

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128318.D
 Acq On : 18 May 2022 18:27
 Operator : CG\JU
 Sample : N2908-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BI-3

Quant Time: May 19 06:50:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

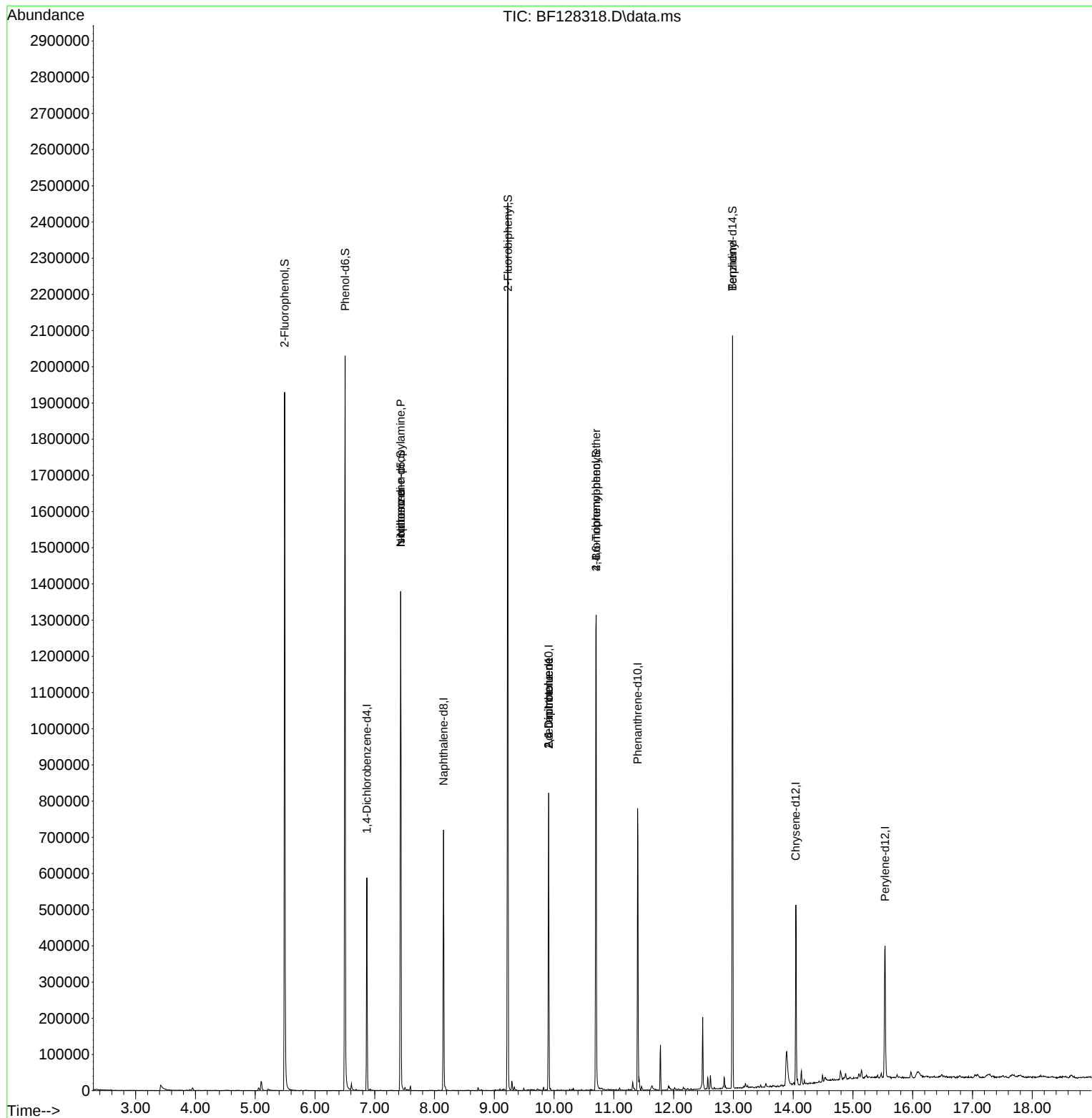
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	76284	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	288332	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	158578	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	279935	20.000	ng	0.00
76) Chrysene-d12	14.045	240	161871	20.000	ng	-0.01
86) Perylene-d12	15.539	264	165472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	475746	99.418	ng	0.00
7) Phenol-d6	6.504	99	632862	99.989	ng	0.00
23) Nitrobenzene-d5	7.434	82	448116	69.932	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	154627	85.021	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	689666	68.049	ng	0.00
79) Terphenyl-d14	12.986	244	633855	73.477	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	1012	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	60810	15.601	ng	# 79
25) Isophorone	7.434	82	448113	44.606	ng	# 68
51) 2,6-Dinitrotoluene	9.910	165	20574	9.165	ng	# 21
57) 2,4-Dinitrotoluene	9.910	165	20574	6.854	ng	# 26
67) 4-Bromophenyl-phenylether	10.704	248	9634	3.199	ng	# 1
77) Benzidine	12.986	184	9289	2.650	ng	# 93

