

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
 Data File : BF127851.D
 Acq On : 19 Apr 2022 20:09
 Operator : CG\JU
 Sample : N2452-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-15-1-5

Quant Time: Apr 20 03:54:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 19 17:31:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

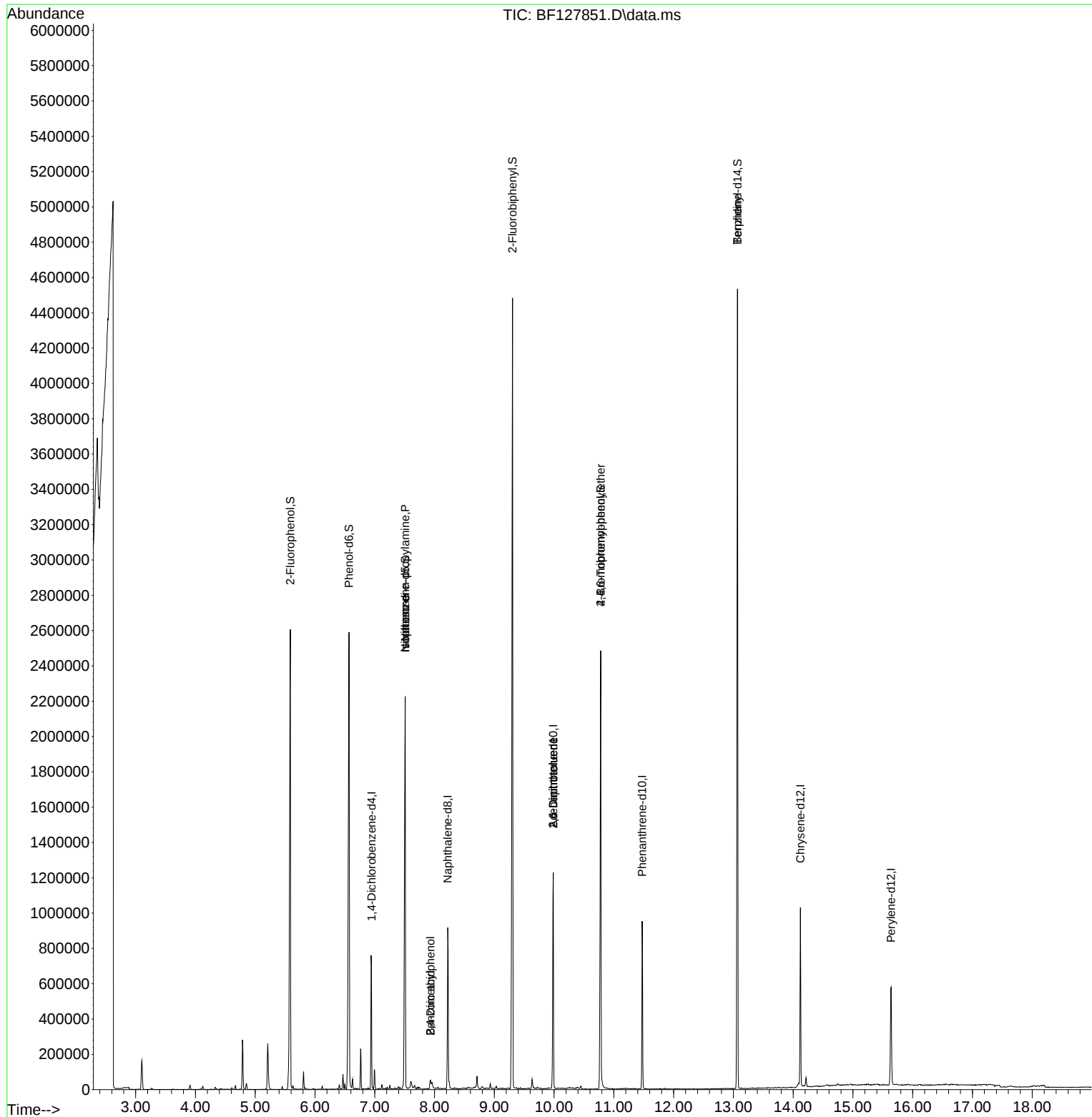
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	108647	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	416203	20.000	ng	# 0.00
39) Acenaphthene-d10	9.986	164	256798	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	338161	20.000	ng	0.00
76) Chrysene-d12	14.121	240	325269	20.000	ng	-0.01
86) Perylene-d12	15.639	264	280663	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	690331	99.541	ng	0.02
7) Phenol-d6	6.569	99	939943	108.533	ng	0.00
23) Nitrobenzene-d5	7.510	82	856229	95.409	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	312630	99.938	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1422998	72.378	ng	0.00
79) Terphenyl-d14	13.069	244	1593808	76.912	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.510	70	120969	20.350	ng	# 75
25) Isophorone	7.510	82	853422	56.519	ng	# 70
27) 2,4-Dimethylphenol	7.934	122	13892	2.410	ng	# 3
32) Benzoic acid	7.934	122	13892	3.368	ng	93
51) 2,6-Dinitrotoluene	9.986	165	32782	8.547	ng	# 17
57) 2,4-Dinitrotoluene	9.986	165	32782	6.826	ng	# 14
67) 4-Bromophenyl-phenylether	10.780	248	20675	4.511	ng	# 1
77) Benzidine	13.069	184	25614	3.052	ng	# 90

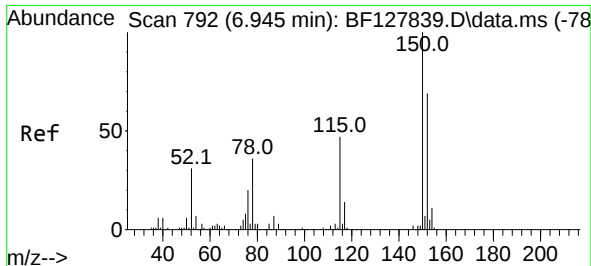
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041922\
Data File : BF127851.D
Acq On : 19 Apr 2022 20:09
Operator : CG\JU
Sample : N2452-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-15-1-5

Quant Time: Apr 20 03:54:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 19 17:31:18 2022
Response via : Initial Calibration

