

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
 Data File : BF128230.D
 Acq On : 12 May 2022 22:26
 Operator : CG\JU
 Sample : N2804-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FE-FB-05112022

Quant Time: May 13 05:16:20 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)

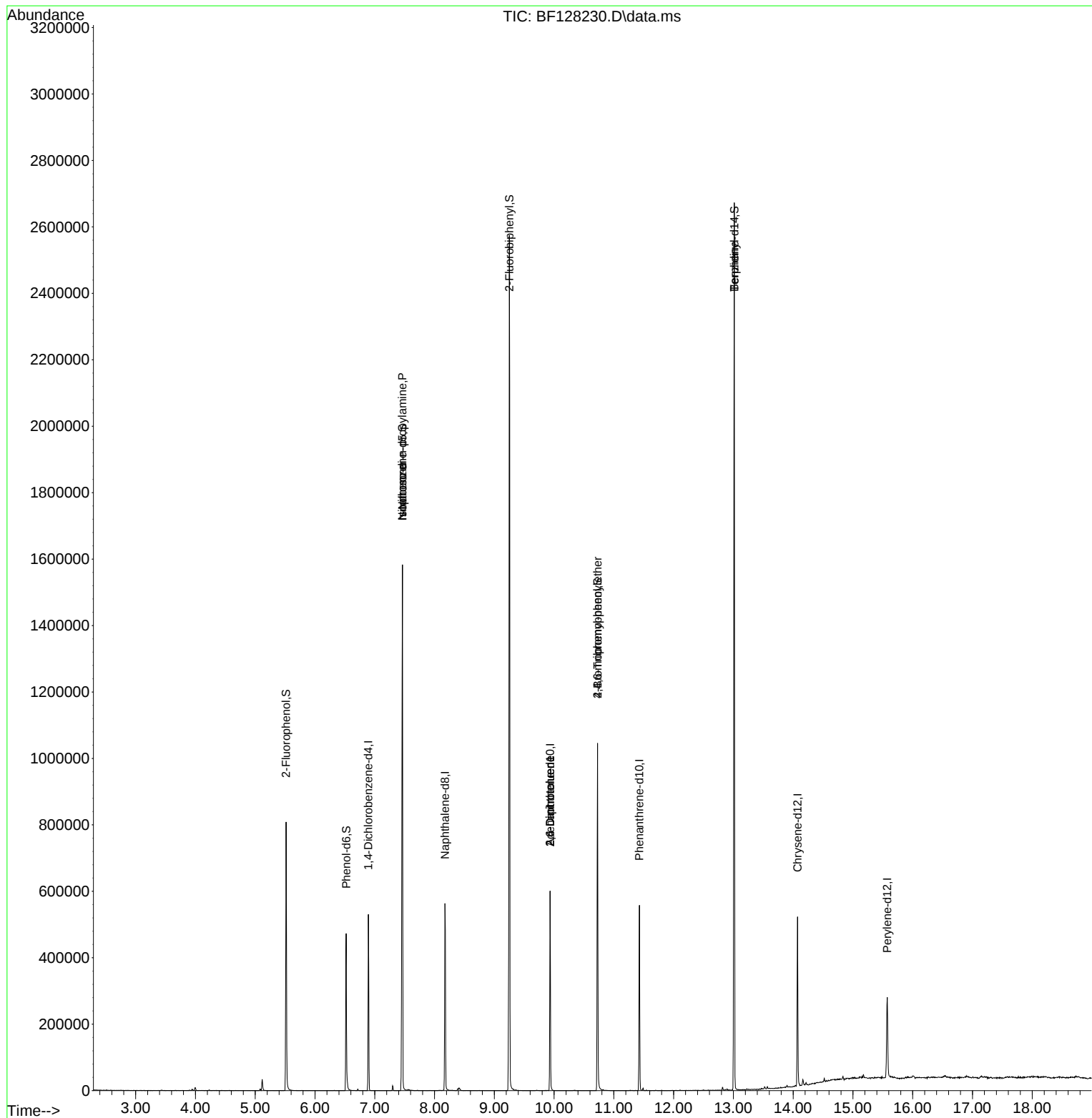
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	68489	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	239459	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	116843	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	191515	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	168876	20.000	ng	0.00
86) Perylene-d12	15.574	264	121505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	192997	44.922	ng	0.00
7) Phenol-d6	6.522	99	144501	25.429	ng	0.00
23) Nitrobenzene-d5	7.463	82	542993	102.034	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	117868	87.958	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	807060	108.077	ng	0.00
79) Terphenyl-d14	13.016	244	858860	95.430	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	122	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.463	70	74487	21.285	ng	# 78
25) Isophorone	7.463	82	542984	65.081	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	15079	9.117	ng	# 22
57) 2,4-Dinitrotoluene	9.933	165	15079	6.818	ng	# 26
67) 4-Bromophenyl-phenylether	10.727	248	7177	3.483	ng	# 1
77) Benizidine	13.016	184	12209	3.338	ng	# 95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051222\
Data File : BF128230.D
Acq On : 12 May 2022 22:26
Operator : CG\JU
Sample : N2804-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FE-FB-05112022

Quant Time: May 13 05:16:20 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