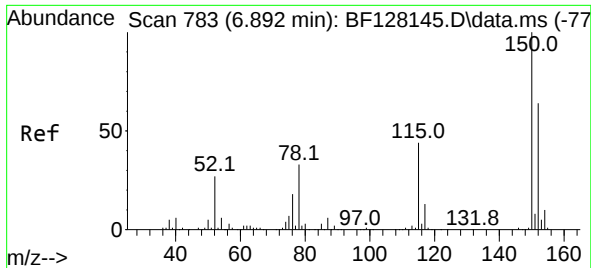
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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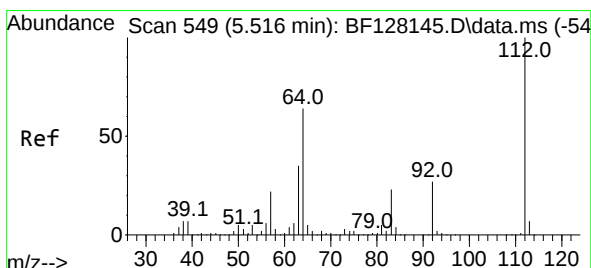
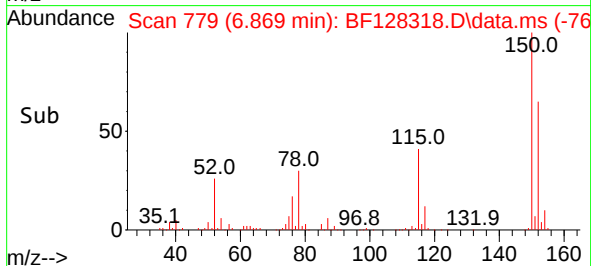
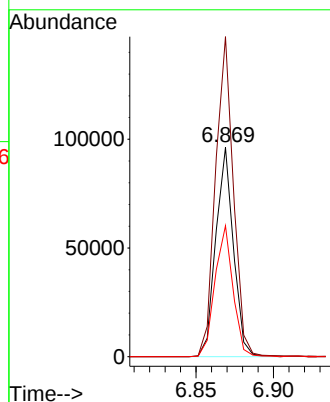
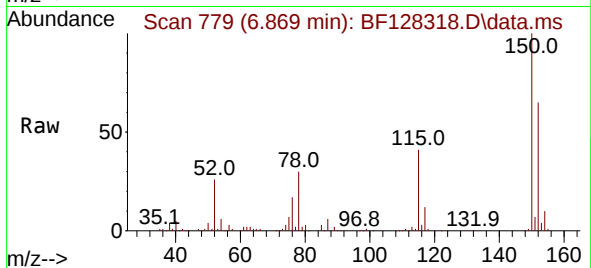




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128318.D
Acq: 18 May 2022 18:27

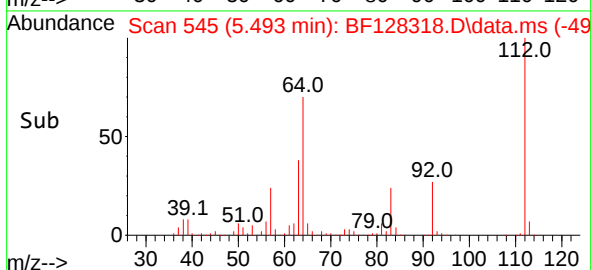
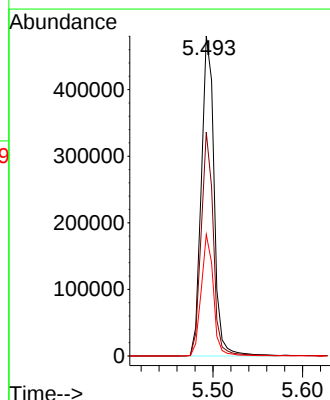
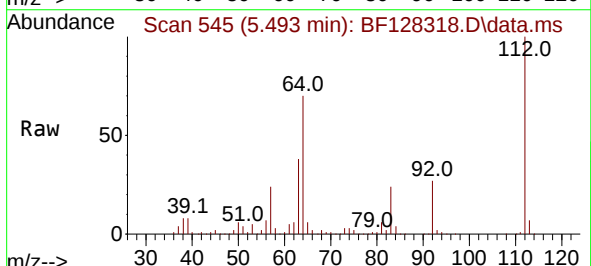
Instrument :
BNA_F
ClientSampleId :
BI-3

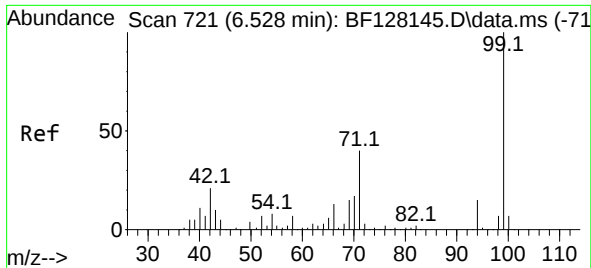
Tgt Ion:152 Resp: 76284
Ion Ratio Lower Upper
152 100
150 152.9 125.3 187.9
115 62.5 48.8 73.2



#5
2-Fluorophenol
Concen: 99.418 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.000 min
Lab File: BF128318.D
Acq: 18 May 2022 18:27

Tgt Ion:112 Resp: 475746
Ion Ratio Lower Upper
112 100
64 69.9 49.5 74.3
63 37.9 26.3 39.5

