

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
 Data File : BF128225.D
 Acq On : 12 May 2022 20:00
 Operator : CG\JU
 Sample : N2804-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FETWP-2

Quant Time: May 13 05:15:39 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)

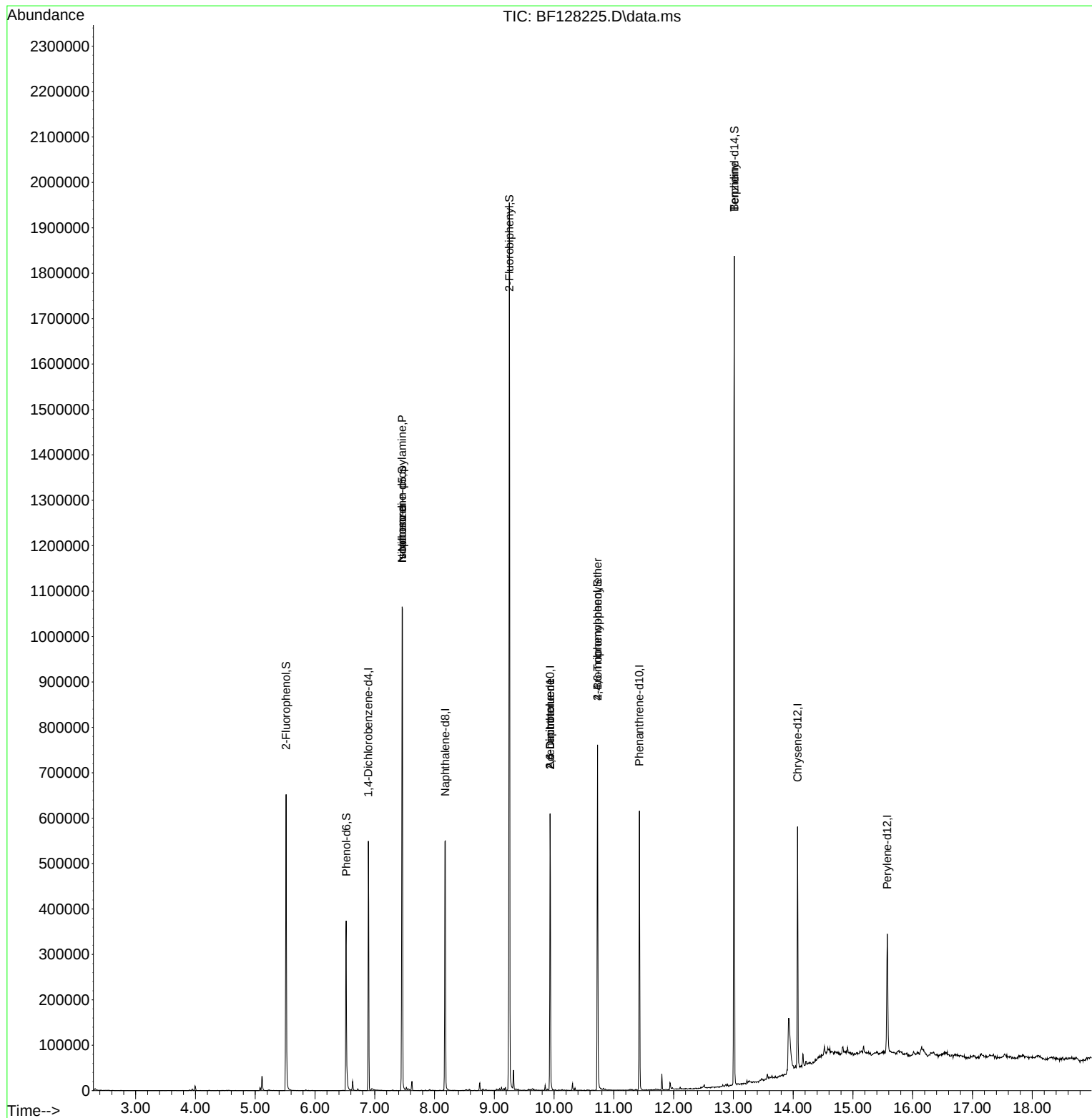
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	71333	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	250235	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	121807	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	207713	20.000	ng	0.00
76) Chrysene-d12	14.074	240	168996	20.000	ng	0.00
86) Perylene-d12	15.574	264	125777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	153895	34.392	ng	0.00
7) Phenol-d6	6.522	99	118726	20.060	ng	0.00
23) Nitrobenzene-d5	7.457	82	386654	69.527	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	84568	60.536	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	577163	74.140	ng	0.00
79) Terphenyl-d14	13.015	244	587459	65.227	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.451	77	53	Below Cal	#	41
19) n-Nitroso-di-n-propyla...	7.457	70	52395	14.375	ng	# 79
25) Isophorone	7.457	82	383966	44.040	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	15821	9.175	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	15821	6.862	ng	# 26
67) 4-Bromophenyl-phenylether	10.727	248	4953	2.216	ng	# 1
77) Benzydine	13.015	184	8678	2.371	ng	# 96