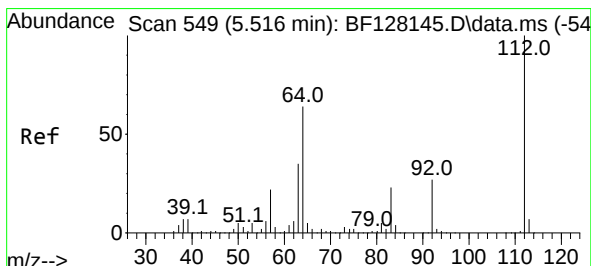
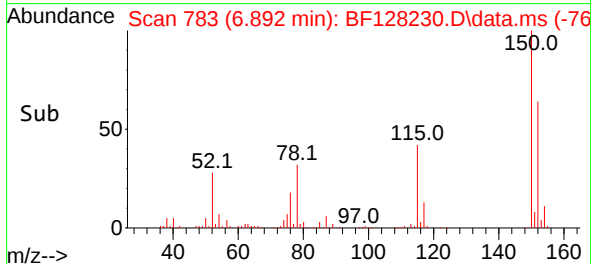
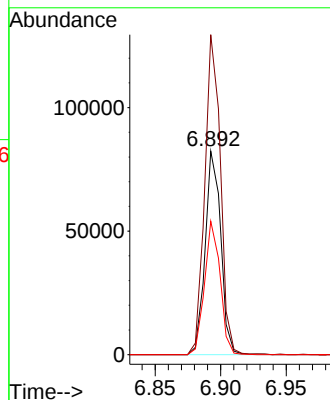
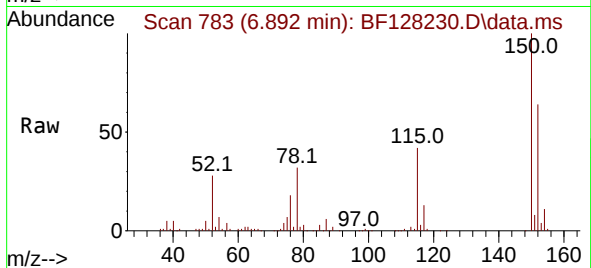




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128230.D
 Acq: 12 May 2022 22:26

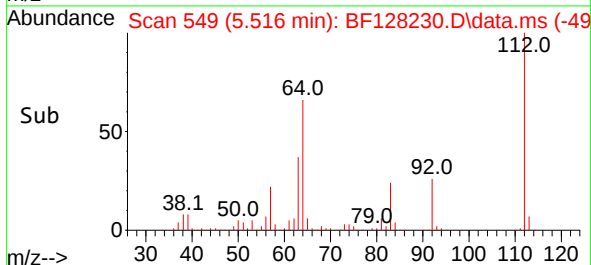
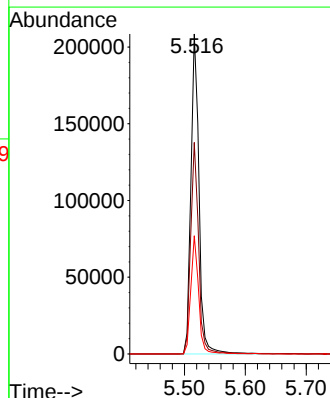
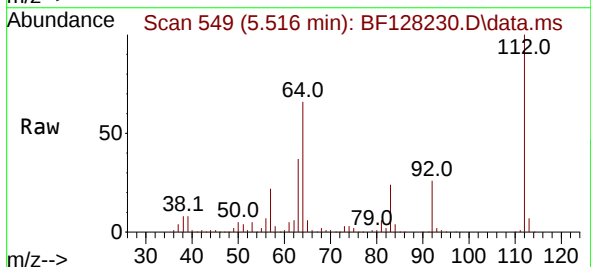
Instrument :
 BNA_F
 ClientSampleId :
 FE-FB-05112022

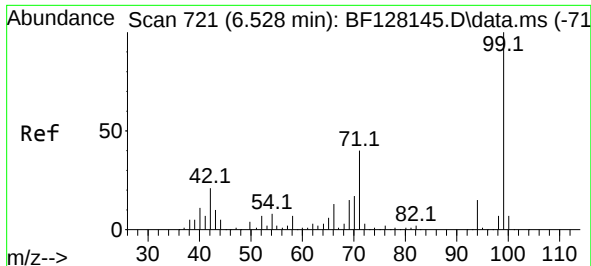
Tgt Ion:152 Resp: 68489
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.3 187.9
 115 65.6 48.8 73.2



#5
 2-Fluorophenol
 Concen: 44.922 ng
 RT: 5.516 min Scan# 549
 Delta R.T. -0.000 min
 Lab File: BF128230.D
 Acq: 12 May 2022 22:26

Tgt Ion:112 Resp: 192997
 Ion Ratio Lower Upper
 112 100
 64 66.1 49.5 74.3
 63 37.0 26.3 39.5