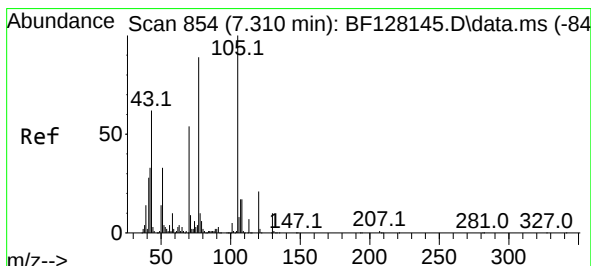
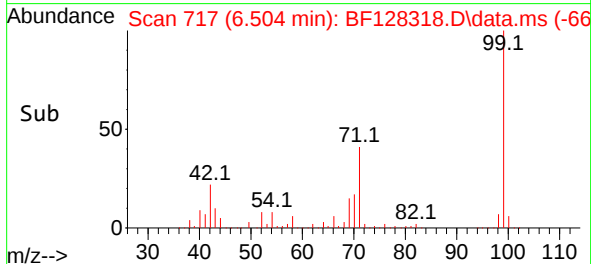
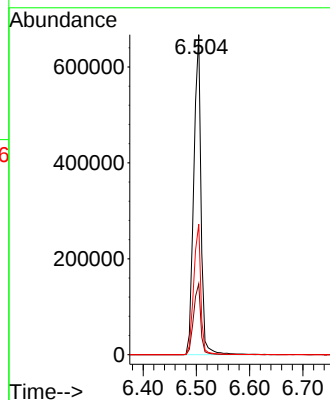
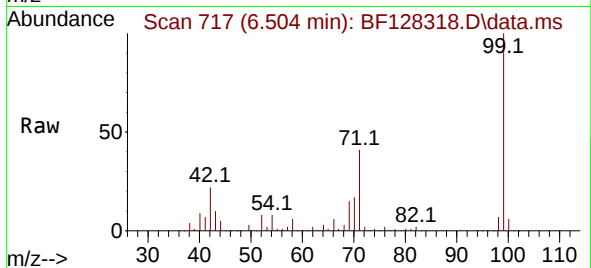




#7
Phenol-d6
Concen: 99.989 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128318.D
Acq: 18 May 2022 18:27

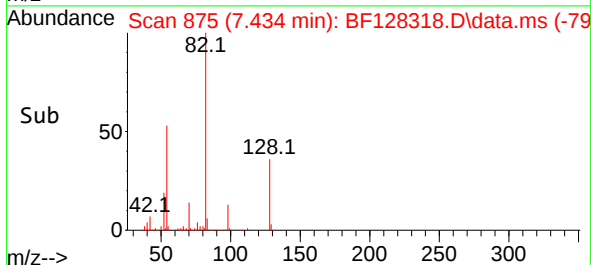
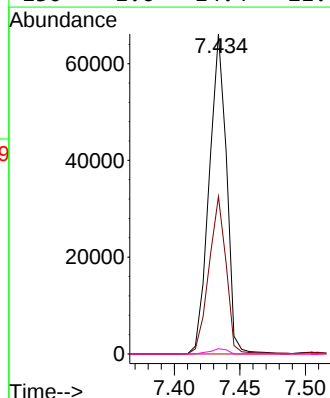
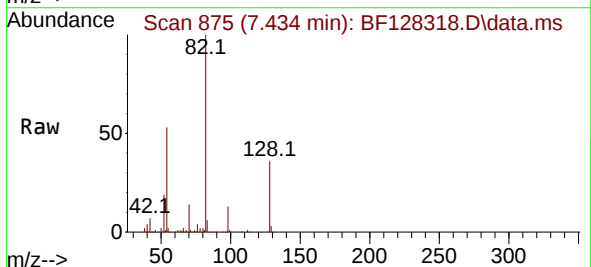
Instrument :
BNA_F
ClientSampleId :
BI-3

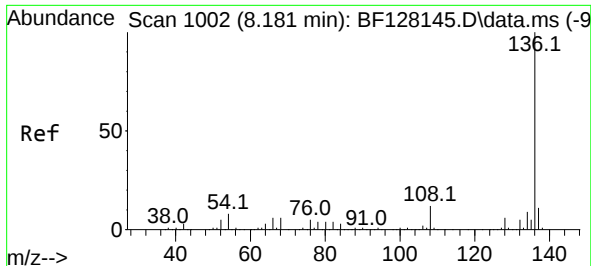
Tgt Ion: 99 Resp: 632862
Ion Ratio Lower Upper
99 100
42 22.2 16.6 24.8
71 40.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.601 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF128318.D
Acq: 18 May 2022 18:27

Tgt Ion: 70 Resp: 60810
Ion Ratio Lower Upper
70 100
42 49.2 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#



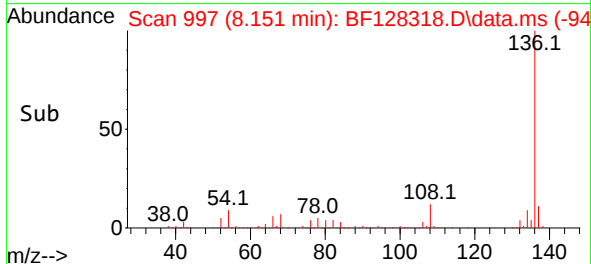
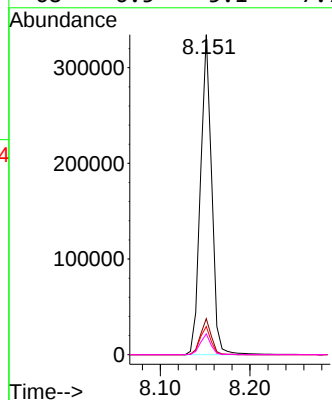
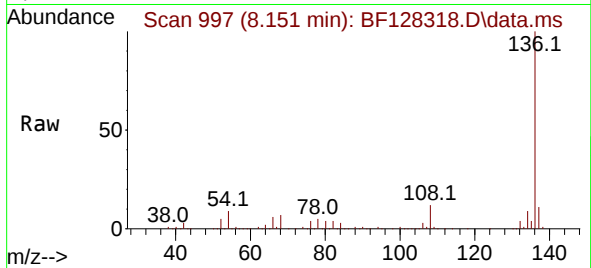