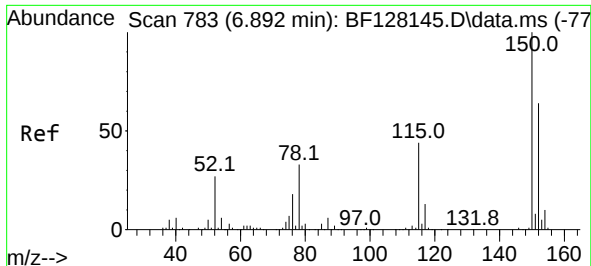
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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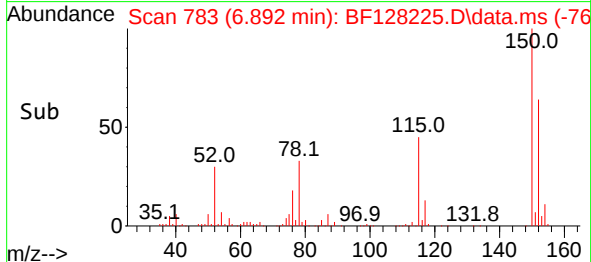
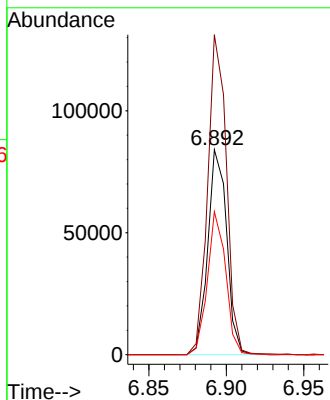
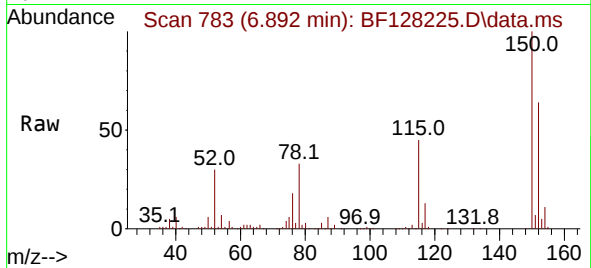




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128225.D
Acq: 12 May 2022 20:00

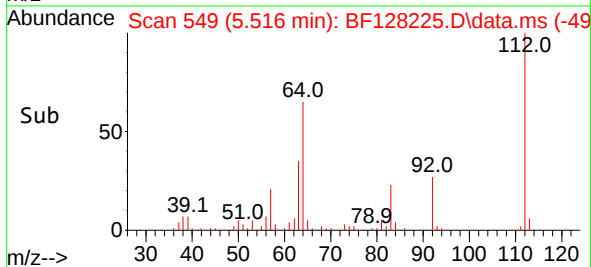
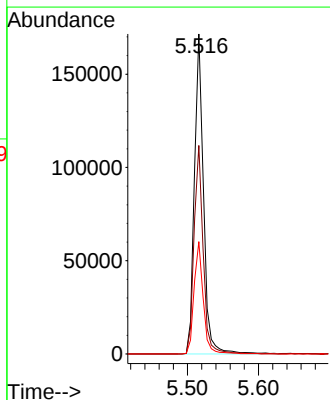
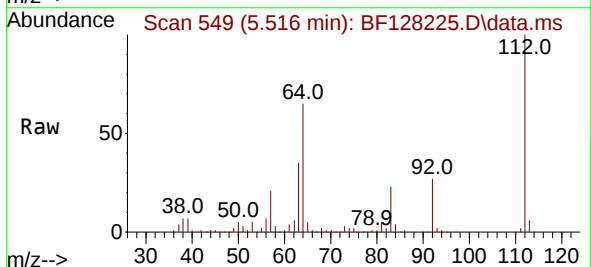
Instrument :
BNA_F
ClientSampleId :
FETWP-2

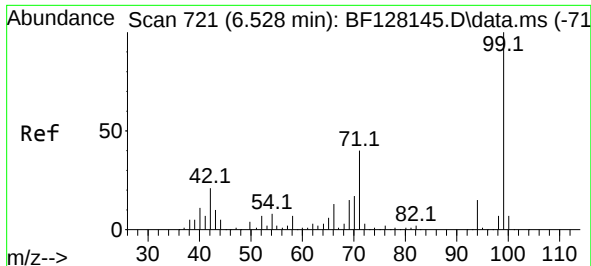
Tgt Ion:152 Resp: 71333
Ion Ratio Lower Upper
152 100
150 156.1 125.3 187.9
115 69.8 48.8 73.2



#5
2-Fluorophenol
Concen: 34.392 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF128225.D
Acq: 12 May 2022 20:00

Tgt Ion:112 Resp: 153895
Ion Ratio Lower Upper
112 100
64 65.2 49.5 74.3
63 35.1 26.3 39.5