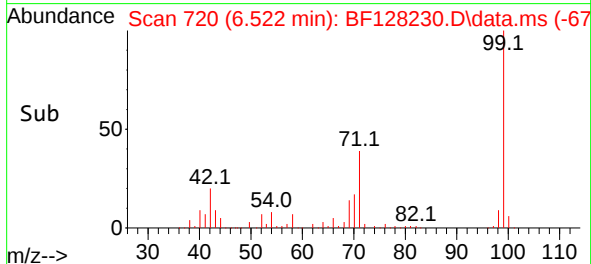
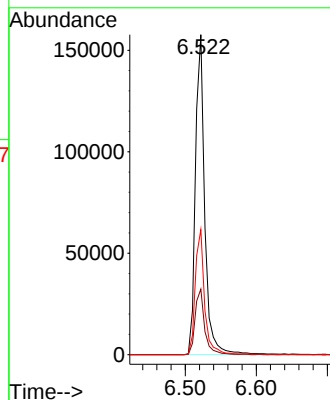
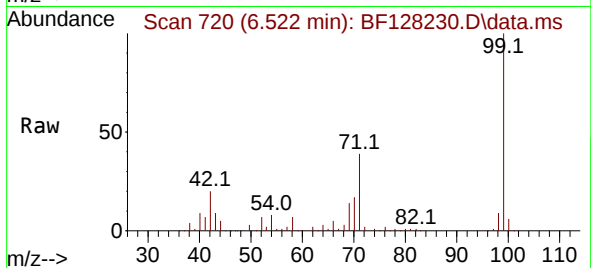




#7
Phenol-d6
Concen: 25.429 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128230.D
Acq: 12 May 2022 22:26

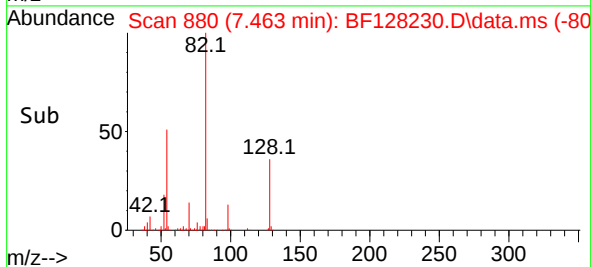
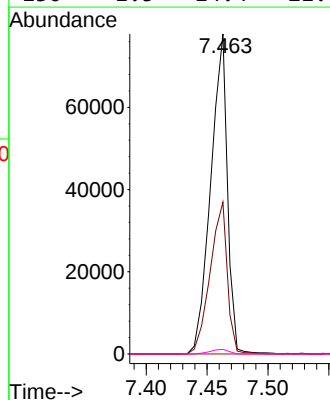
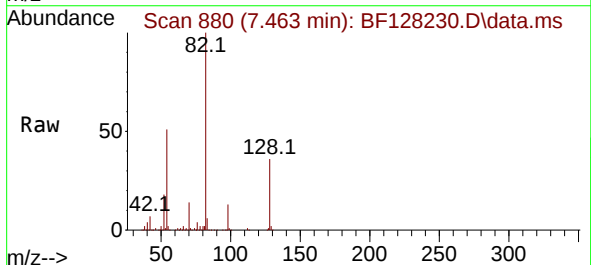
Instrument :
BNA_F
ClientSampleId :
FE-FB-05112022

Tgt Ion: 99 Resp: 144501
Ion Ratio Lower Upper
99 100
42 20.5 16.6 24.8
71 39.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.285 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.153 min
Lab File: BF128230.D
Acq: 12 May 2022 22:26

Tgt Ion: 70 Resp: 74487
Ion Ratio Lower Upper
70 100
42 47.4 48.7 73.1#
101 0.0 7.2 10.8#
130 1.5 14.4 21.6#

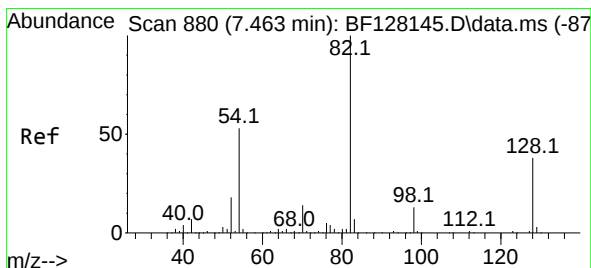
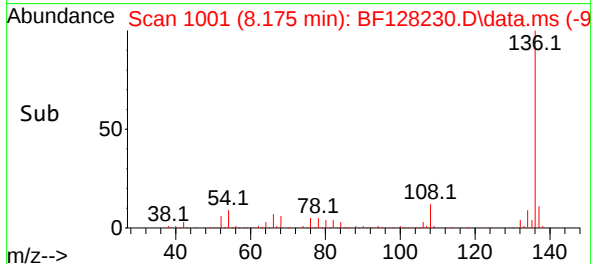
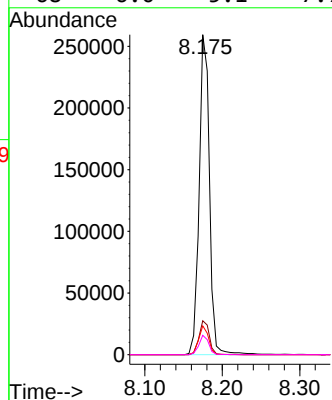
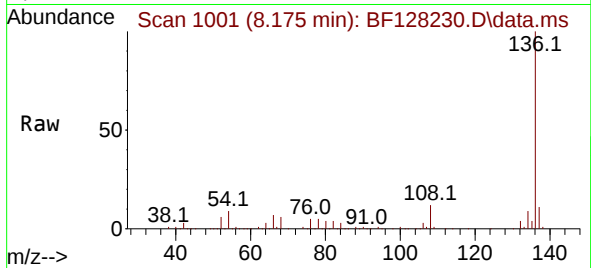




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128230.D
Acq: 12 May 2022 22:26

