

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
 Data File : BF127462.D
 Acq On : 22 Mar 2022 20:14
 Operator : CG\JU
 Sample : N1908-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-9-2

Quant Time: Mar 23 03:02:38 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)

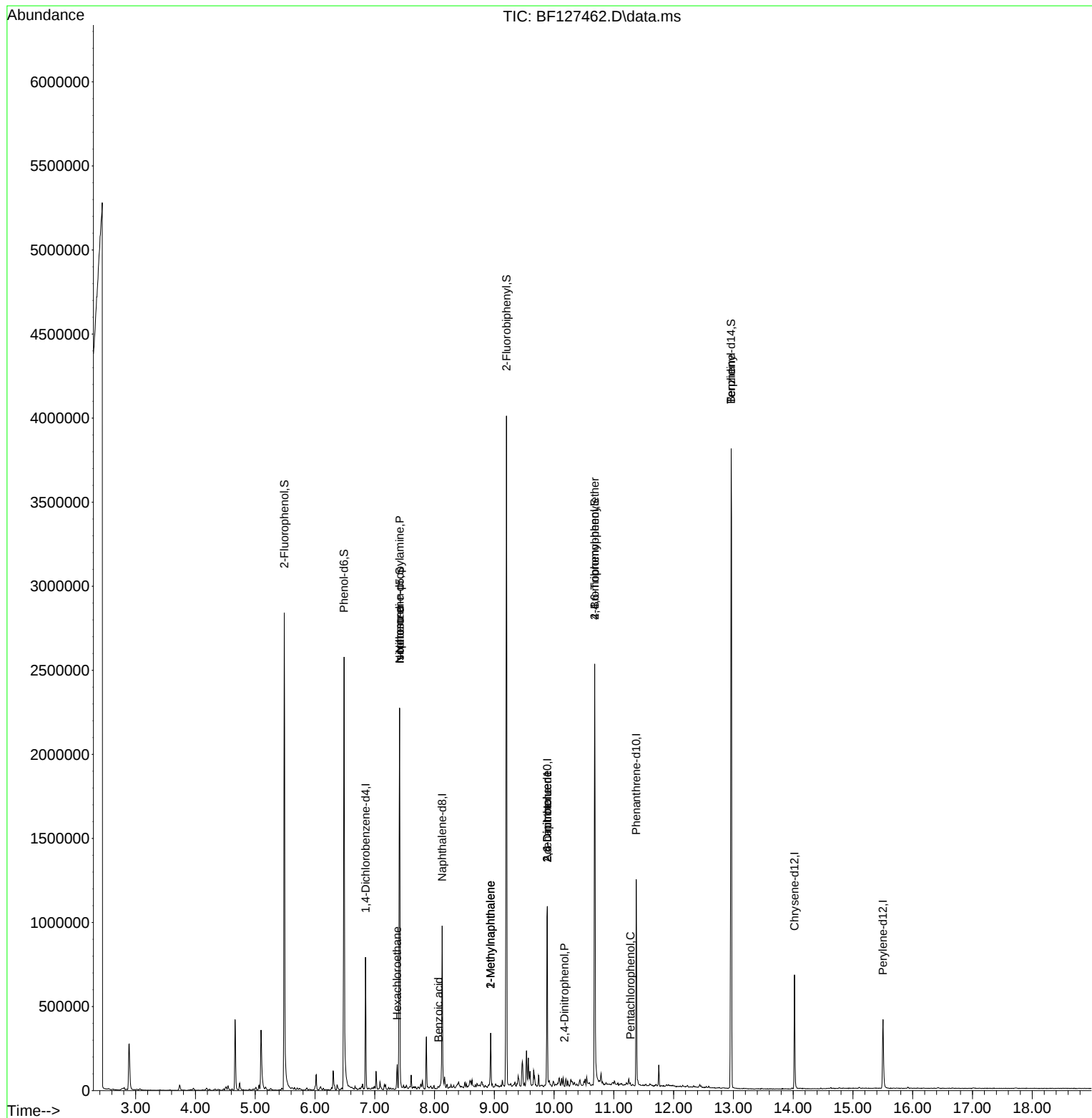
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	101168	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	373035	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	223556	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	413519	20.000	ng	0.00
76) Chrysene-d12	14.021	240	228730	20.000	ng	0.00
86) Perylene-d12	15.504	264	194260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	744784	117.511	ng	0.02
7) Phenol-d6	6.487	99	926789	106.976	ng	0.00
23) Nitrobenzene-d5	7.416	82	752175	86.191	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	324953	136.452	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1302311	85.065	ng	0.00
79) Terphenyl-d14	12.963	244	1549378	110.889	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.439	77	1172	Below Cal		92
18) Hexachloroethane	7.375	117	11819	4.406 ng	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	103122	19.858 ng	#	79
25) Isophorone	7.416	82	750190	53.973 ng	#	70
32) Benzoic acid	8.069	122	69	6.062 ng	#	14
37) 2-Methylnaphthalene	8.939	142	75417	5.922 ng		94
38) 1-Methylnaphthalene	8.939	142	75417	5.989 ng		99
51) 2,6-Dinitrotoluene	9.886	165	29540	9.048 ng	#	17
54) 2,4-Dinitrophenol	10.175	184	73	8.740 ng	#	47
55) Dibenzofuran	10.092	168	7016	Below Cal	#	91
57) 2,4-Dinitrotoluene	9.886	165	29540	7.030 ng	#	14
58) Fluorene	10.433	166	7976	Below Cal	#	93
67) 4-Bromophenyl-phenylether	10.680	248	21216	4.394 ng	#	1
70) Pentachlorophenol	11.280	266	115	6.793 ng	#	20
77) Benzidine	12.963	184	19646	3.602 ng	#	93

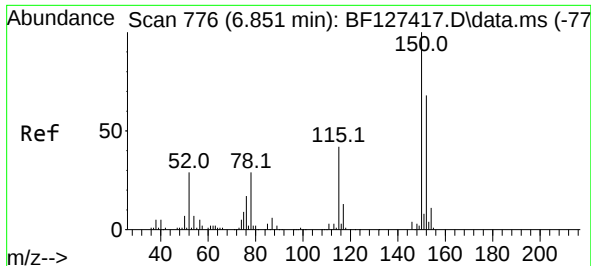
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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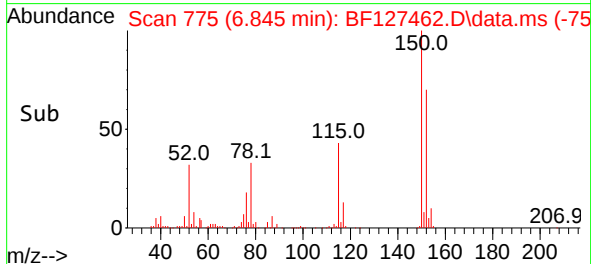
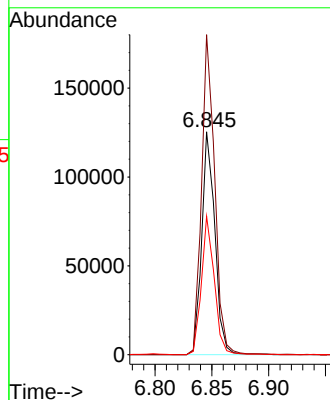
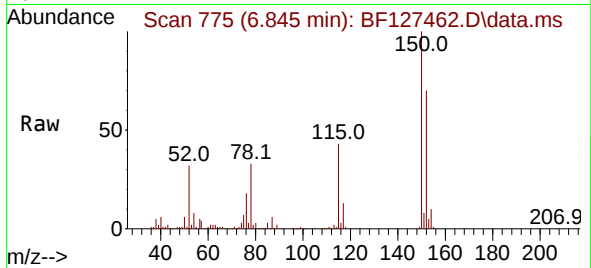




