

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
 Data File : BF128228.D
 Acq On : 12 May 2022 21:28
 Operator : CG\JU
 Sample : N2804-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FETWP-1

Quant Time: May 13 05:16:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

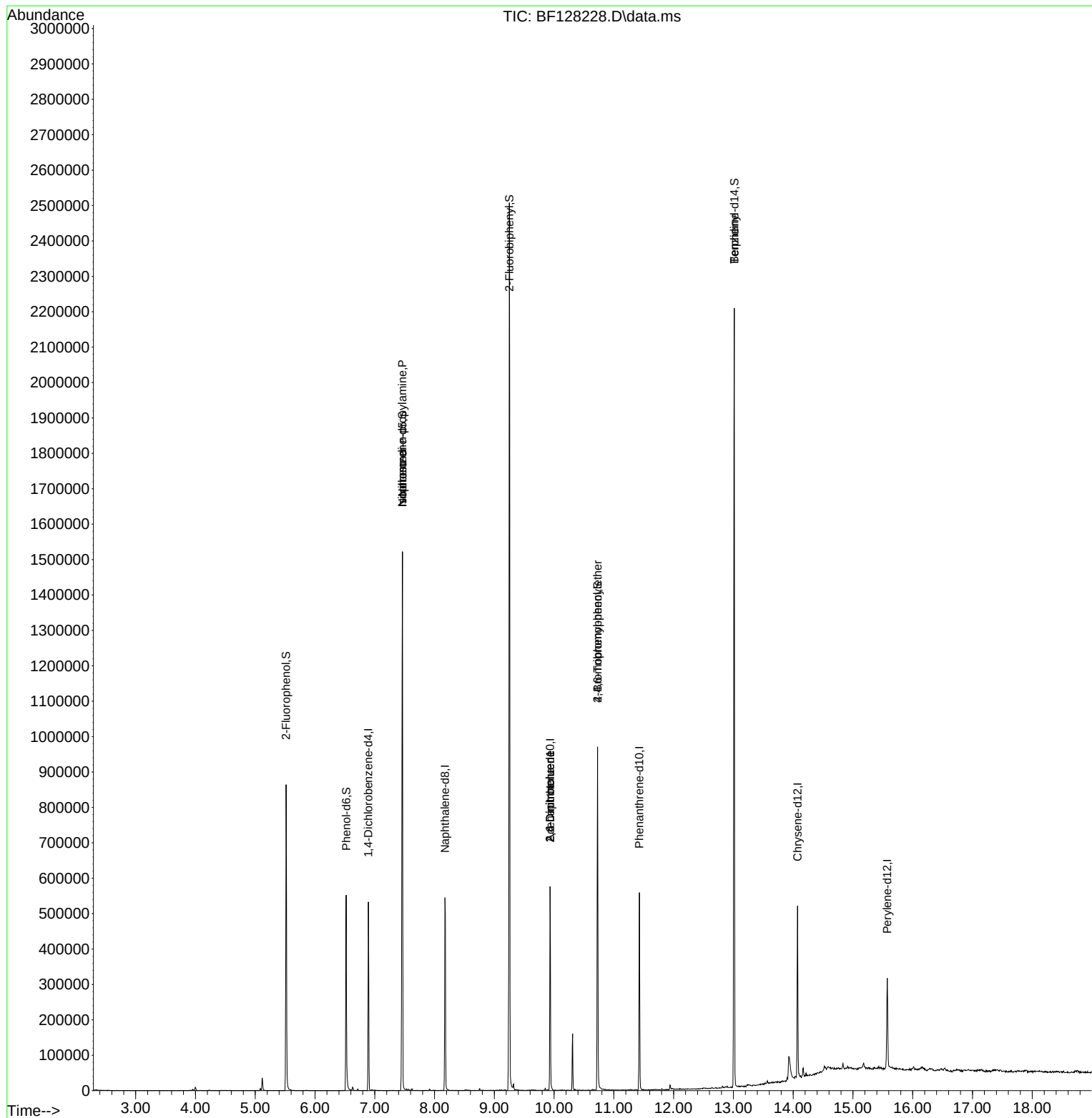
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	68555	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	238394	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	114521	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	188790	20.000	ng	0.00
76) Chrysene-d12	14.074	240	158430	20.000	ng	0.00
86) Perylene-d12	15.574	264	114191	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	208017	48.371	ng	0.00
7) Phenol-d6	6.522	99	162866	28.633	ng	0.00
23) Nitrobenzene-d5	7.463	82	518405	97.848	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	112440	85.609	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	767628	104.880	ng	0.00
79) Terphenyl-d14	13.016	244	742650	87.958	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	119	Below Cal		92
19) n-Nitroso-di-n-propyla...	7.463	70	70850	20.227 ng	#	78
25) Isophorone	7.463	82	518398	62.412 ng	#	68
51) 2,6-Dinitrotoluene	9.933	165	14922	9.205 ng	#	21
57) 2,4-Dinitrotoluene	9.933	165	14922	6.884 ng	#	25
67) 4-Bromophenyl-phenylether	10.727	248	6516	3.208 ng	#	1
77) Benizidine	13.016	184	11322	3.300 ng	#	91

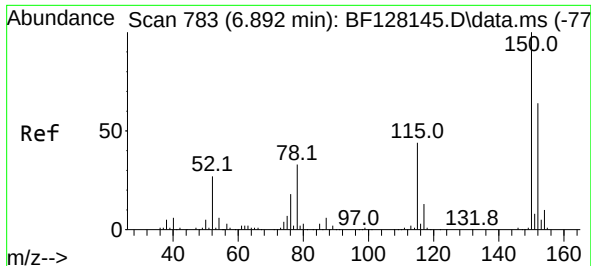
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: May 13 05:16:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