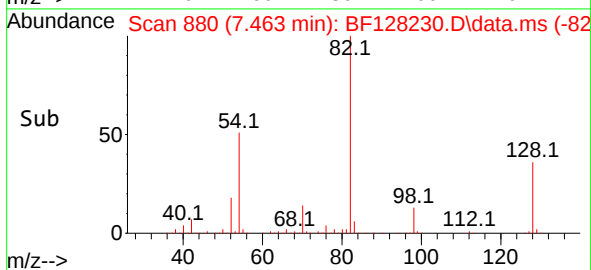
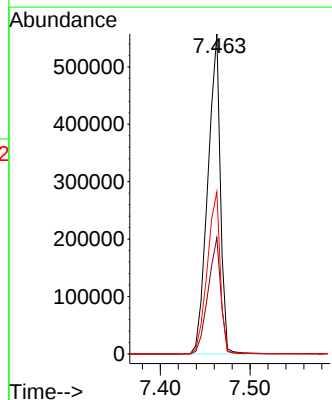
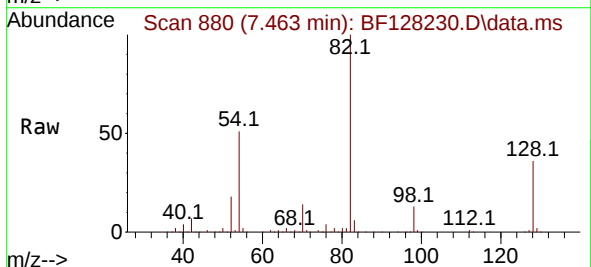
Instrument :
BNA_F
ClientSampleId :
FE-FB-05112022

Tgt Ion:	136	Resp:	239459
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.0	6.8	10.2
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 102.034 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF128230.D
Acq: 12 May 2022 22:26

Tgt Ion:	82	Resp:	542993
Ion	Ratio	Lower	Upper
82	100		
128	36.4	30.0	45.0
54	50.7	41.3	61.9

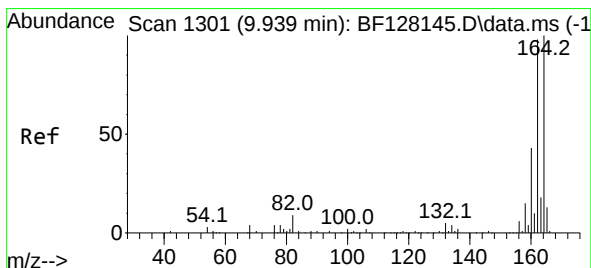
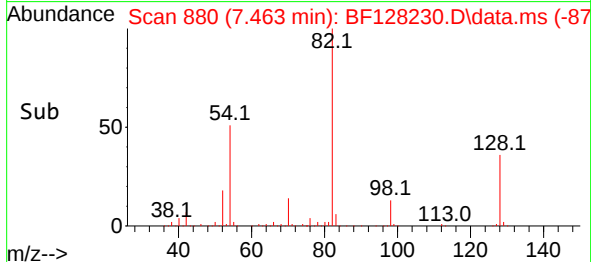
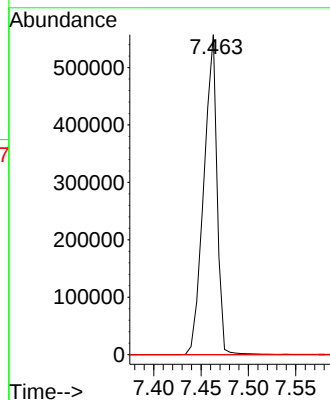
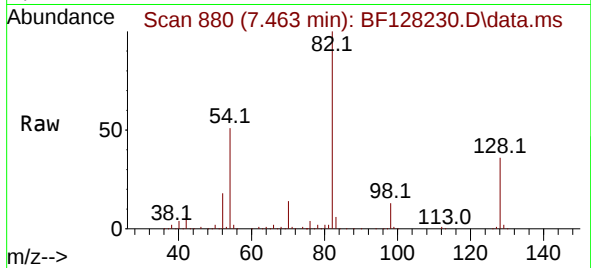




#25
Isophorone
Concen: 65.081 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128230.D
Acq: 12 May 2022 22:26

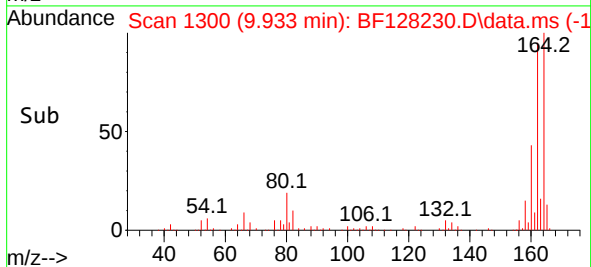
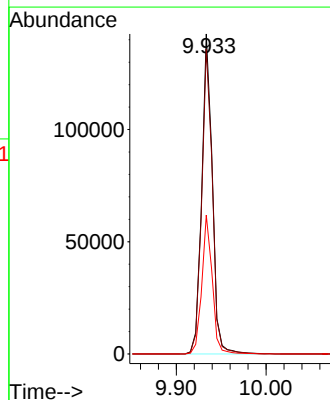
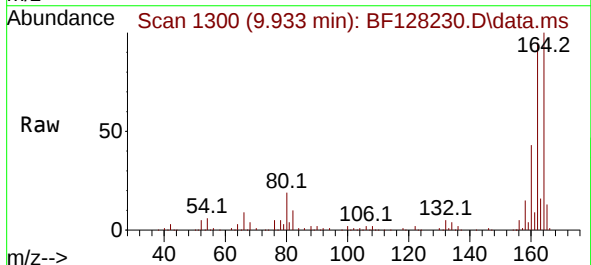
Instrument :
BNA_F
ClientSampleId :
FE-FB-05112022