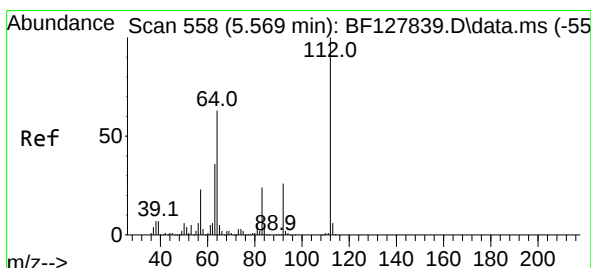
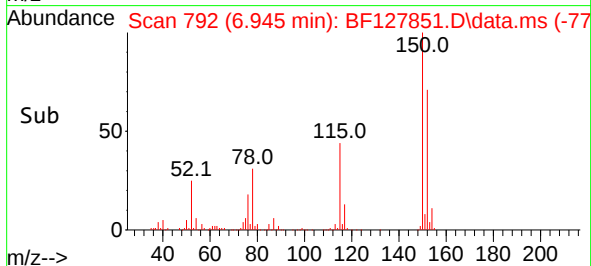
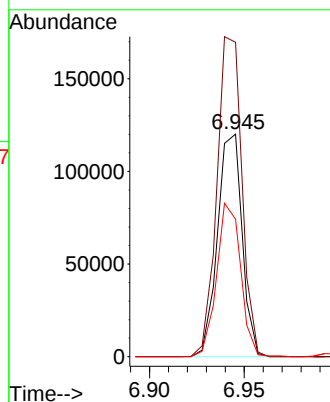
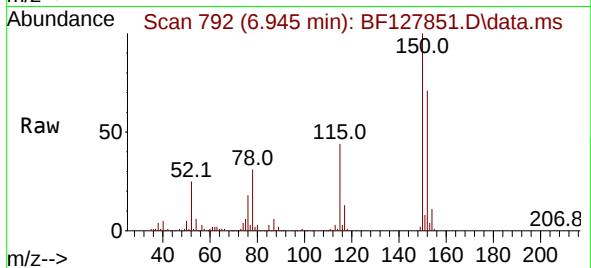




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF127851.D
Acq: 19 Apr 2022 20:09

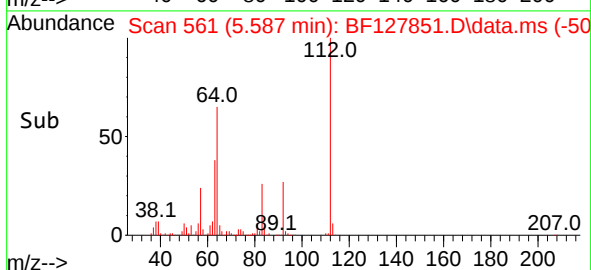
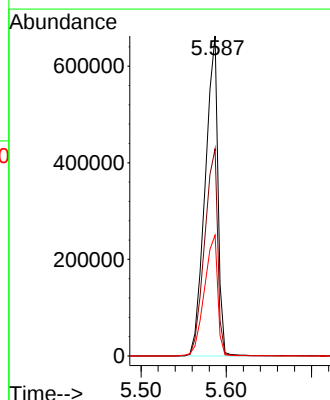
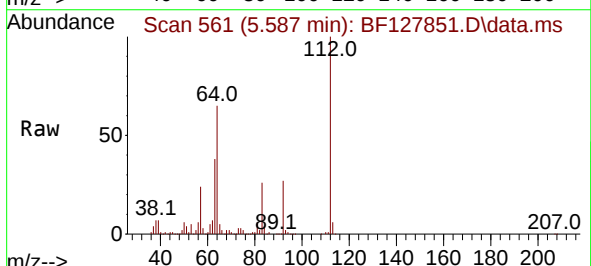
Instrument :
BNA_F
ClientSampleId :
WC-15-1-5

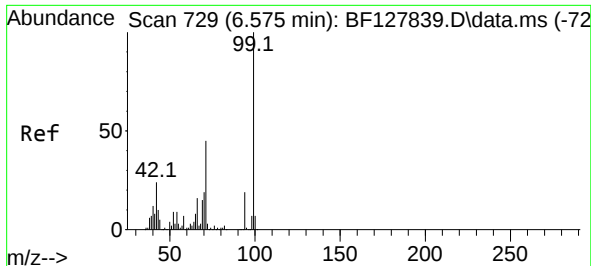
Tgt Ion:152 Resp: 108647
Ion Ratio Lower Upper
152 100
150 141.2 117.2 175.8
115 61.7 49.8 74.6



#5
2-Fluorophenol
Concen: 99.541 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF127851.D
Acq: 19 Apr 2022 20:09

Tgt Ion:112 Resp: 690331
Ion Ratio Lower Upper
112 100
64 64.7 58.4 87.6
63 37.7 30.1 45.1

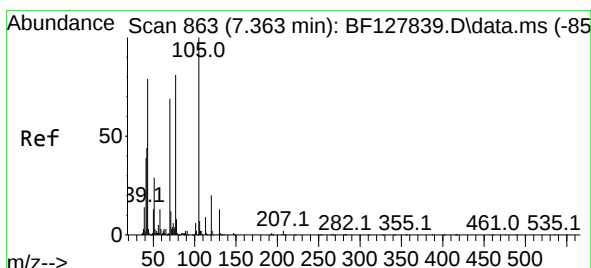
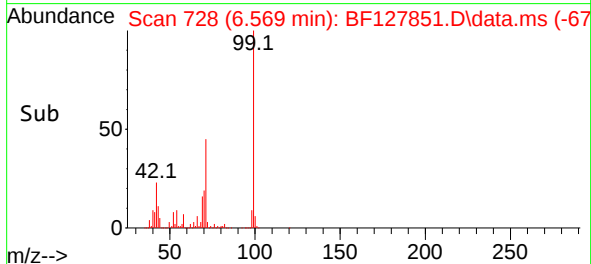
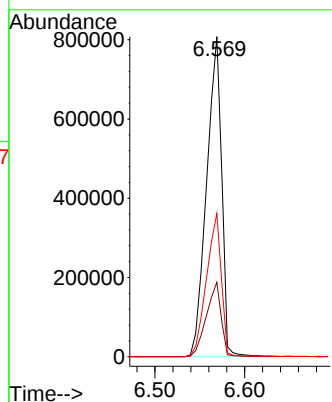
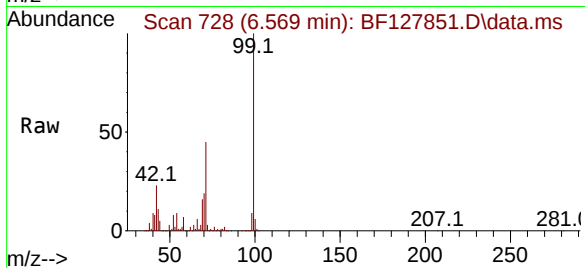




