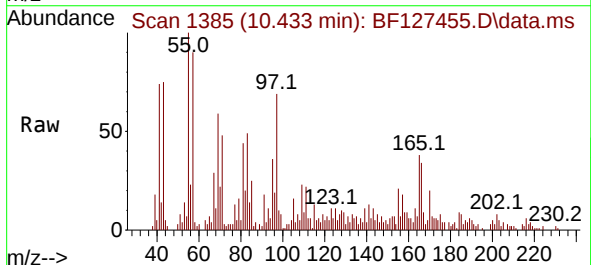
Instrument :
BNA_F
ClientSampleId :
WC-14A-1b

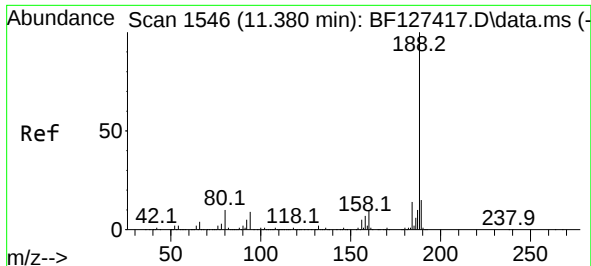
Tgt Ion:165 Resp: 27748
Ion Ratio Lower Upper
165 100
63 3.7 53.1 79.7#
89 1.9 69.2 103.8#
182 0.6 2.2 3.2#



#58
Fluorene
Concen: Below Cal
RT: 10.433 min Scan# 1385
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

Tgt Ion:166 Resp: 4001
Ion Ratio Lower Upper
166 100
165 113.5 78.1 117.1
167 27.4 10.5 15.7#

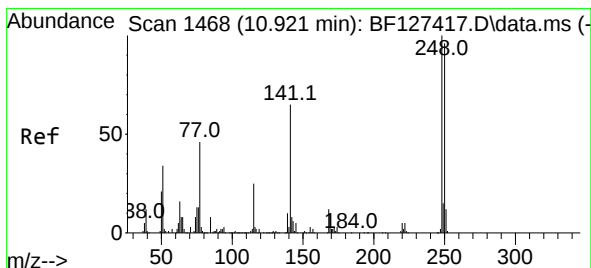
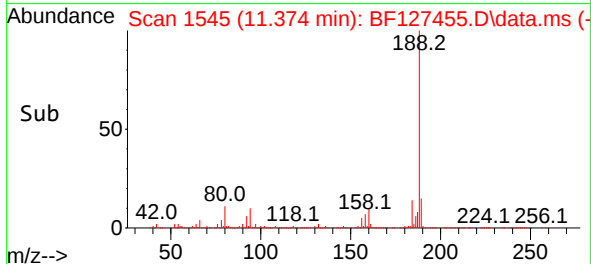
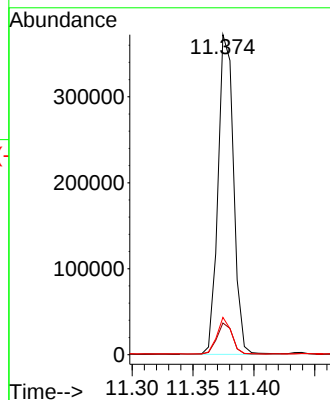
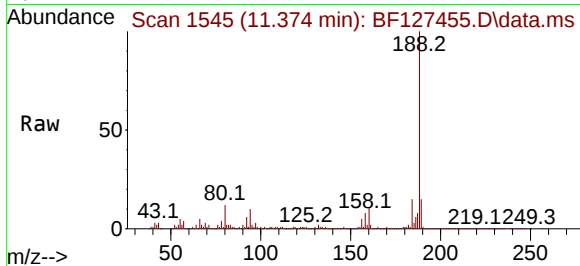




