

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032322\
 Data File : BF127486.D
 Acq On : 23 Mar 2022 17:54
 Operator : CG\JU
 Sample : N2063-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-7-2-(10-10.5)

Quant Time: Mar 24 02:12:55 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)

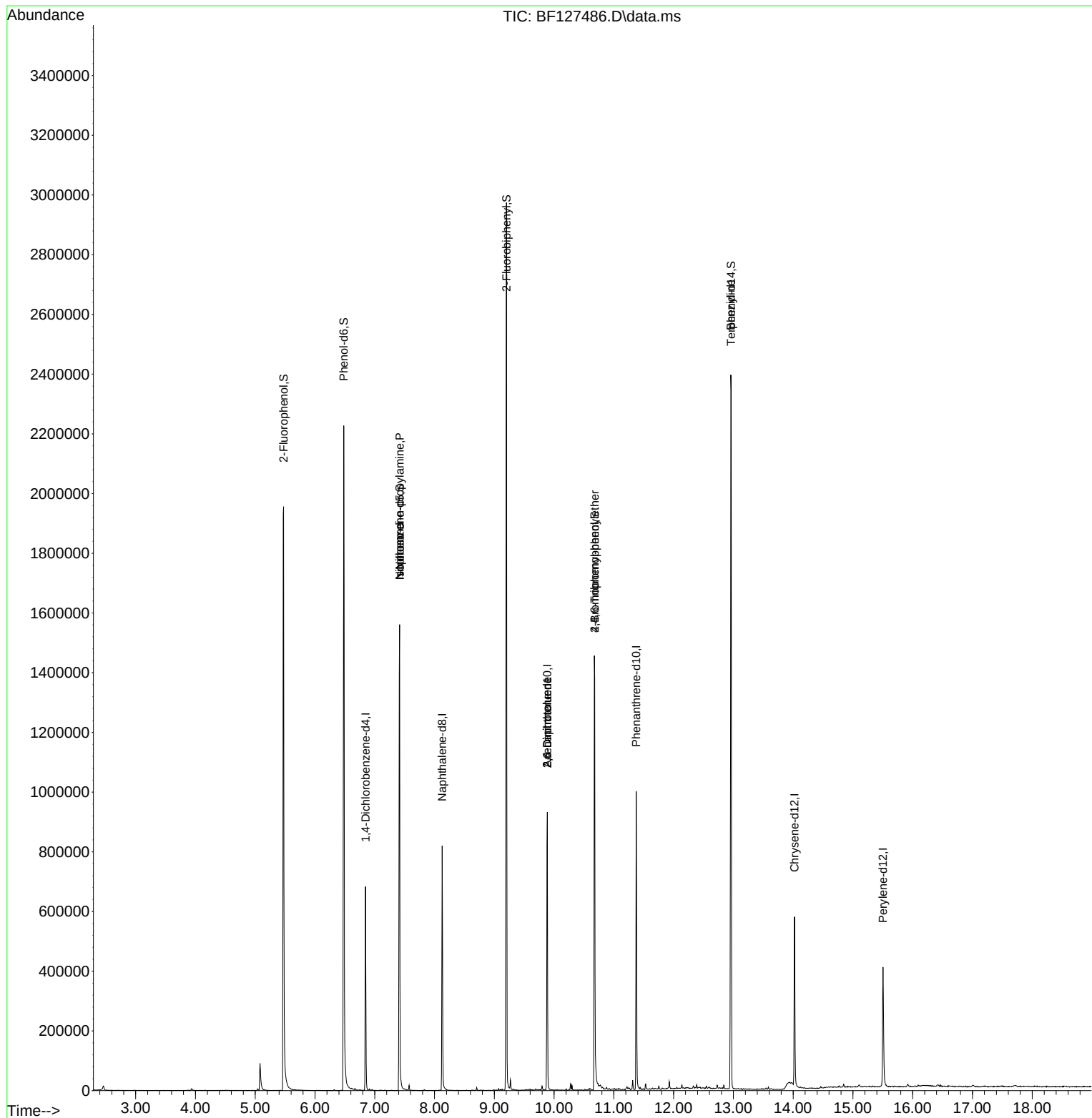
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	89690	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	335118	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	190852	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	342326	20.000	ng	0.00
76) Chrysene-d12	14.021	240	200909	20.000	ng	0.00
86) Perylene-d12	15.504	264	192481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	529626	94.258	ng	0.00
7) Phenol-d6	6.481	99	747795	97.362	ng	0.00
23) Nitrobenzene-d5	7.416	82	511649	65.263	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	185610	91.296	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	892958	68.321	ng	0.00
79) Terphenyl-d14	12.963	244	902172	73.510	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1241	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	68460	14.870	ng	# 80
25) Isophorone	7.416	82	511645	40.976	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	24666	8.850	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	24666	6.876	ng	# 14
58) Fluorene	10.680	166	7079	Below Cal	#	83
67) 4-Bromophenyl-phenylether	10.680	248	12404	3.104	ng	# 1
77) Benzidine	12.957	184	11298	2.358	ng	# 92

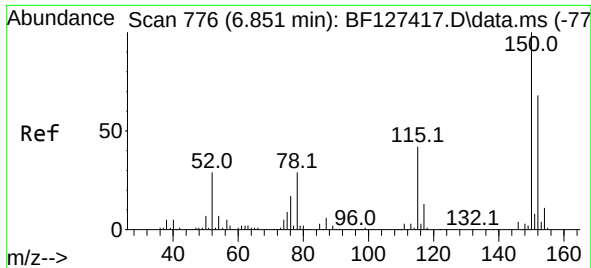
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032322\
Data File : BF127486.D
Acq On : 23 Mar 2022 17:54
Operator : CG\JU
Sample : N2063-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-7-2-(10-10.5)

Quant Time: Mar 24 02:12:55 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