#7
Phenol-d6
Concen: 108.533 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127851.D
Acq: 19 Apr 2022 20:09

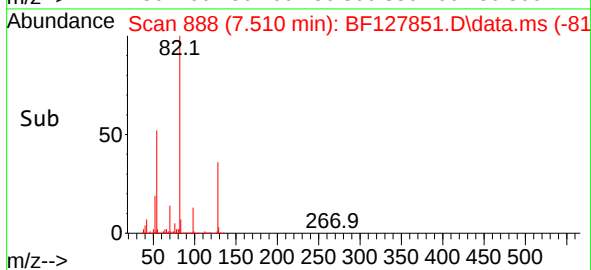
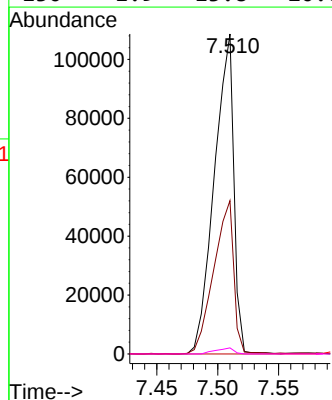
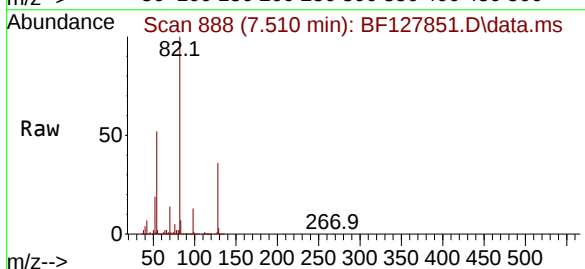
Instrument :
BNA_F
ClientSampleId :
WC-15-1-5

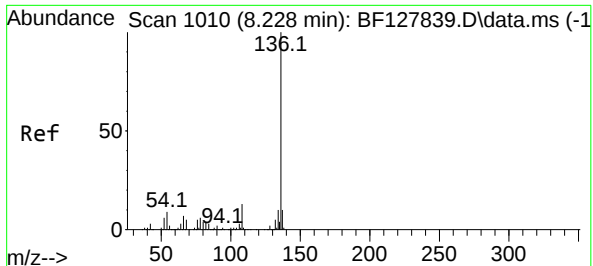
Tgt Ion: 99 Resp: 939943
Ion Ratio Lower Upper
99 100
42 23.3 17.8 26.6
71 44.7 29.6 44.4#



#19
n-Nitroso-di-n-propylamine
Concen: 20.350 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF127851.D
Acq: 19 Apr 2022 20:09

Tgt Ion: 70 Resp: 120969
Ion Ratio Lower Upper
70 100
42 47.9 53.0 79.6#
101 0.0 6.8 10.2#
130 1.9 13.8 20.6#

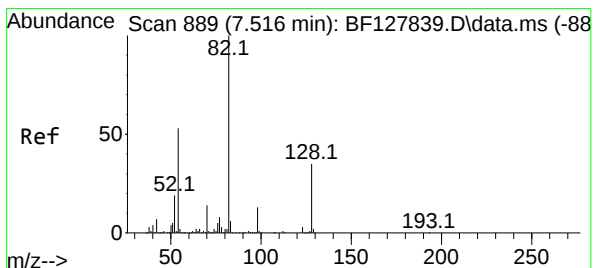
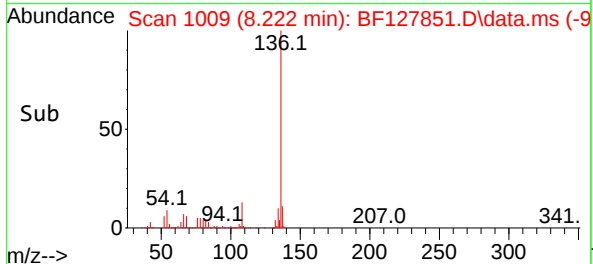
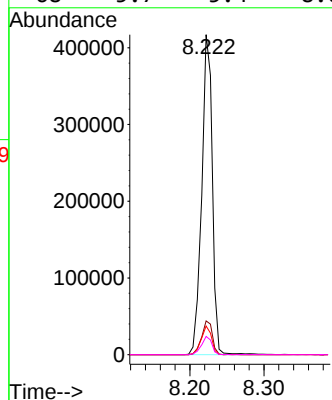
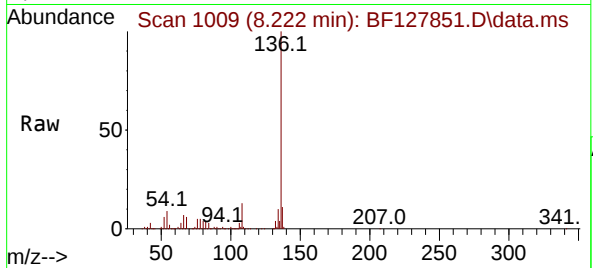




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127851.D
Acq: 19 Apr 2022 20:09

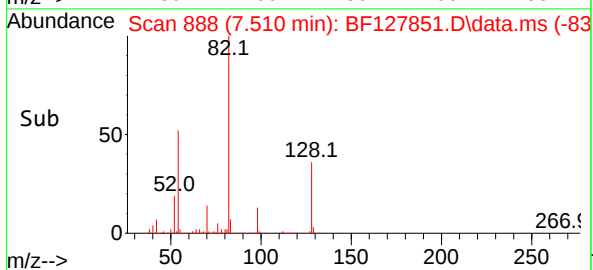
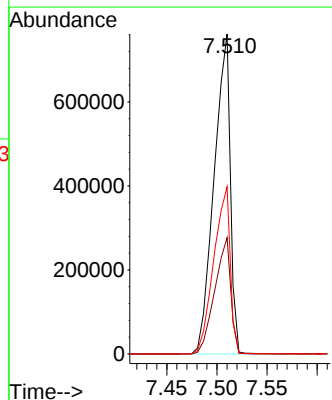
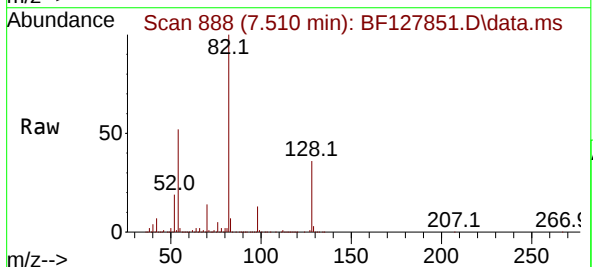
Instrument :
BNA_F
ClientSampleId :
WC-15-1-5