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

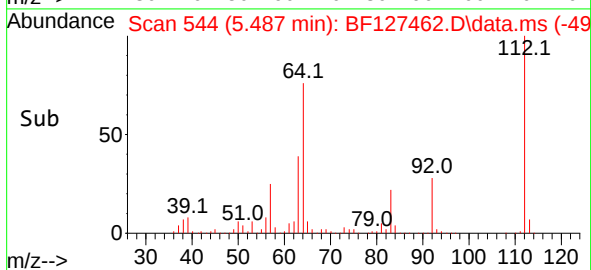
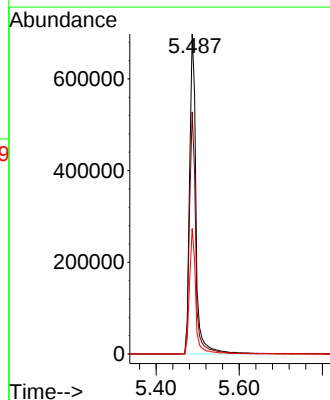
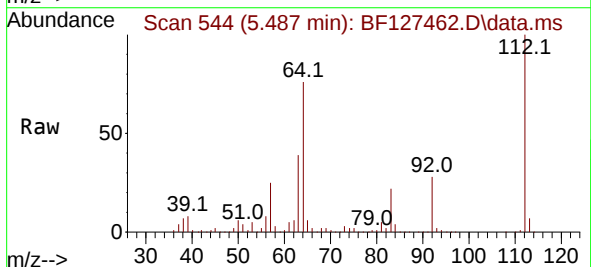
Instrument :
BNA_F
ClientSampleId :
WC-8-9-2

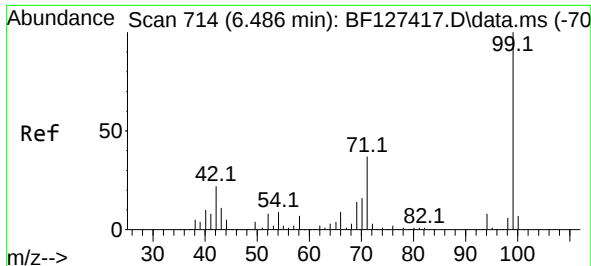
Tgt Ion:152 Resp: 101168
Ion Ratio Lower Upper
152 100
150 143.6 117.2 175.8
115 62.1 49.8 74.6



#5
2-Fluorophenol
Concen: 117.511 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

Tgt Ion:112 Resp: 744784
Ion Ratio Lower Upper
112 100
64 75.6 58.4 87.6
63 39.2 30.1 45.1

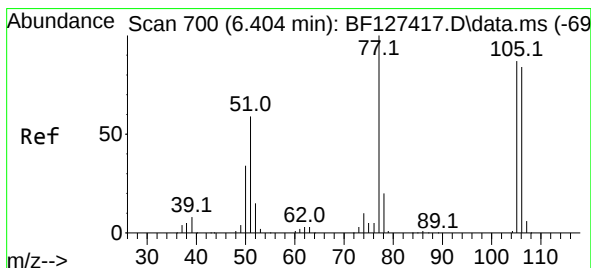
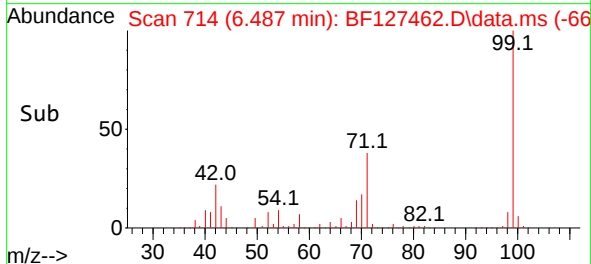
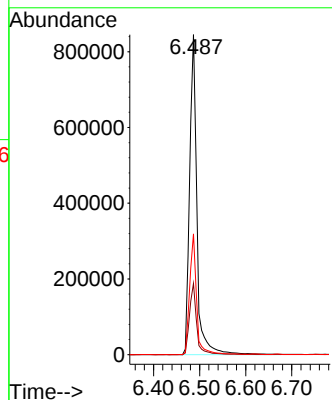
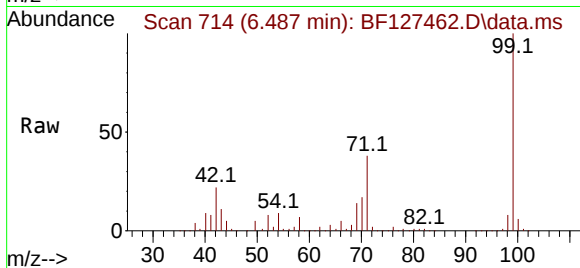




#7
Phenol-d6
Concen: 106.976 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

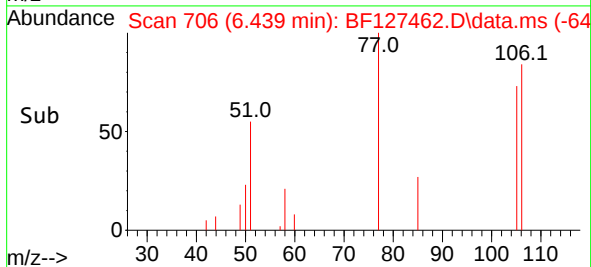
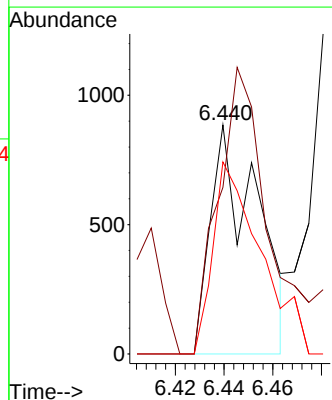
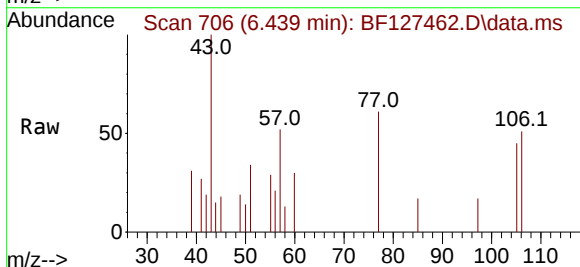
Instrument :
BNA_F
ClientSampleId :
WC-8-9-2

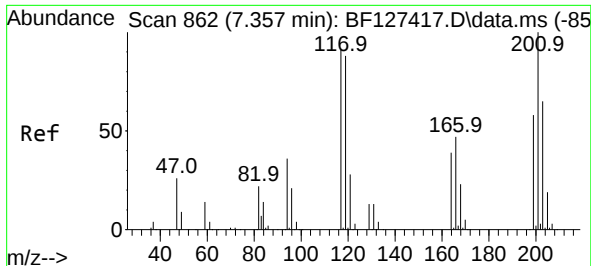
Tgt Ion: 99 Resp: 926789
Ion Ratio Lower Upper
99 100
42 22.2 17.8 26.6
71 37.8 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.439 min Scan# 706
Delta R.T. 0.035 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

Tgt Ion: 77 Resp: 1172
Ion Ratio Lower Upper
77 100
105 72.8 66.8 106.8
106 83.8 64.3 104.3

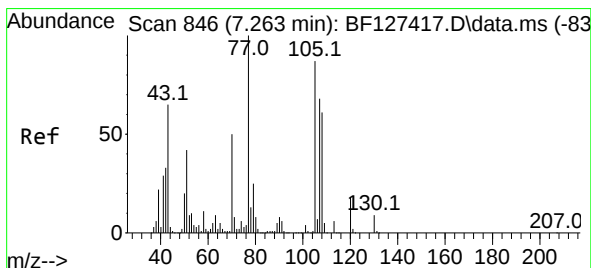
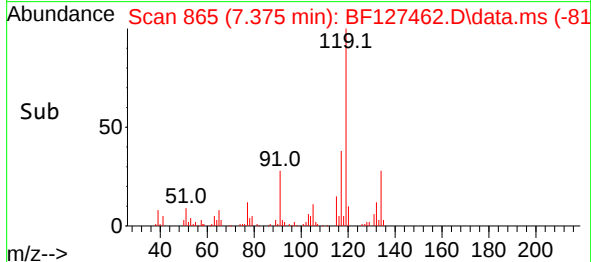
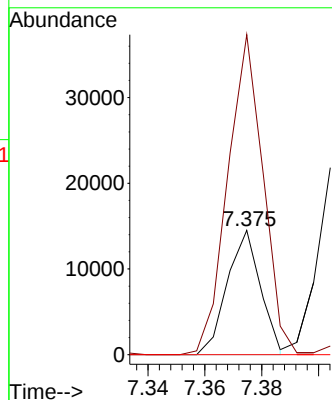
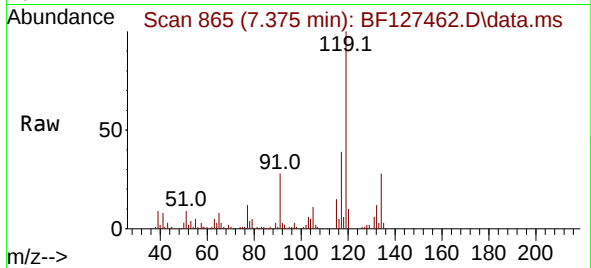