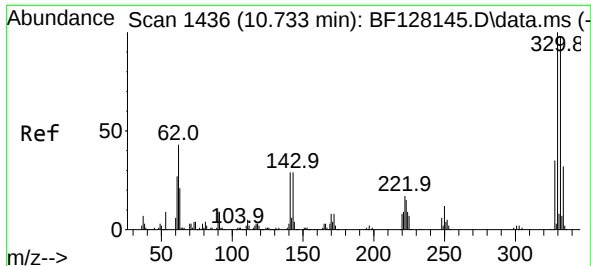
Tgt Ion: 82 Resp: 542984
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128230.D
Acq: 12 May 2022 22:26

Tgt Ion:164 Resp: 116843
Ion Ratio Lower Upper
164 100
162 95.3 76.0 114.0
160 43.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 87.958 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128230.D

Acq: 12 May 2022 22:26

Instrument :

BNA_F

ClientSampleId :

FE-FB-05112022

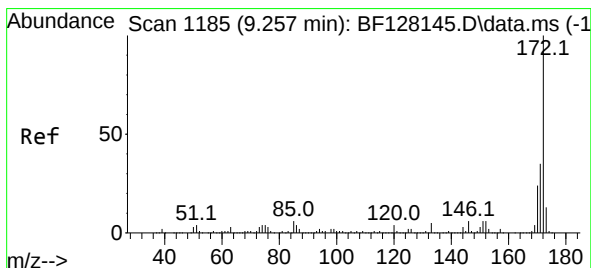
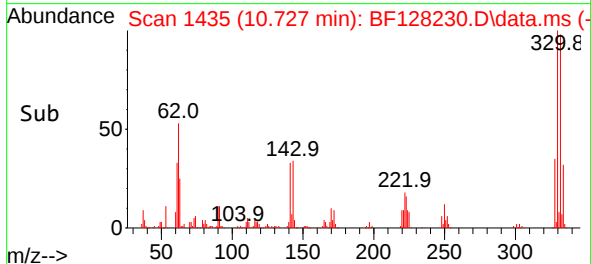
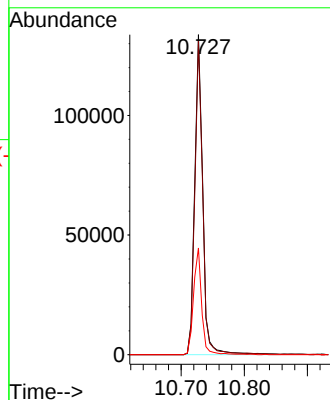
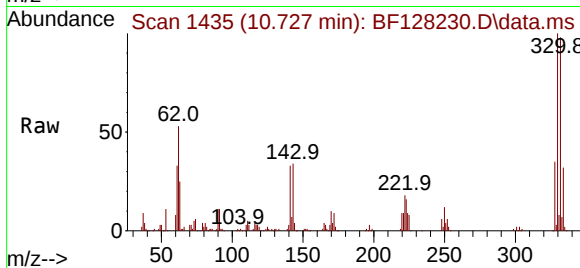
Tgt Ion:330 Resp: 117868

Ion Ratio Lower Upper

330 100

332 95.3 79.0 118.4

141 34.0 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 108.077 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128230.D

Acq: 12 May 2022 22:26

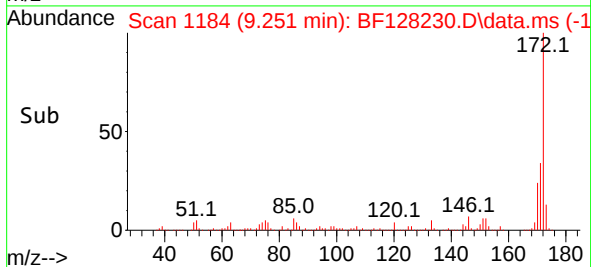
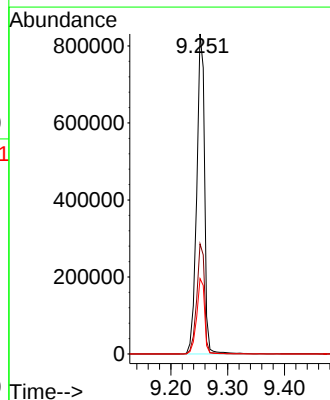
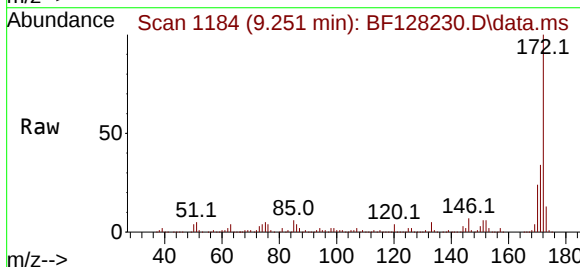
Tgt Ion:172 Resp: 807060