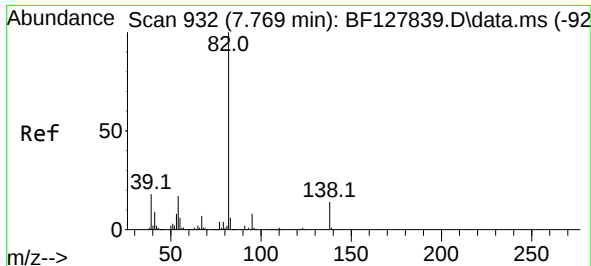
Tgt Ion:136 Resp: 416203
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.0 9.2 13.8#
68 5.7 5.4 8.0



#23
Nitrobenzene-d5
Concen: 95.409 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF127851.D
Acq: 19 Apr 2022 20:09

Tgt Ion: 82 Resp: 856229
Ion Ratio Lower Upper
82 100
128 36.3 30.6 45.8
54 52.3 48.2 72.2

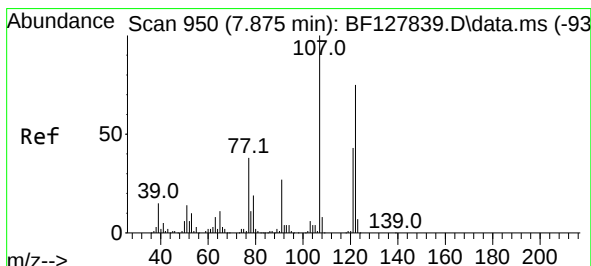
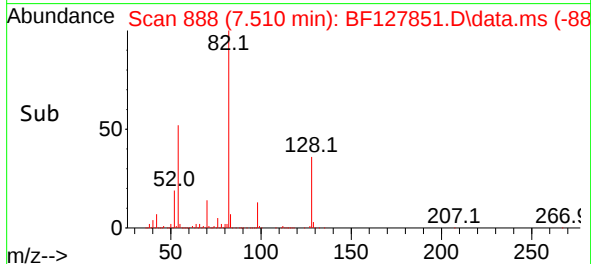
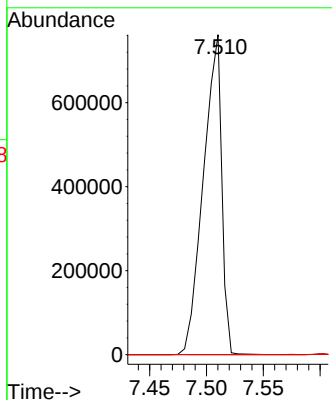
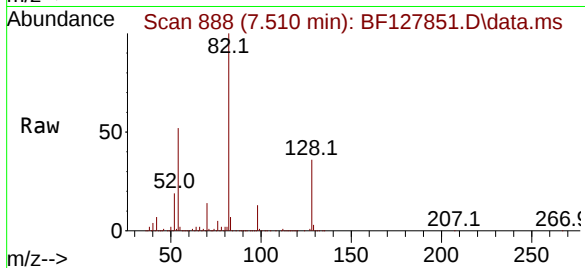




#25
Isophorone
Concen: 56.519 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127851.D
Acq: 19 Apr 2022 20:09

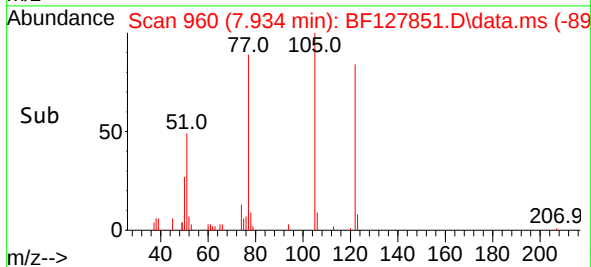
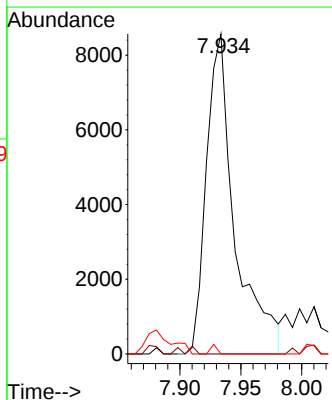
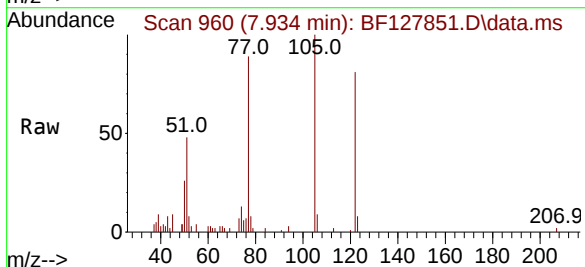
Instrument :
BNA_F
Client SampleId :
WC-15-1-5

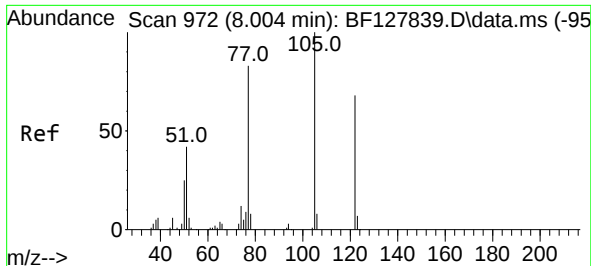
Tgt Ion: 82 Resp: 853422
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



#27
2,4-Dimethylphenol
Concen: 2.410 ng
RT: 7.934 min Scan# 960
Delta R.T. 0.059 min
Lab File: BF127851.D
Acq: 19 Apr 2022 20:09

Tgt Ion: 122 Resp: 13892
Ion Ratio Lower Upper
122 100
107 0.0 93.0 139.4#
121 0.0 44.9 67.3#

