

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
 Data File : BF128239.D
 Acq On : 13 May 2022 15:15
 Operator : CG\JU
 Sample : N2823-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-2

Quant Time: May 14 00:55:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

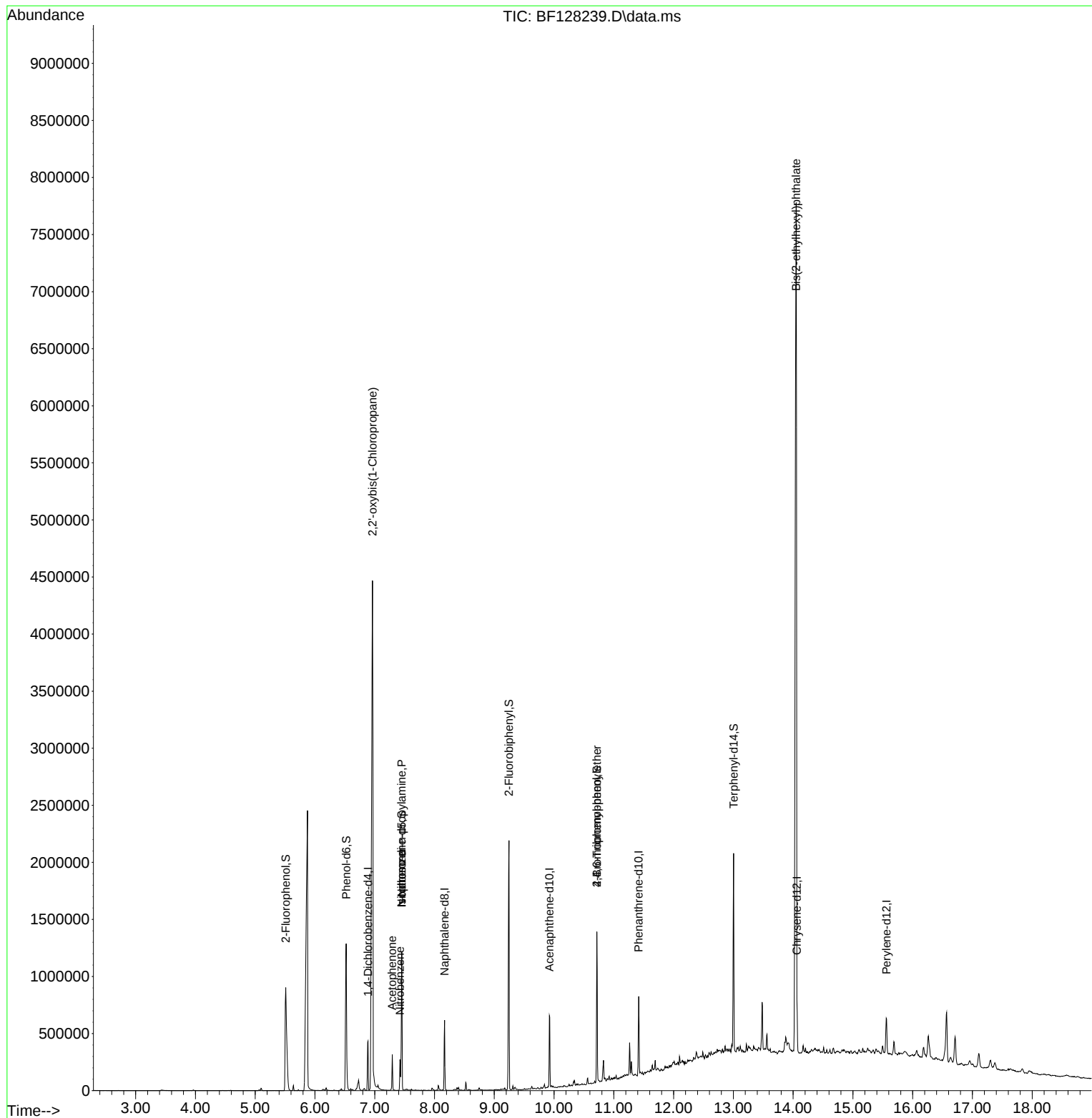
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	62118	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	236708	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	135062	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	228143	20.000	ng	0.00
76) Chrysene-d12	14.063	240	132846	20.000	ng	0.00
86) Perylene-d12	15.563	264	144126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	428948	110.081	ng	0.00
7) Phenol-d6	6.522	99	549677	106.652	ng	0.00
23) Nitrobenzene-d5	7.451	82	381618	72.543	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	148696	95.995	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	637052	73.802	ng	0.00
79) Terphenyl-d14	13.004	244	557138	78.694	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.440	77	2596	Below Cal		87
16) 2,2'-oxybis(1-Chloropr...	6.963	45	39424	6.532 ng		89
19) n-Nitroso-di-n-propyla...	7.451	70	51846	16.335 ng	#	79
22) Acetophenone	7.293	105	74363	12.616 ng	#	95
24) Nitrobenzene	7.422	77	15544	3.202 ng	#	50
25) Isophorone	7.451	82	381612	46.271 ng	#	68
67) 4-Bromophenyl-phenylether	10.716	248	9085	3.701 ng	#	1
84) Bis(2-ethylhexyl)phtha...	14.051	149	3420777	632.215 ng	#	96