Ion Ratio Lower Upper

172 100

171 34.4 28.6 42.8

170 23.6 19.1 28.7

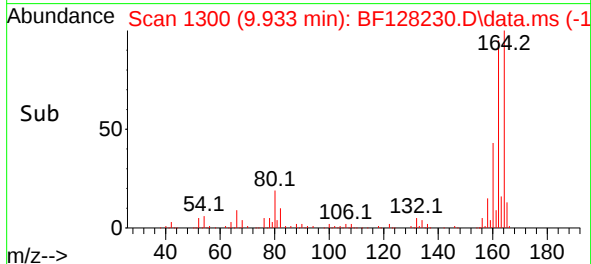
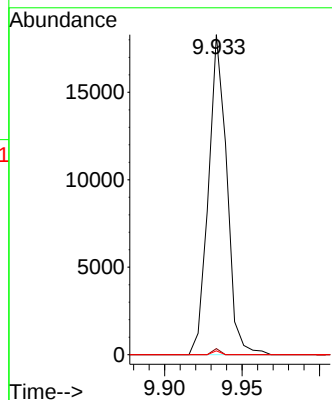
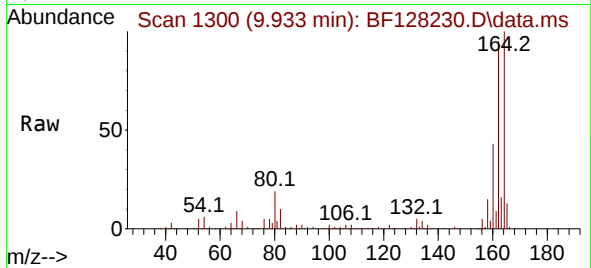




#51
2,6-Dinitrotoluene
Concen: 9.117 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128230.D
Acq: 12 May 2022 22:26

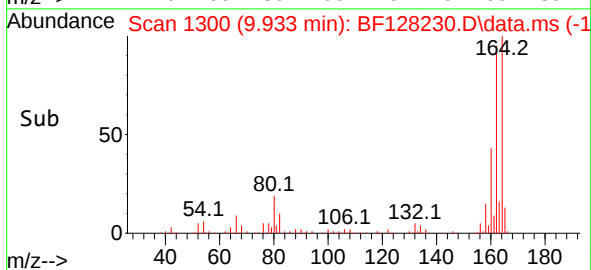
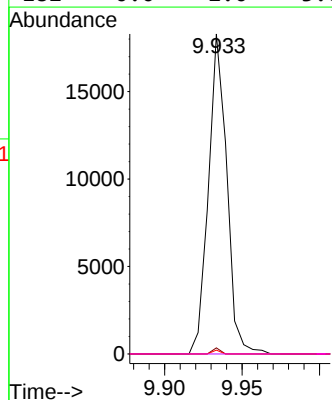
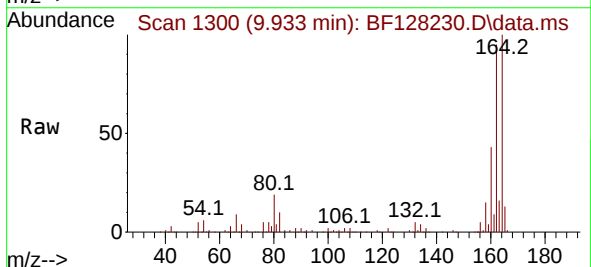
Instrument :
BNA_F
ClientSampleId :
FE-FB-05112022

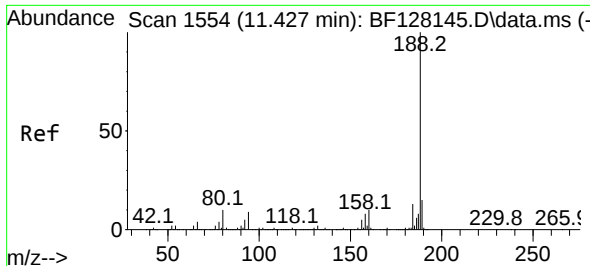
Tgt Ion:165 Resp: 15079
Ion Ratio Lower Upper
165 100
63 1.9 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.818 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128230.D
Acq: 12 May 2022 22:26

Tgt Ion:165 Resp: 15079
Ion Ratio Lower Upper
165 100
63 1.9 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#

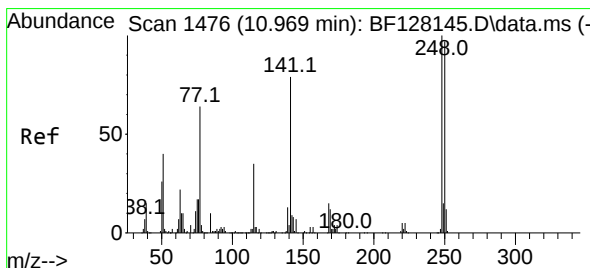
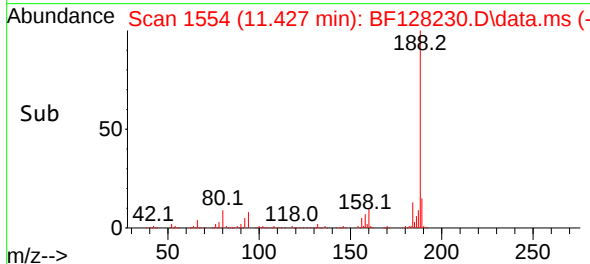
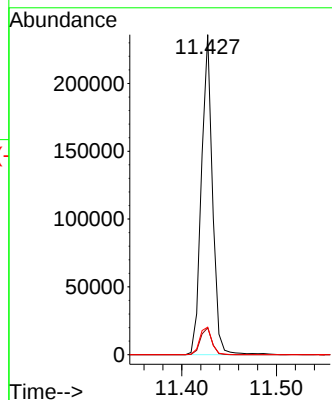
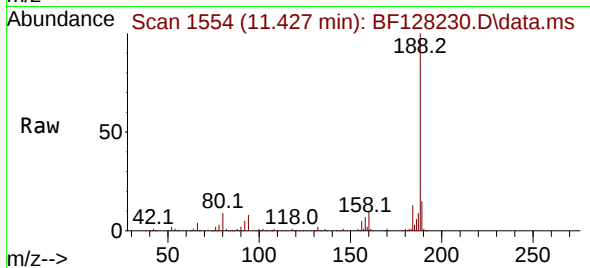




