

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051322\
 Data File : BF128240.D
 Acq On : 13 May 2022 15:44
 Operator : CG\JU
 Sample : N2823-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-12

Quant Time: May 14 00:56:04 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)

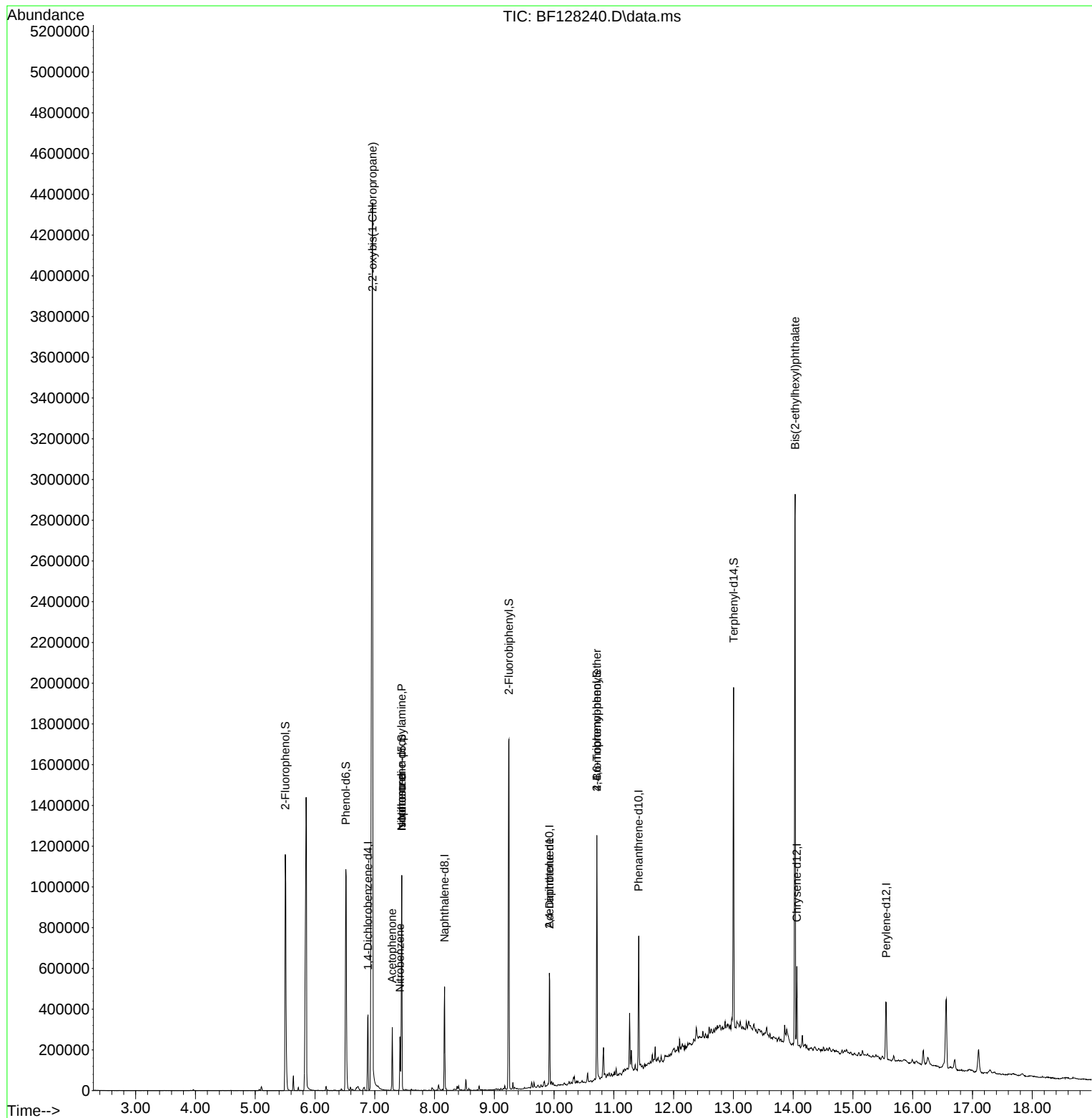
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	51441	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	201609	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	114466	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	208671	20.000	ng	0.00
76) Chrysene-d12	14.063	240	124379	20.000	ng	0.00
86) Perylene-d12	15.557	264	128335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	339075	105.078	ng	0.00
7) Phenol-d6	6.516	99	447887	104.939	ng	-0.01
23) Nitrobenzene-d5	7.451	82	312962	69.849	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	127409	97.052	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	535085	73.143	ng	0.00
79) Terphenyl-d14	13.004	244	533299	80.455	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	2088	Below Cal		85
16) 2,2'-oxybis(1-Chloropr...	6.963	45	33072	6.616 ng		90
19) n-Nitroso-di-n-propyla...	7.451	70	41950	15.960 ng	#	78
22) Acetophenone	7.292	105	71793	14.301 ng	#	93
24) Nitrobenzene	7.422	77	14575	3.525 ng	#	52
25) Isophorone	7.451	82	312957	44.553 ng	#	68
57) 2,4-Dinitrotoluene	9.922	165	15259	7.043 ng	#	26
67) 4-Bromophenyl-phenylether	10.716	248	7638	3.402 ng	#	1
84) Bis(2-ethylhexyl)phtha...	14.033	149	740536	146.180 ng		99