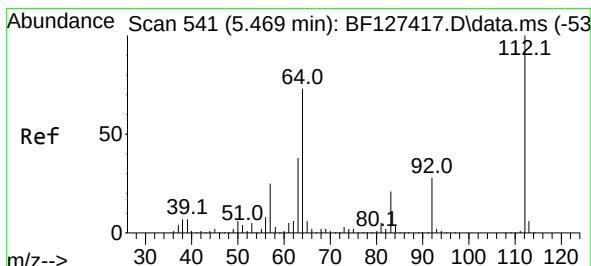
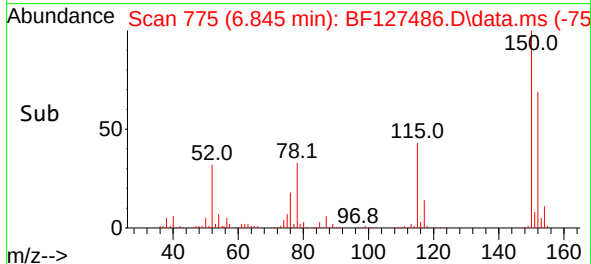
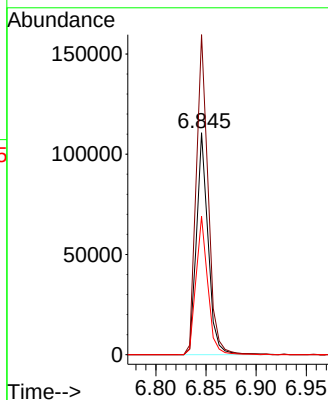
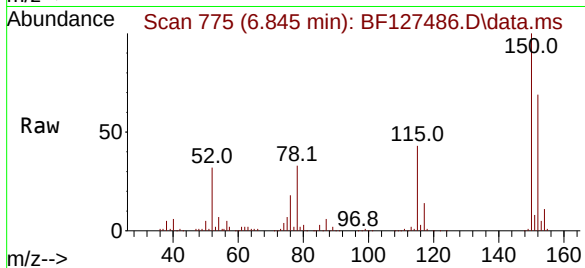




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127486.D
 Acq: 23 Mar 2022 17:54

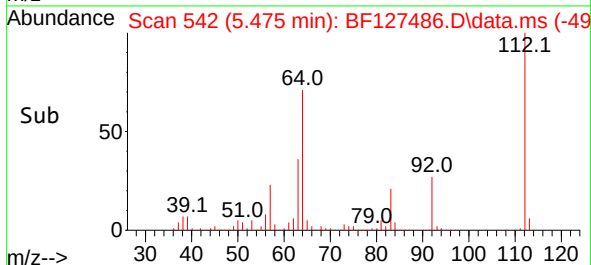
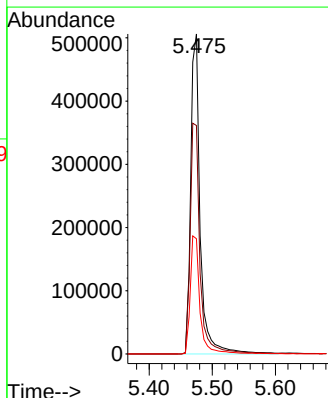
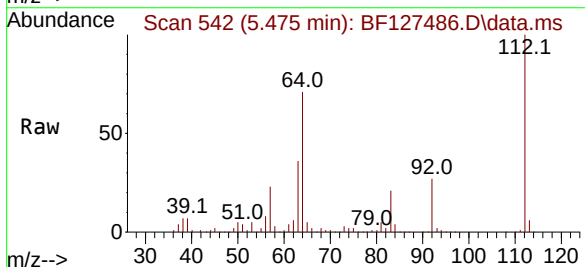
Instrument :
 BNA_F
 ClientSampleId :
 WC-7-2-(10-10.5)

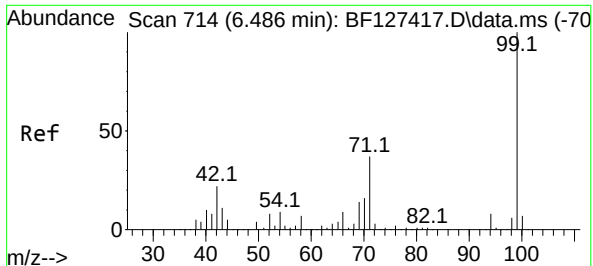
Tgt Ion:152 Resp: 89690
 Ion Ratio Lower Upper
 152 100
 150 144.2 117.2 175.8
 115 62.3 49.8 74.6



#5
 2-Fluorophenol
 Concen: 94.258 ng
 RT: 5.475 min Scan# 542
 Delta R.T. 0.006 min
 Lab File: BF127486.D
 Acq: 23 Mar 2022 17:54

Tgt Ion:112 Resp: 529626
 Ion Ratio Lower Upper
 112 100
 64 71.4 58.4 87.6
 63 36.0 30.1 45.1

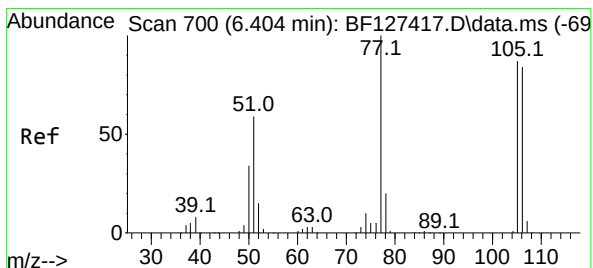
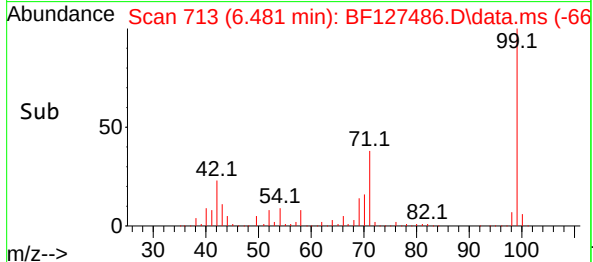
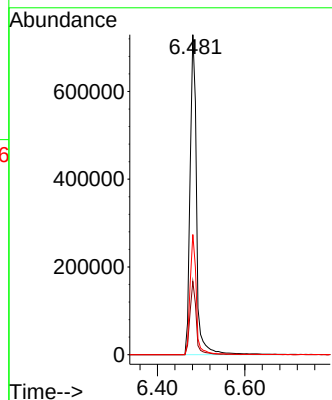
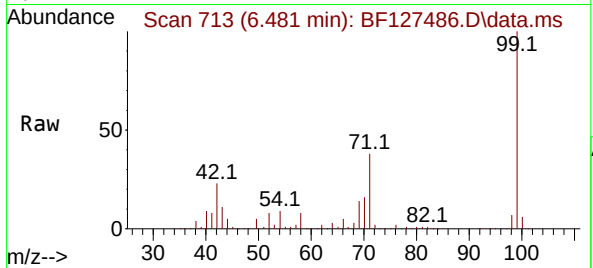