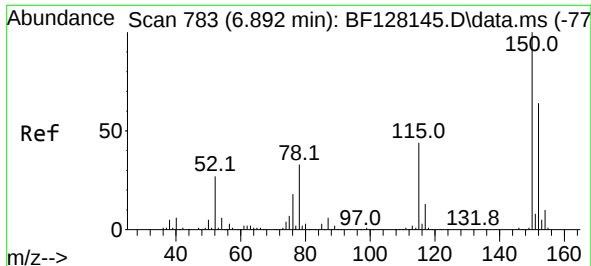
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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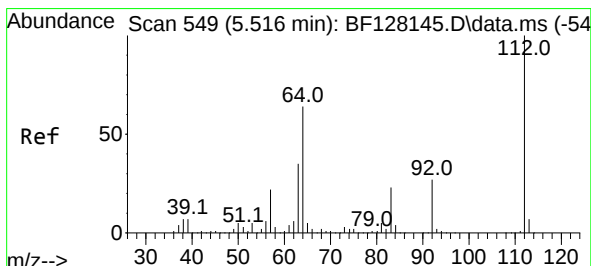
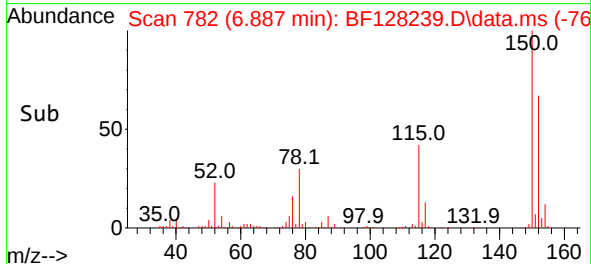
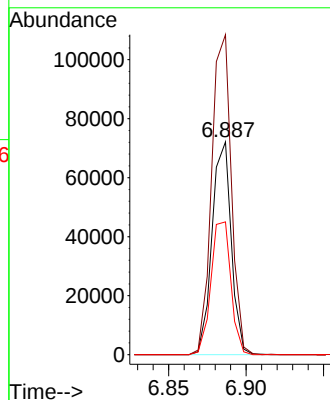
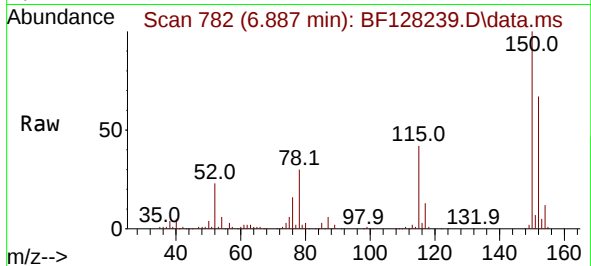




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128239.D
Acq: 13 May 2022 15:15

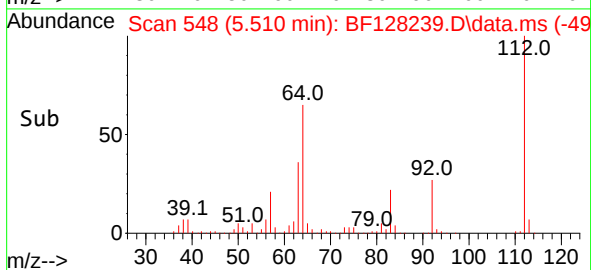
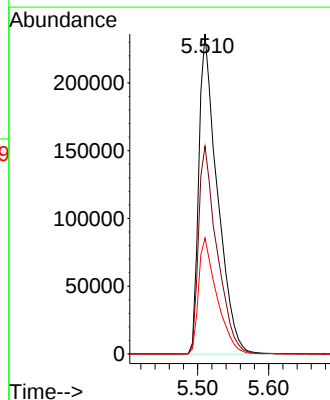
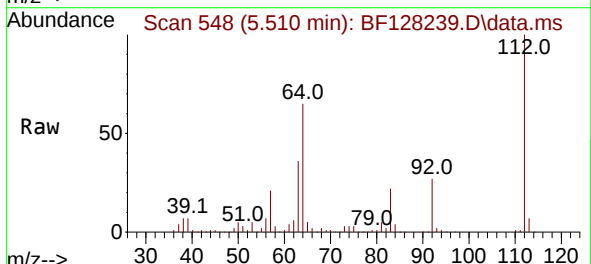
Instrument :
BNA_F
ClientSampleId :
SC-2

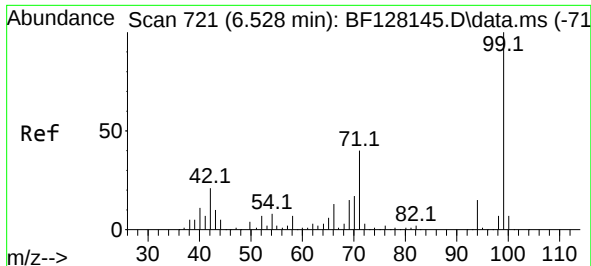
Tgt Ion:152 Resp: 62118
Ion Ratio Lower Upper
152 100
150 150.3 125.3 187.9
115 62.4 48.8 73.2



#5
2-Fluorophenol
Concen: 110.081 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.000 min
Lab File: BF128239.D
Acq: 13 May 2022 15:15

Tgt Ion:112 Resp: 428948
Ion Ratio Lower Upper
112 100
64 64.9 49.5 74.3
63 36.2 26.3 39.5

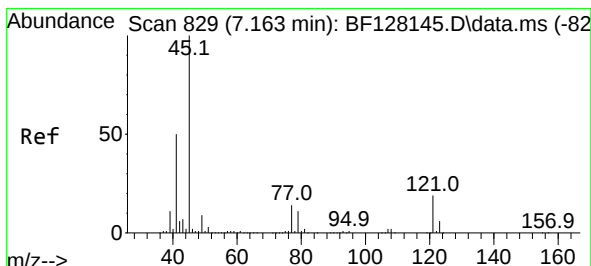
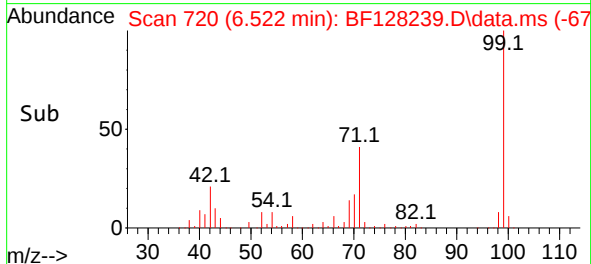
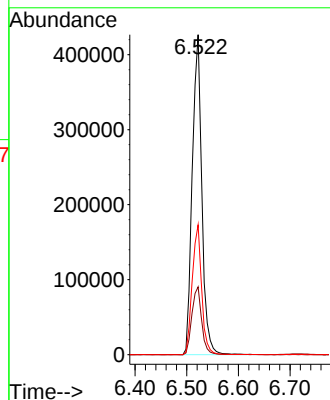
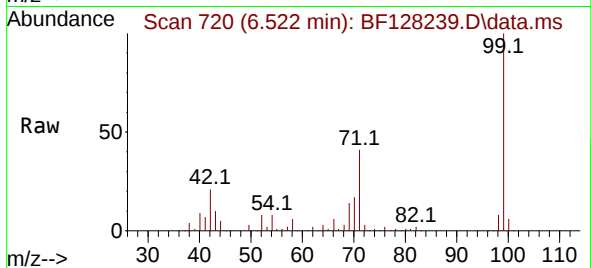