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

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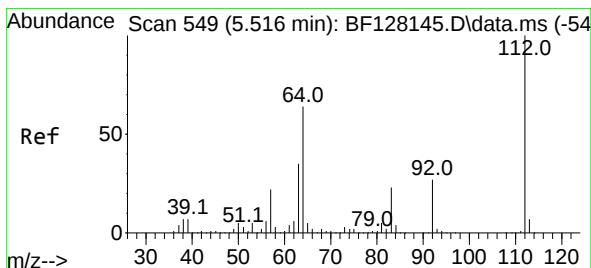
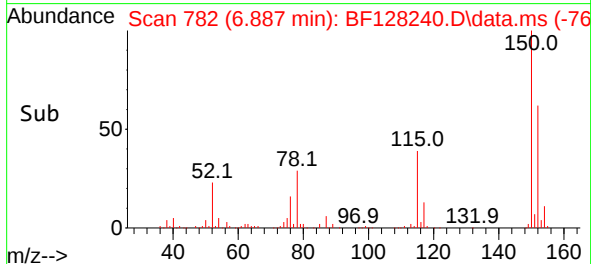
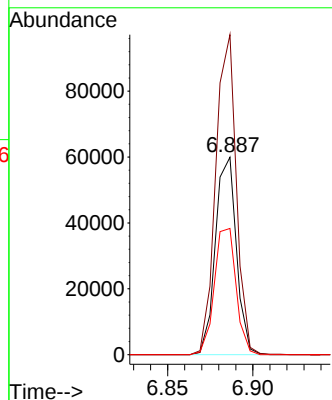
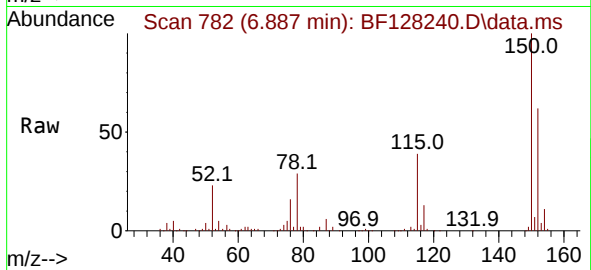




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128240.D
 Acq: 13 May 2022 15:44