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

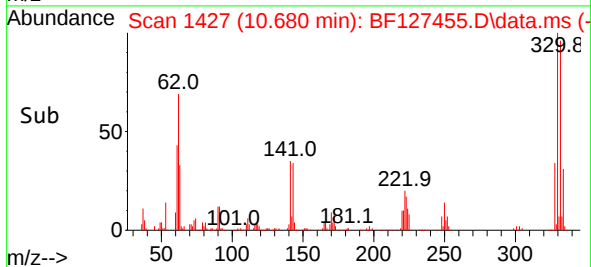
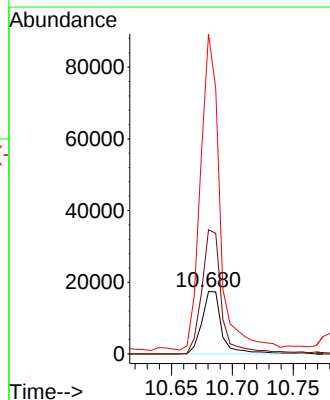
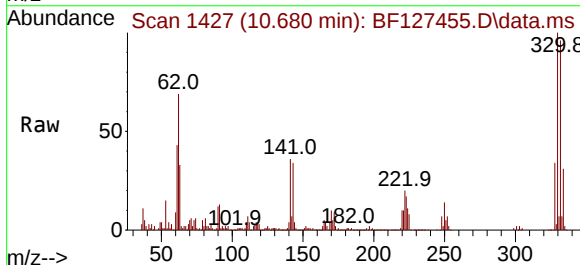
Instrument :
BNA_F
ClientSampleId :
WC-14A-1b

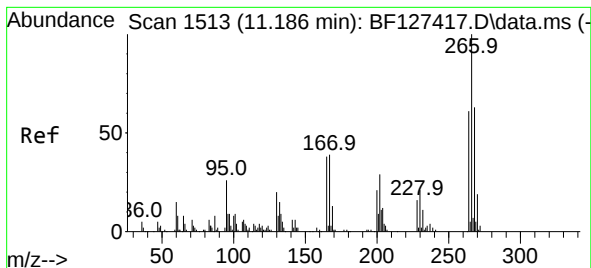
Tgt Ion:188 Resp: 332395
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 11.6 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 5.080 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF127455.D
Acq: 22 Mar 2022 16:51

Tgt Ion:248 Resp: 19713
Ion Ratio Lower Upper
248 100
250 198.9 76.6 115.0#
141 512.7 52.2 78.2#





#70

Pentachlorophenol

Concen: 6.781 ng

RT: 11.210 min Scan# 1517

Delta R.T. 0.024 min

Lab File: BF127455.D

Acq: 22 Mar 2022 16:51

Instrument :

BNA_F

ClientSampleId :

WC-14A-1b

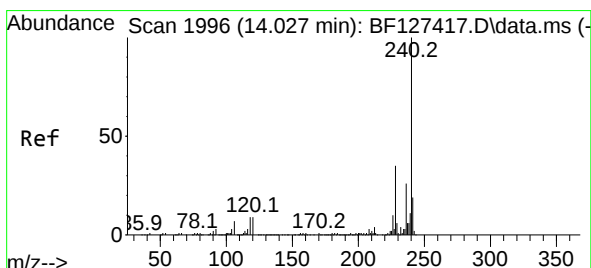
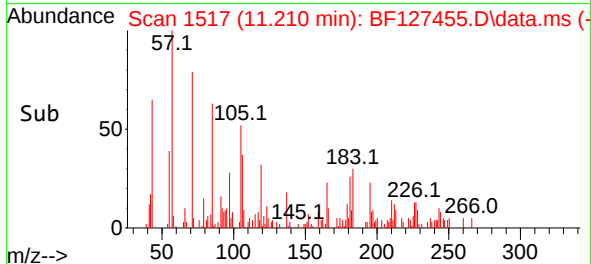
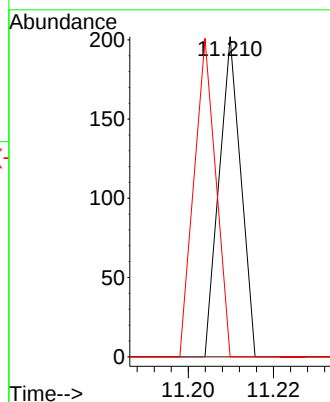
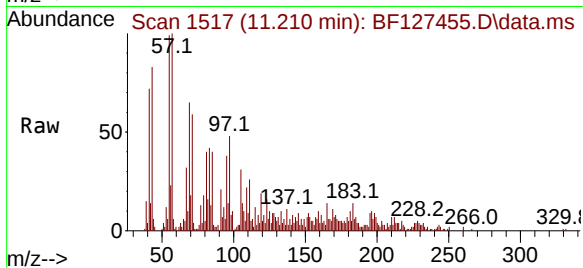
Tgt Ion:266 Resp: 71