#7
Phenol-d6
Concen: 106.652 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128239.D
Acq: 13 May 2022 15:15

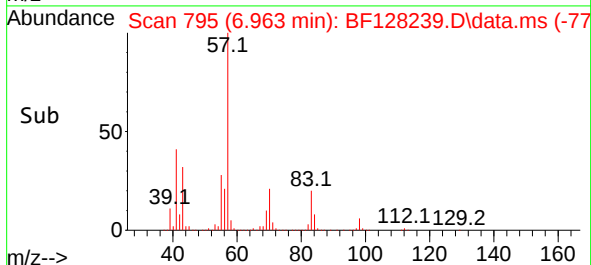
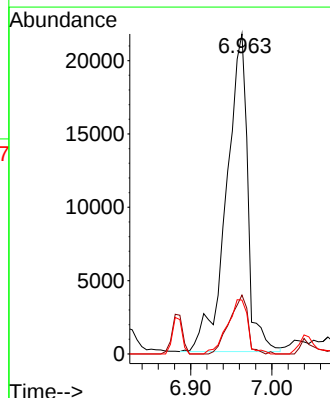
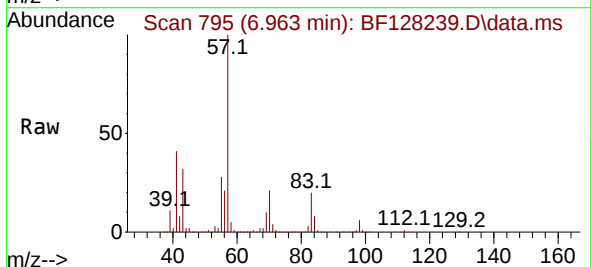
Instrument :
BNA_F
ClientSampleId :
SC-2

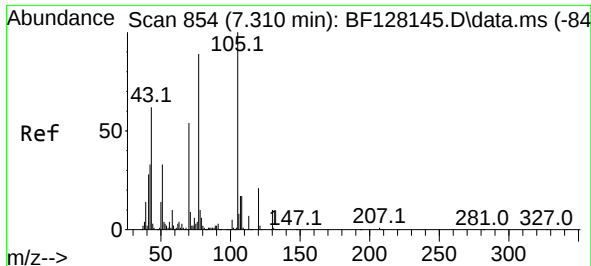
Tgt Ion: 99 Resp: 549677
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 40.6 30.0 45.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 6.532 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.200 min
Lab File: BF128239.D
Acq: 13 May 2022 15:15

Tgt Ion: 45 Resp: 39424
Ion Ratio Lower Upper
45 100
77 18.4 0.0 34.9
79 16.9 0.0 31.6

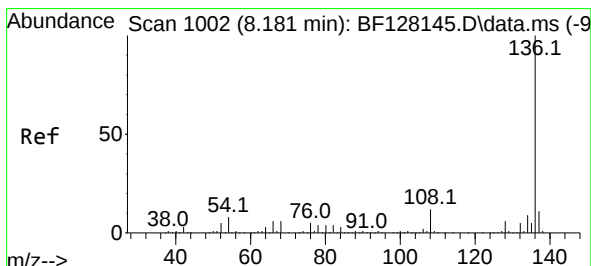
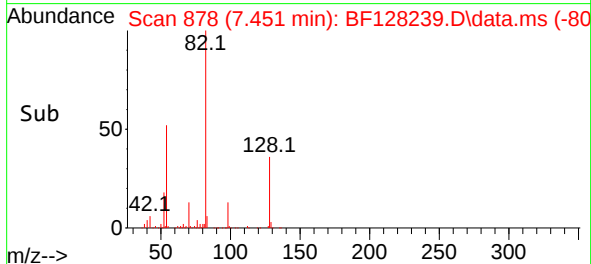
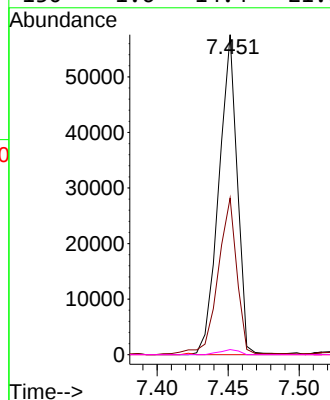
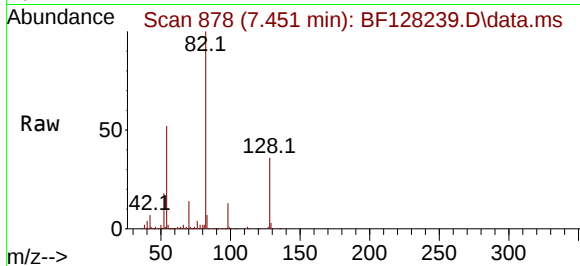




#19
n-Nitroso-di-n-propylamine
Concen: 16.335 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF128239.D
Acq: 13 May 2022 15:15

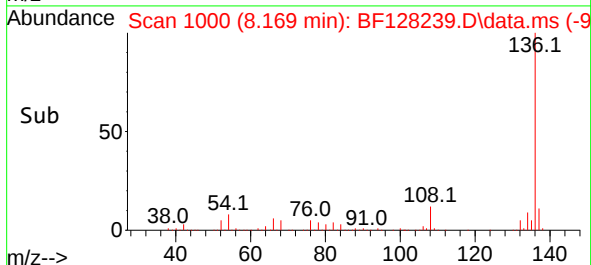
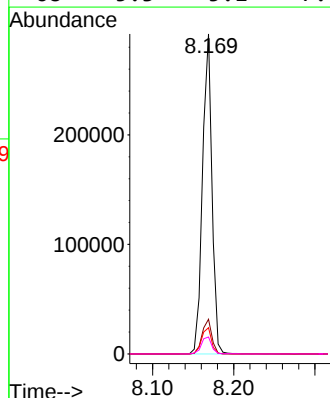
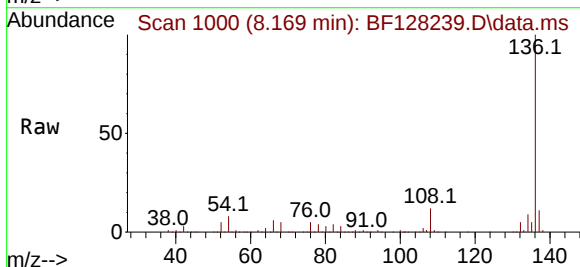
Instrument :
BNA_F
ClientSampleId :
SC-2