#18
Hexachloroethane
Concen: 4.406 ng
RT: 7.375 min Scan# 80
Delta R.T. 0.018 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

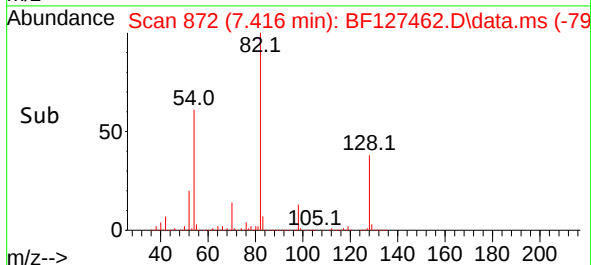
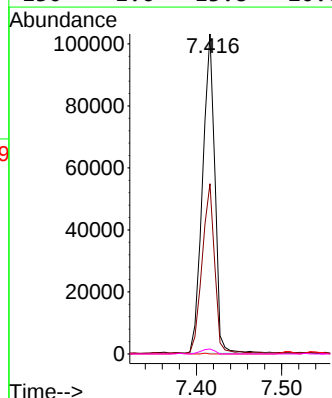
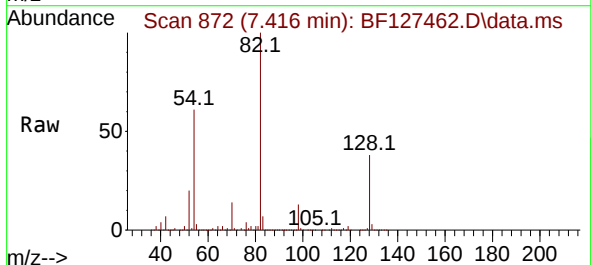
Instrument :
BNA_F
ClientSampleId :
WC-8-9-2

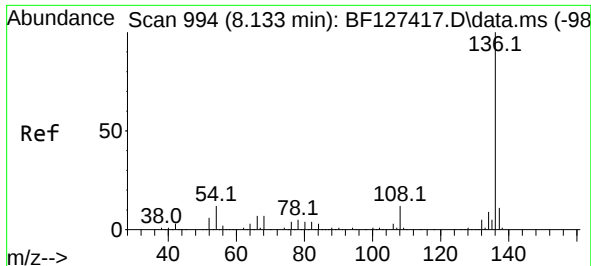
Tgt Ion:117 Resp: 11819
Ion Ratio Lower Upper
117 100
119 257.5 77.6 116.4#
201 0.0 88.2 132.2#



#19
n-Nitroso-di-n-propylamine
Concen: 19.858 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.153 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

Tgt Ion: 70 Resp: 103122
Ion Ratio Lower Upper
70 100
42 53.2 53.0 79.6
101 0.0 6.8 10.2#
130 1.6 13.8 20.6#

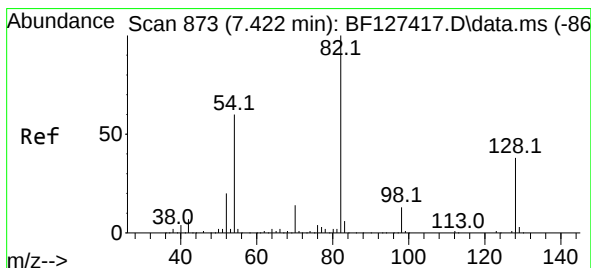
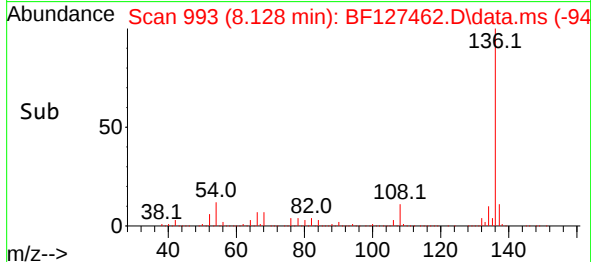
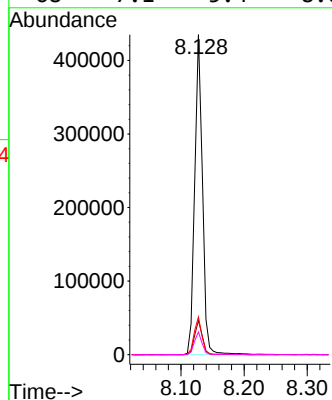
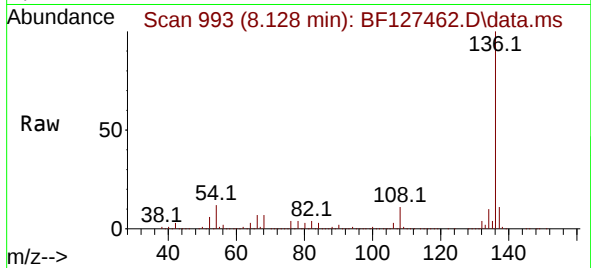




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

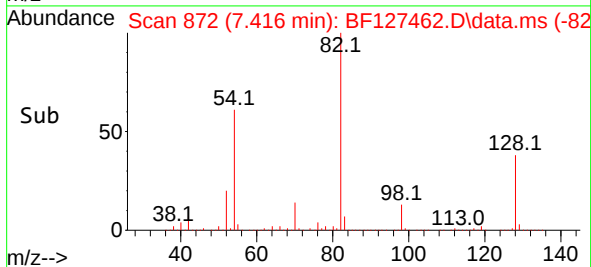
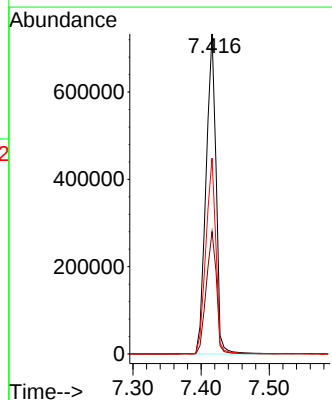
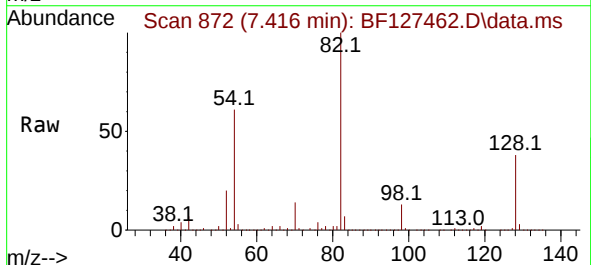
Instrument :
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ClientSampleId :
WC-8-9-2

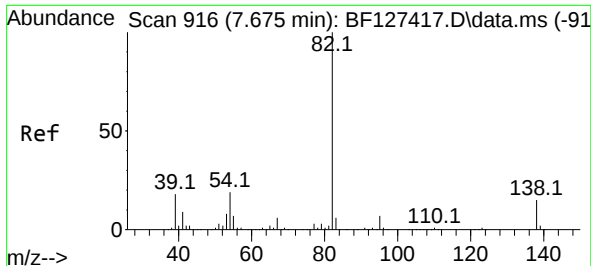
Tgt Ion:136 Resp: 373035
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 11.8 9.2 13.8
68 7.1 5.4 8.0