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128318.D
Acq: 18 May 2022 18:27

Instrument :
BNA_F
ClientSampleId :
BI-3

Tgt Ion:136 Resp: 288332

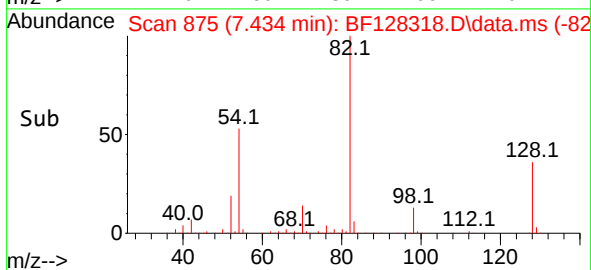
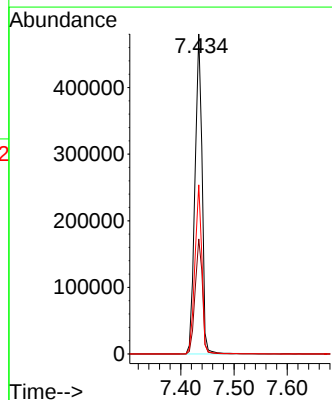
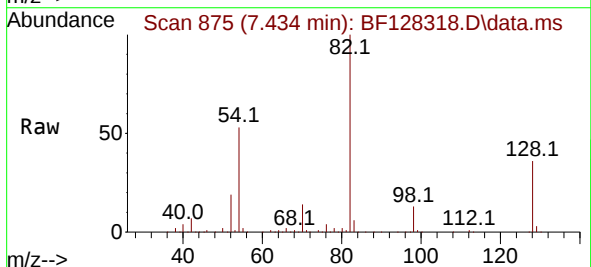
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.8	6.8	10.2
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 69.932 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF128318.D
Acq: 18 May 2022 18:27

Tgt Ion: 82 Resp: 448116

Ion	Ratio	Lower	Upper
82	100		
128	36.0	30.0	45.0
54	52.8	41.3	61.9

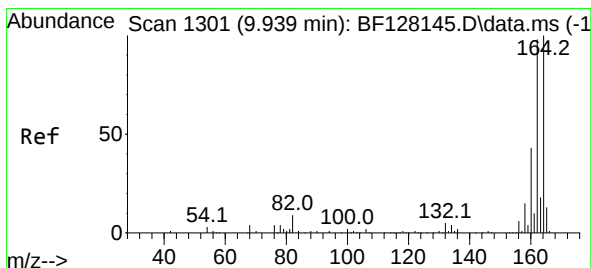
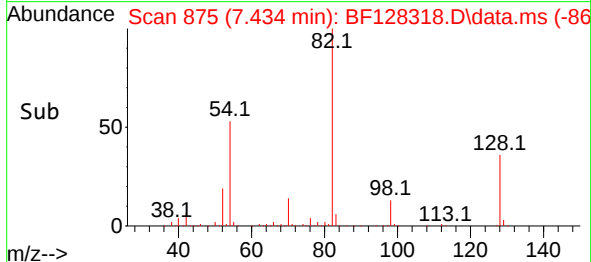
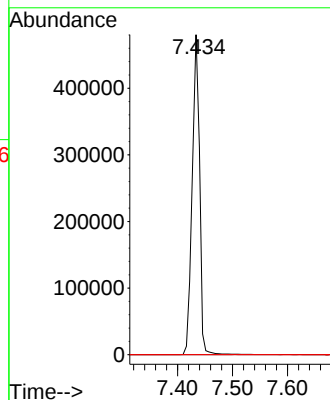
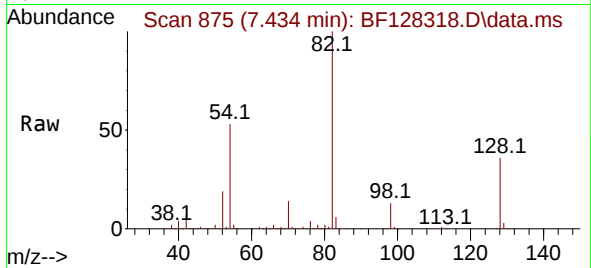




#25
Isophorone
Concen: 44.606 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF128318.D
Acq: 18 May 2022 18:27

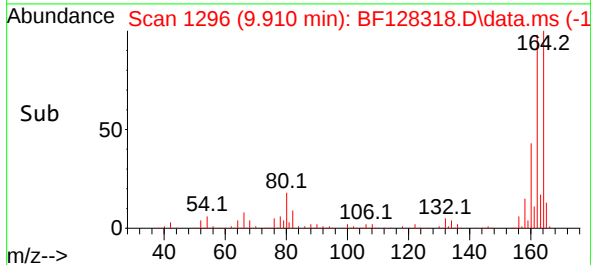
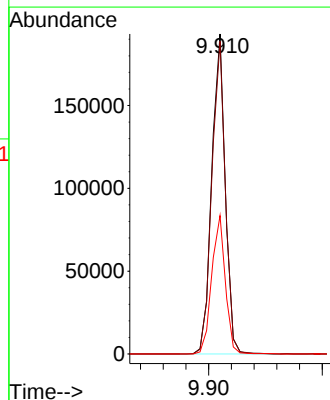
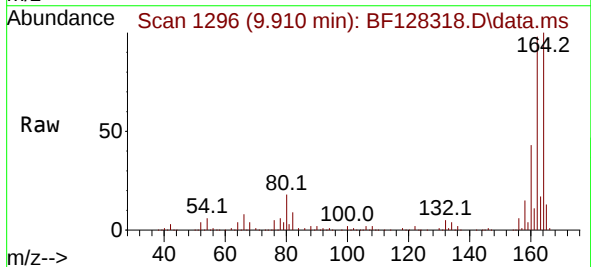
Instrument :
BNA_F
ClientSampleId :
BI-3