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128230.D
Acq: 12 May 2022 22:26

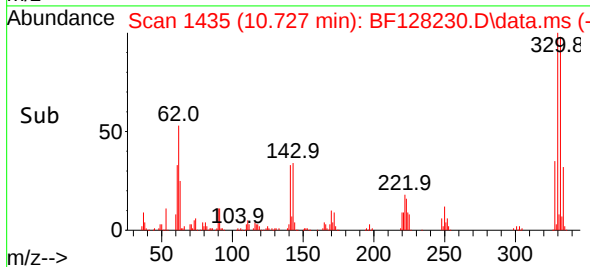
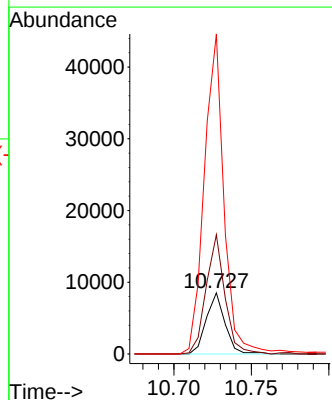
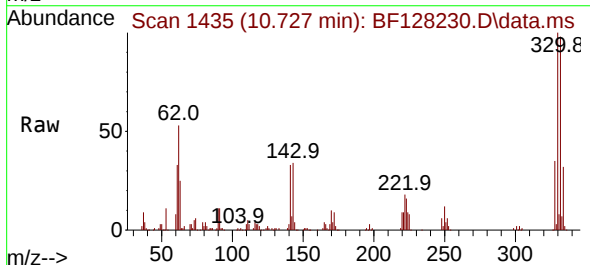
Instrument :
BNA_F
ClientSampleId :
FE-FB-05112022

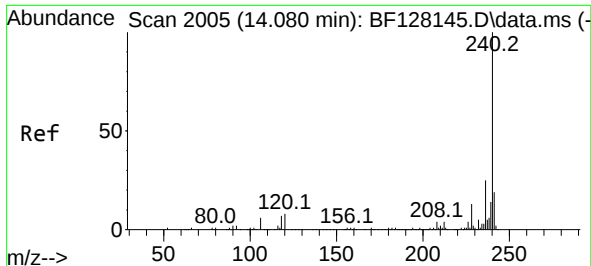
Tgt Ion:188 Resp: 191515
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 8.6 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 3.483 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128230.D
Acq: 12 May 2022 22:26

Tgt Ion:248 Resp: 7177
Ion Ratio Lower Upper
248 100
250 195.0 77.7 116.5#
141 523.7 65.6 98.4#

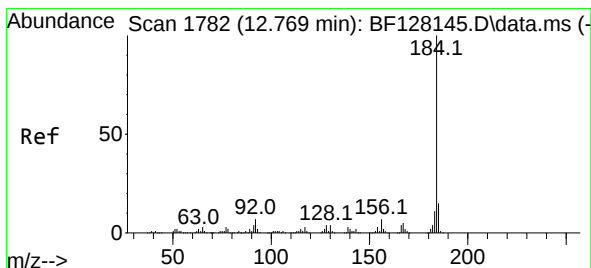
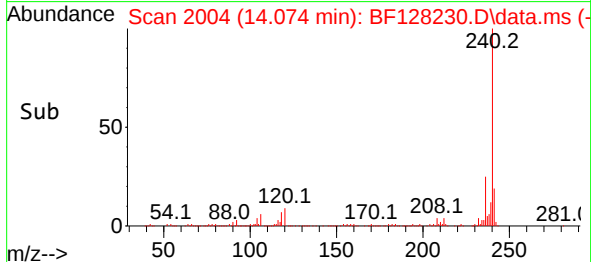
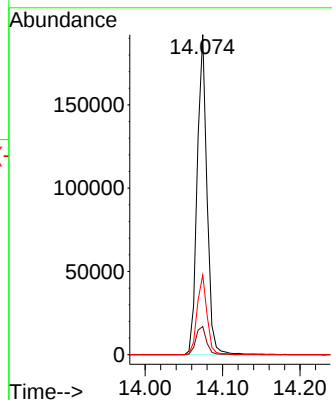
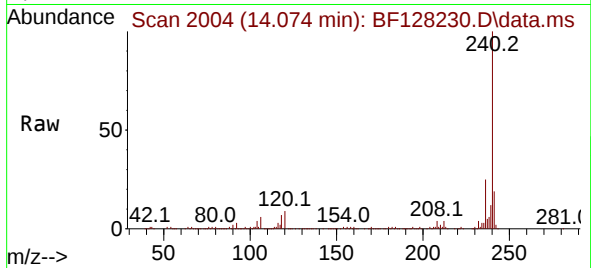