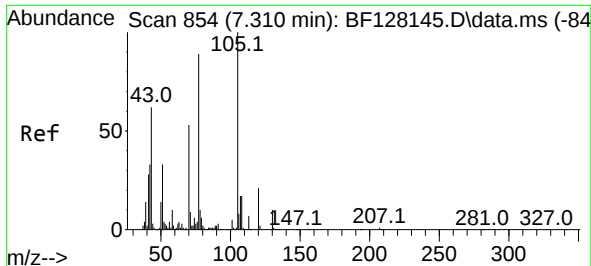
Tgt Ion: 70 Resp: 51846
Ion Ratio Lower Upper
70 100
42 49.0 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF128239.D
Acq: 13 May 2022 15:15

Tgt Ion: 136 Resp: 236708
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.2 6.8 10.2
68 5.3 5.1 7.7

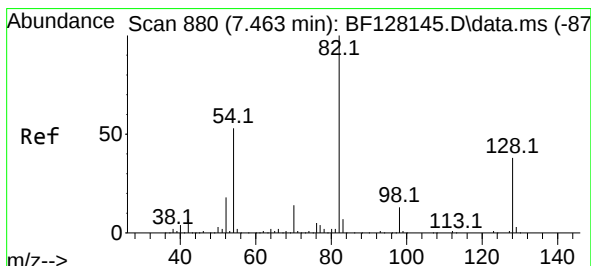
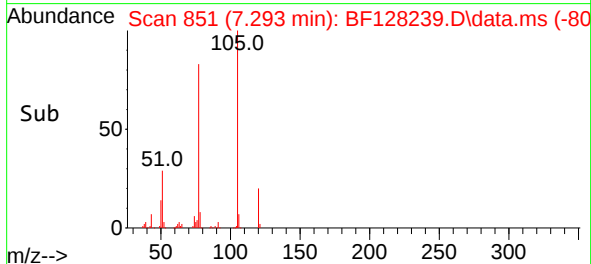
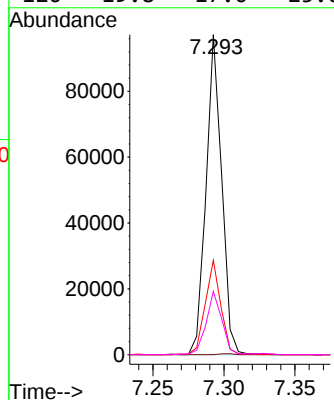
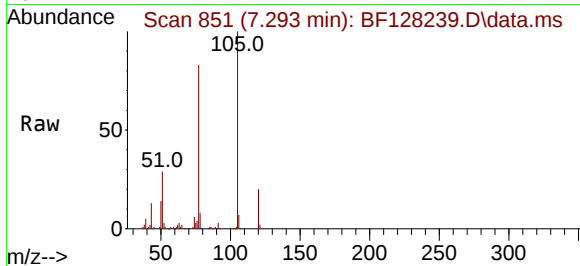




#22
Acetophenone
Concen: 12.616 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128239.D
Acq: 13 May 2022 15:15

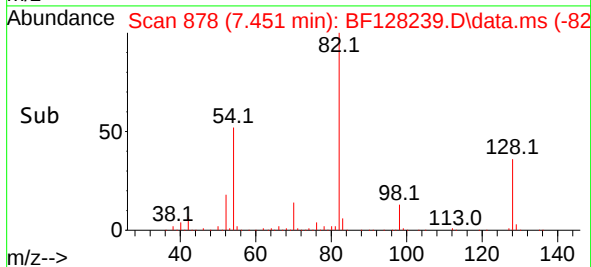
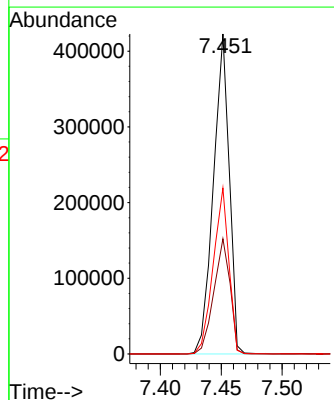
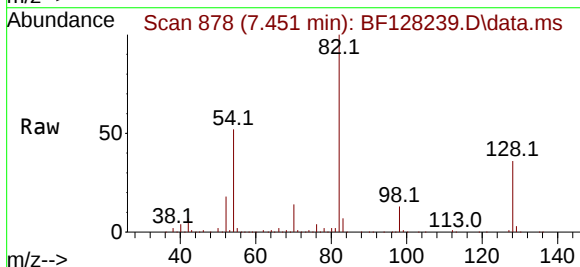
Instrument :
BNA_F
ClientSampleId :
SC-2

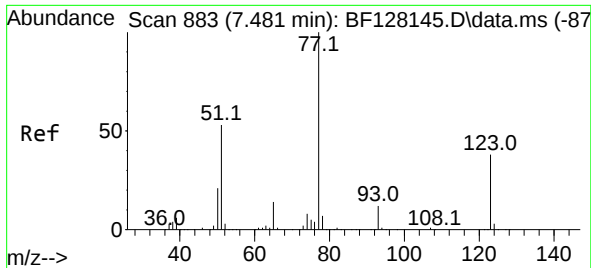
Tgt Ion:105 Resp: 74363
Ion Ratio Lower Upper
105 100
71 0.0 7.3 10.9#
51 29.5 23.7 35.5
120 19.8 17.0 25.6



#23
Nitrobenzene-d5
Concen: 72.543 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128239.D
Acq: 13 May 2022 15:15

Tgt Ion: 82 Resp: 381618
Ion Ratio Lower Upper
82 100
128 36.0 30.0 45.0
54 51.8 41.3 61.9