Tgt Ion: 82 Resp: 448113
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: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF128318.D
Acq: 18 May 2022 18:27

Tgt Ion:164 Resp: 158578
Ion Ratio Lower Upper
164 100
162 97.7 76.0 114.0
160 43.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 85.021 ng

RT: 10.704 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF128318.D

Acq: 18 May 2022 18:27

Instrument :

BNA_F

ClientSampleId :

BI-3

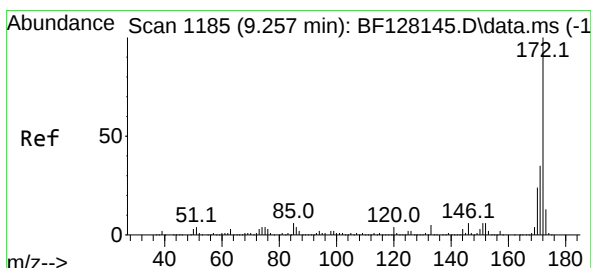
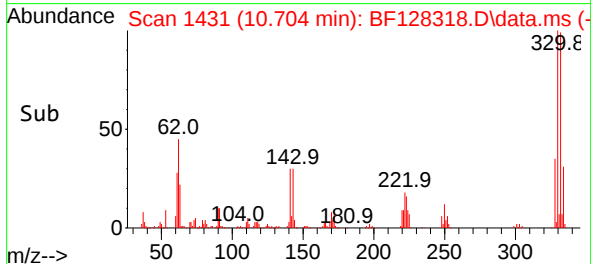
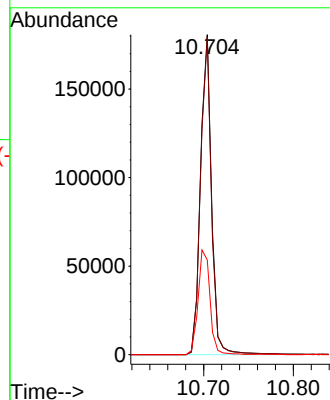
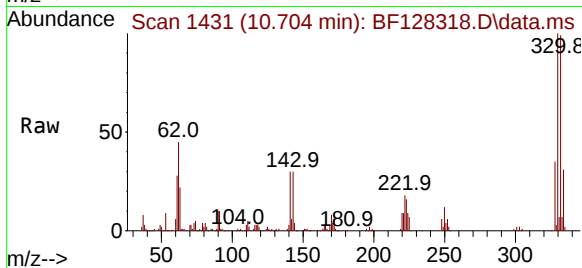
Tgt Ion:330 Resp: 154627

Ion Ratio Lower Upper

330 100

332 98.0 79.0 118.4

141 35.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 68.049 ng

RT: 9.228 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF128318.D

Acq: 18 May 2022 18:27

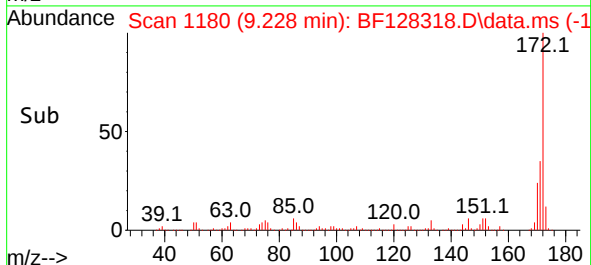
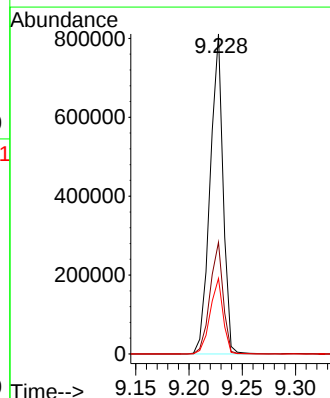
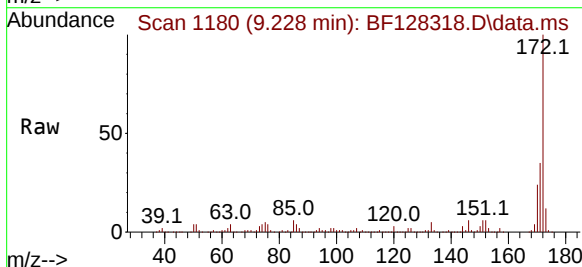
Tgt Ion:172 Resp: 689666

Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.165 ng

RT: 9.910 min Scan# 1296

Delta R.T. 0.206 min

Lab File: BF128318.D

Acq: 18 May 2022 18:27

Instrument :

BNA_F

ClientSampleId :