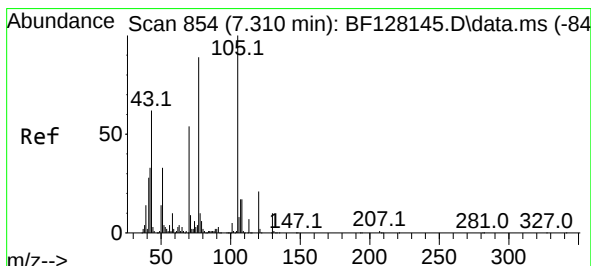
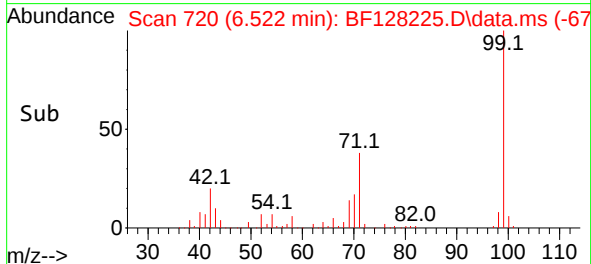
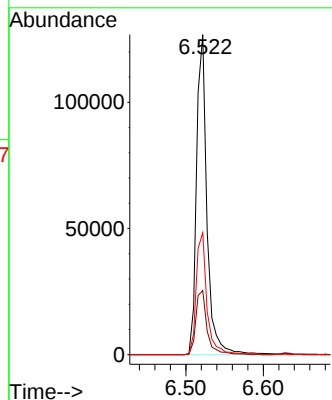
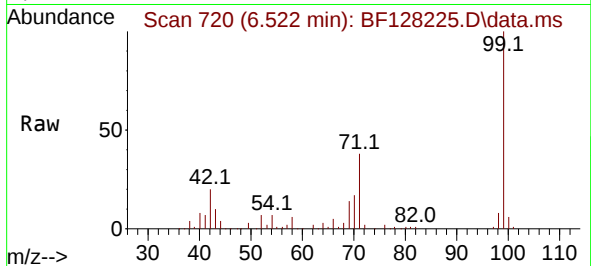




#7
Phenol-d6
Concen: 20.060 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128225.D
Acq: 12 May 2022 20:00

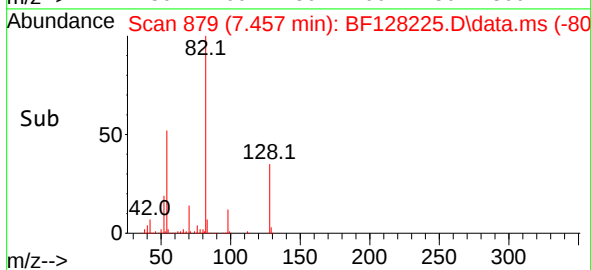
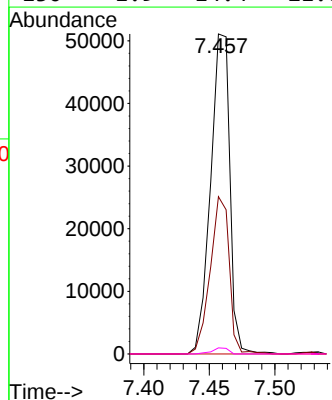
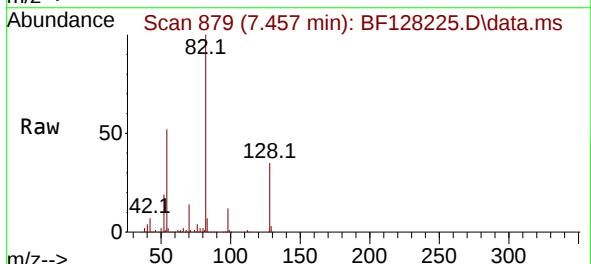
Instrument :
BNA_F
ClientSampleId :
FETWP-2

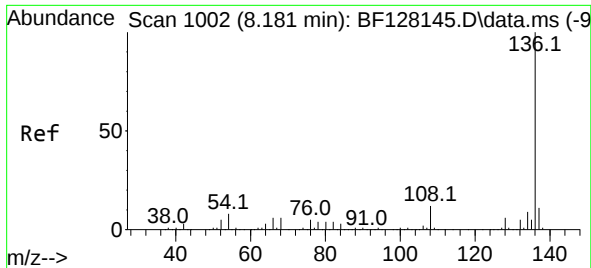
Tgt Ion: 99 Resp: 118726
Ion Ratio Lower Upper
99 100
42 20.1 16.6 24.8
71 38.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.375 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128225.D
Acq: 12 May 2022 20:00

Tgt Ion: 70 Resp: 52395
Ion Ratio Lower Upper
70 100
42 49.1 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

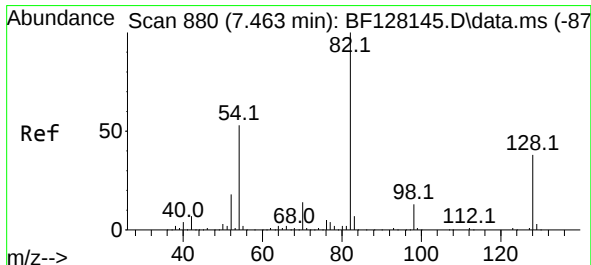
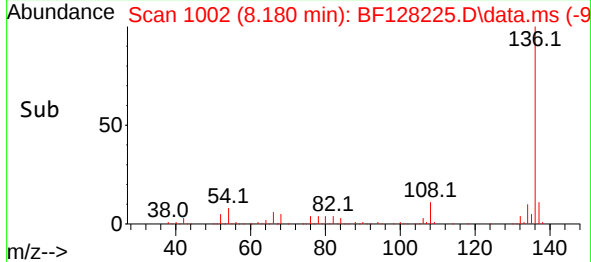
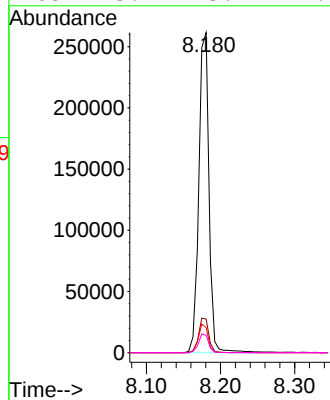
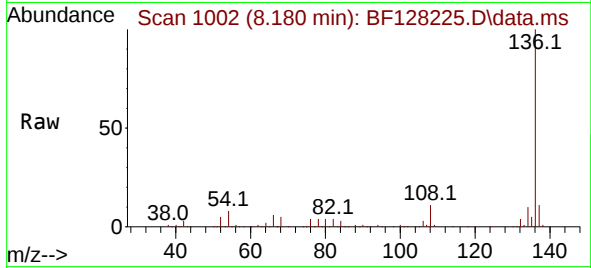