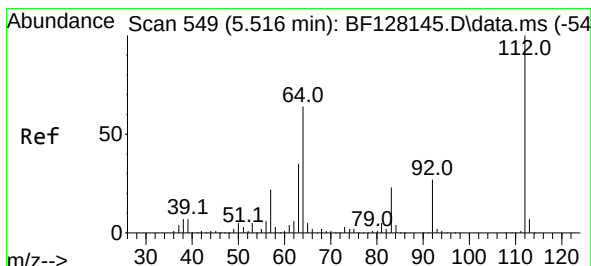
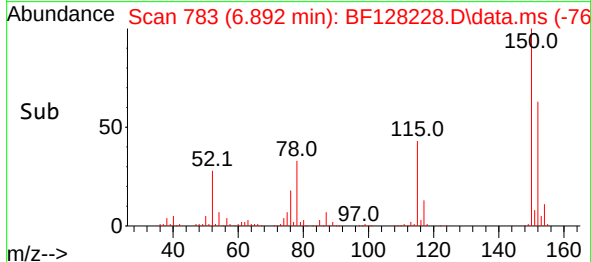
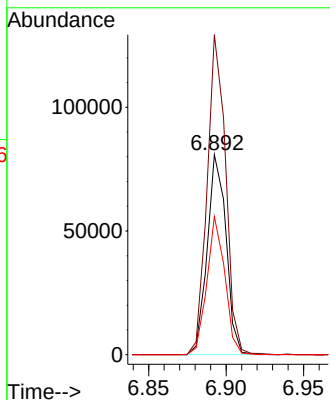
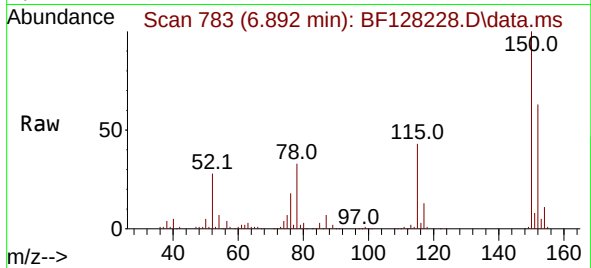




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF128228.D
Acq: 12 May 2022 21:28

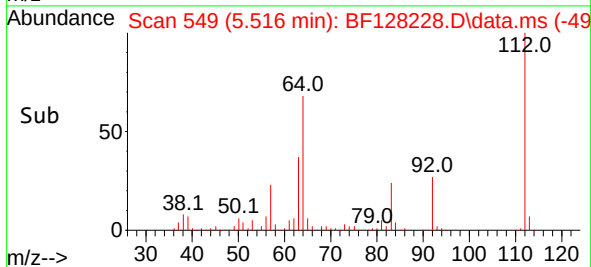
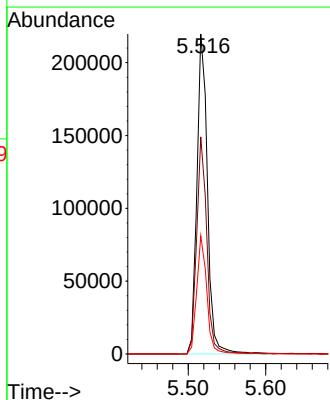
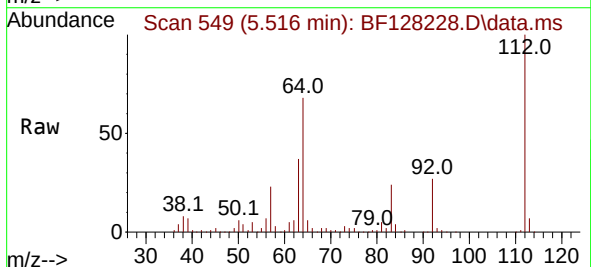
Instrument :
BNA_F
ClientSampleId :
FETWP-1

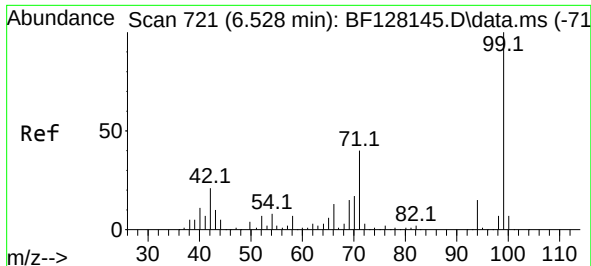
Tgt Ion:152 Resp: 68555
Ion Ratio Lower Upper
152 100
150 159.9 125.3 187.9
115 69.0 48.8 73.2



#5
2-Fluorophenol
Concen: 48.371 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF128228.D
Acq: 12 May 2022 21:28

Tgt Ion:112 Resp: 208017
Ion Ratio Lower Upper
112 100
64 67.9 49.5 74.3
63 36.9 26.3 39.5