#7
Phenol-d6
Concen: 97.362 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF127486.D
Acq: 23 Mar 2022 17:54

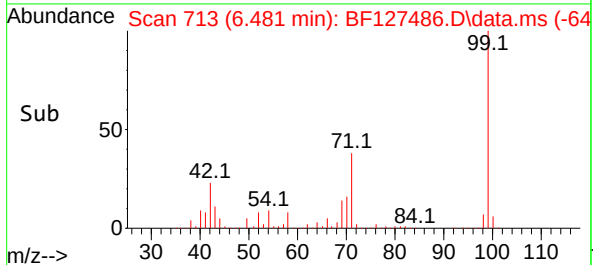
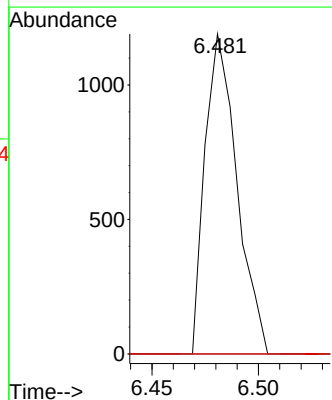
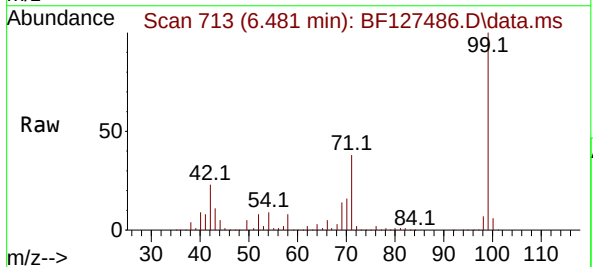
Instrument :
BNA_F
ClientSampleId :
WC-7-2-(10-10.5)

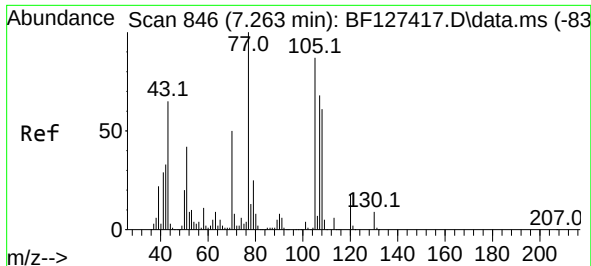
Tgt Ion: 99 Resp: 747795
Ion Ratio Lower Upper
99 100
42 22.9 17.8 26.6
71 37.5 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.481 min Scan# 713
Delta R.T. 0.077 min
Lab File: BF127486.D
Acq: 23 Mar 2022 17:54

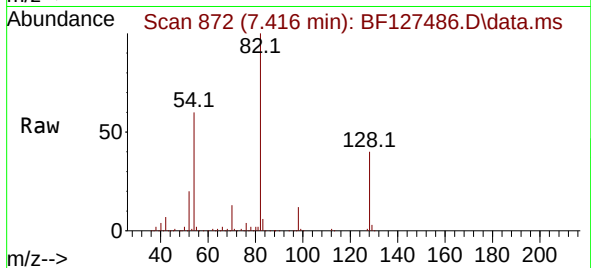
Tgt Ion: 77 Resp: 1241
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#



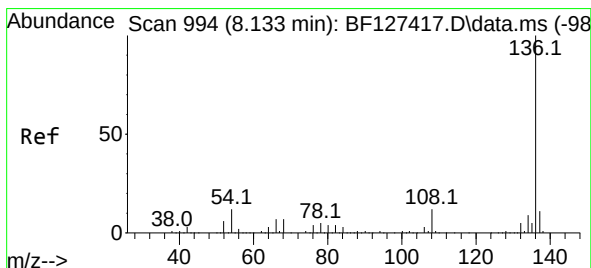
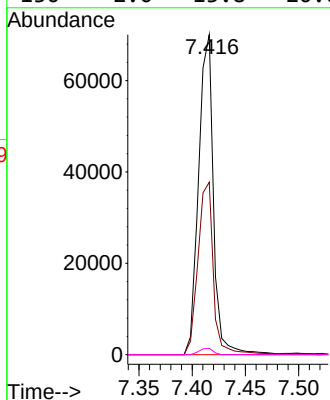
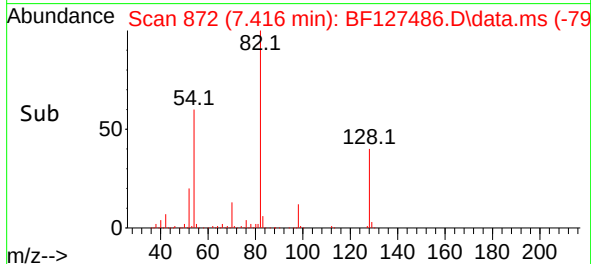


#19
n-Nitroso-di-n-propylamine
Concen: 14.870 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127486.D
Acq: 23 Mar 2022 17:54

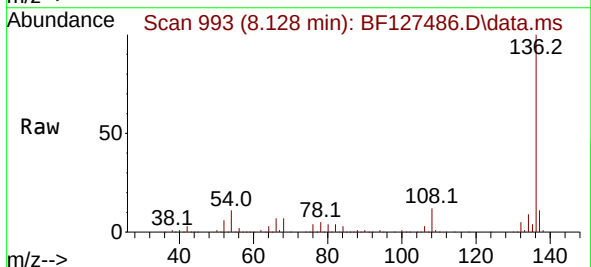
Instrument :
BNA_F
ClientSampleId :
WC-7-2-(10-10.5)