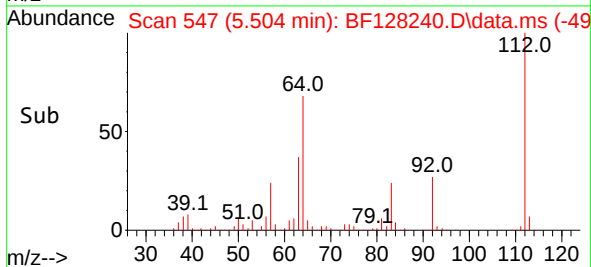
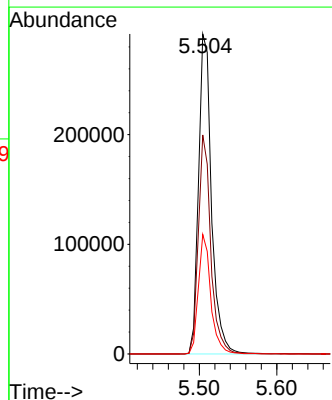
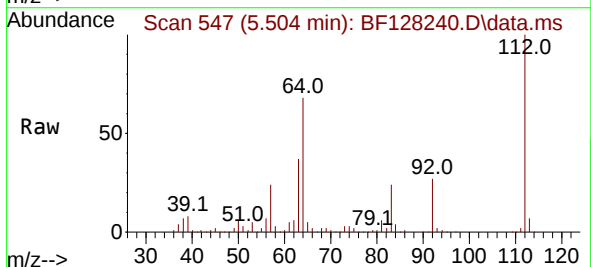
Instrument :
 BNA_F
 ClientSampleId :
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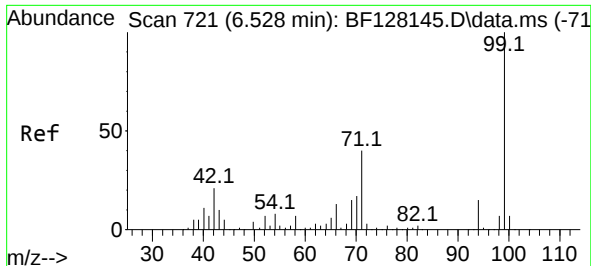
Tgt Ion:152 Resp: 51441
 Ion Ratio Lower Upper
 152 100
 150 162.1 125.3 187.9
 115 63.9 48.8 73.2



#5
 2-Fluorophenol
 Concen: 105.078 ng
 RT: 5.504 min Scan# 547
 Delta R.T. -0.006 min
 Lab File: BF128240.D
 Acq: 13 May 2022 15:44

Tgt Ion:112 Resp: 339075
 Ion Ratio Lower Upper
 112 100
 64 68.4 49.5 74.3
 63 37.4 26.3 39.5

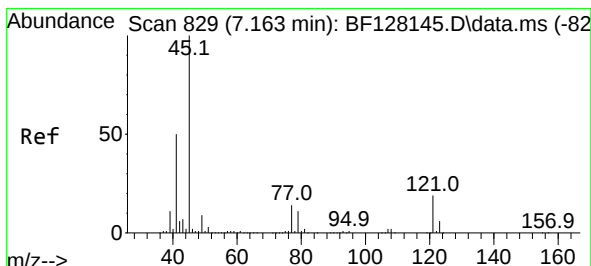
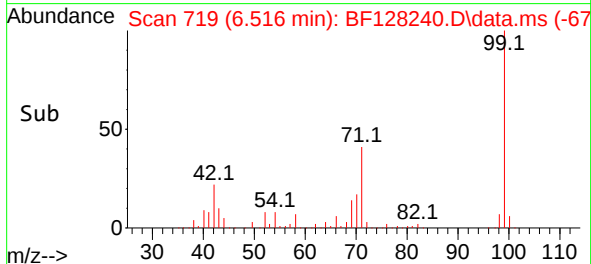
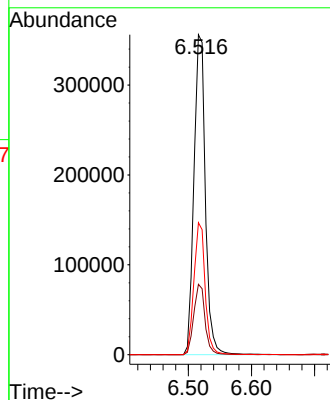
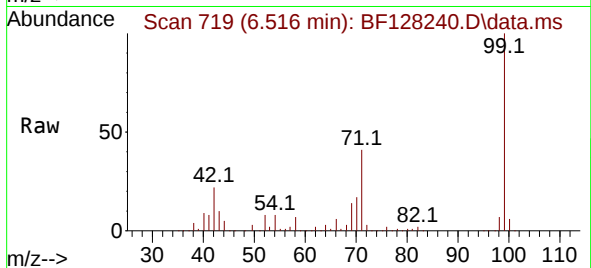