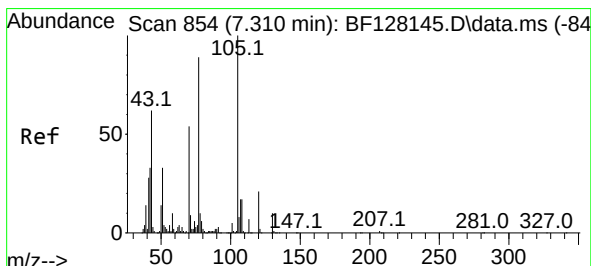
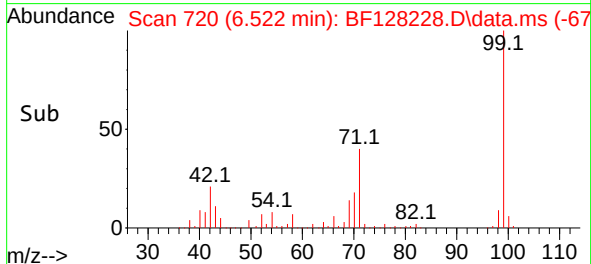
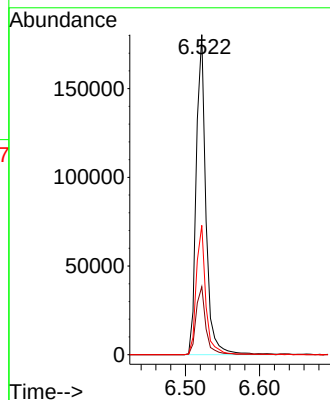
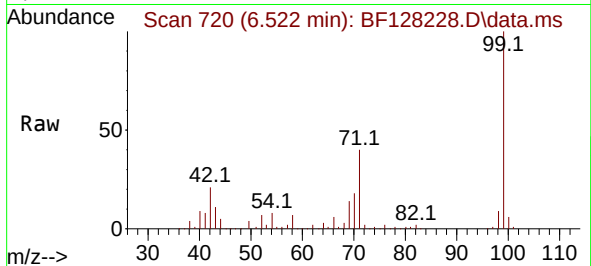




#7
Phenol-d6
Concen: 28.633 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128228.D
Acq: 12 May 2022 21:28

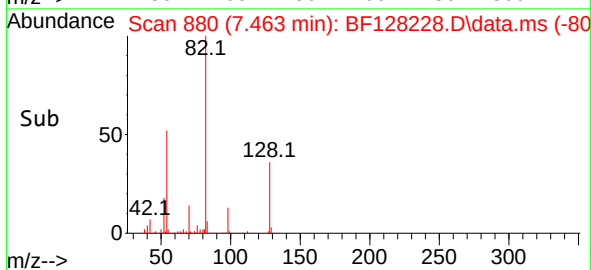
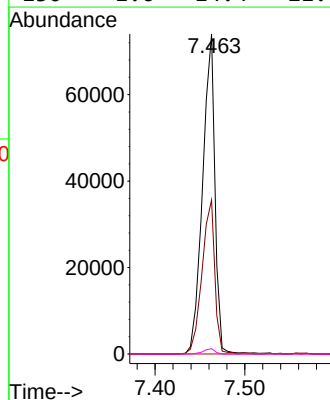
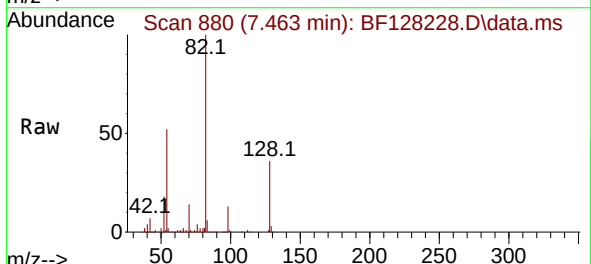
Instrument :
BNA_F
ClientSampleId :
FETWP-1

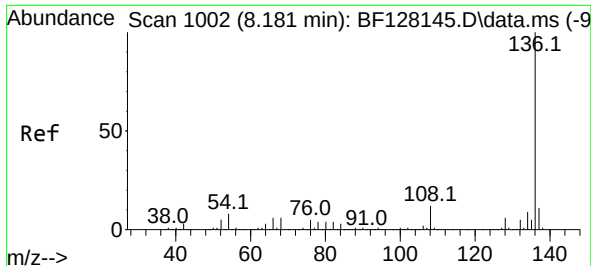
Tgt Ion: 99 Resp: 162866
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 40.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.227 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.153 min
Lab File: BF128228.D
Acq: 12 May 2022 21:28

Tgt Ion: 70 Resp: 70850
Ion Ratio Lower Upper
70 100
42 48.1 48.7 73.1#
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

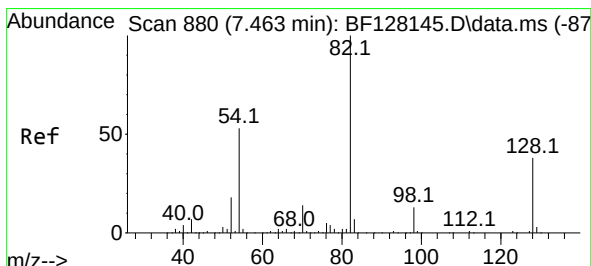
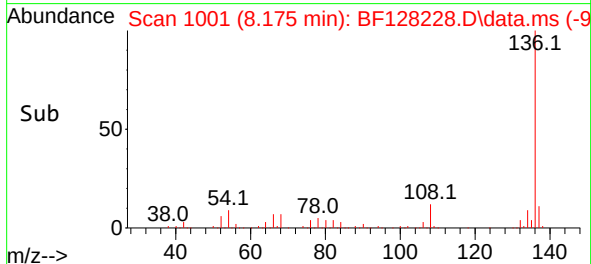
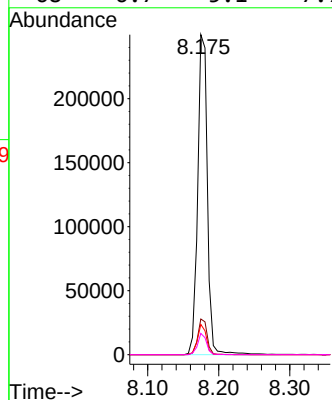
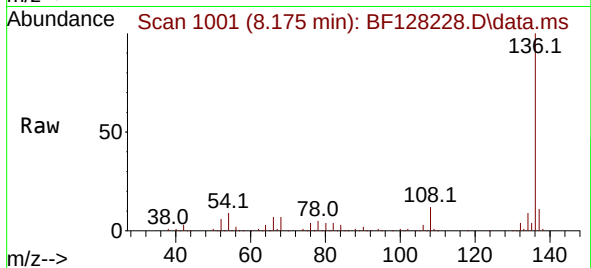