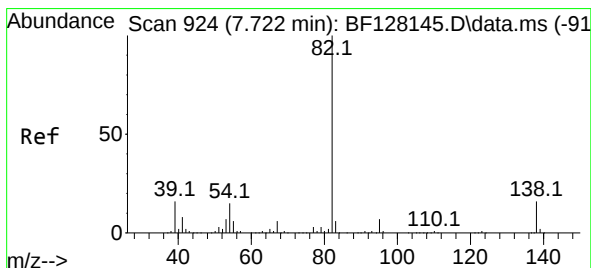
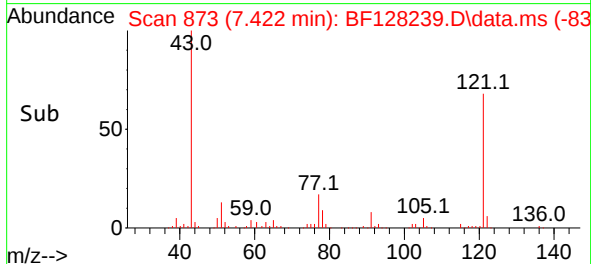
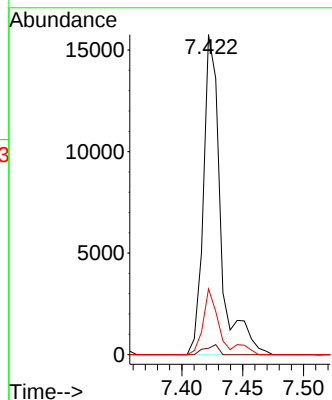
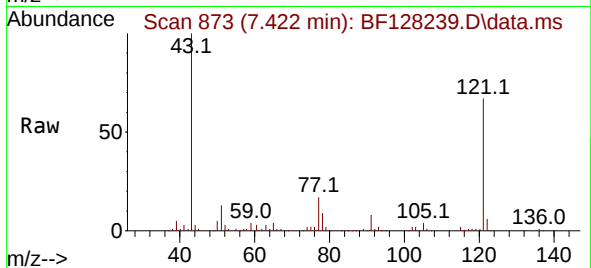




#24
Nitrobenzene
Concen: 3.202 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.059 min
Lab File: BF128239.D
Acq: 13 May 2022 15:15

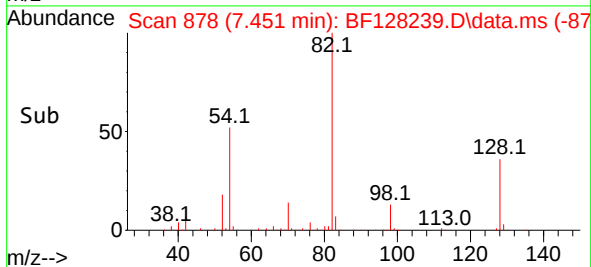
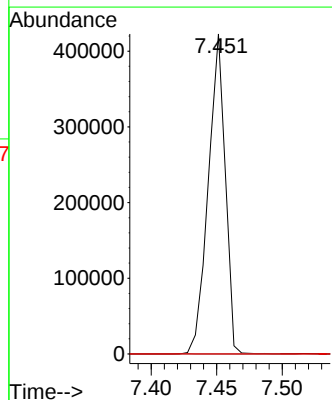
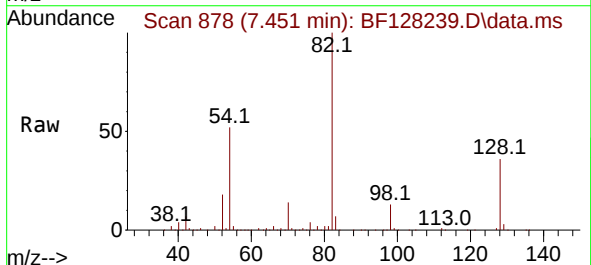
Instrument :
BNA_F
ClientSampleId :
SC-2

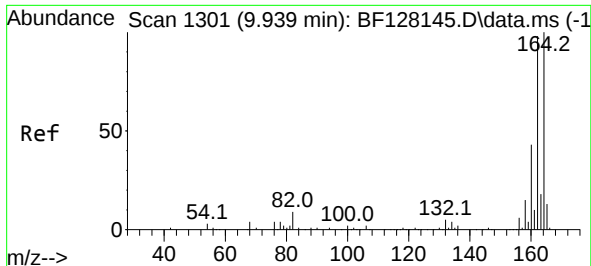
Tgt Ion: 77 Resp: 15544
Ion Ratio Lower Upper
77 100
123 2.0 32.0 48.0#
65 20.5 11.0 16.6#



#25
Isophorone
Concen: 46.271 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.265 min
Lab File: BF128239.D
Acq: 13 May 2022 15:15

Tgt Ion: 82 Resp: 381612
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: 9.922 min Scan# 1301

Delta R.T. -0.012 min

Lab File: BF128239.D

Acq: 13 May 2022 15:15

Instrument :

BNA_F

ClientSampleId :

SC-2

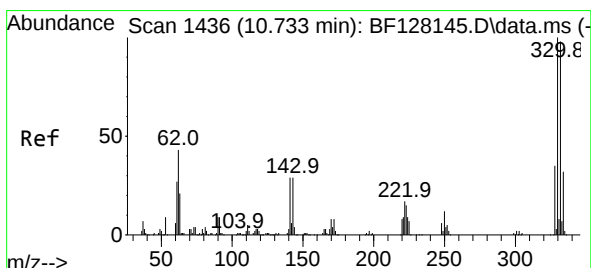
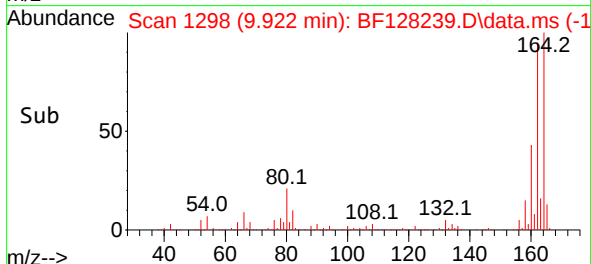
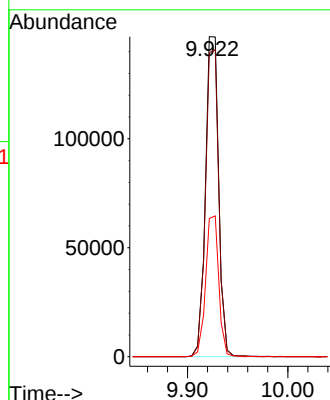
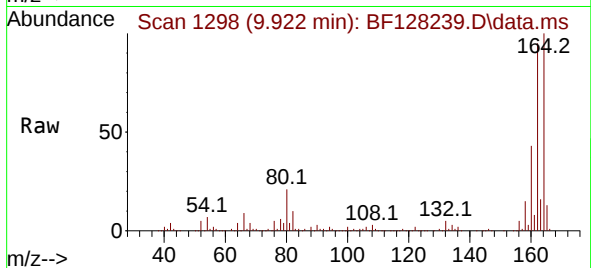
Tgt Ion:164 Resp: 135062