#7
Phenol-d6
Concen: 104.939 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF128240.D
Acq: 13 May 2022 15:44

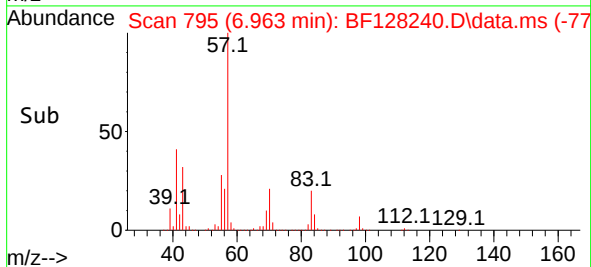
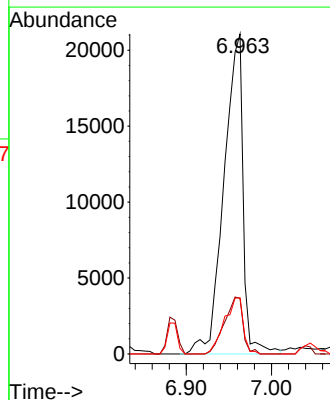
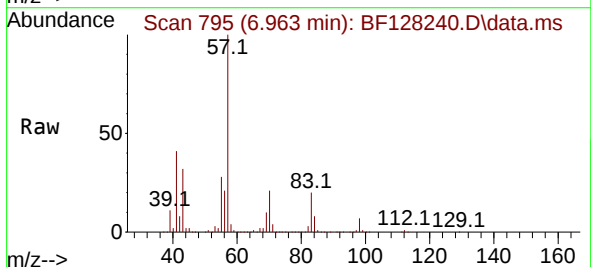
Instrument :
BNA_F
ClientSampleId :
SC-12

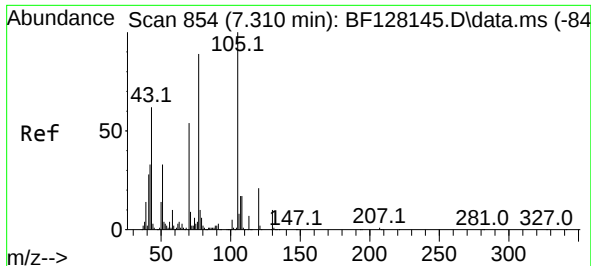
Tgt Ion: 99 Resp: 447887
Ion Ratio Lower Upper
99 100
42 22.0 16.6 24.8
71 41.2 30.0 45.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.616 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.200 min
Lab File: BF128240.D
Acq: 13 May 2022 15:44

Tgt Ion: 45 Resp: 33072
Ion Ratio Lower Upper
45 100
77 17.4 0.0 34.9
79 17.5 0.0 31.6

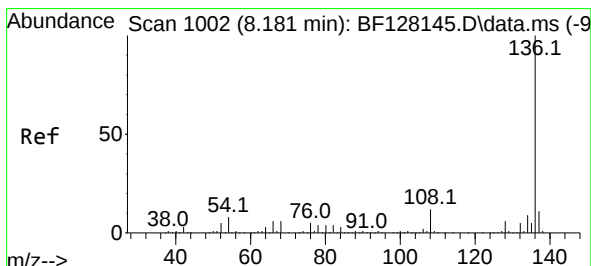
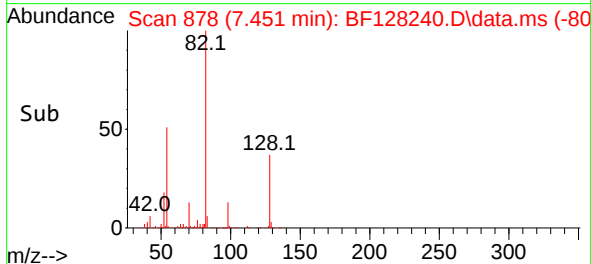
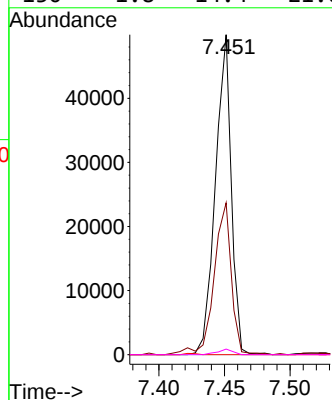
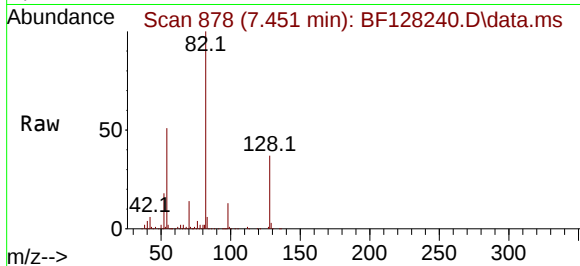