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128228.D
Acq: 12 May 2022 21:28

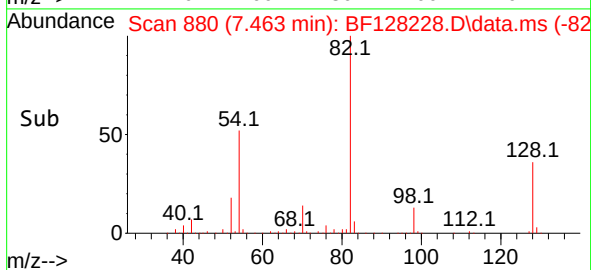
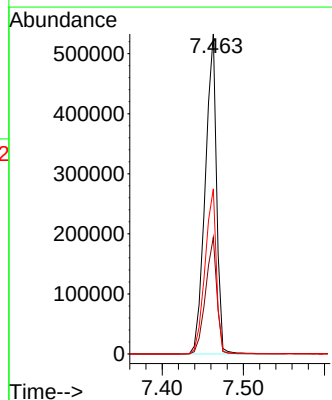
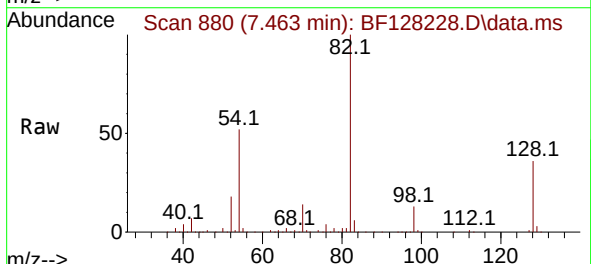
Instrument :
BNA_F
ClientSampleId :
FETWP-1

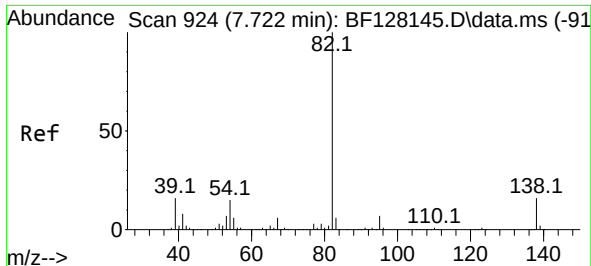
Tgt Ion:136	Resp: 238394
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 9.4	6.8 10.2
68 6.7	5.1 7.7



#23
Nitrobenzene-d5
Concen: 97.848 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF128228.D
Acq: 12 May 2022 21:28

Tgt Ion: 82	Resp: 518405
Ion Ratio	Lower Upper
82 100	
128 36.5	30.0 45.0
54 51.6	41.3 61.9

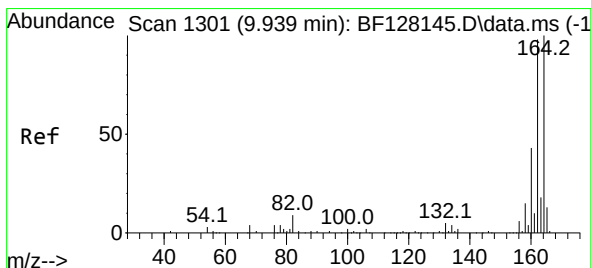
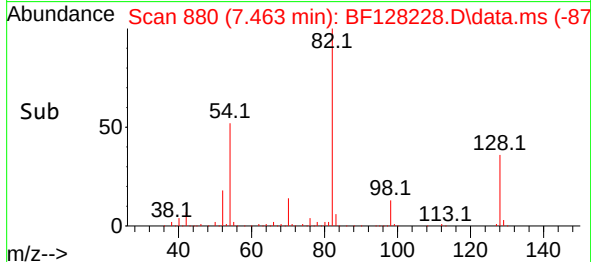
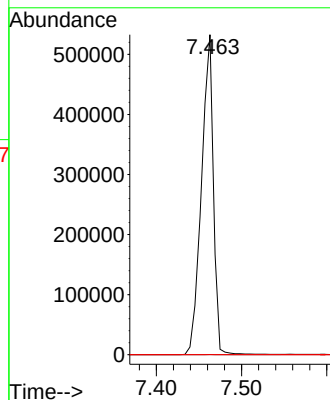
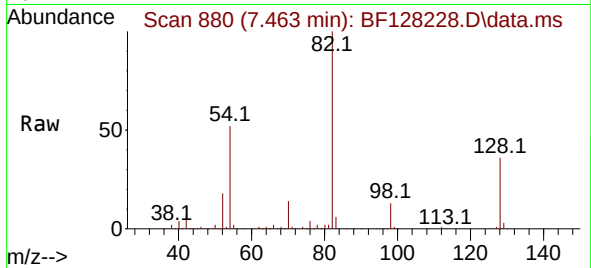




#25
Isophorone
Concen: 62.412 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128228.D
Acq: 12 May 2022 21:28