#23
Nitrobenzene-d5
Concen: 86.191 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.006 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

Tgt Ion: 82 Resp: 752175
Ion Ratio Lower Upper
82 100
128 38.3 30.6 45.8
54 61.2 48.2 72.2

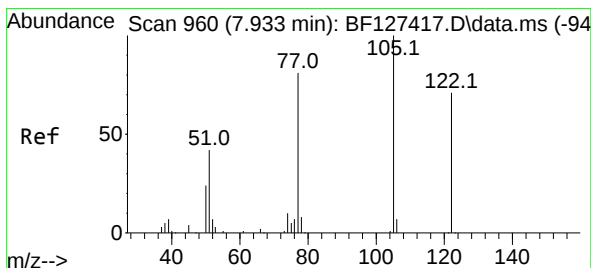
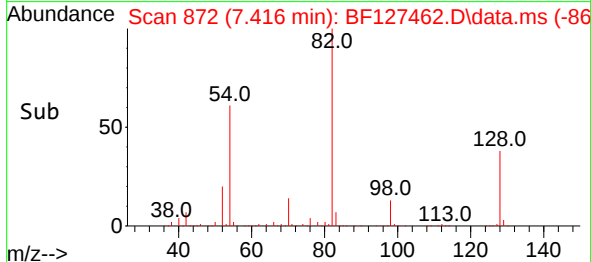
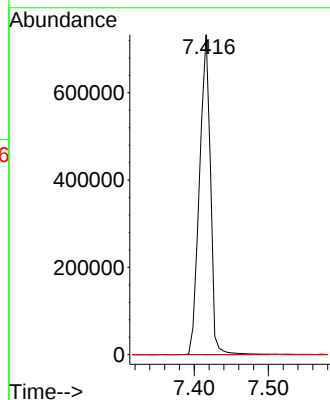
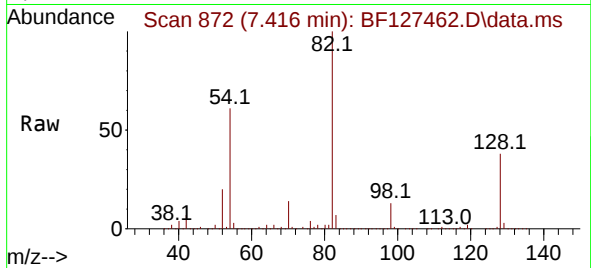




#25
Isophorone
Concen: 53.973 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

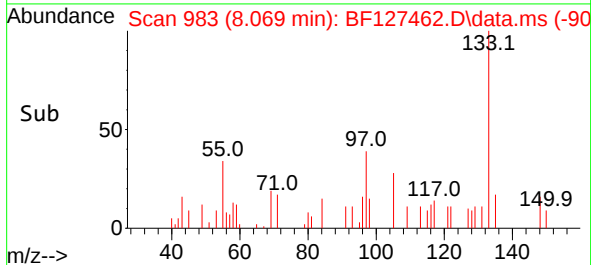
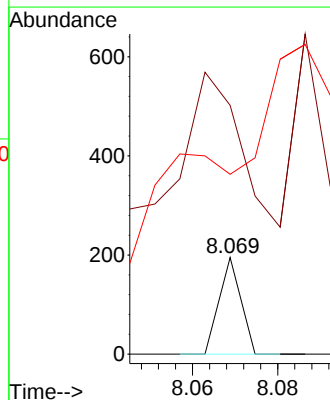
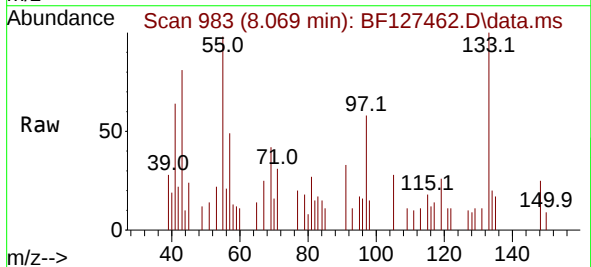
Instrument :
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ClientSampleId :
WC-8-9-2

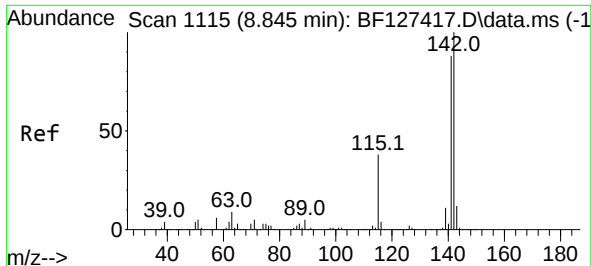
Tgt Ion: 82 Resp: 750190
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#32
Benzoic acid
Concen: 6.062 ng
RT: 8.069 min Scan# 983
Delta R.T. 0.136 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

Tgt Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 257.4 117.1 157.1#
77 186.2 93.0 133.0#

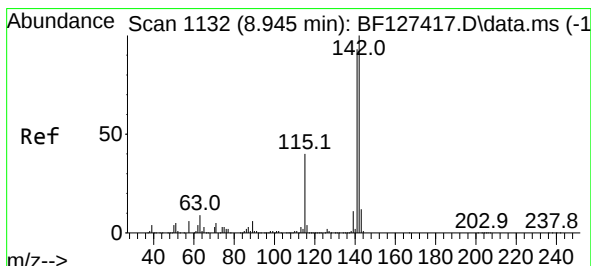
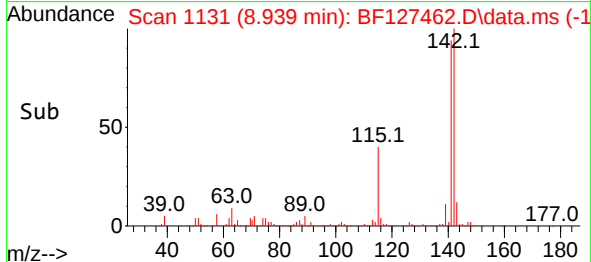
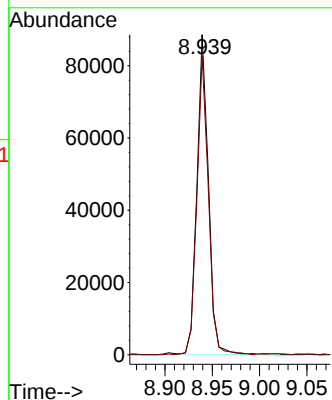
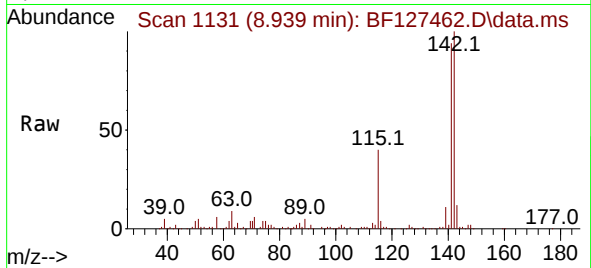




#37
2-Methylnaphthalene
Concen: 5.922 ng
RT: 8.939 min Scan# 1115
Delta R.T. 0.094 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