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: BF127455.D

Acq: 22 Mar 2022 16:51

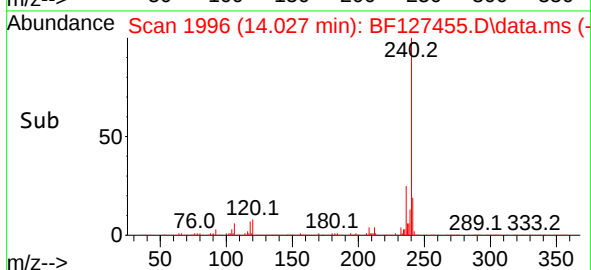
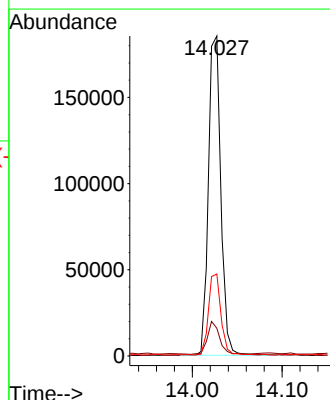
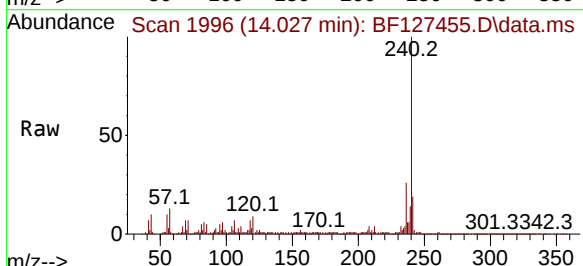
Tgt Ion:240 Resp: 178408

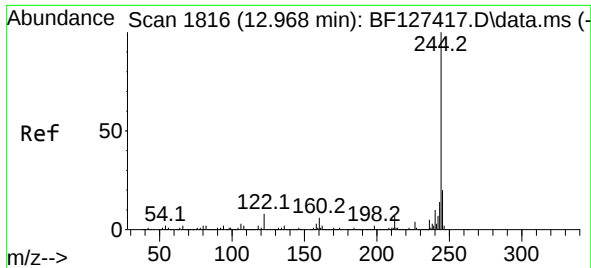
Ion Ratio Lower Upper

240 100

120 8.7 7.1 10.7

236 25.6 20.7 31.1

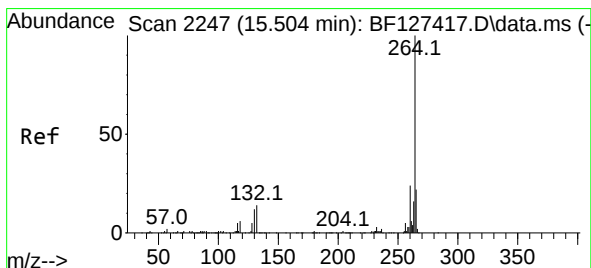
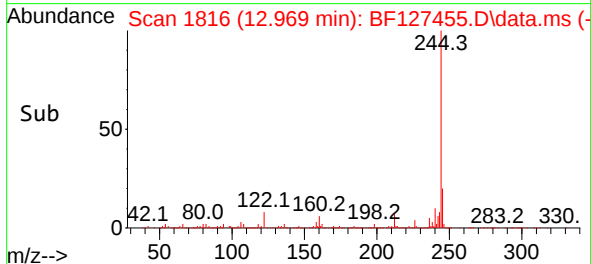
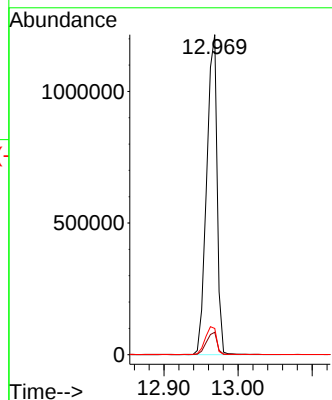
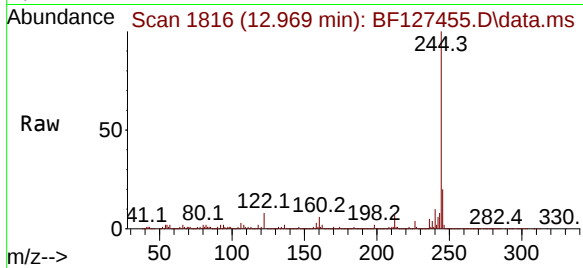




#79
 Terphenyl-d14
 Concen: 109.184 ng
 RT: 12.969 min Scan# 1816
 Delta R.T. 0.000 min
 Lab File: BF127455.D
 Acq: 22 Mar 2022 16:51

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

Tgt Ion:244 Resp: 1189923
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 8.2 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: BF127455.D
 Acq: 22 Mar 2022 16:51

Tgt Ion:264 Resp: 178680
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.2 17.4 26.2