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 10
Delta R.T. -0.001 min
Lab File: BF128225.D
Acq: 12 May 2022 20:00

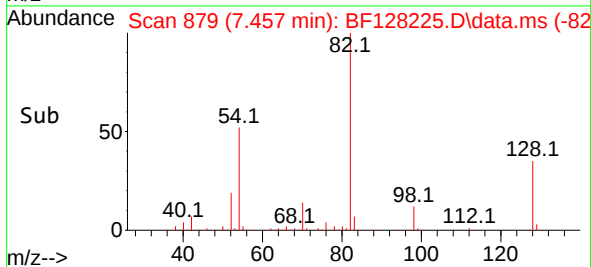
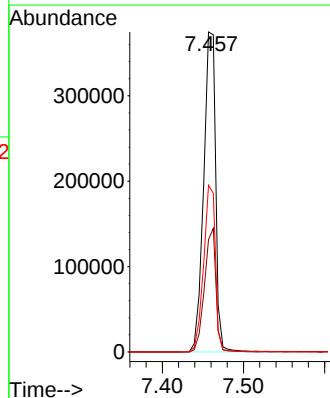
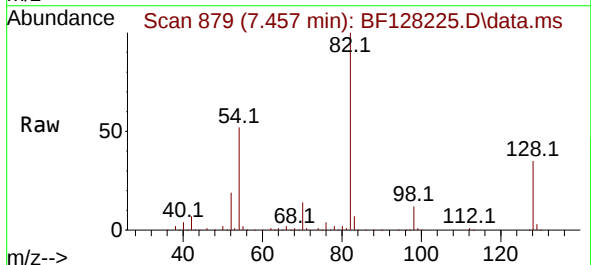
Instrument :
BNA_F
ClientSampleId :
FETWP-2

Tgt Ion:136 Resp: 250235
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.9 6.8 10.2
68 5.4 5.1 7.7



#23
Nitrobenzene-d5
Concen: 69.527 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128225.D
Acq: 12 May 2022 20:00

Tgt Ion: 82 Resp: 386654
Ion Ratio Lower Upper
82 100
128 35.1 30.0 45.0
54 52.1 41.3 61.9

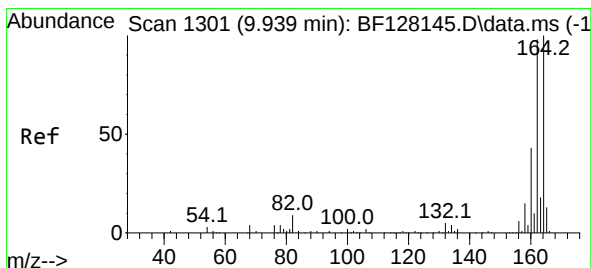
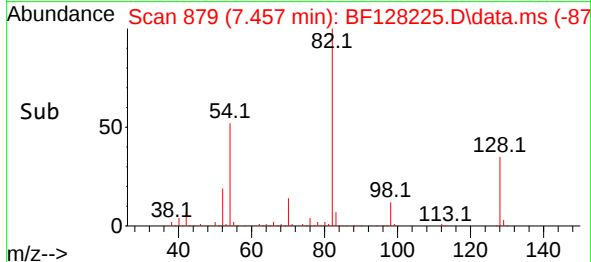
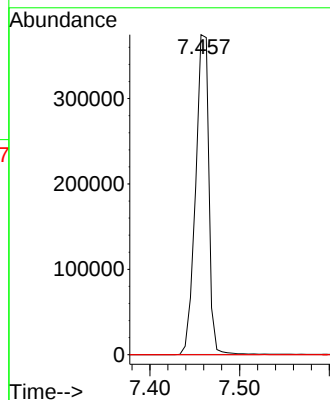
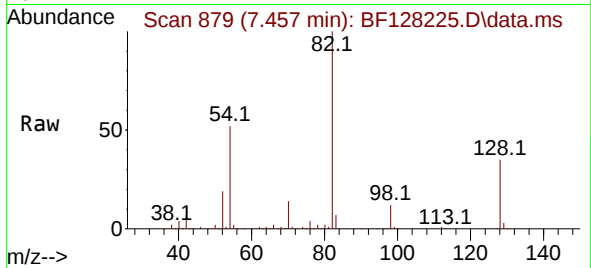




#25
Isophorone
Concen: 44.040 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128225.D
Acq: 12 May 2022 20:00