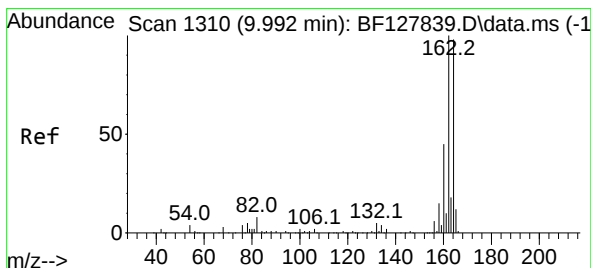
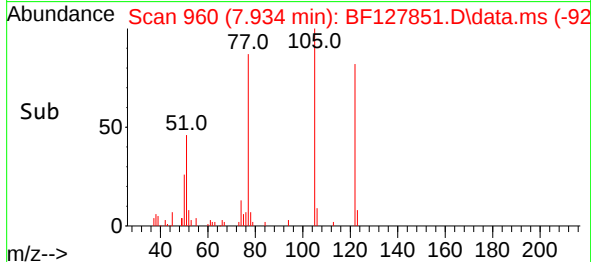
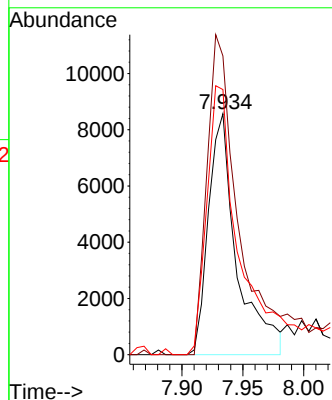
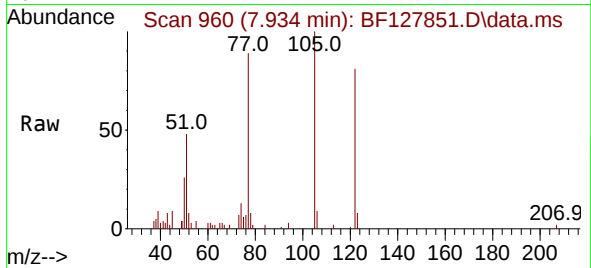




#32
Benzoic acid
Concen: 3.368 ng
RT: 7.934 min Scan# 91
Delta R.T. -0.071 min
Lab File: BF127851.D
Acq: 19 Apr 2022 20:09

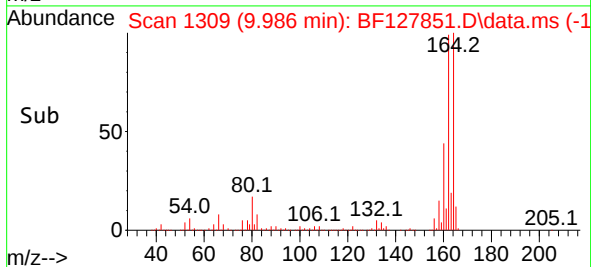
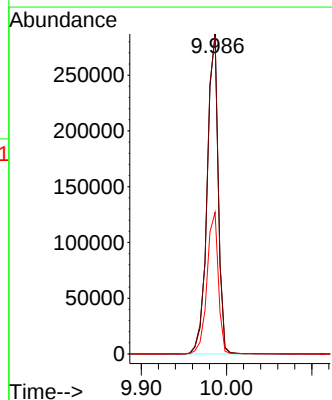
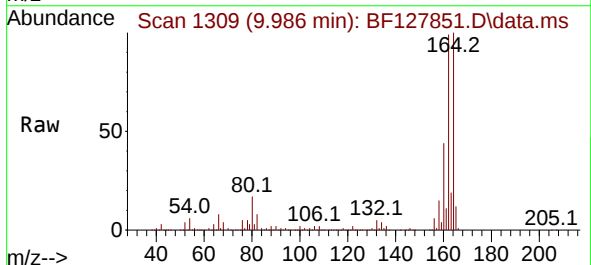
Instrument :
BNA_F
ClientSampleId :
WC-15-1-5

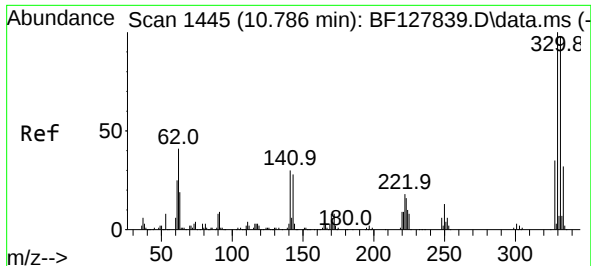
Tgt Ion:122 Resp: 13892
Ion Ratio Lower Upper
122 100
105 124.0 117.1 157.1
77 110.1 93.0 133.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF127851.D
Acq: 19 Apr 2022 20:09

Tgt Ion:164 Resp: 256798
Ion Ratio Lower Upper
164 100
162 99.5 81.2 121.8
160 44.2 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 99.938 ng

RT: 10.780 min Scan# 1445

Delta R.T. -0.006 min

Lab File: BF127851.D

Acq: 19 Apr 2022 20:09

Instrument :

BNA_F

ClientSampleId :

WC-15-1-5

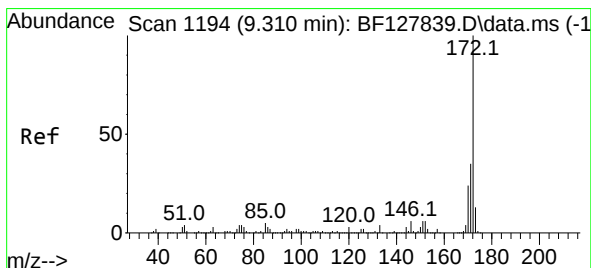
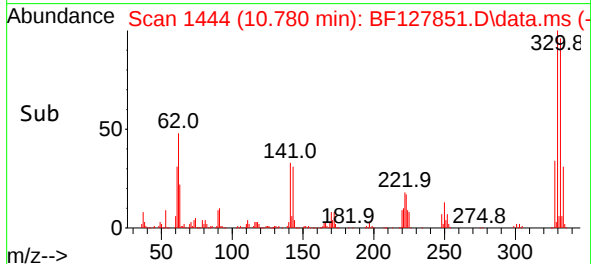
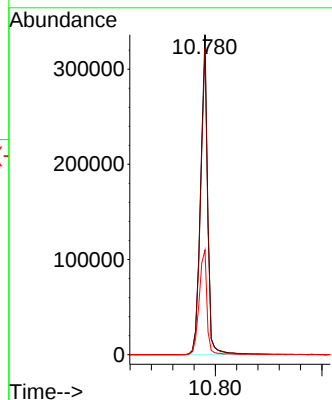
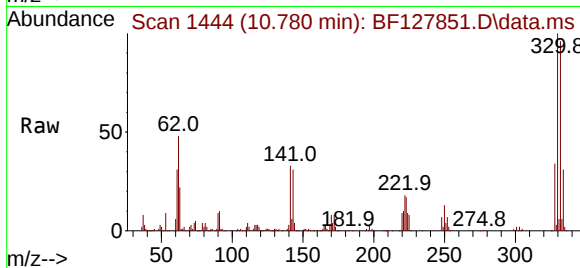
Tgt Ion:330 Resp: 312630