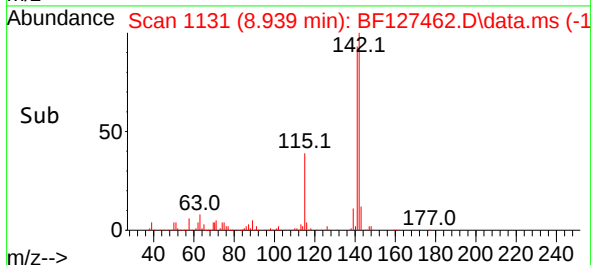
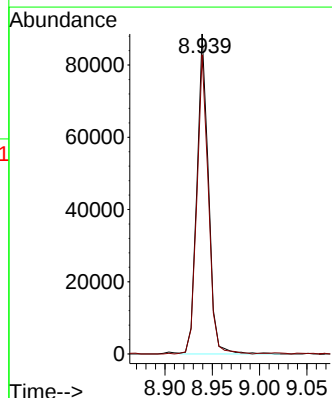
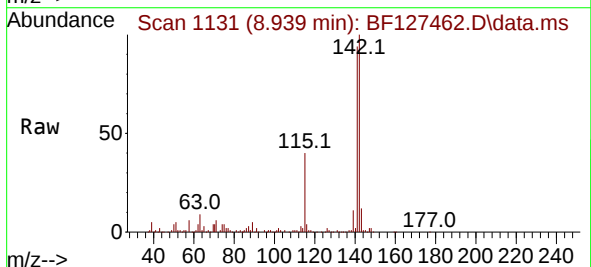
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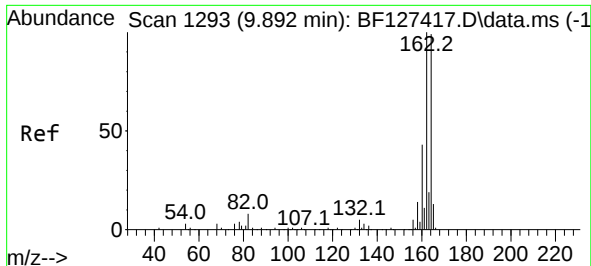
Tgt Ion:142 Resp: 75417
Ion Ratio Lower Upper
142 100
141 93.5 70.6 106.0



#38
1-Methylnaphthalene
Concen: 5.989 ng
RT: 8.939 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

Tgt Ion:142 Resp: 75417
Ion Ratio Lower Upper
142 100
141 93.5 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: BF127462.D

Acq: 22 Mar 2022 20:14

Instrument :

BNA_F

ClientSampleId :

WC-8-9-2

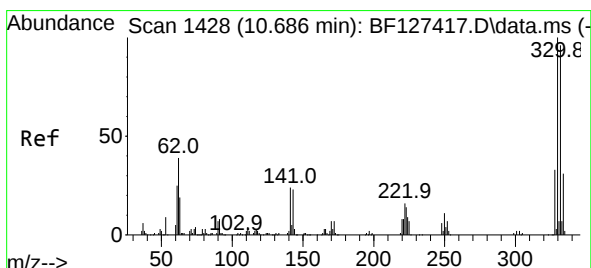
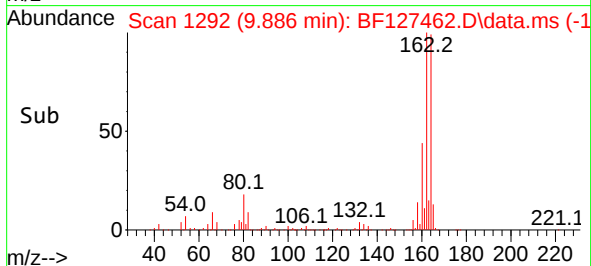
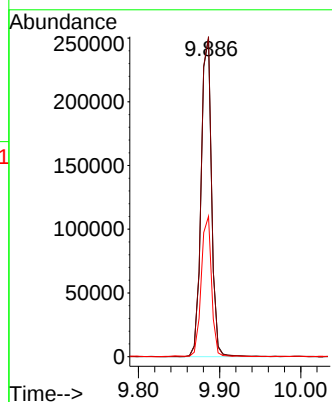
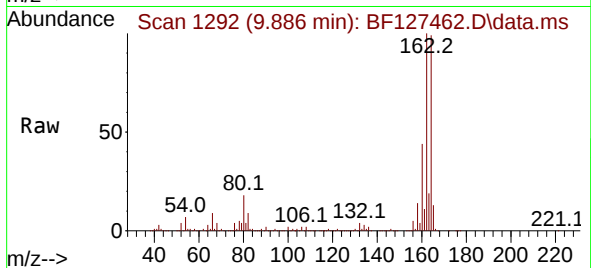
Tgt Ion:164 Resp: 223556

Ion Ratio Lower Upper

164 100

162 100.6 81.2 121.8

160 44.1 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 136.452 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127462.D

Acq: 22 Mar 2022 20:14

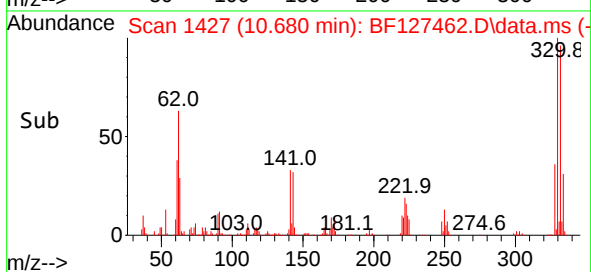
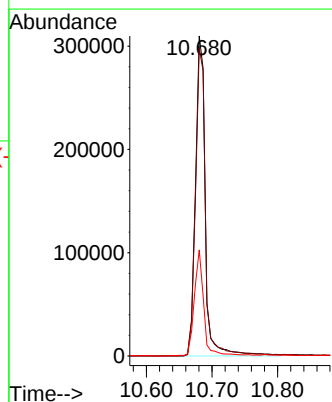
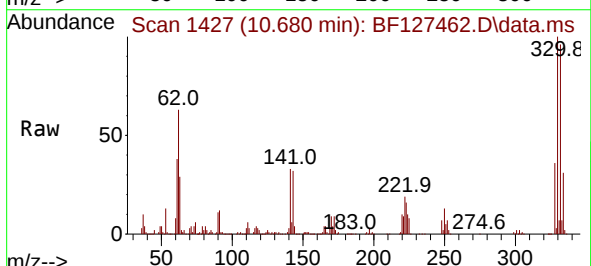
Tgt Ion:330 Resp: 324953

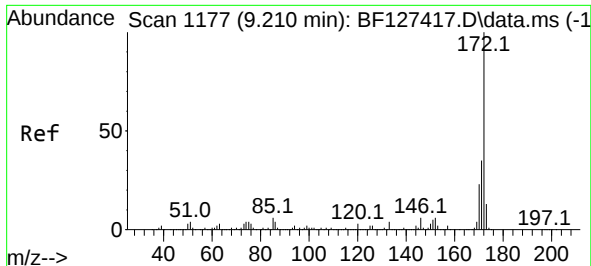
Ion Ratio Lower Upper

330 100

332 97.0 79.1 118.7

141 32.2 26.2 39.4

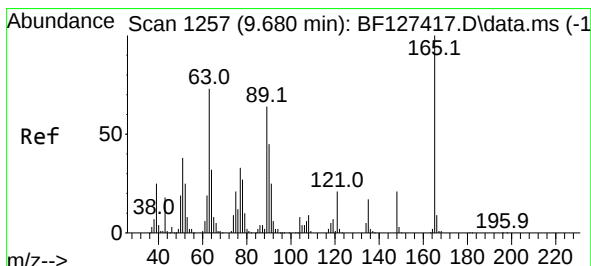
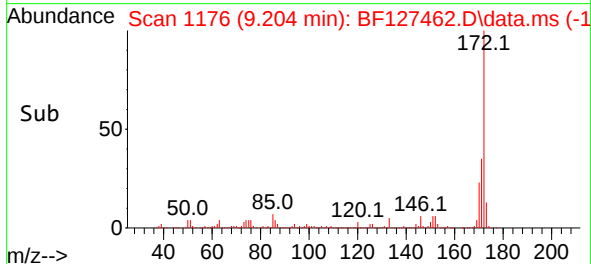
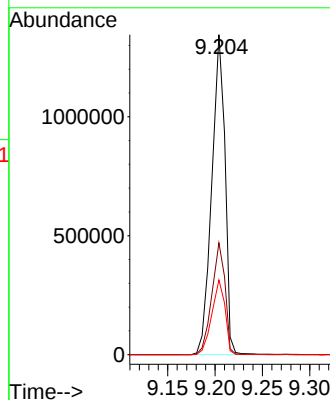
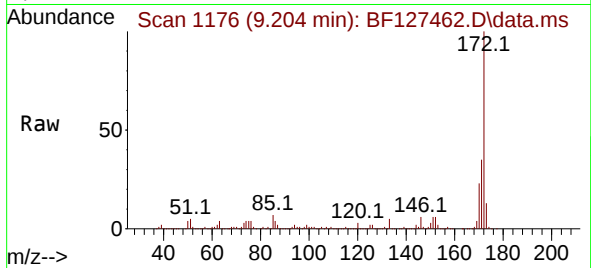