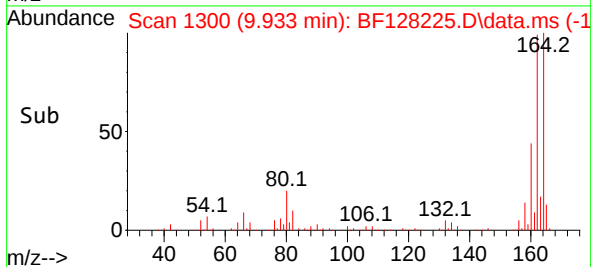
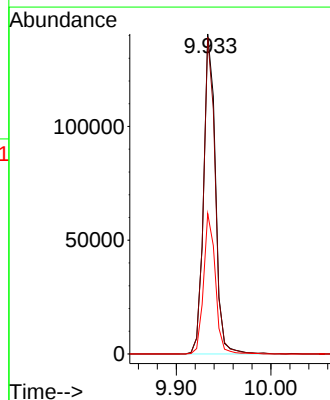
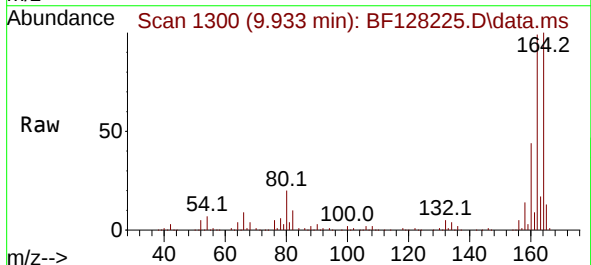
Instrument :
BNA_F
ClientSampleId :
FETWP-2

Tgt Ion: 82 Resp: 383966
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: BF128225.D
Acq: 12 May 2022 20:00

Tgt Ion:164 Resp: 121807
Ion Ratio Lower Upper
164 100
162 99.0 76.0 114.0
160 43.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 60.536 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128225.D

Acq: 12 May 2022 20:00

Instrument :

BNA_F

ClientSampleId :

FETWP-2

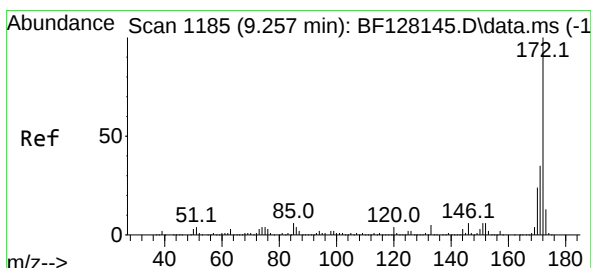
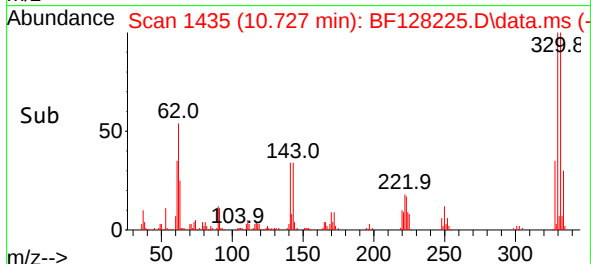
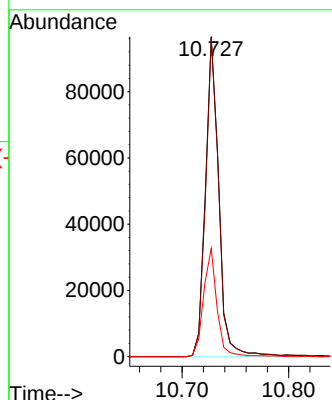
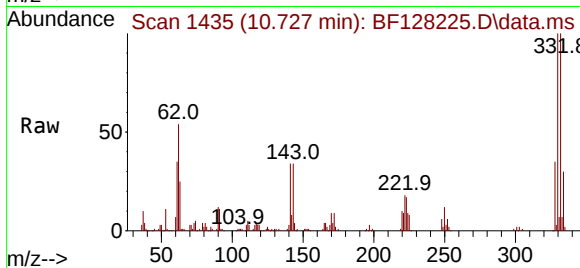
Tgt Ion:330 Resp: 84568

Ion Ratio Lower Upper

330 100

332 98.5 79.0 118.4

141 34.0 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 74.140 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128225.D

Acq: 12 May 2022 20:00

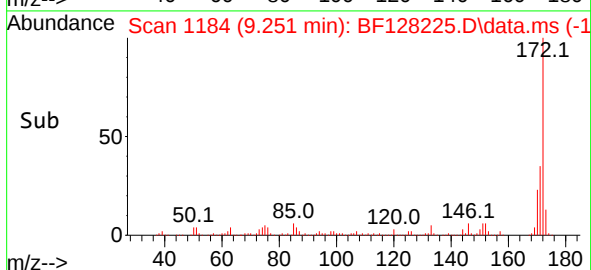
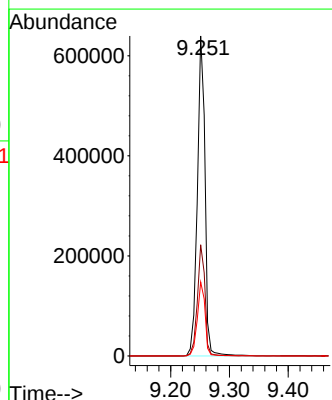
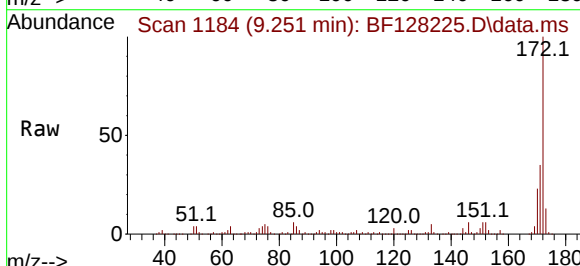
Tgt Ion:172 Resp: 577163

Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 23.1 19.1 28.7

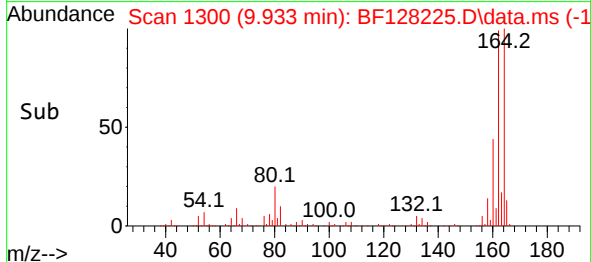
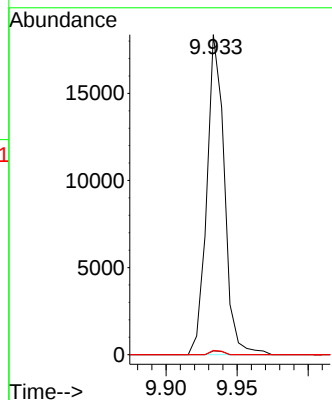
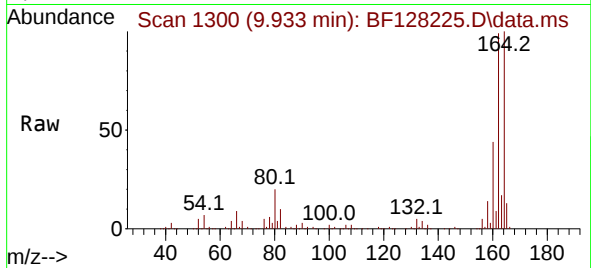




#51
2,6-Dinitrotoluene
Concen: 9.175 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128225.D
Acq: 12 May 2022 20:00

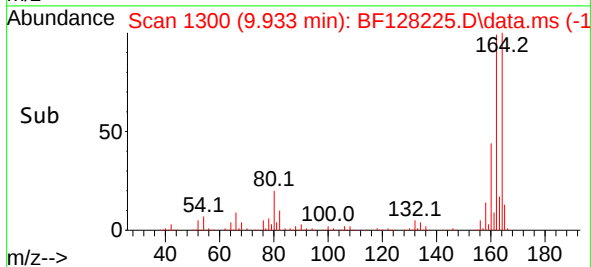
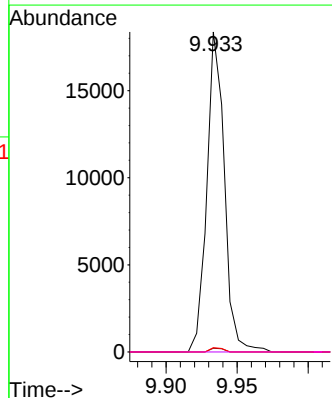
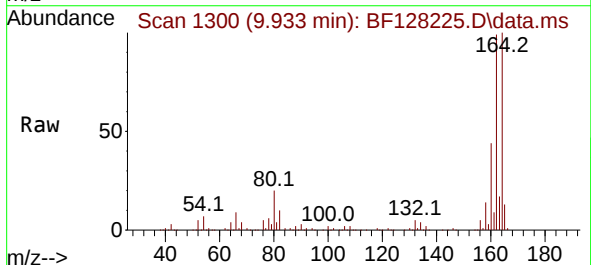
Instrument :
BNA_F
ClientSampleId :
FETWP-2

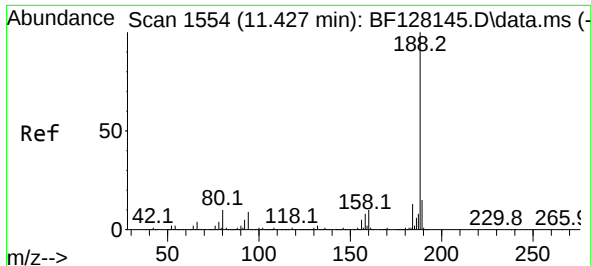
Tgt Ion:165 Resp: 15821
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.862 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128225.D
Acq: 12 May 2022 20:00

Tgt Ion:165 Resp: 15821
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

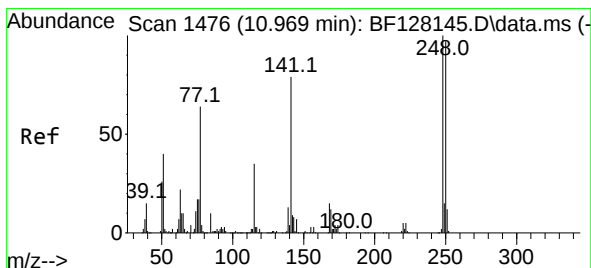
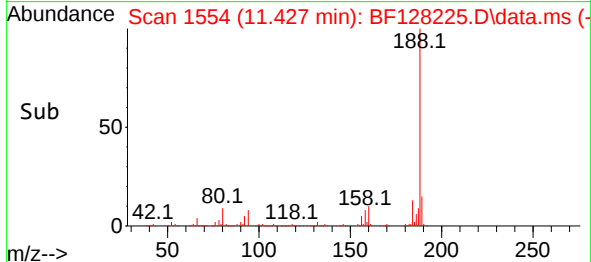
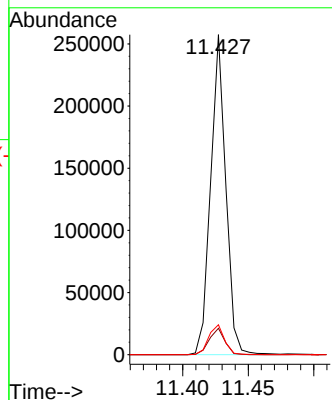
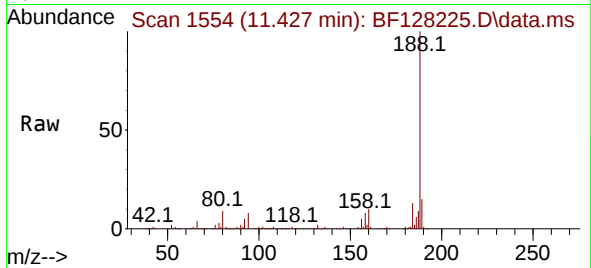