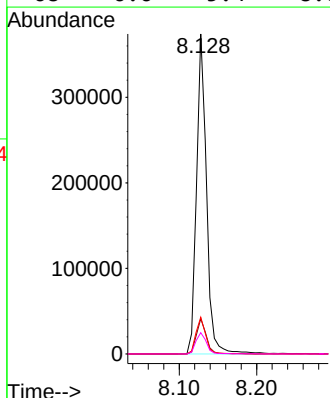
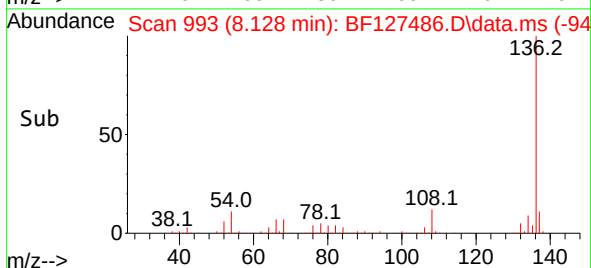
Tgt Ion: 70 Resp: 68460
Ion Ratio Lower Upper
70 100
42 53.9 53.0 79.6
101 0.0 6.8 10.2#
130 2.0 13.8 20.6#

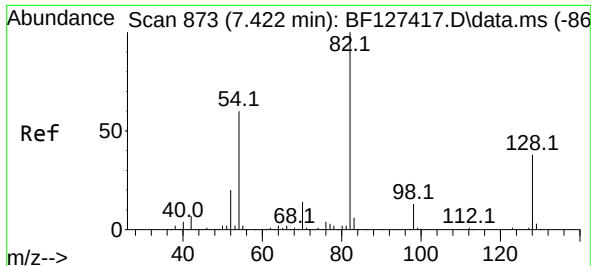


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127486.D
Acq: 23 Mar 2022 17:54



Tgt Ion: 136 Resp: 335118
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 11.5 9.2 13.8
68 6.6 5.4 8.0

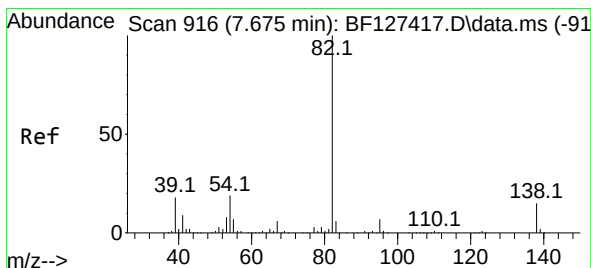
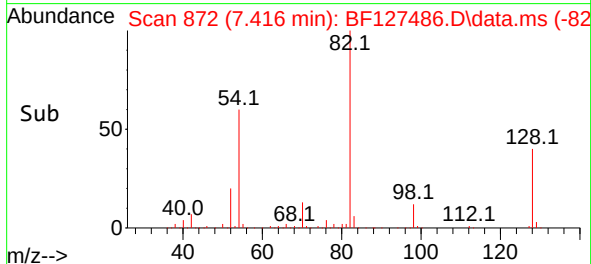
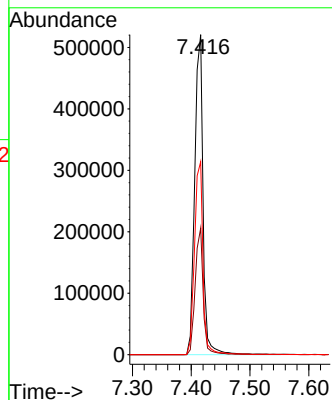
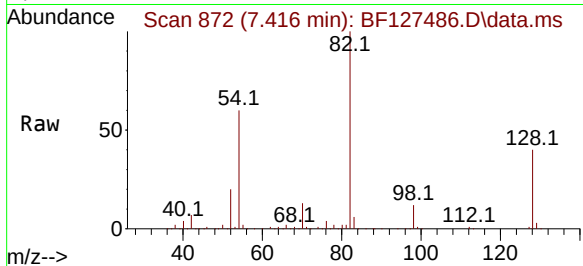




#23
Nitrobenzene-d5
Concen: 65.263 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127486.D
Acq: 23 Mar 2022 17:54

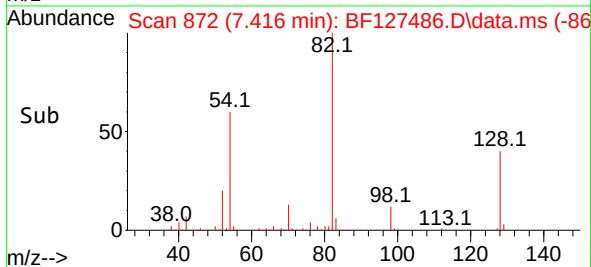
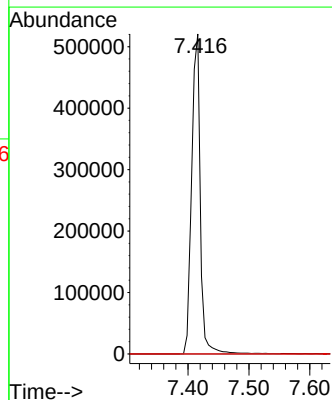
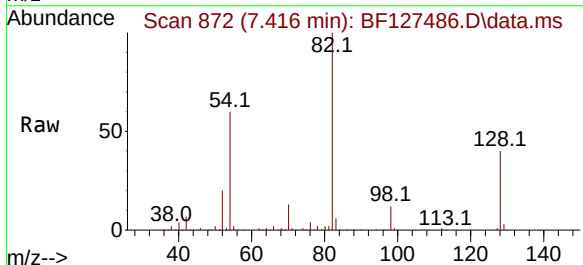
Instrument :
BNA_F
ClientSampleId :
WC-7-2-(10-10.5)

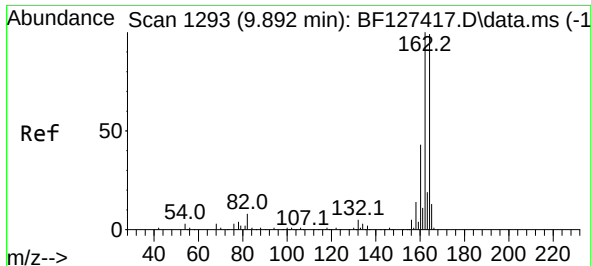
Tgt Ion: 82 Resp: 511649
Ion Ratio Lower Upper
82 100
128 39.6 30.6 45.8
54 60.3 48.2 72.2