#19
n-Nitroso-di-n-propylamine
Concen: 15.960 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF128240.D
Acq: 13 May 2022 15:44

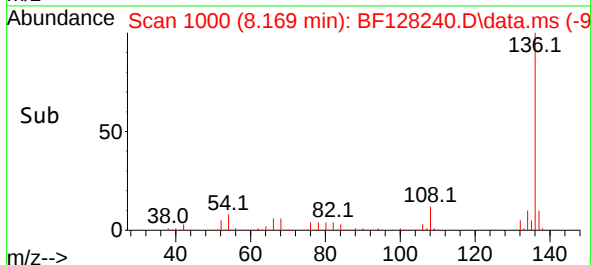
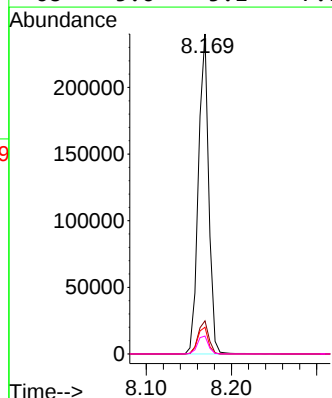
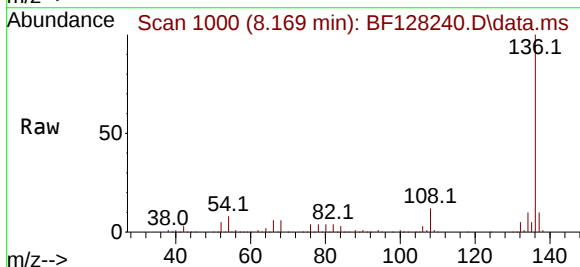
Instrument :
BNA_F
ClientSampleId :
SC-12

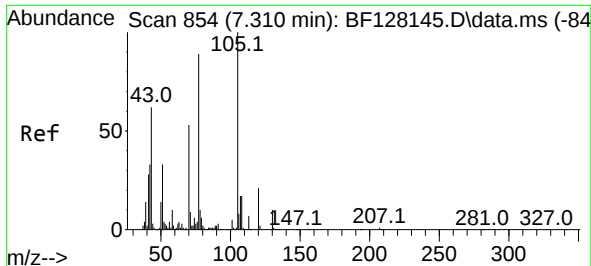
Tgt Ion: 70 Resp: 41950
Ion Ratio Lower Upper
70 100
42 47.5 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF128240.D
Acq: 13 May 2022 15:44

Tgt Ion: 136 Resp: 201609
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.4 6.8 10.2
68 5.6 5.1 7.7