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128225.D
Acq: 12 May 2022 20:00

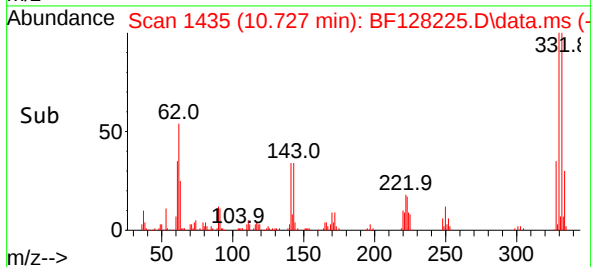
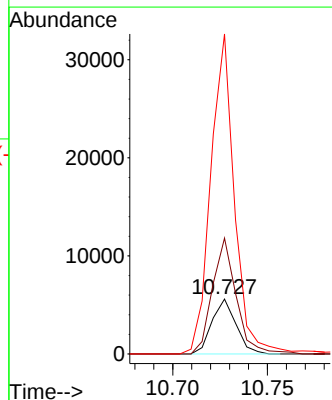
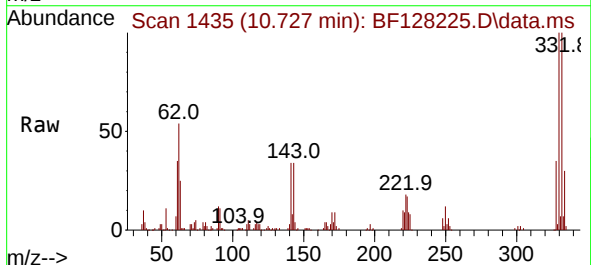
Instrument :
BNA_F
ClientSampleId :
FETWP-2

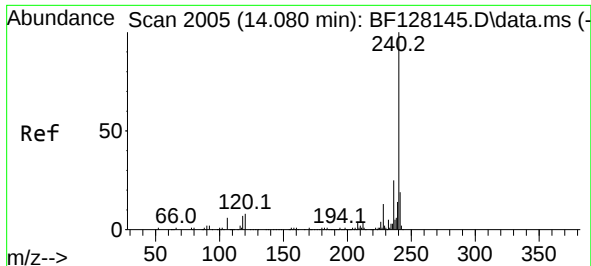
Tgt Ion:188 Resp: 207713
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.216 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128225.D
Acq: 12 May 2022 20:00

Tgt Ion:248 Resp: 4953
Ion Ratio Lower Upper
248 100
250 211.1 77.7 116.5#
141 583.0 65.6 98.4#

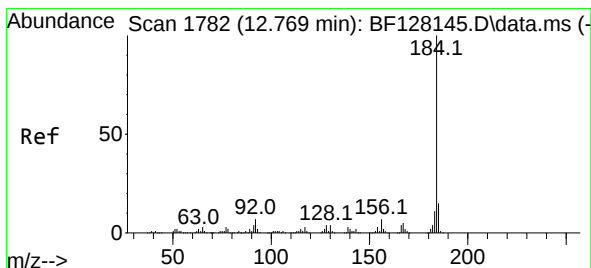
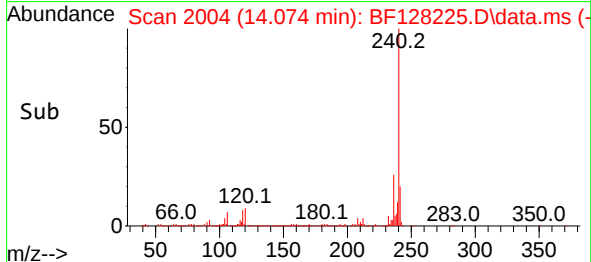
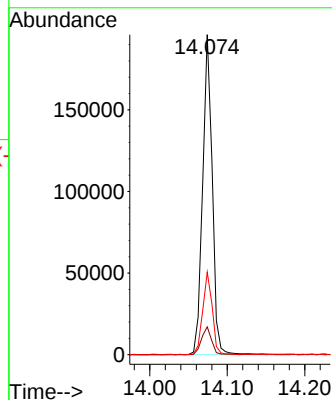
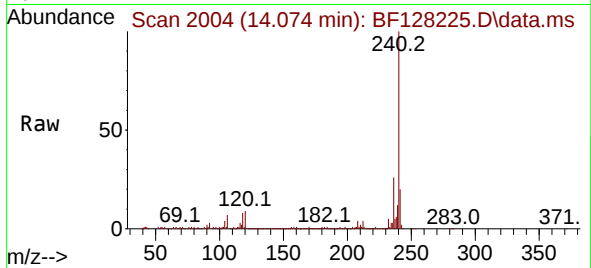