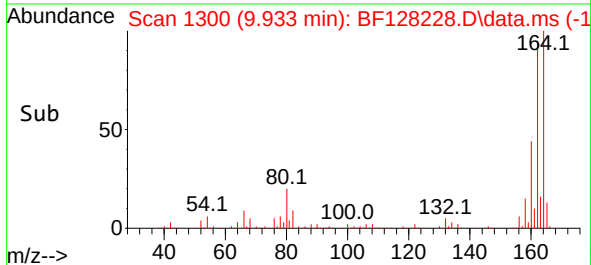
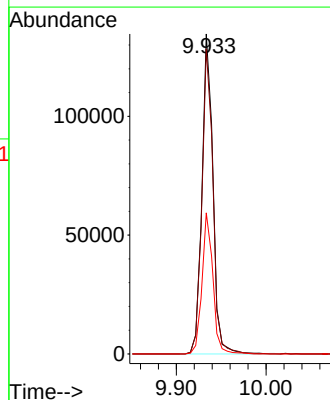
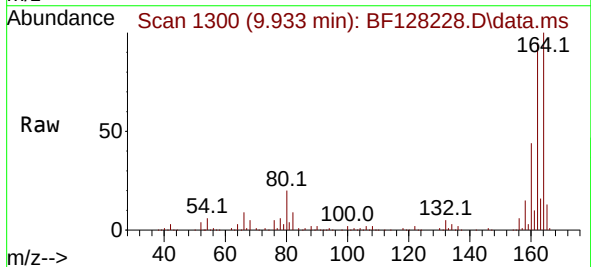
Instrument :
BNA_F
ClientSampleId :
FETWP-1

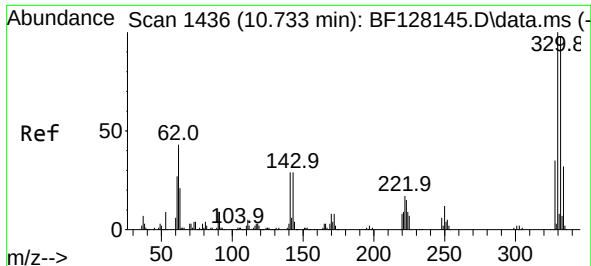
Tgt Ion: 82 Resp: 518398
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128228.D
Acq: 12 May 2022 21:28

Tgt Ion:164 Resp: 114521
Ion Ratio Lower Upper
164 100
162 95.4 76.0 114.0
160 44.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 85.609 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128228.D

Acq: 12 May 2022 21:28

Instrument :

BNA_F

ClientSampleId :

FETWP-1

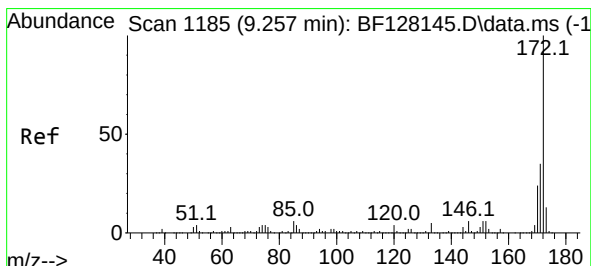
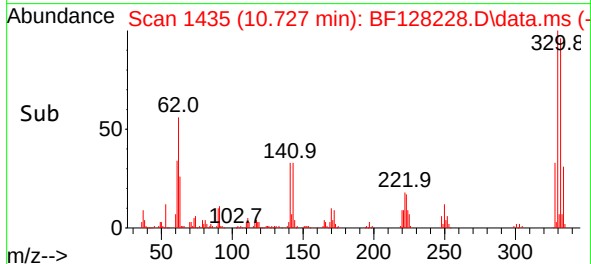
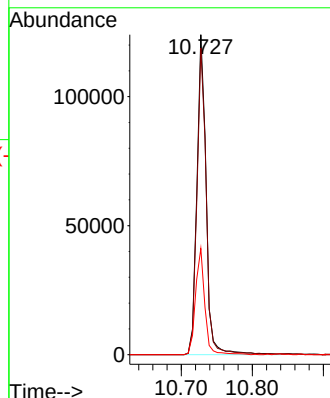
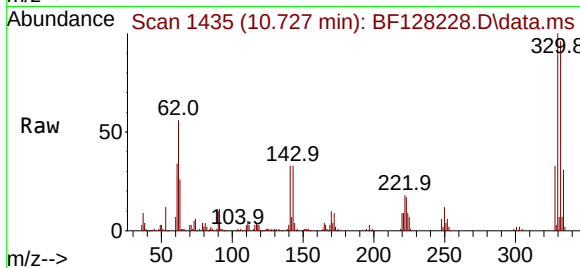
Tgt Ion:330 Resp: 112440

Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.4

141 33.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 104.880 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128228.D

Acq: 12 May 2022 21:28

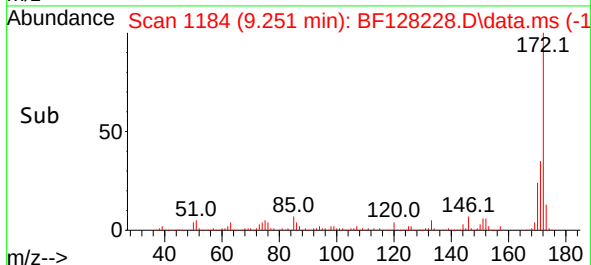
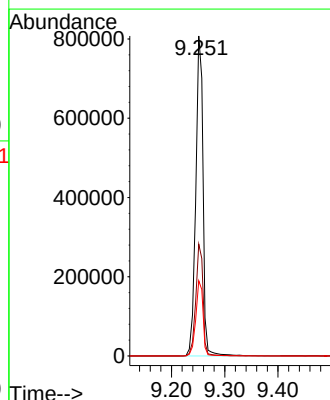
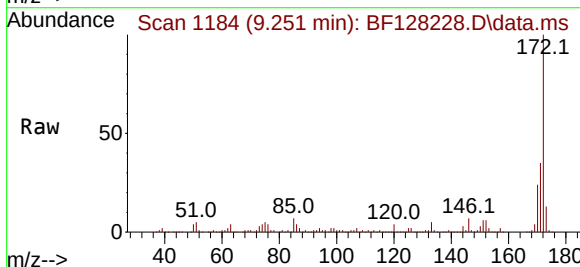
Tgt Ion:172 Resp: 767628