#45
2-Fluorobiphenyl
Concen: 85.065 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

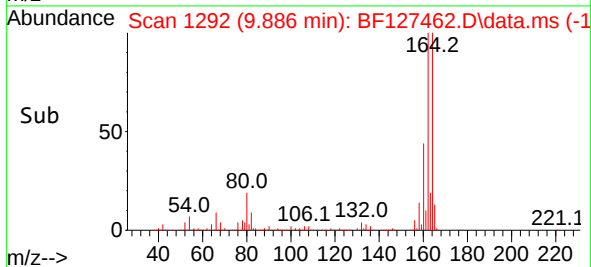
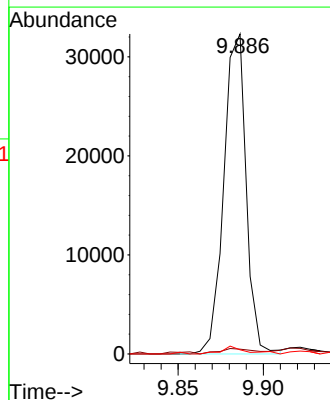
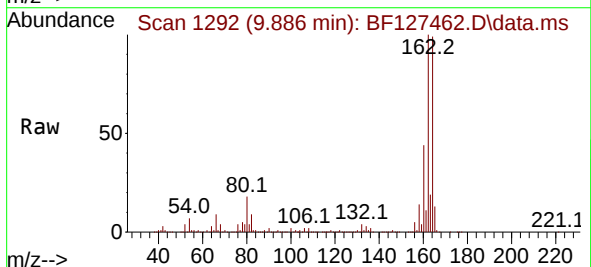
Instrument :
BNA_F
ClientSampleId :
WC-8-9-2

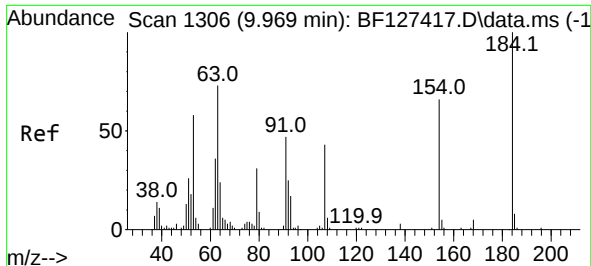
Tgt Ion:172 Resp: 1302311
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.048 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

Tgt Ion:165 Resp: 29540
Ion Ratio Lower Upper
165 100
63 1.5 58.3 87.5#
89 1.3 51.5 77.3#





#54

2,4-Dinitrophenol

Concen: 8.740 ng

RT: 10.175 min Scan# 1341

Delta R.T. 0.206 min

Lab File: BF127462.D

Acq: 22 Mar 2022 20:14

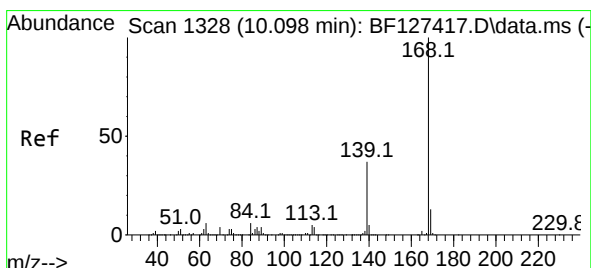
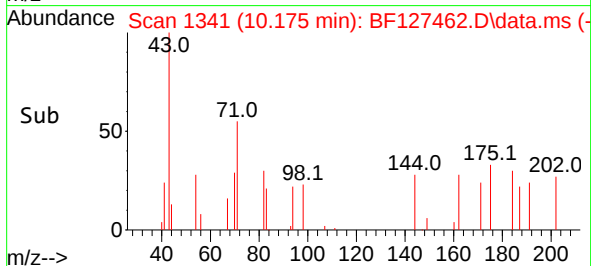
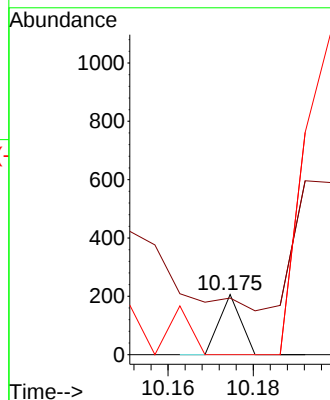
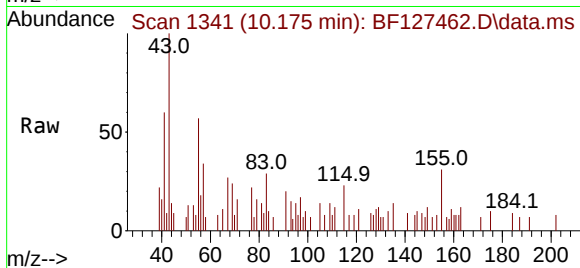
Instrument :

BNA_F

ClientSampleId :

WC-8-9-2

Tgt Ion:184	Resp:	73
Ion Ratio	Lower	Upper
184	100	
63	94.2	58.1 87.1#
154	0.0	53.2 79.8#



#55

Dibenzofuran

Concen: Below Cal

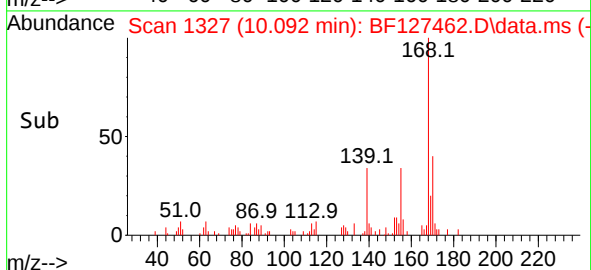
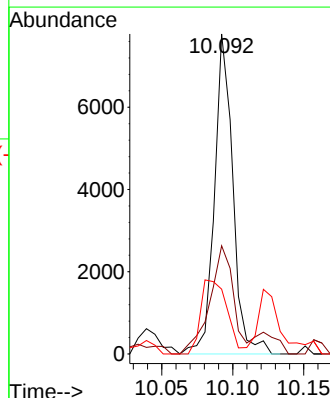
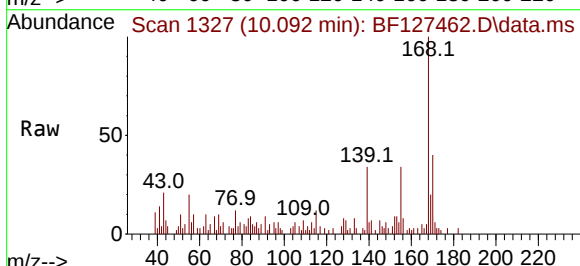
RT: 10.092 min Scan# 1327

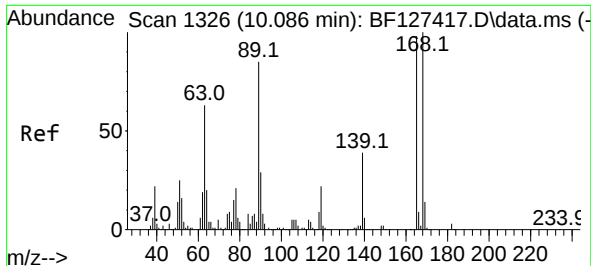
Delta R.T. -0.006 min

Lab File: BF127462.D

Acq: 22 Mar 2022 20:14

Tgt Ion:168	Resp:	7016
Ion Ratio	Lower	Upper
168	100	
139	33.8	30.3 45.5
169	20.2	10.8 16.2#