#25
Isophorone
Concen: 40.976 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.259 min
Lab File: BF127486.D
Acq: 23 Mar 2022 17:54

Tgt Ion: 82 Resp: 511645
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: BF127486.D

Acq: 23 Mar 2022 17:54

Instrument :

BNA_F

ClientSampleId :

WC-7-2-(10-10.5)

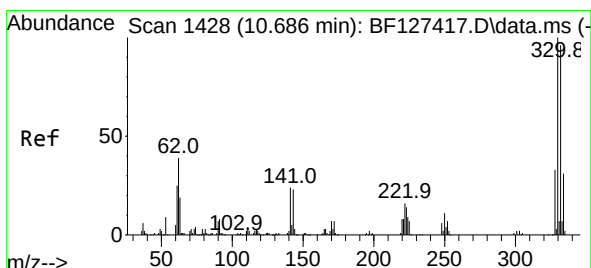
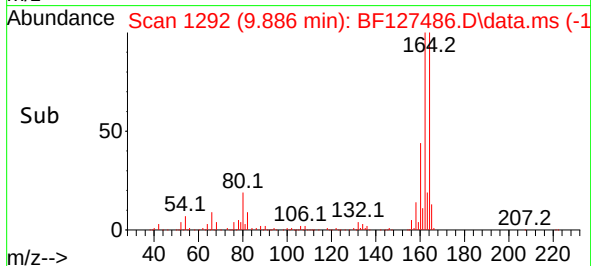
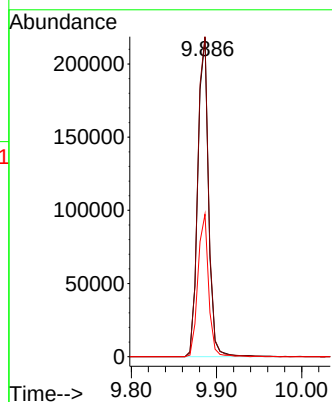
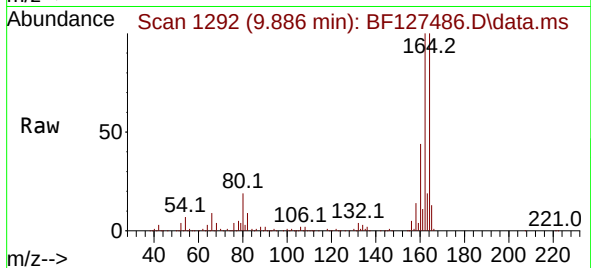
Tgt Ion:164 Resp: 190852

Ion Ratio Lower Upper

164 100

162 100.5 81.2 121.8

160 44.7 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 91.296 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127486.D

Acq: 23 Mar 2022 17:54

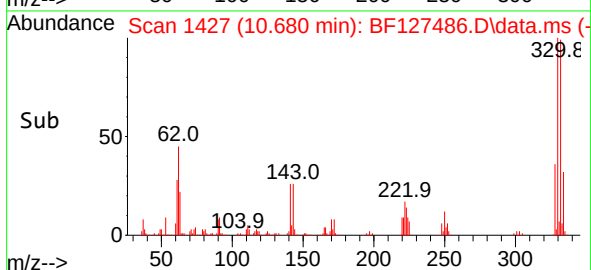
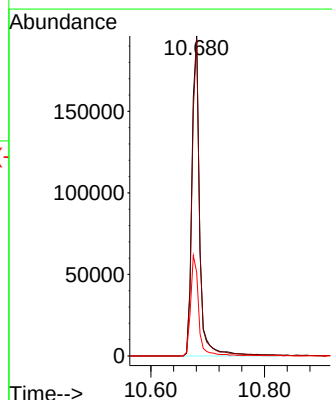
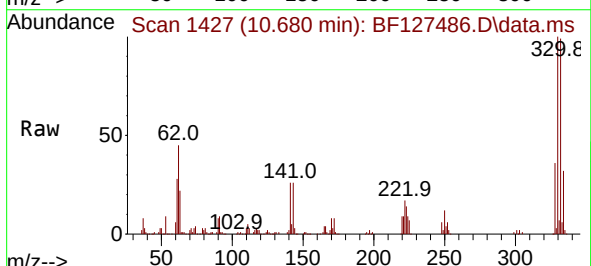
Tgt Ion:330 Resp: 185610

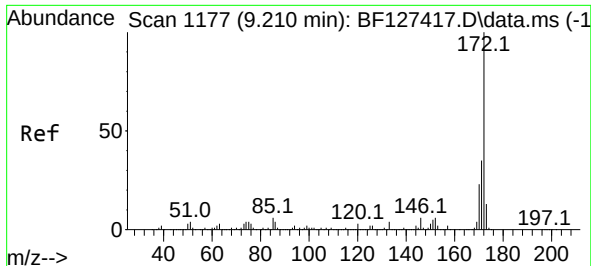
Ion Ratio Lower Upper

330 100

332 96.9 79.1 118.7

141 32.6 26.2 39.4

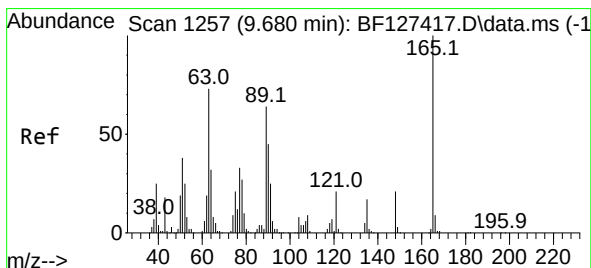
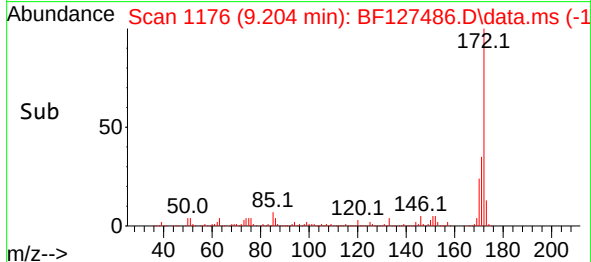
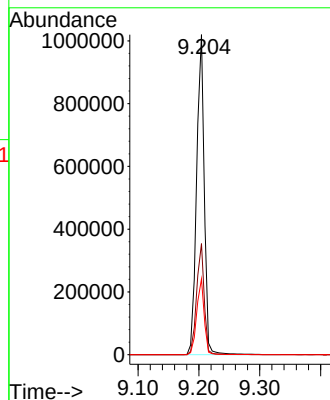
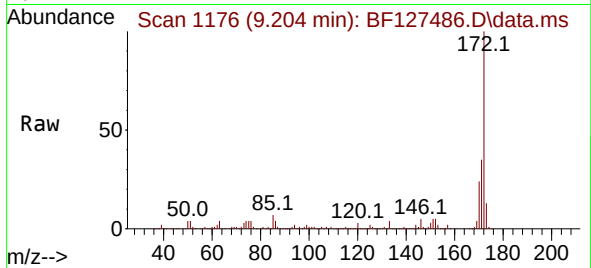