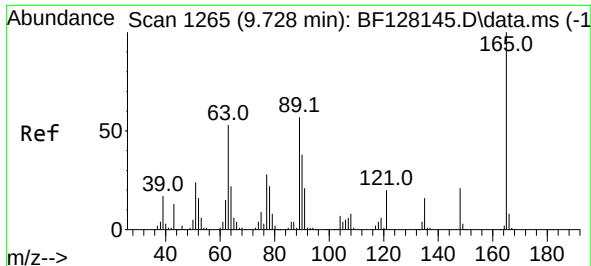
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.5 19.1 28.7

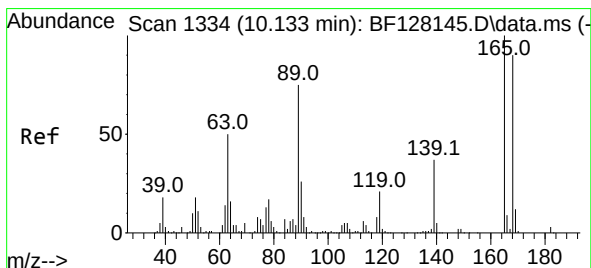
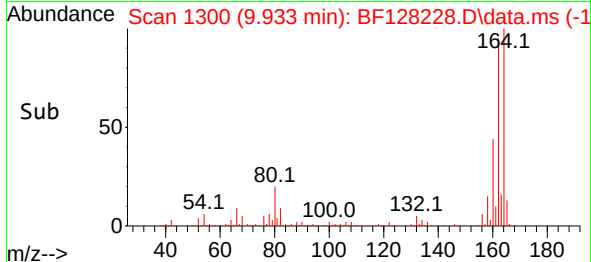
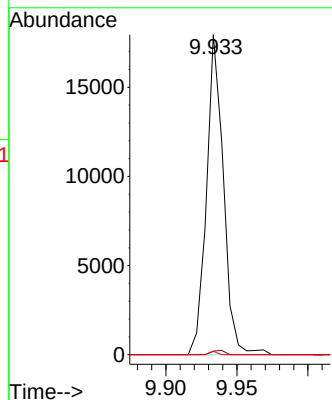
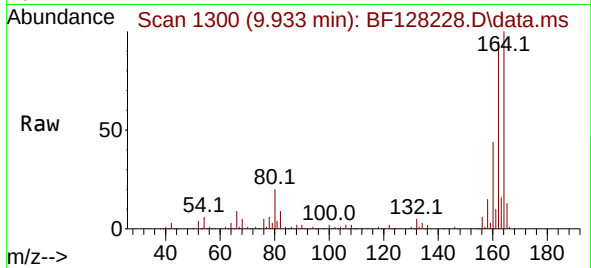




#51
2,6-Dinitrotoluene
Concen: 9.205 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128228.D
Acq: 12 May 2022 21:28

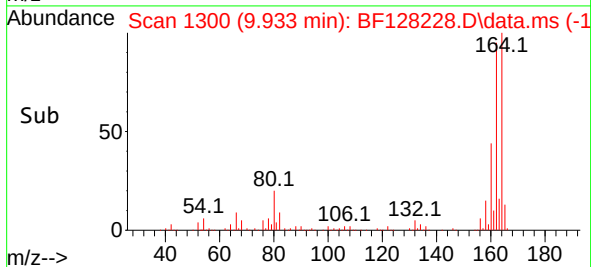
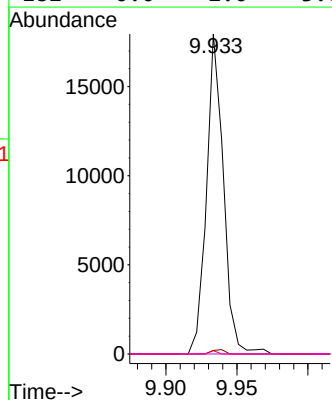
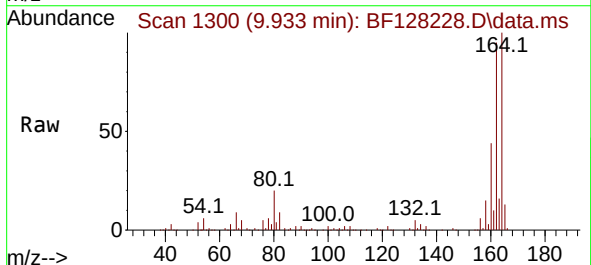
Instrument :
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FETWP-1

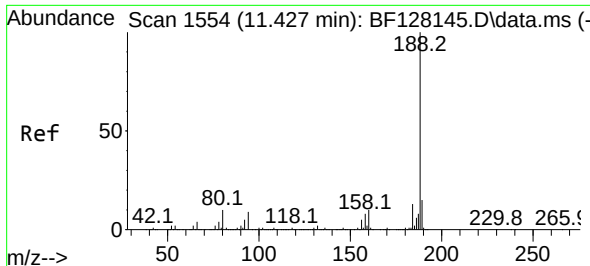
Tgt Ion:165 Resp: 14922
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.0 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.884 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128228.D
Acq: 12 May 2022 21:28

Tgt Ion:165 Resp: 14922
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.0 55.2 82.8#
182 0.0 2.0 3.0#