Ion Ratio Lower Upper

164 100

162 95.0 76.0 114.0

160 43.2 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 95.995 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.012 min

Lab File: BF128239.D

Acq: 13 May 2022 15:15

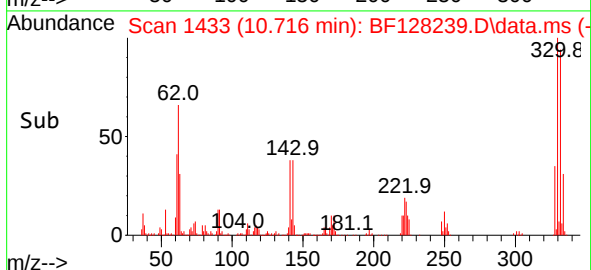
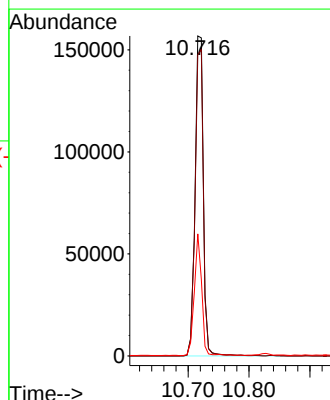
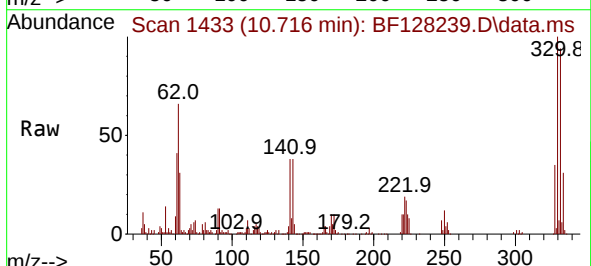
Tgt Ion:330 Resp: 148696

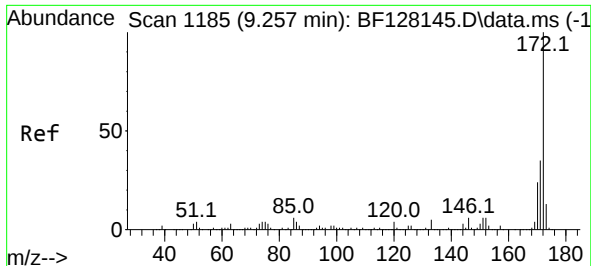
Ion Ratio Lower Upper

330 100

332 95.4 79.0 118.4

141 34.0 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 73.802 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF128239.D

Acq: 13 May 2022 15:15

Instrument :

BNA_F

ClientSampleId :

SC-2

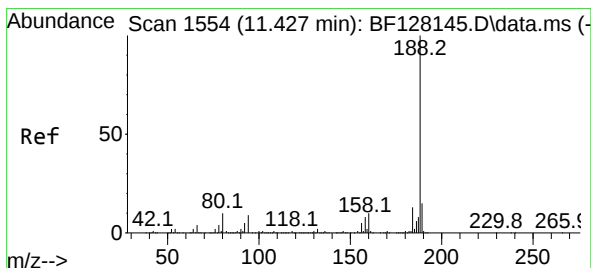
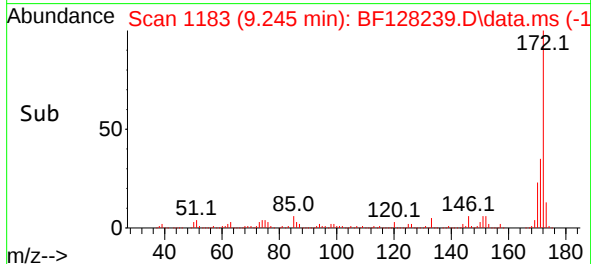
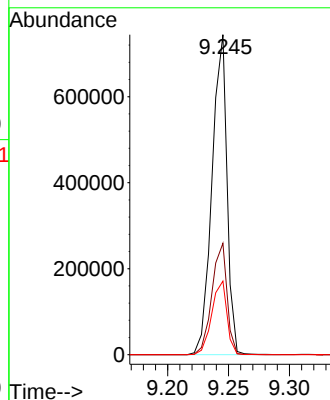
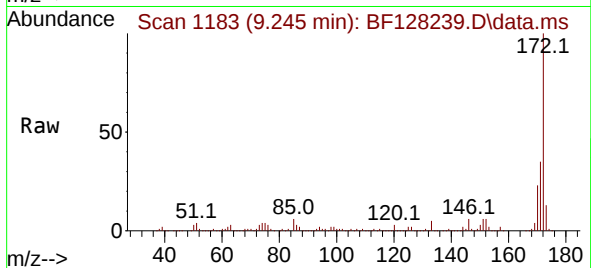
Tgt Ion:172 Resp: 637052

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.0 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1552