BI-3

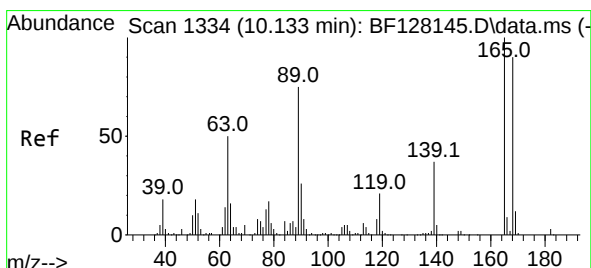
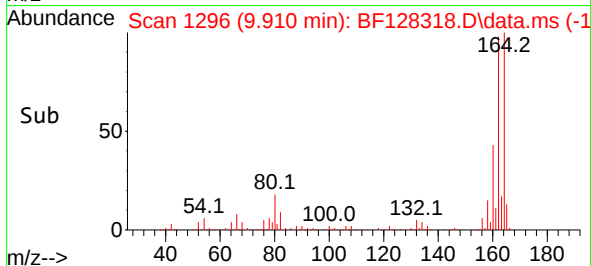
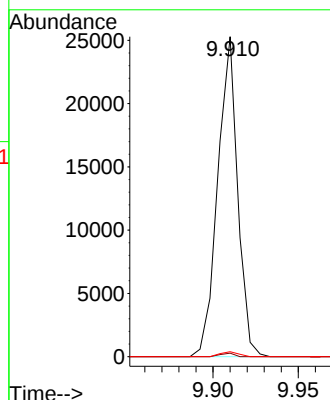
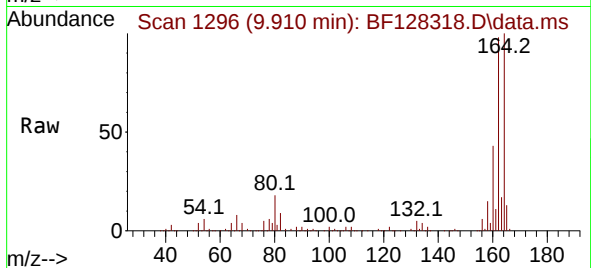
Tgt Ion:165 Resp: 20574

Ion Ratio Lower Upper

165 100

63 1.1 49.5 74.3#

89 1.6 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.854 ng

RT: 9.910 min Scan# 1296

Delta R.T. -0.206 min

Lab File: BF128318.D

Acq: 18 May 2022 18:27

Tgt Ion:165 Resp: 20574

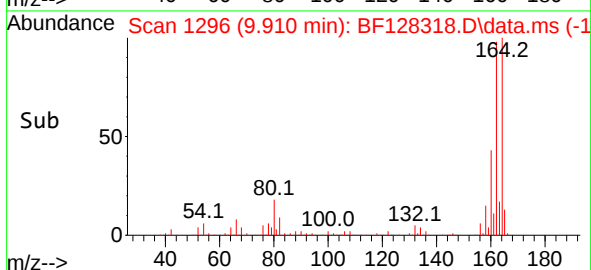
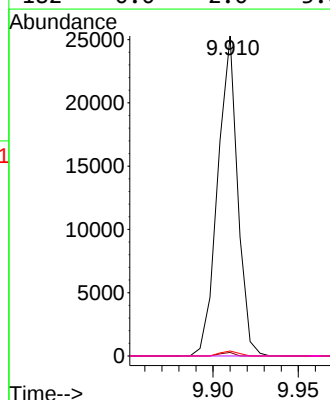
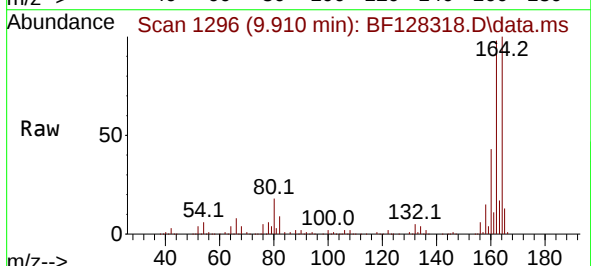
Ion Ratio Lower Upper