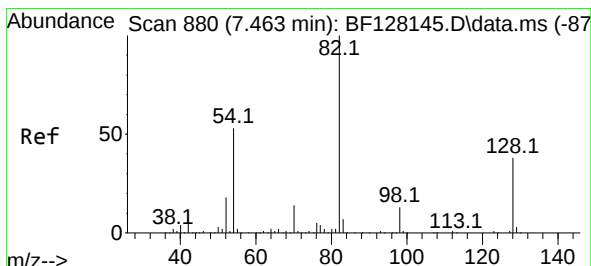
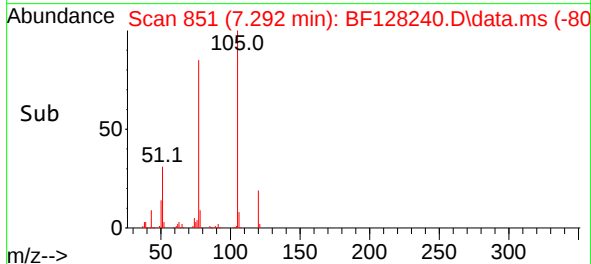
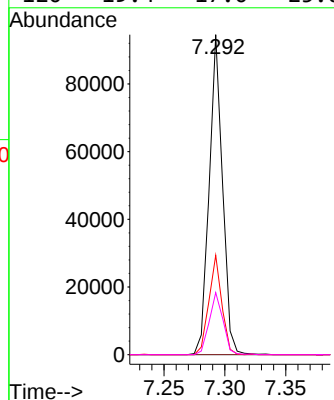
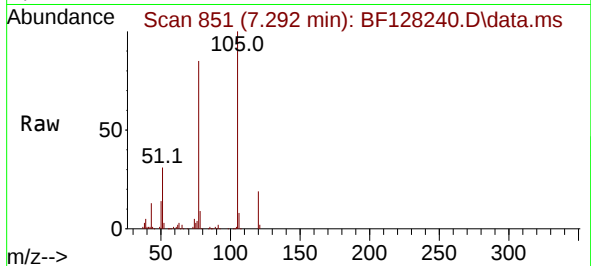




#22
Acetophenone
Concen: 14.301 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128240.D
Acq: 13 May 2022 15:44

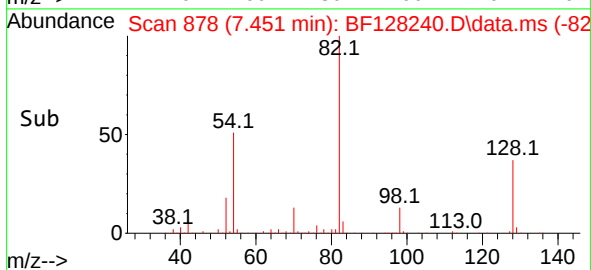
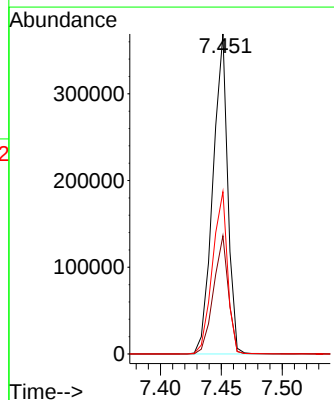
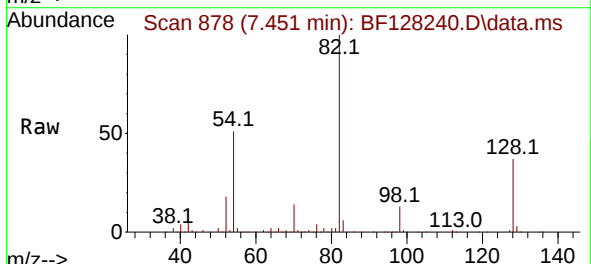
Instrument :
BNA_F
ClientSampleId :
SC-12

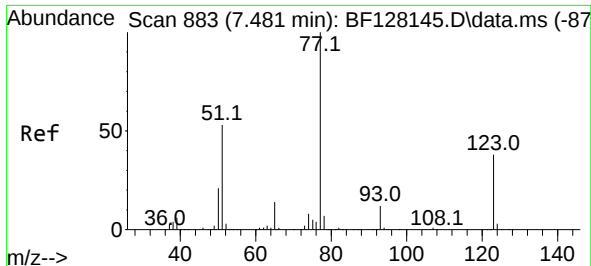
Tgt Ion:105 Resp: 71793
Ion Ratio Lower Upper
105 100
71 0.0 7.3 10.9#
51 31.0 23.7 35.5
120 19.4 17.0 25.6