Ion Ratio Lower Upper

330 100

332 95.4 79.1 118.7

141 35.8 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 72.378 ng

RT: 9.304 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF127851.D

Acq: 19 Apr 2022 20:09

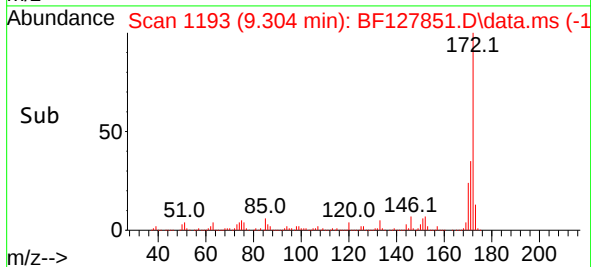
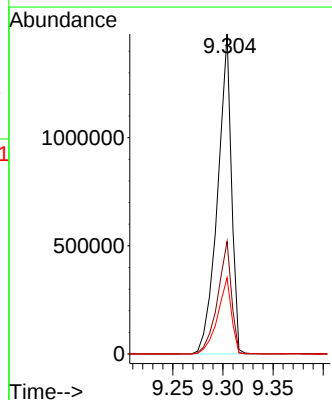
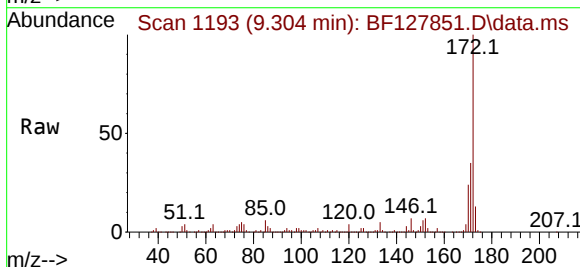
Tgt Ion:172 Resp: 1422998

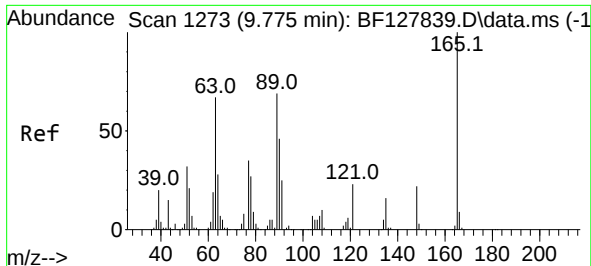
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.8 18.6 27.8





#51

2,6-Dinitrotoluene

Concen: 8.547 ng

RT: 9.986 min Scan# 1309

Delta R.T. 0.212 min

Lab File: BF127851.D

Acq: 19 Apr 2022 20:09

Instrument :

BNA_F

ClientSampleId :

WC-15-1-5

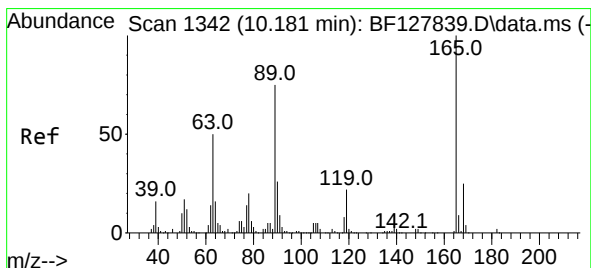
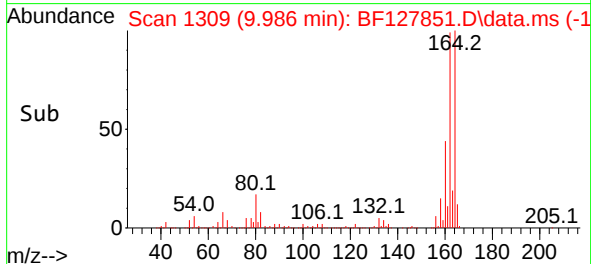
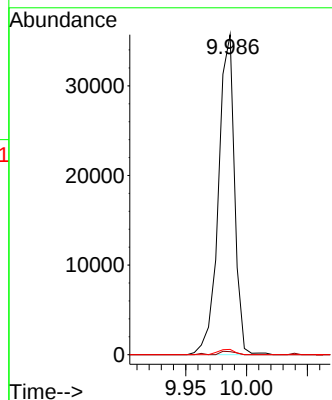
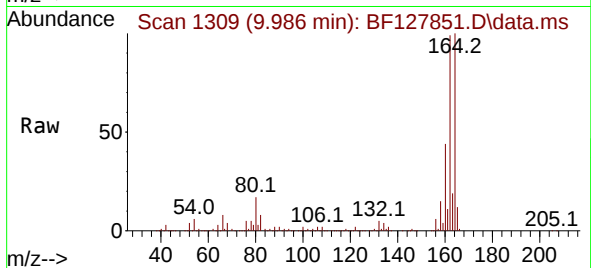
Tgt Ion:165 Resp: 32782

Ion Ratio Lower Upper

165 100

63 1.0 58.3 87.5#

89 1.6 51.5 77.3#



#57

2,4-Dinitrotoluene

Concen: 6.826 ng

RT: 9.986 min Scan# 1309

Delta R.T. -0.194 min

Lab File: BF127851.D

Acq: 19 Apr 2022 20:09

Tgt Ion:165 Resp: 32782

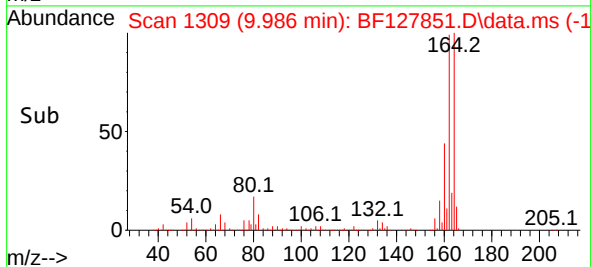
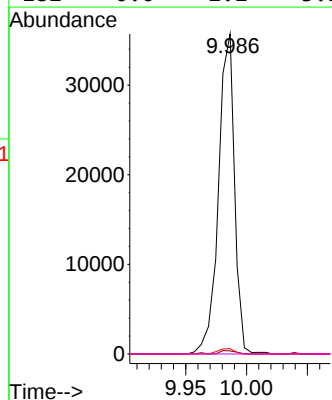
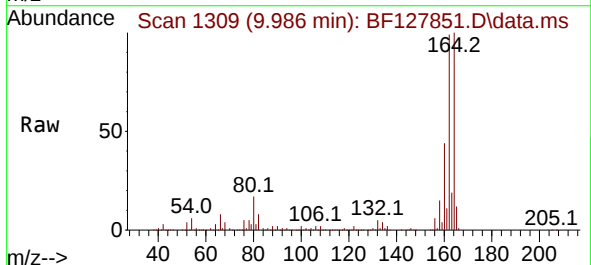
Ion Ratio Lower Upper