#45
2-Fluorobiphenyl
Concen: 68.321 ng
RT: 9.204 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF127486.D
Acq: 23 Mar 2022 17:54

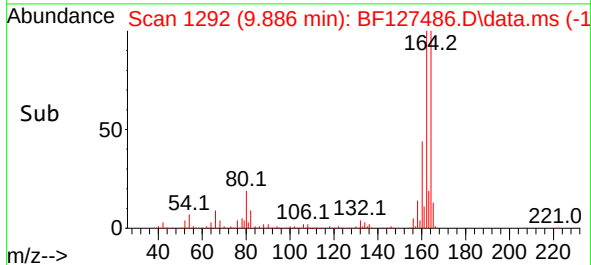
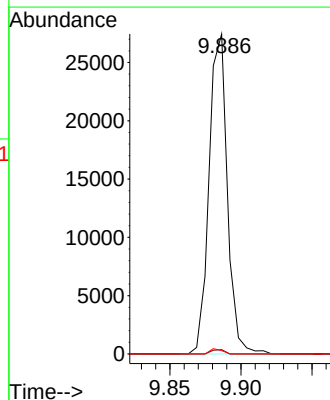
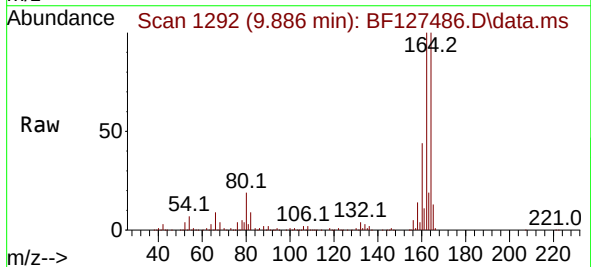
Instrument :
BNA_F
ClientSampleId :
WC-7-2-(10-10.5)

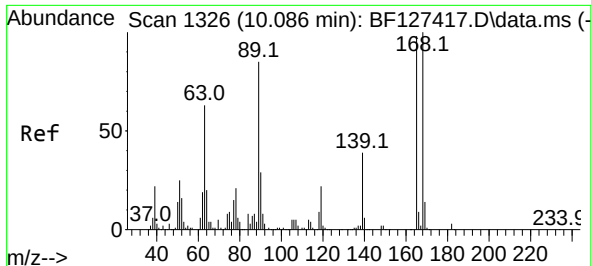
Tgt Ion:172 Resp: 892958
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 23.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.850 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127486.D
Acq: 23 Mar 2022 17:54

Tgt Ion:165 Resp: 24666
Ion Ratio Lower Upper
165 100
63 1.3 58.3 87.5#
89 1.1 51.5 77.3#

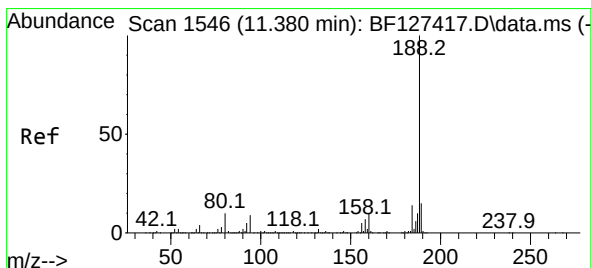
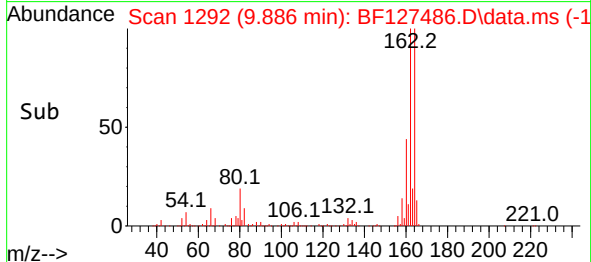
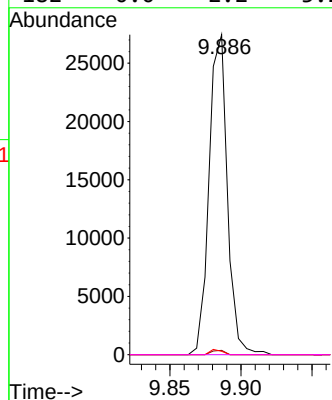
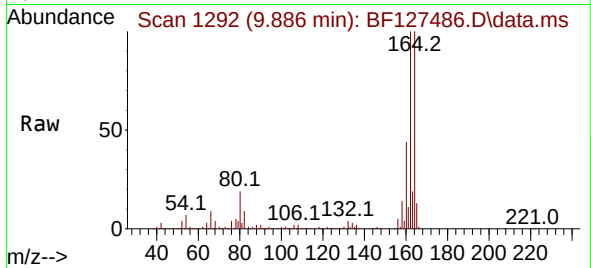




#57
2,4-Dinitrotoluene
Concen: 6.876 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127486.D
Acq: 23 Mar 2022 17:54