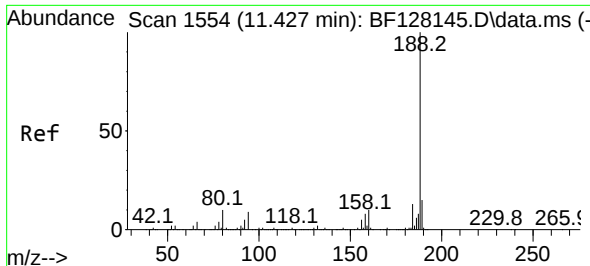
165 100

63 1.1 32.6 49.0#

89 1.6 55.2 82.8#

182 0.0 2.0 3.0#

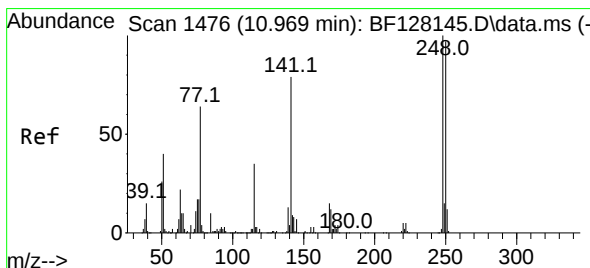
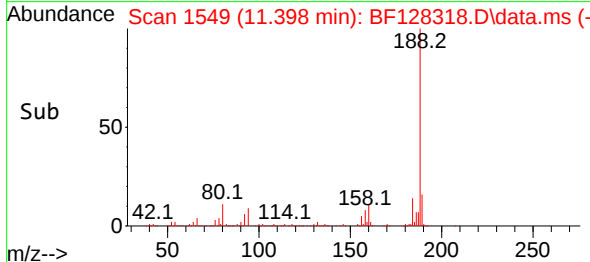
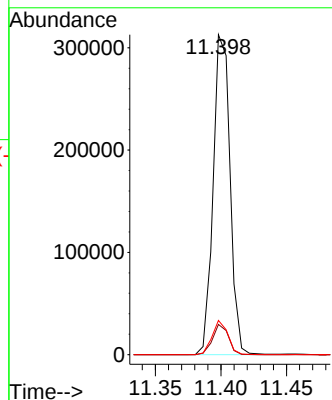
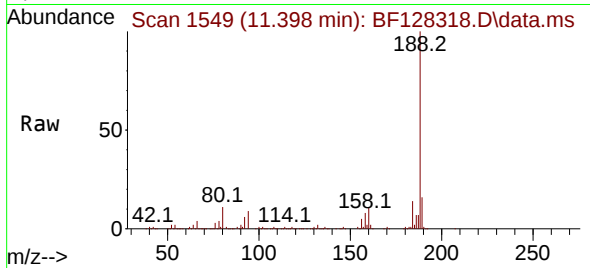




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128318.D
Acq: 18 May 2022 18:27

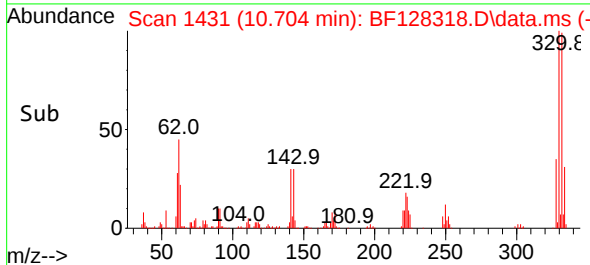
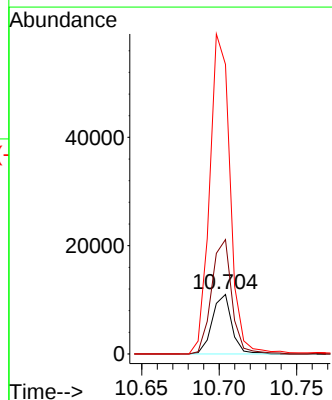
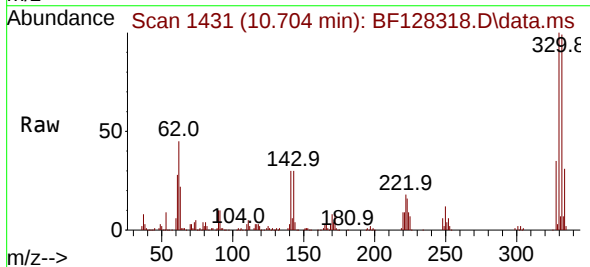
Instrument :
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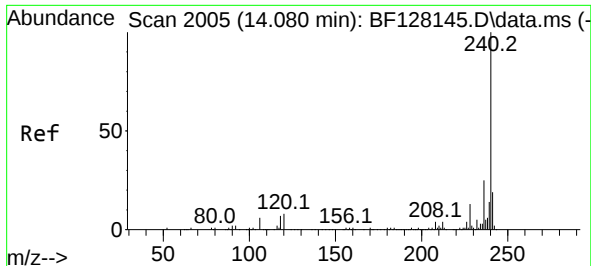
Tgt Ion:188 Resp: 279935
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.199 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.241 min
Lab File: BF128318.D
Acq: 18 May 2022 18:27

Tgt Ion:248 Resp: 9634
Ion Ratio Lower Upper
248 100
250 192.0 77.7 116.5#
141 486.2 65.6 98.4#

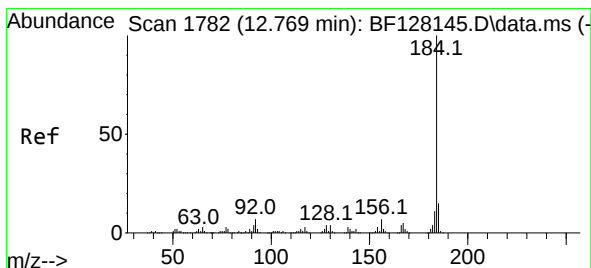
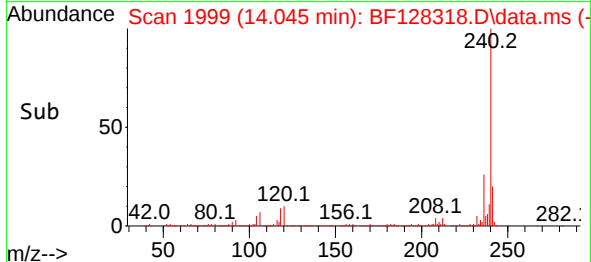
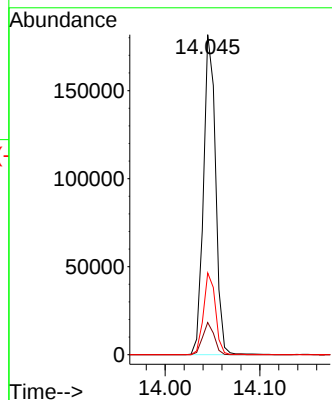
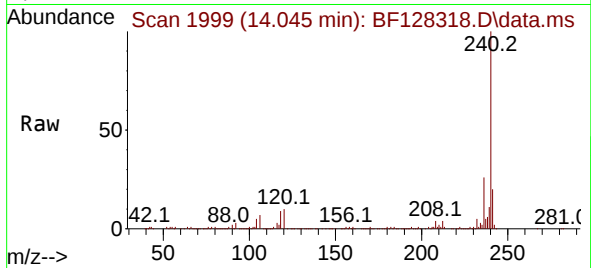