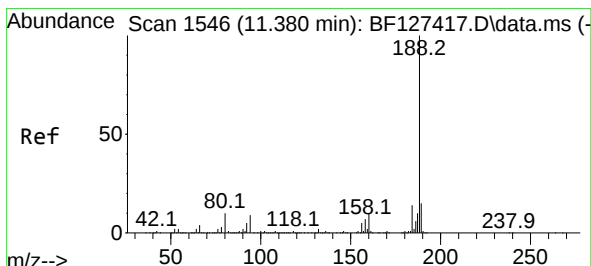
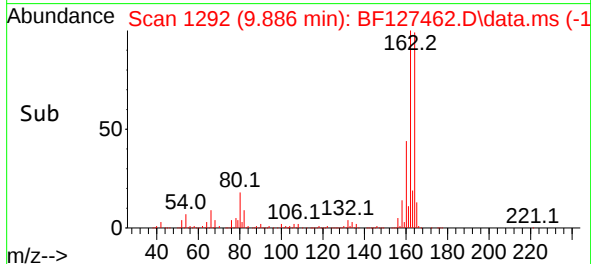
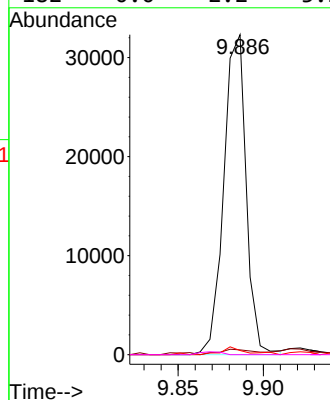
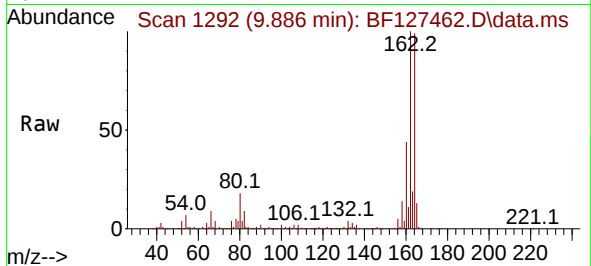




#57
2,4-Dinitrotoluene
Concen: 7.030 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

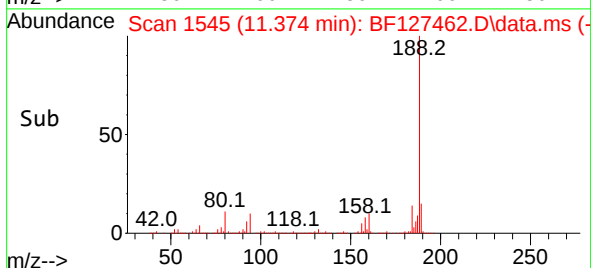
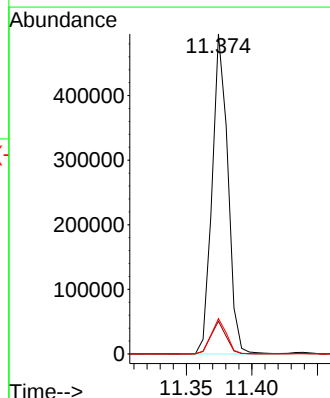
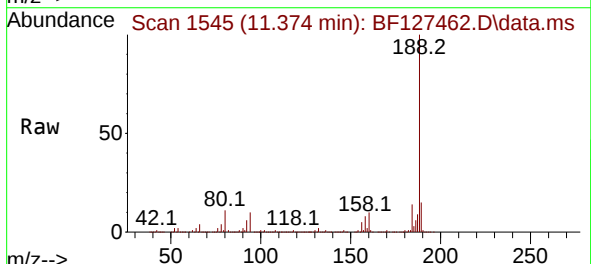
Instrument :
BNA_F
ClientSampleId :
WC-8-9-2

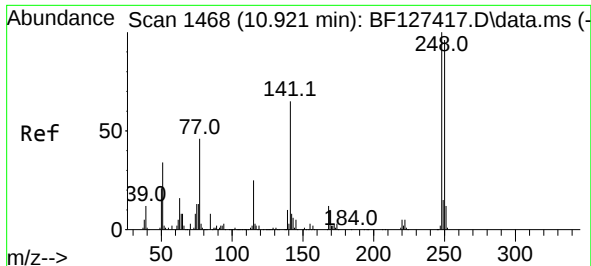
Tgt Ion:165 Resp: 29540
Ion Ratio Lower Upper
165 100
63 1.5 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

Tgt Ion:188 Resp: 413519
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 11.1 8.0 12.0

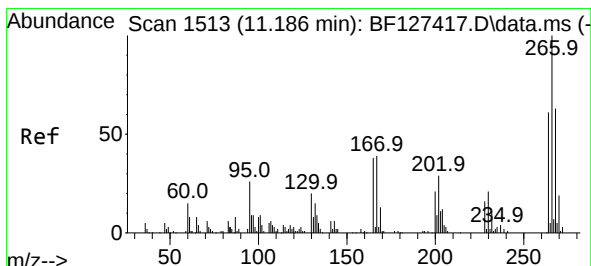
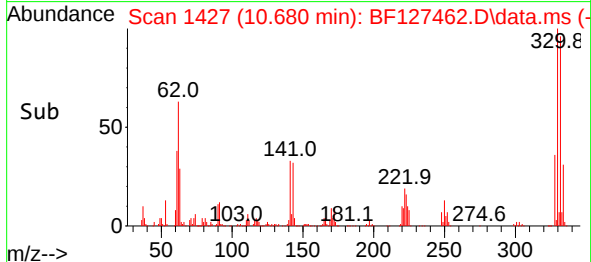
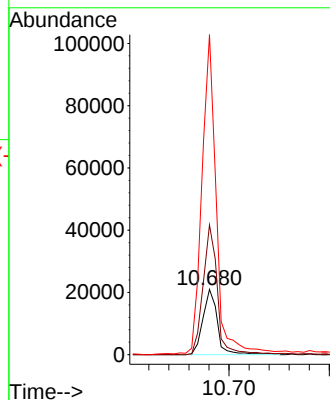
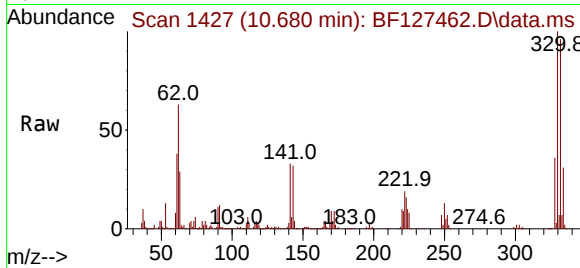




#67
4-Bromophenyl-phenylether
Concen: 4.394 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

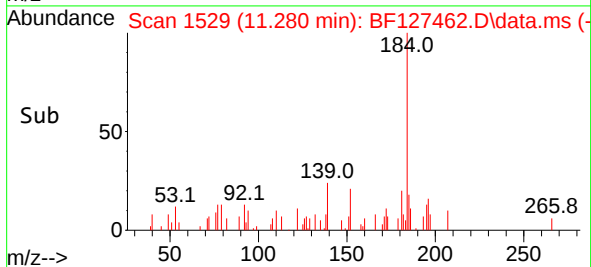
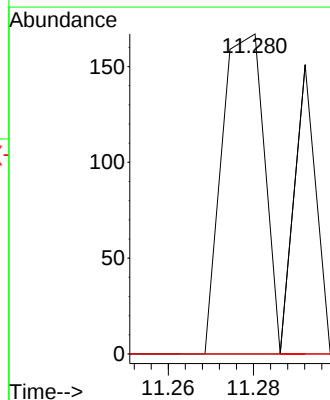
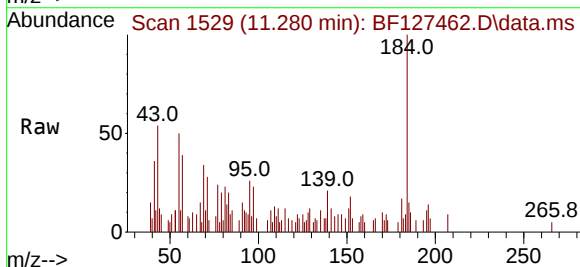
Instrument :
BNA_F
ClientSampleId :
WC-8-9-2