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF128230.D
Acq: 12 May 2022 22:26

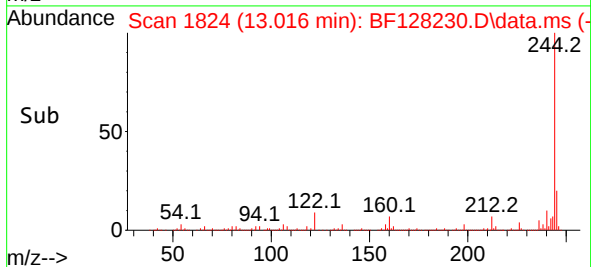
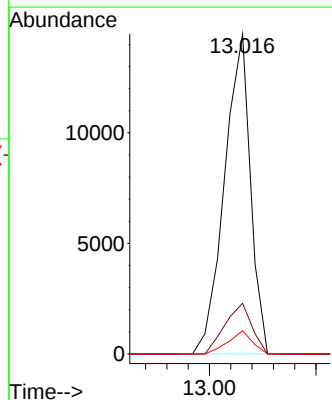
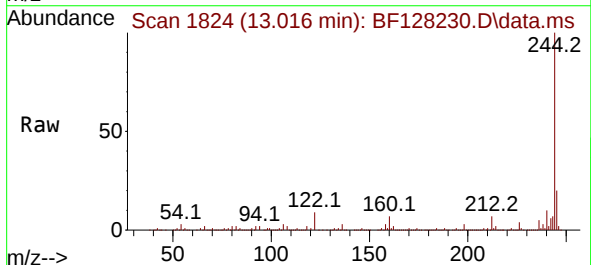
Instrument :
BNA_F
ClientSampleId :
FE-FB-05112022

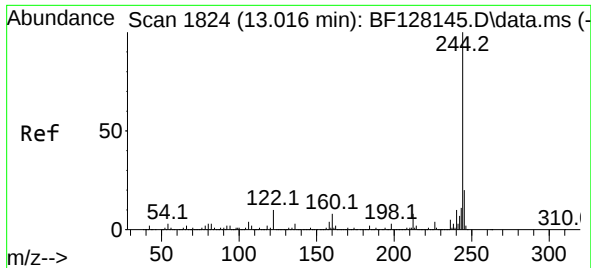
Tgt Ion:240 Resp: 168876
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 24.9 20.3 30.5



#77
Benzidine
Concen: 3.338 ng
RT: 13.016 min Scan# 1824
Delta R.T. 0.247 min
Lab File: BF128230.D
Acq: 12 May 2022 22:26

Tgt Ion:184 Resp: 12209
Ion Ratio Lower Upper
184 100
185 15.8 12.1 18.1
183 7.3 9.0 13.4#

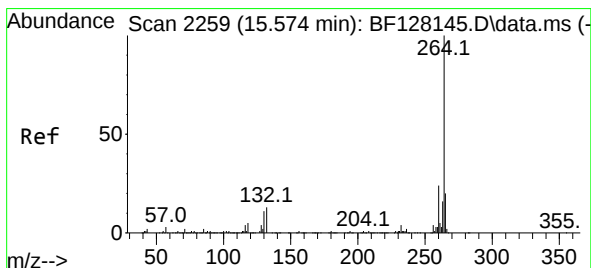
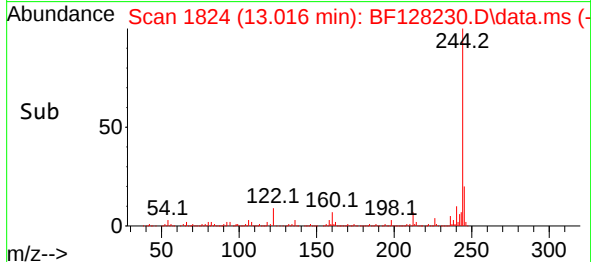
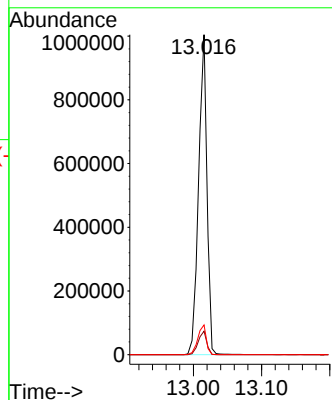
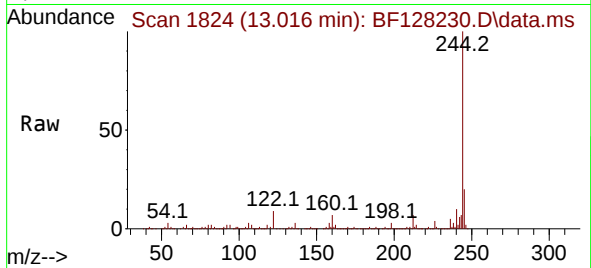




#79
 Terphenyl-d14
 Concen: 95.430 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128230.D
 Acq: 12 May 2022 22:26

Instrument :
 BNA_F
 ClientSampleId :
 FE-FB-05112022

Tgt Ion:244 Resp: 858860
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 9.3 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: BF128230.D
 Acq: 12 May 2022 22:26

Tgt Ion:264 Resp: 121505
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.1 30.1
 265 22.1 17.5 26.3