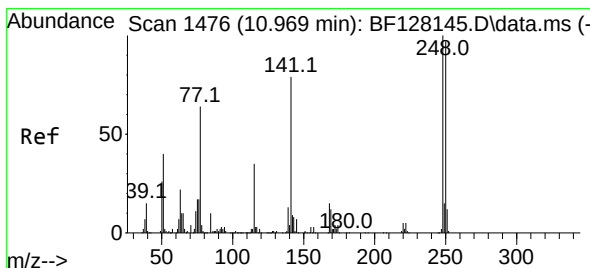
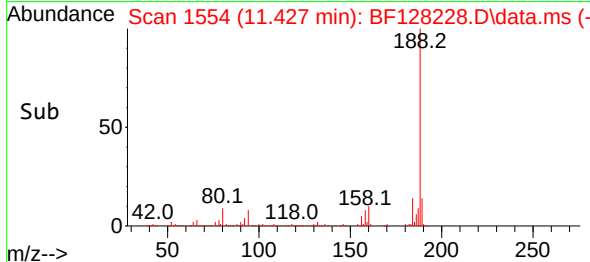
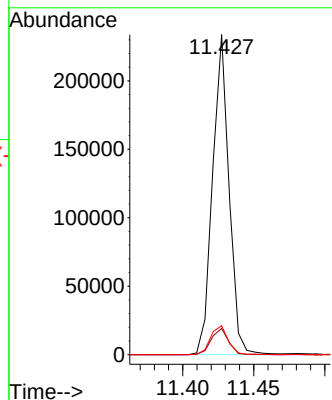
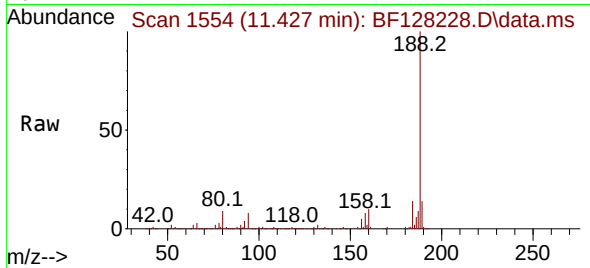




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128228.D
Acq: 12 May 2022 21:28

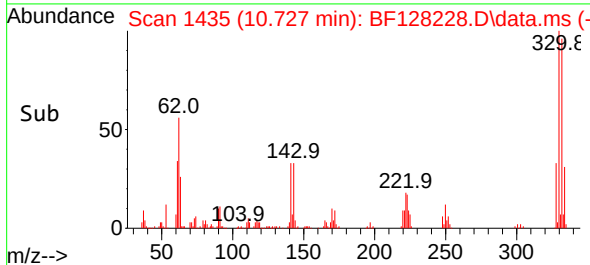
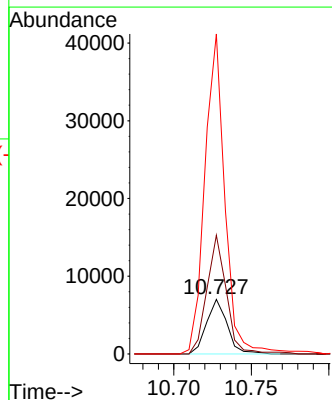
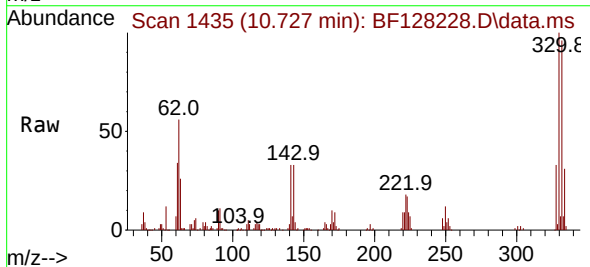
Instrument :
BNA_F
ClientSampleId :
FETWP-1

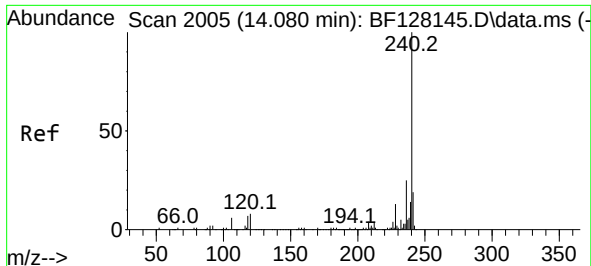
Tgt Ion:188 Resp: 188790
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 9.0 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.208 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128228.D
Acq: 12 May 2022 21:28

Tgt Ion:248 Resp: 6516
Ion Ratio Lower Upper
248 100
250 217.5 77.7 116.5#
141 585.9 65.6 98.4#

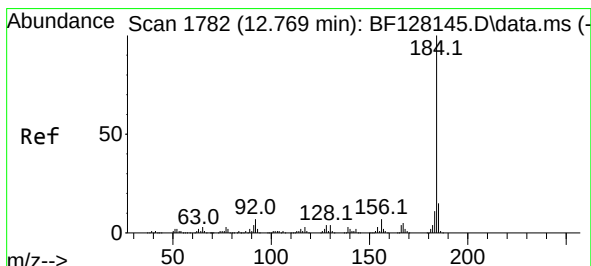
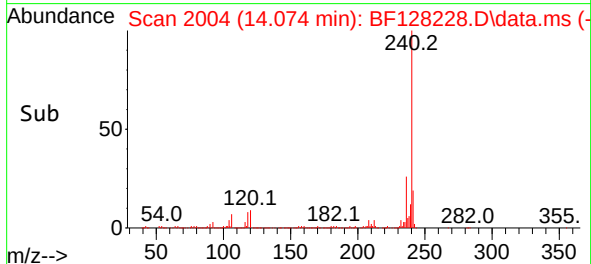
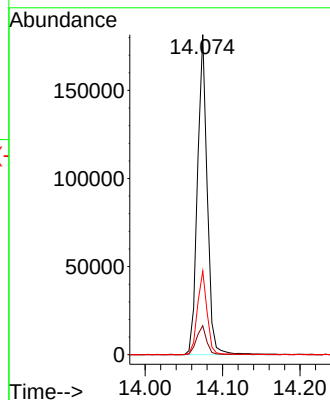
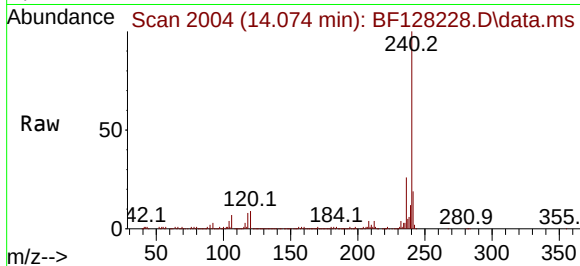