#23
Nitrobenzene-d5
Concen: 69.849 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128240.D
Acq: 13 May 2022 15:44

Tgt Ion: 82 Resp: 312962
Ion Ratio Lower Upper
82 100
128 37.0 30.0 45.0
54 50.7 41.3 61.9

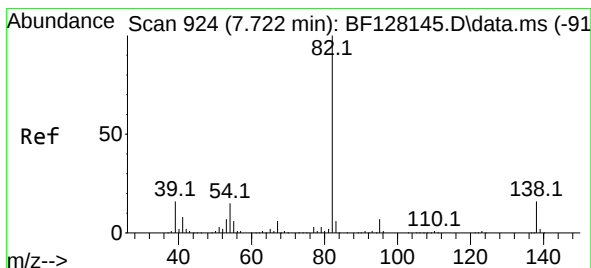
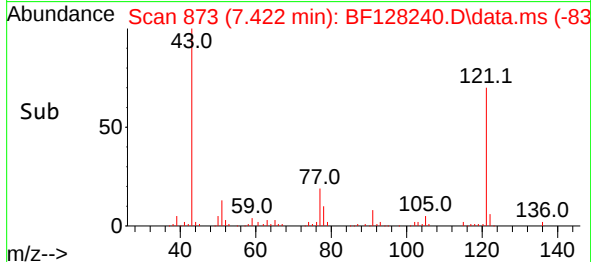
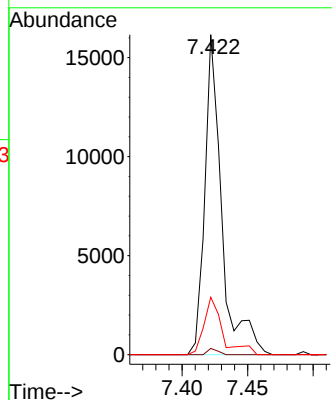
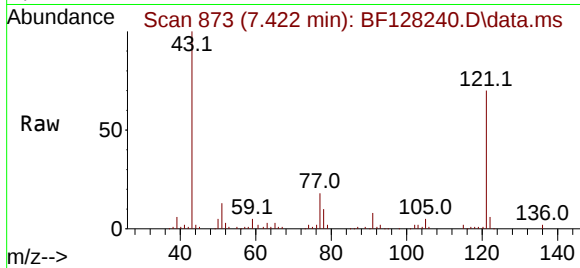




#24
Nitrobenzene
Concen: 3.525 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.059 min
Lab File: BF128240.D
Acq: 13 May 2022 15:44

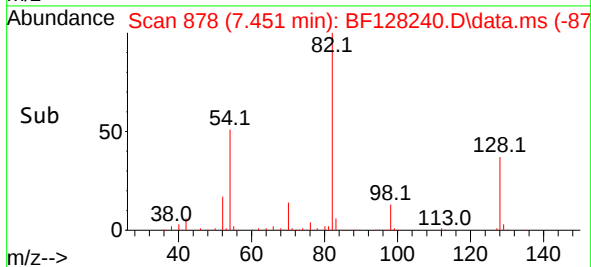
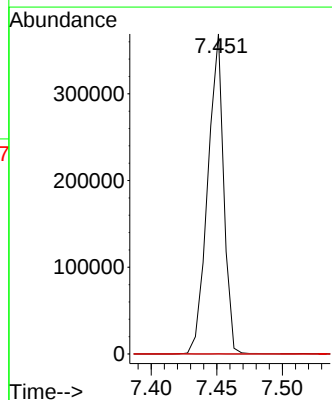
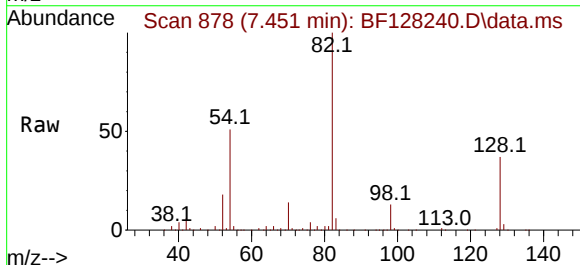
Instrument :
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ClientSampleId :
SC-12