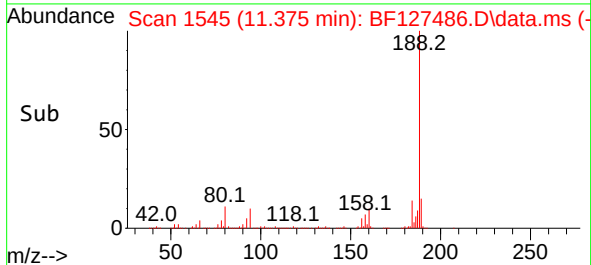
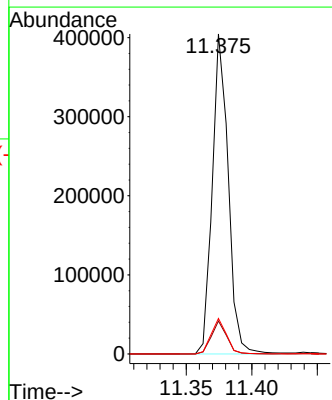
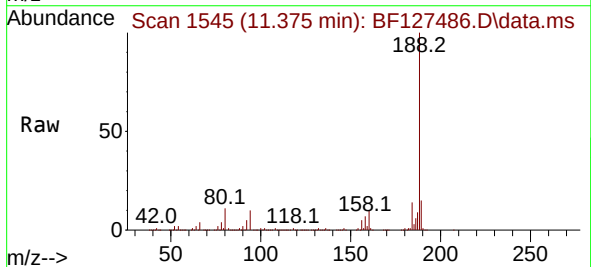
Instrument :
BNA_F
ClientSampleId :
WC-7-2-(10-10.5)

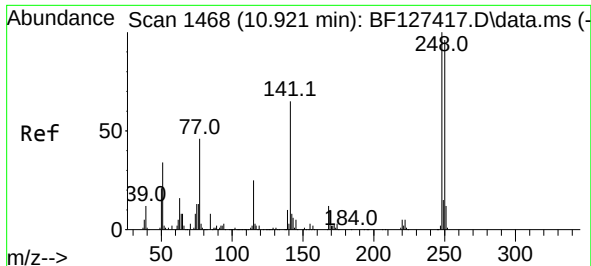
Tgt Ion:165 Resp: 24666
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.005 min
Lab File: BF127486.D
Acq: 23 Mar 2022 17:54

Tgt Ion:188 Resp: 342326
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 11.1 8.0 12.0

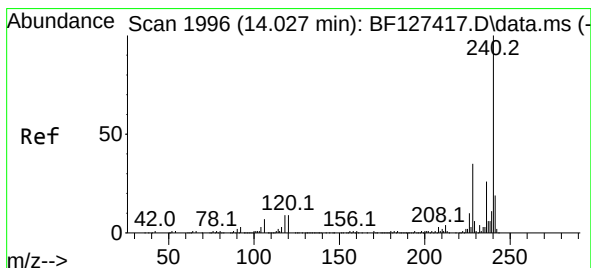
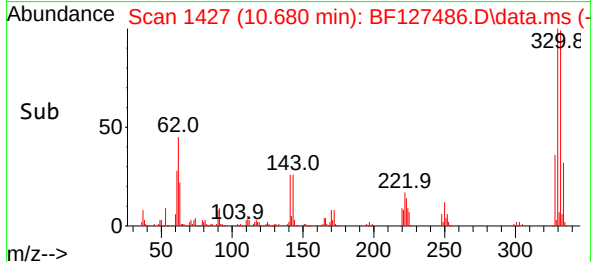
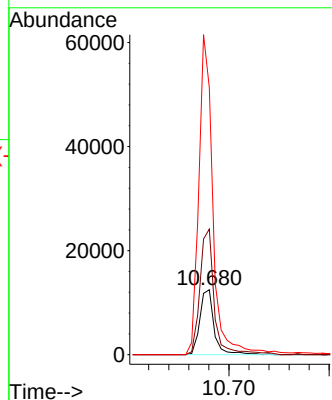
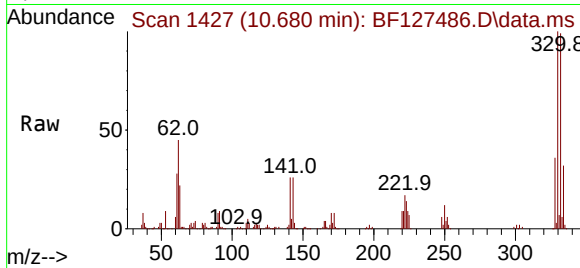




#67
4-Bromophenyl-phenylether
Concen: 3.104 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127486.D
Acq: 23 Mar 2022 17:54

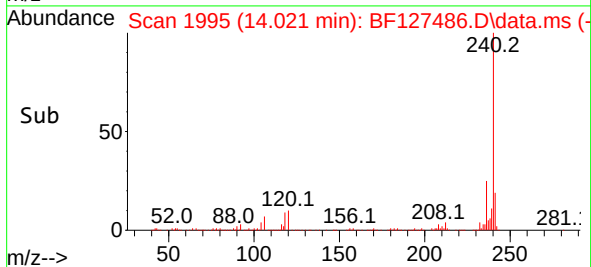
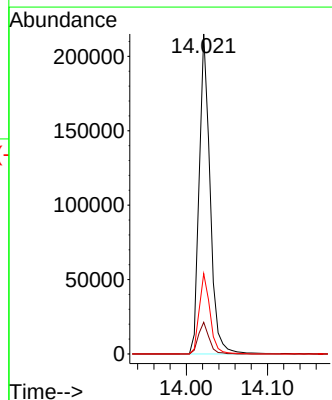
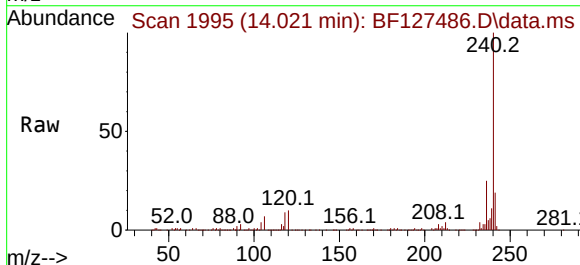
Instrument :
BNA_F
ClientSampleId :
WC-7-2-(10-10.5)