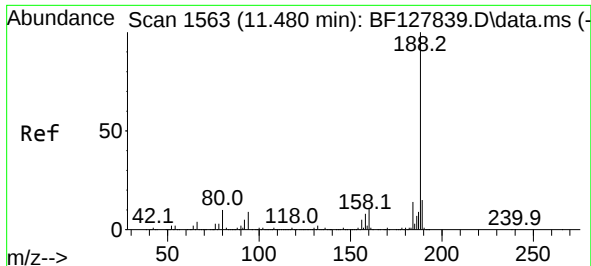
165 100

63 1.0 53.1 79.7#

89 1.6 69.2 103.8#

182 0.0 2.2 3.2#

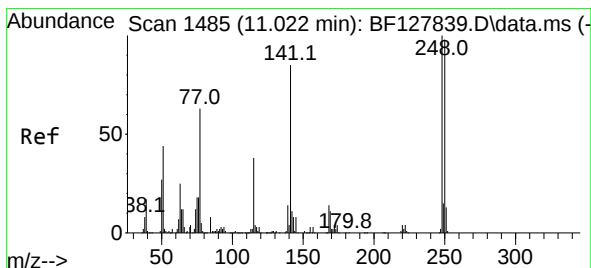
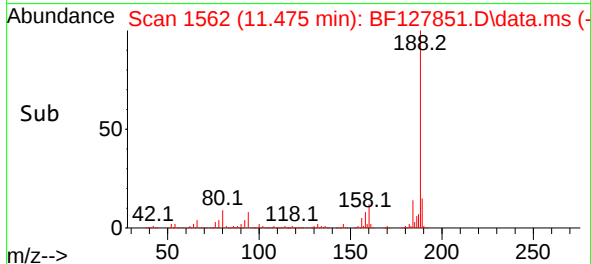
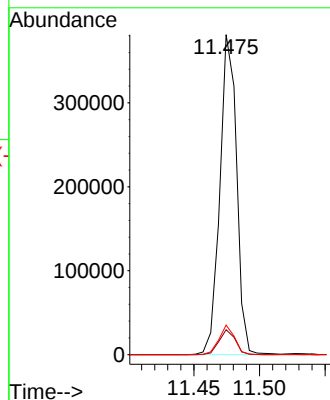
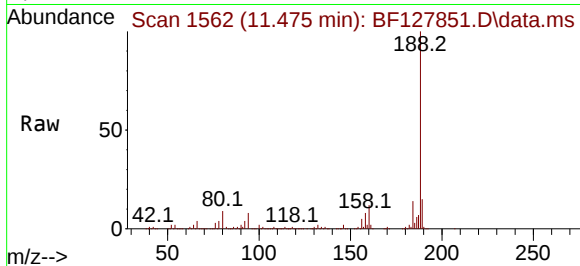




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF127851.D
Acq: 19 Apr 2022 20:09

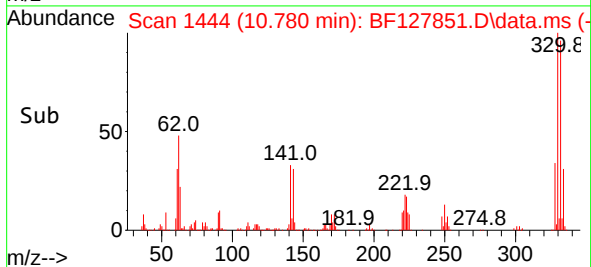
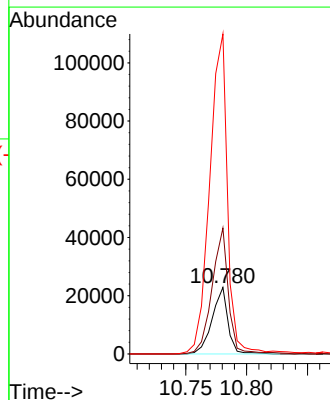
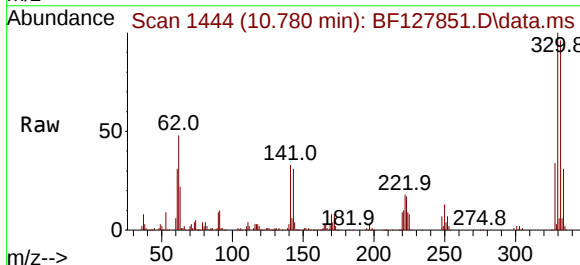
Instrument :
BNA_F
ClientSampleId :
WC-15-1-5

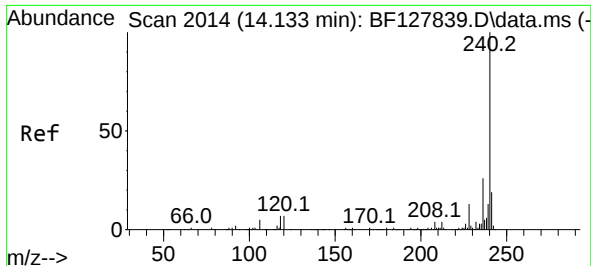
Tgt Ion:188 Resp: 338161
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.0
80 9.2 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.511 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.241 min
Lab File: BF127851.D
Acq: 19 Apr 2022 20:09

Tgt Ion:248 Resp: 20675
Ion Ratio Lower Upper
248 100
250 189.1 76.6 115.0#
141 480.9 52.2 78.2#