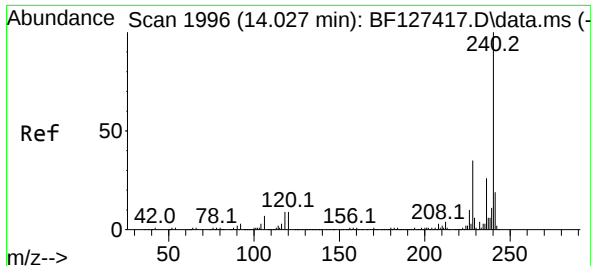
Tgt Ion:248 Resp: 21216
Ion Ratio Lower Upper
248 100
250 199.0 76.6 115.0#
141 490.5 52.2 78.2#



#70
Pentachlorophenol
Concen: 6.793 ng
RT: 11.280 min Scan# 1529
Delta R.T. 0.094 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

Tgt Ion:266 Resp: 115
Ion Ratio Lower Upper
266 100
268 0.0 50.4 75.6#
264 0.0 48.5 72.7#

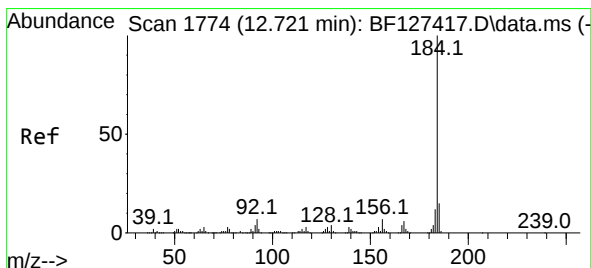
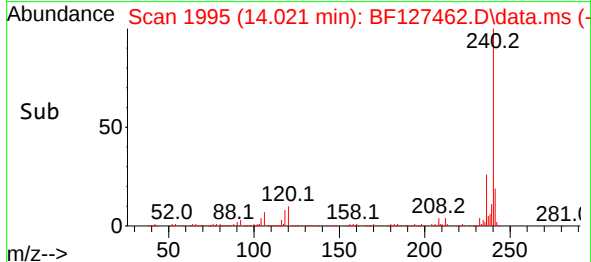
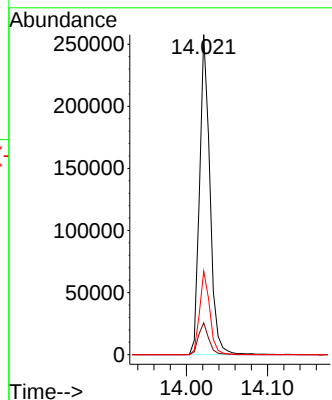
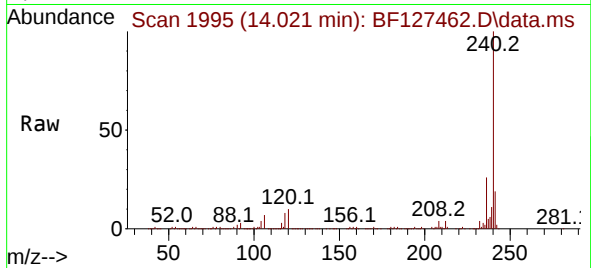




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

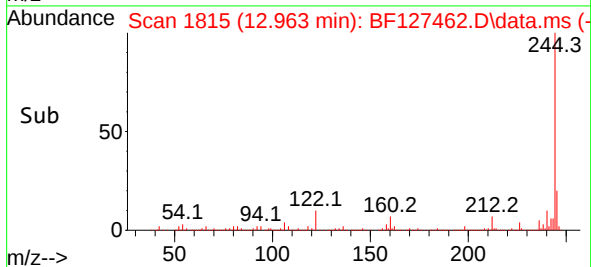
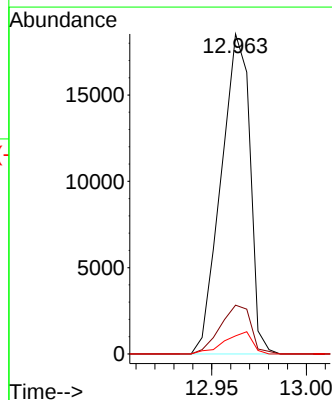
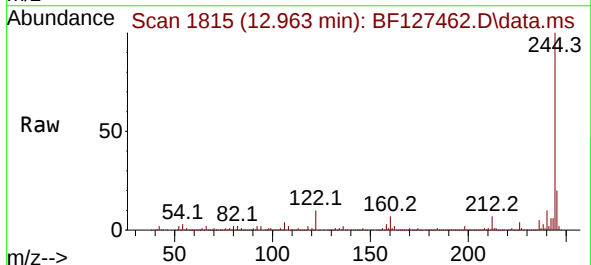
Instrument :
BNA_F
ClientSampleId :
WC-8-9-2

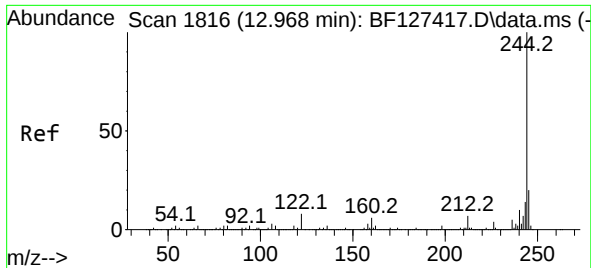
Tgt Ion:240 Resp: 228730
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 26.1 20.7 31.1



#77
Benzidine
Concen: 3.602 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127462.D
Acq: 22 Mar 2022 20:14

Tgt Ion:184 Resp: 19646
Ion Ratio Lower Upper
184 100
185 15.2 12.2 18.2
183 5.7 9.4 14.0#

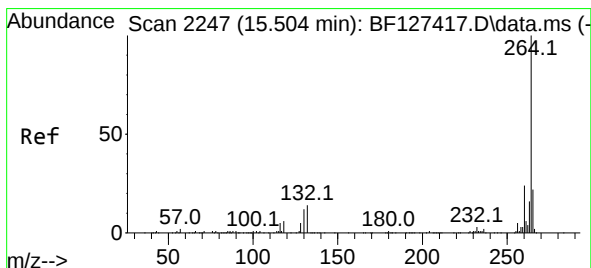
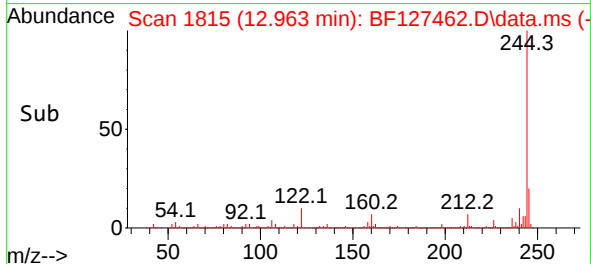
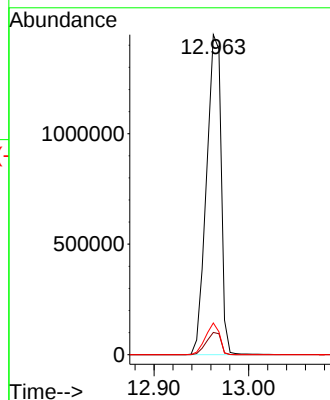
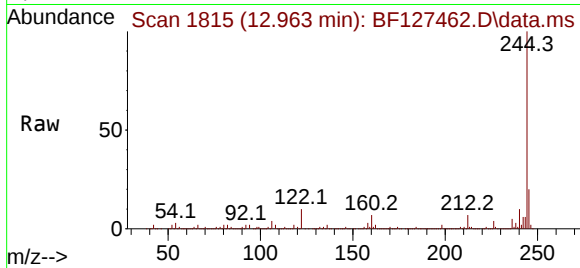




#79
 Terphenyl-d14
 Concen: 110.889 ng
 RT: 12.963 min Scan# 1816
 Delta R.T. -0.006 min
 Lab File: BF127462.D
 Acq: 22 Mar 2022 20:14

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-9-2

Tgt Ion:244 Resp: 1549378
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 9.9 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF127462.D
 Acq: 22 Mar 2022 20:14

Tgt Ion:264 Resp: 194260
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.1 28.7
 265 21.1 17.4 26.2