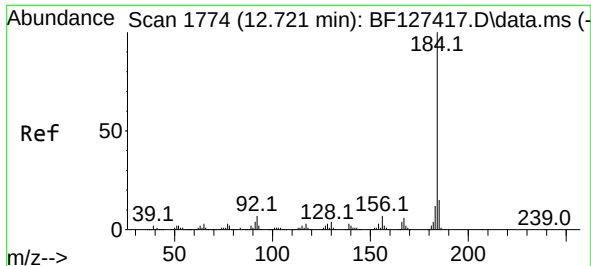
Tgt Ion:248 Resp: 12404
Ion Ratio Lower Upper
248 100
250 193.5 76.6 115.0#
141 411.4 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127486.D
Acq: 23 Mar 2022 17:54

Tgt Ion:240 Resp: 200909
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 25.1 20.7 31.1

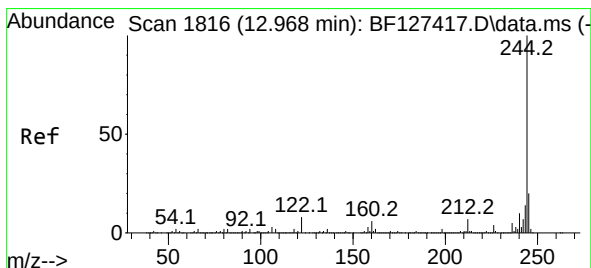
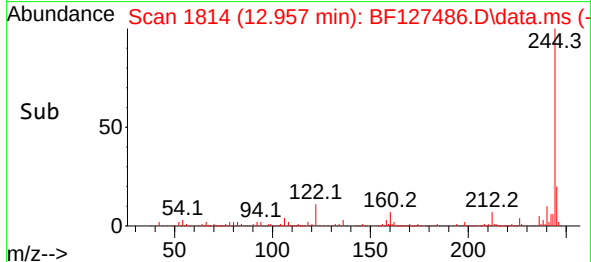
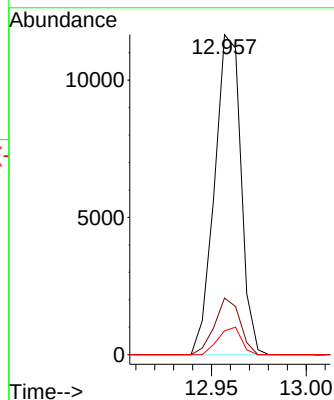
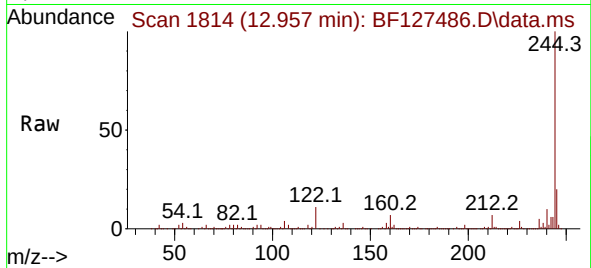




#77
Benzidine
Concen: 2.358 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.235 min
Lab File: BF127486.D
Acq: 23 Mar 2022 17:54

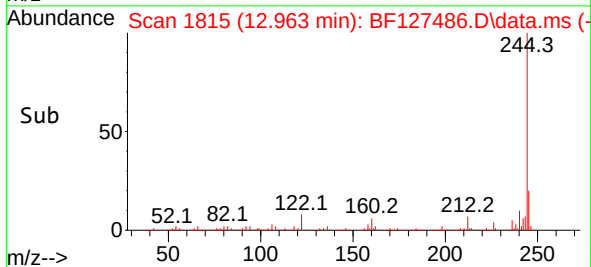
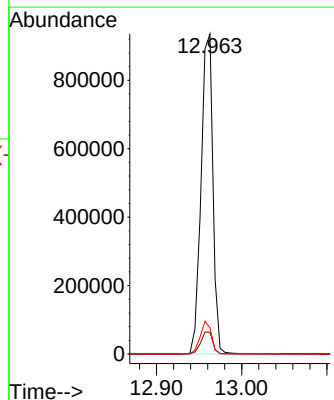
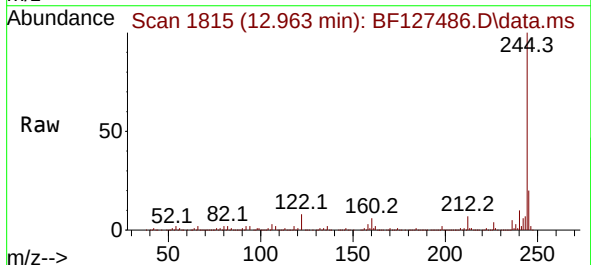
Instrument :
BNA_F
ClientSampleId :
WC-7-2-(10-10.5)

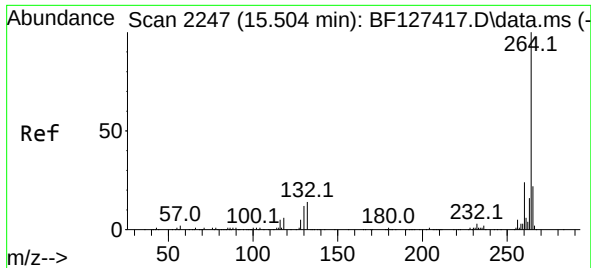
Tgt Ion:184 Resp: 11298
Ion Ratio Lower Upper
184 100
185 17.7 12.2 18.2
183 7.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 73.510 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127486.D
Acq: 23 Mar 2022 17:54

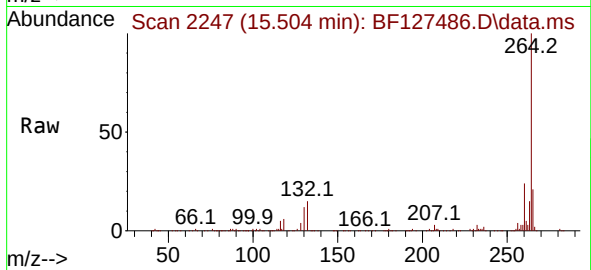
Tgt Ion:244 Resp: 902172
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 8.1 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127486.D
Acq: 23 Mar 2022 17:54

Instrument :
BNA_F
ClientSampleId :
WC-7-2-(10-10.5)



Tgt Ion:264 Resp: 192481

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.5	17.4	26.2