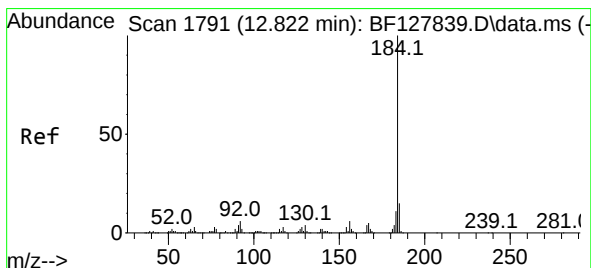
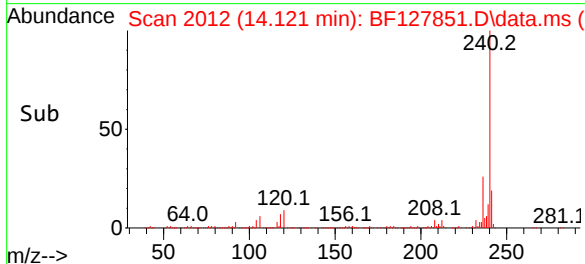
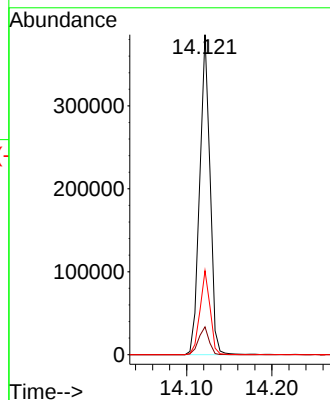
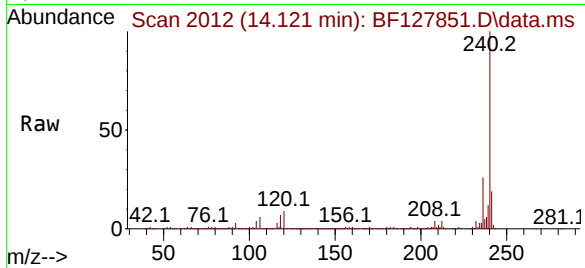




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF127851.D
Acq: 19 Apr 2022 20:09

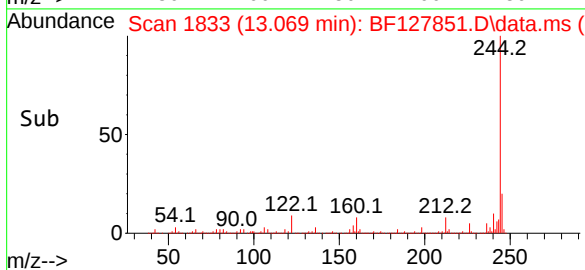
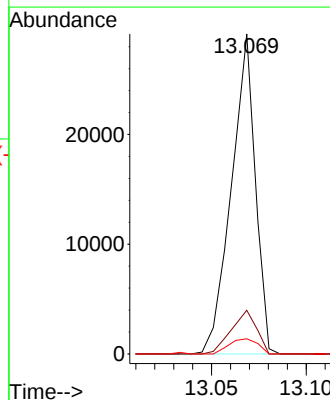
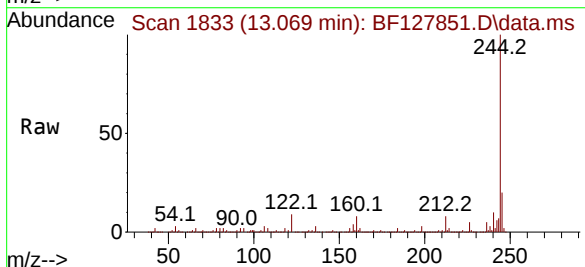
Instrument :
BNA_F
ClientSampleId :
WC-15-1-5

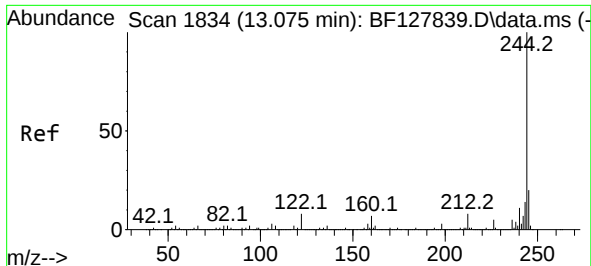
Tgt Ion:240 Resp: 325269
Ion Ratio Lower Upper
240 100
120 8.7 7.1 10.7
236 26.3 20.7 31.1



#77
Benzidine
Concen: 3.052 ng
RT: 13.069 min Scan# 1833
Delta R.T. 0.247 min
Lab File: BF127851.D
Acq: 19 Apr 2022 20:09

Tgt Ion:184 Resp: 25614
Ion Ratio Lower Upper
184 100
185 13.6 12.2 18.2
183 4.8 9.4 14.0#

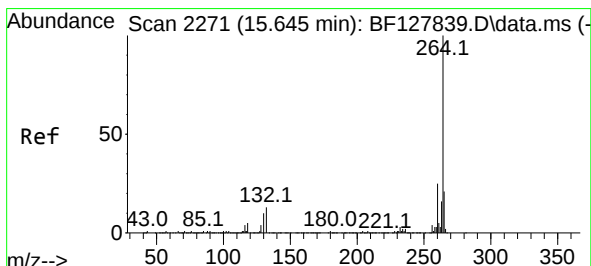
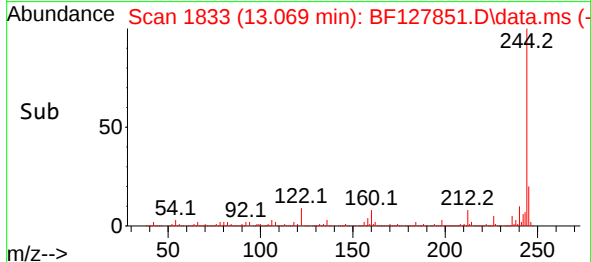
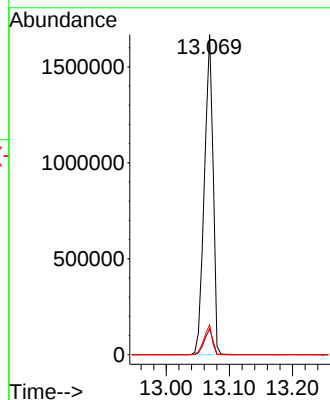
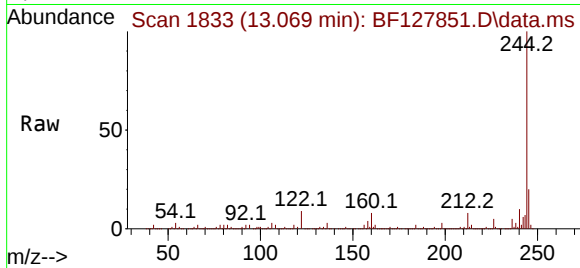




#79
 Terphenyl-d14
 Concen: 76.912 ng
 RT: 13.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127851.D
 Acq: 19 Apr 2022 20:09

Instrument :
 BNA_F
 ClientSampleId :
 WC-15-1-5

Tgt Ion:244 Resp: 1593808
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.7 8.5
 122 9.3 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF127851.D
 Acq: 19 Apr 2022 20:09

Tgt Ion:264 Resp: 280663
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.4 17.4 26.2