Delta R.T. -0.006 min

Lab File: BF128239.D

Acq: 13 May 2022 15:15

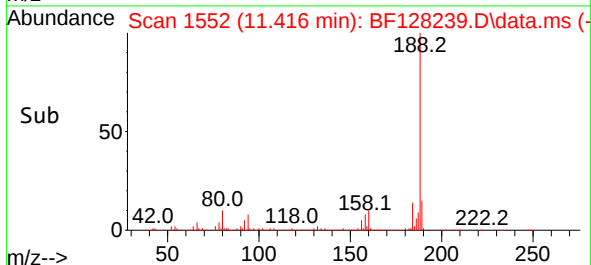
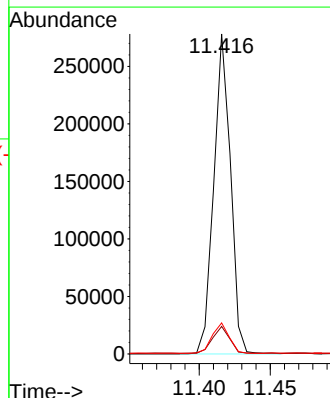
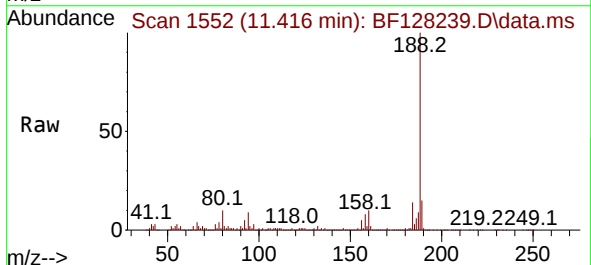
Tgt Ion:188 Resp: 228143

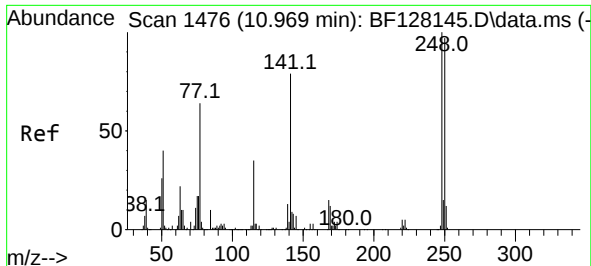
Ion Ratio Lower Upper

188 100

94 8.6 8.0 12.0

80 9.7 8.9 13.3





#67

4-Bromophenyl-phenylether

Concen: 3.701 ng

RT: 10.716 min Scan# 14

Delta R.T. -0.247 min

Lab File: BF128239.D

Acq: 13 May 2022 15:15

Instrument :

BNA_F

ClientSampleId :

SC-2

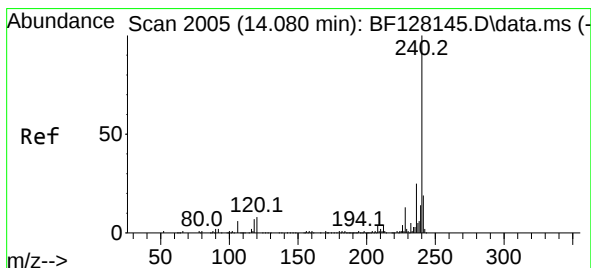
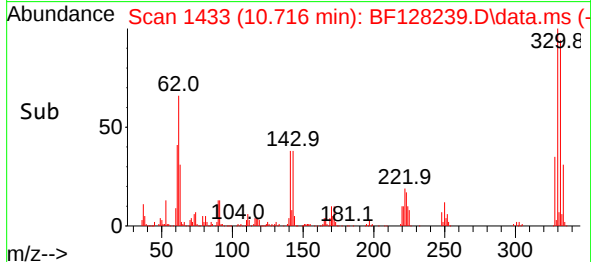
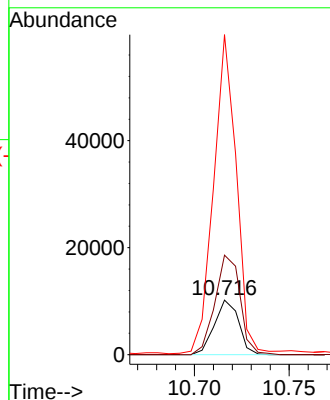
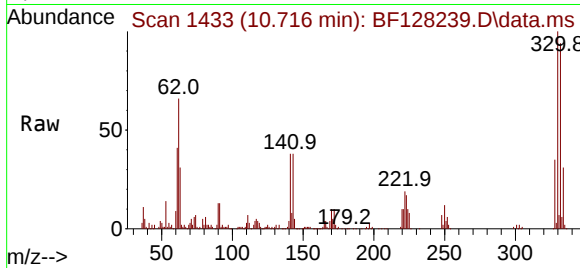
Tgt Ion:248 Resp: 9085

Ion Ratio Lower Upper

248 100

250 182.5 77.7 116.5#

141 586.7 65.6 98.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2002

Delta R.T. -0.006 min

Lab File: BF128239.D

Acq: 13 May 2022 15:15

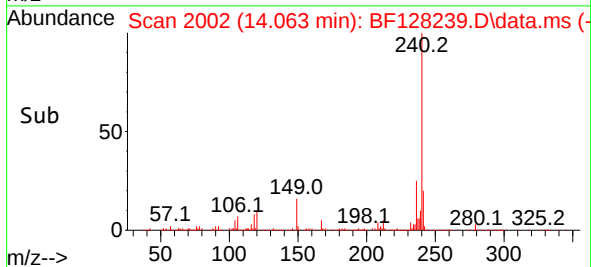
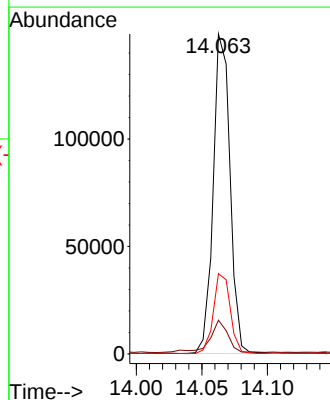
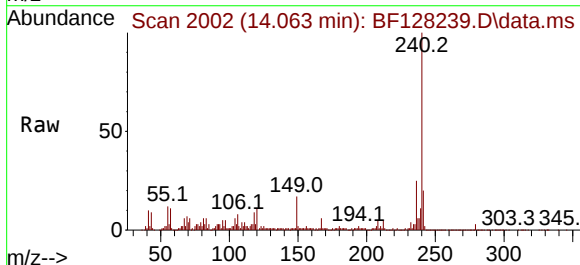
Tgt Ion:240 Resp: 132846