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF128228.D
Acq: 12 May 2022 21:28

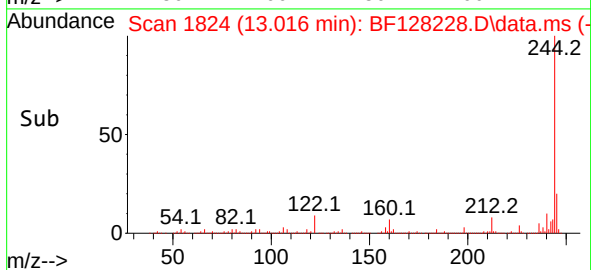
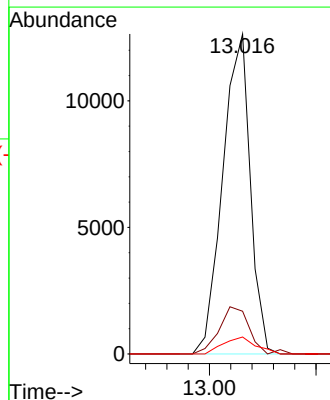
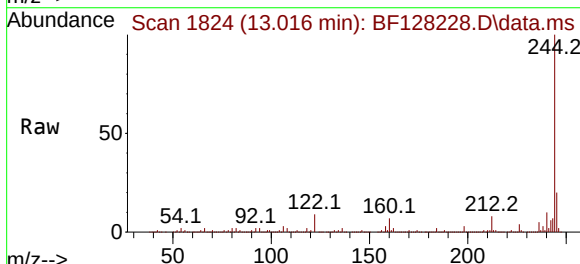
Instrument :
BNA_F
ClientSampleId :
FETWP-1

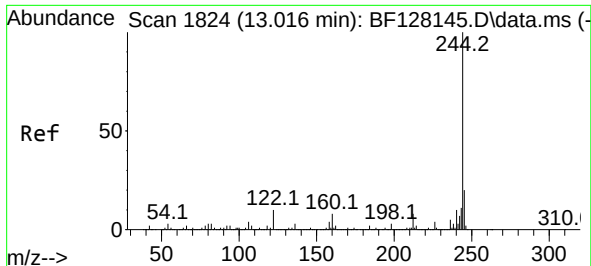
Tgt Ion:240 Resp: 158430
Ion Ratio Lower Upper
240 100
120 9.0 7.0 10.6
236 26.2 20.3 30.5



#77
Benzidine
Concen: 3.300 ng
RT: 13.016 min Scan# 1824
Delta R.T. 0.247 min
Lab File: BF128228.D
Acq: 12 May 2022 21:28

Tgt Ion:184 Resp: 11322
Ion Ratio Lower Upper
184 100
185 13.4 12.1 18.1
183 5.3 9.0 13.4#

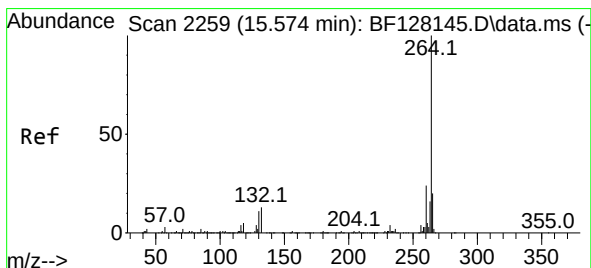
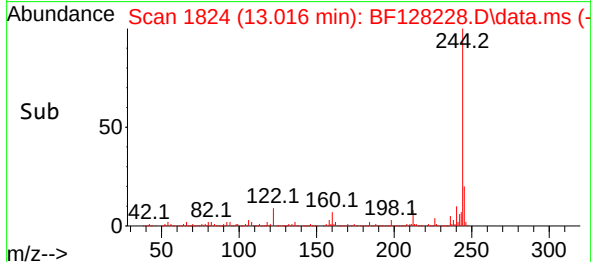
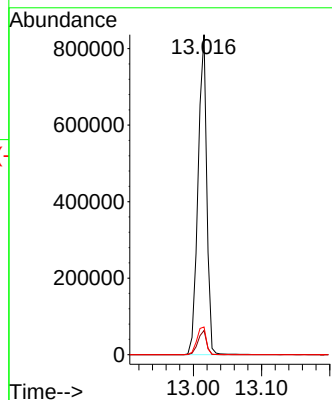
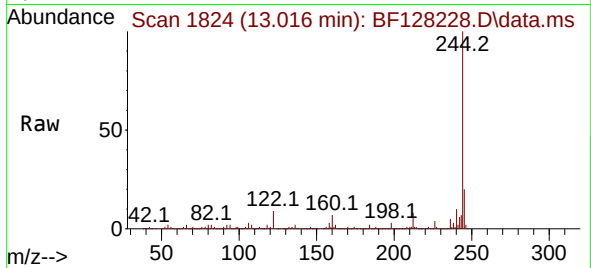




#79
 Terphenyl-d14
 Concen: 87.958 ng
 RT: 13.016 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF128228.D
 Acq: 12 May 2022 21:28

Instrument :
 BNA_F
 ClientSampleId :
 FETWP-1

Tgt Ion:244 Resp: 742650
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2259
 Delta R.T. -0.000 min
 Lab File: BF128228.D
 Acq: 12 May 2022 21:28

Tgt Ion:264 Resp: 114191
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.1 30.1
 265 21.4 17.5 26.3