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF128225.D
Acq: 12 May 2022 20:00

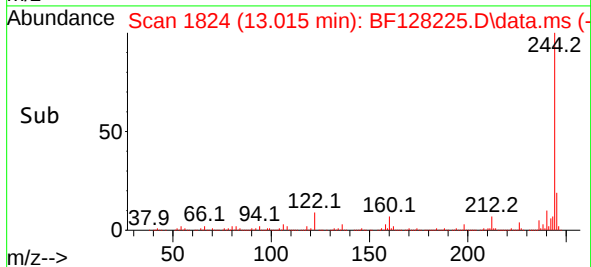
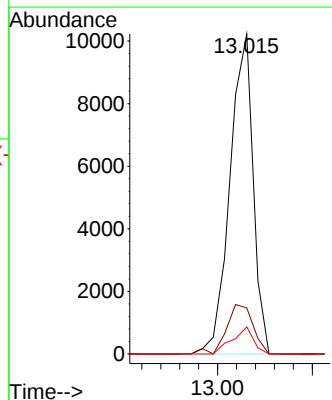
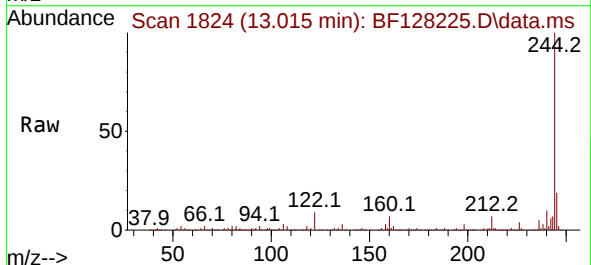
Instrument :
BNA_F
ClientSampleId :
FETWP-2

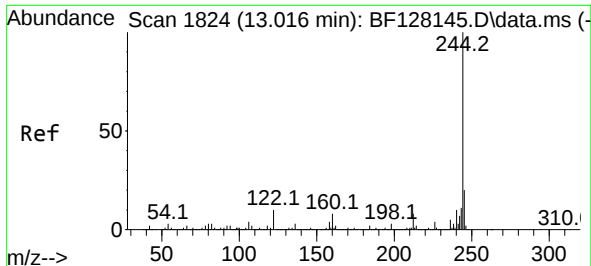
Tgt Ion:240 Resp: 168996
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 25.8 20.3 30.5



#77
Benzidine
Concen: 2.371 ng
RT: 13.015 min Scan# 1824
Delta R.T. 0.247 min
Lab File: BF128225.D
Acq: 12 May 2022 20:00

Tgt Ion:184 Resp: 8678
Ion Ratio Lower Upper
184 100
185 14.4 12.1 18.1
183 8.4 9.0 13.4#

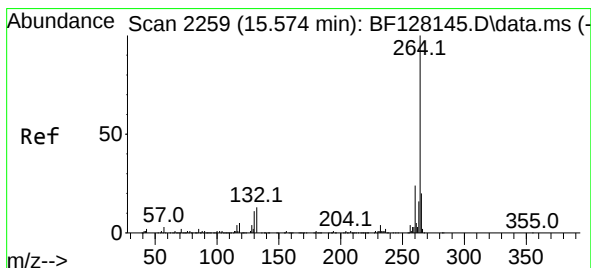
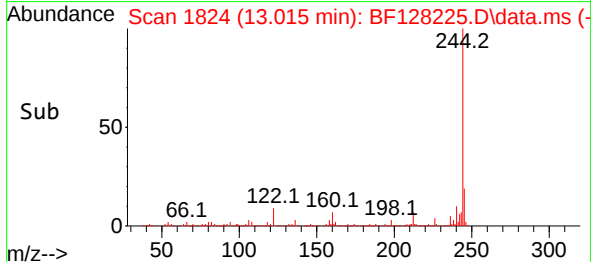
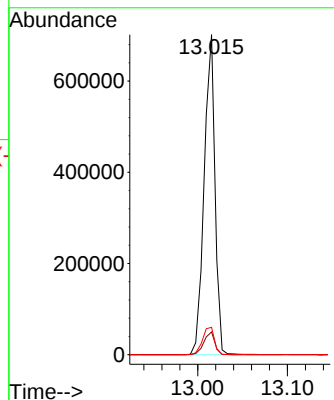
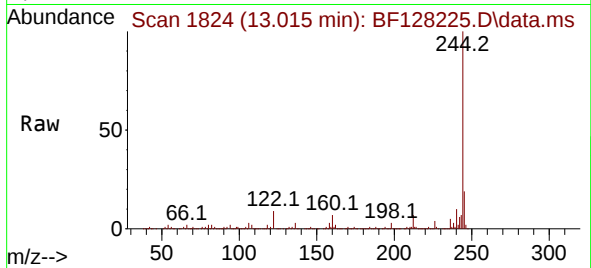




#79
 Terphenyl-d14
 Concen: 65.227 ng
 RT: 13.015 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF128225.D
 Acq: 12 May 2022 20:00

Instrument :
 BNA_F
 ClientSampleId :
 FETWP-2

Tgt Ion:244 Resp: 587459
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 8.6 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: BF128225.D
 Acq: 12 May 2022 20:00

Tgt Ion:264 Resp: 125777
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 21.1 17.5 26.3