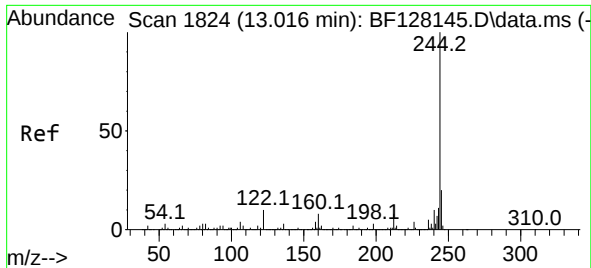
Ion Ratio Lower Upper

240 100

120 10.5 7.0 10.6

236 25.1 20.3 30.5

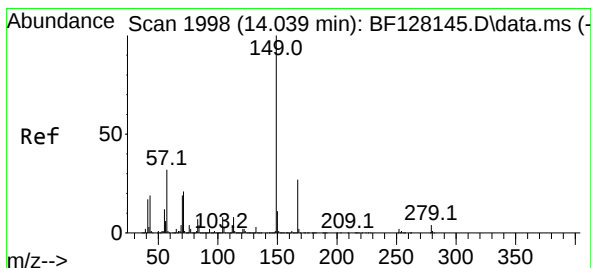
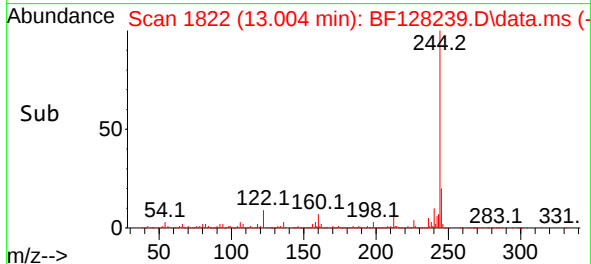
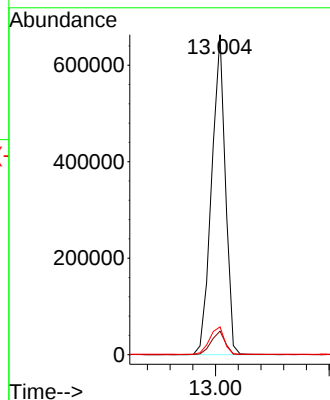
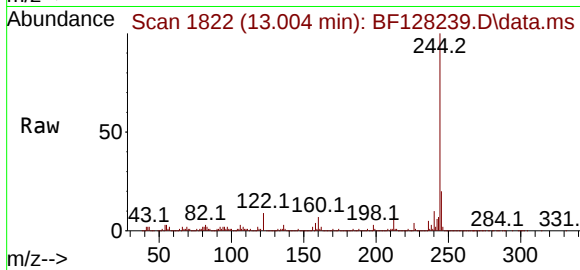




#79
 Terphenyl-d14
 Concen: 78.694 ng
 RT: 13.004 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF128239.D
 Acq: 13 May 2022 15:15

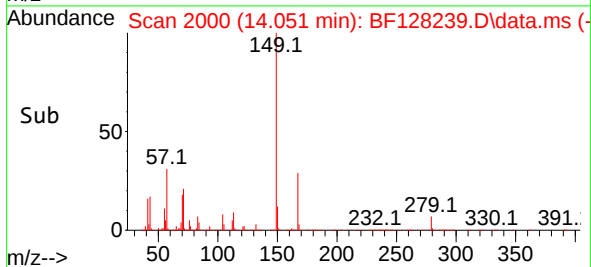
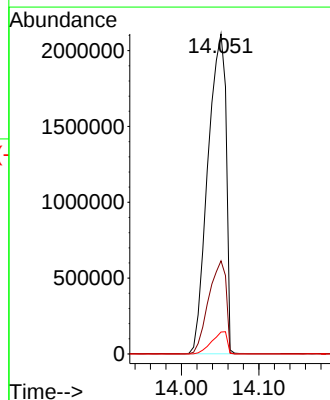
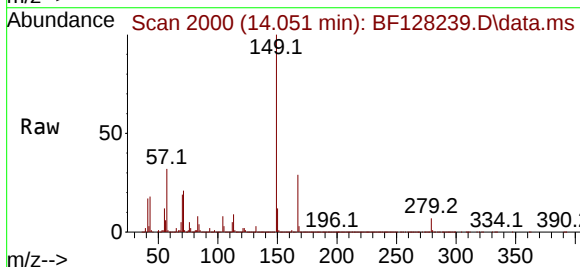
Instrument :
 BNA_F
 ClientSampleId :
 SC-2

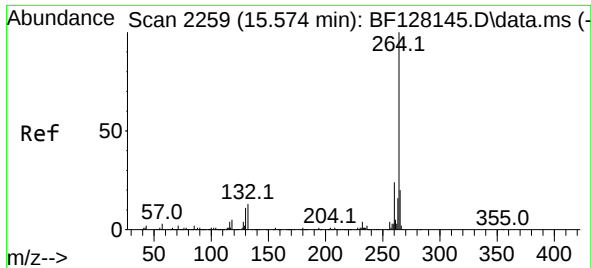
Tgt Ion:244 Resp: 557138
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 8.7 8.6 12.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 632.215 ng
 RT: 14.051 min Scan# 2000
 Delta R.T. 0.024 min
 Lab File: BF128239.D
 Acq: 13 May 2022 15:15

Tgt Ion:149 Resp: 3420777
 Ion Ratio Lower Upper
 149 100
 167 29.1 22.0 33.0
 279 6.9 3.4 5.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF128239.D

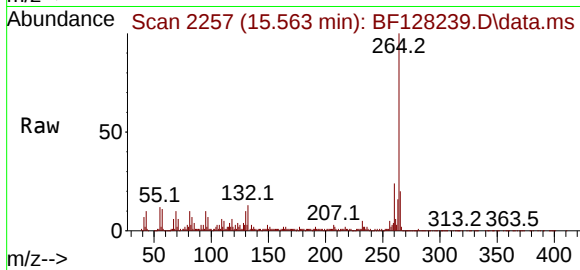
Acq: 13 May 2022 15:15

Instrument :

BNA_F

ClientSampleId :

SC-2



Tgt Ion:264 Resp: 144126

Ion Ratio Lower Upper

264 100

260 23.6 20.1 30.1

265 20.0 17.5 26.3