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1819
Delta R.T. -0.012 min
Lab File: BF128318.D
Acq: 18 May 2022 18:27

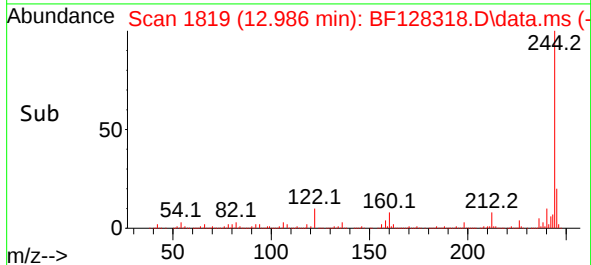
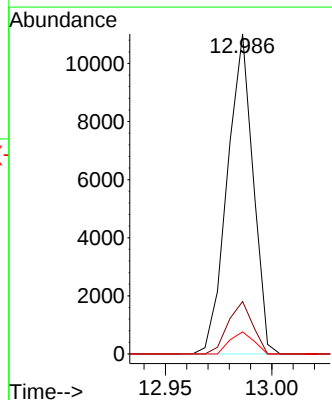
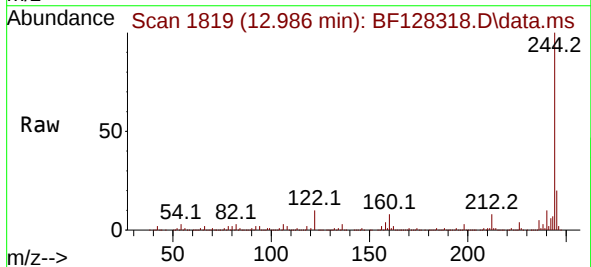
Instrument :
BNA_F
ClientSampleId :
BI-3

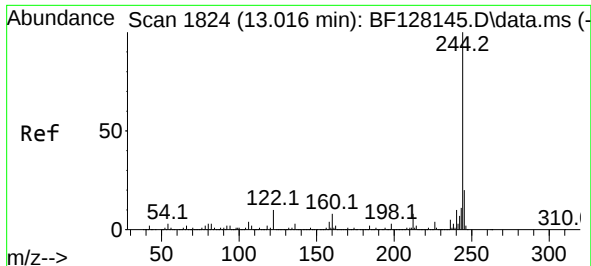
Tgt Ion:240 Resp: 161871
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 25.6 20.3 30.5



#77
Benzidine
Concen: 2.650 ng
RT: 12.986 min Scan# 1819
Delta R.T. 0.241 min
Lab File: BF128318.D
Acq: 18 May 2022 18:27

Tgt Ion:184 Resp: 9289
Ion Ratio Lower Upper
184 100
185 16.4 12.1 18.1
183 6.9 9.0 13.4#

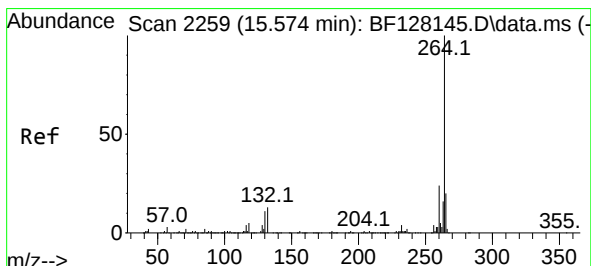
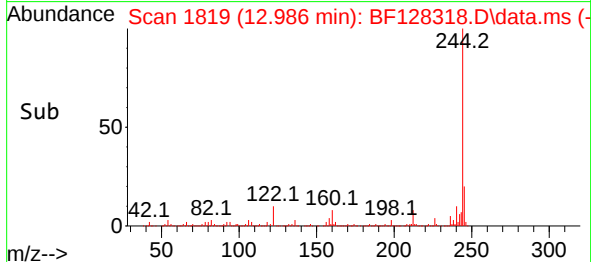
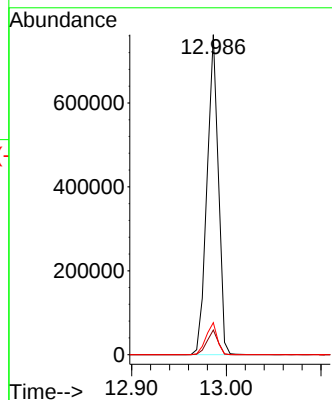
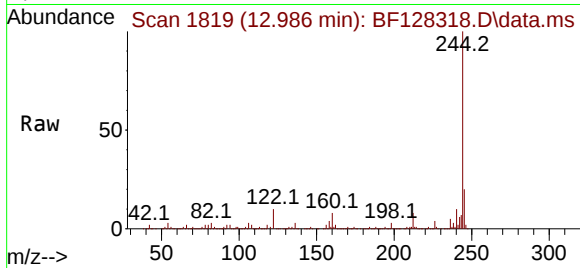




#79
 Terphenyl-d14
 Concen: 73.477 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128318.D
 Acq: 18 May 2022 18:27

Instrument :
 BNA_F
 ClientSampleId :
 BI-3

Tgt Ion:244 Resp: 633855
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2253
 Delta R.T. -0.006 min
 Lab File: BF128318.D
 Acq: 18 May 2022 18:27

Tgt Ion:264 Resp: 165472
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.1 30.1
 265 21.6 17.5 26.3