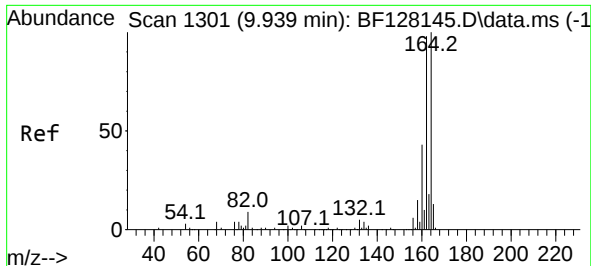
Tgt Ion: 77 Resp: 14575
Ion Ratio Lower Upper
77 100
123 2.0 32.0 48.0#
65 17.9 11.0 16.6#



#25
Isophorone
Concen: 44.553 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.265 min
Lab File: BF128240.D
Acq: 13 May 2022 15:44

Tgt Ion: 82 Resp: 312957
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128240.D

Acq: 13 May 2022 15:44

Instrument :

BNA_F

ClientSampleId :

SC-12

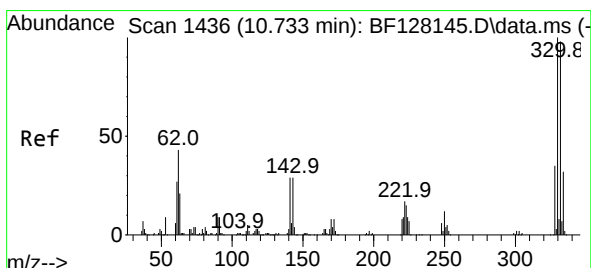
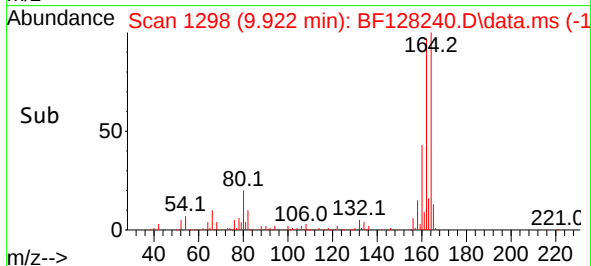
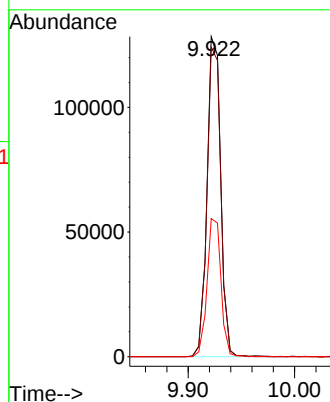
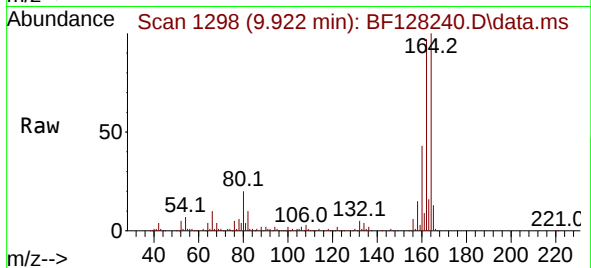
Tgt Ion:164 Resp: 114466

Ion Ratio Lower Upper

164 100

162 96.7 76.0 114.0

160 43.2 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 97.052 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.012 min

Lab File: BF128240.D

Acq: 13 May 2022 15:44

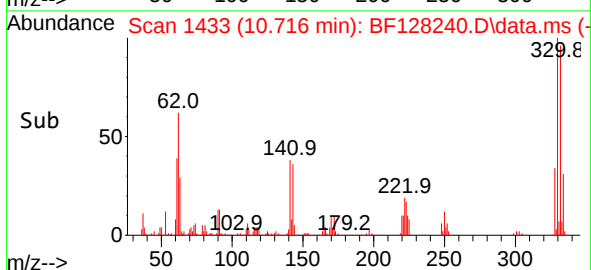
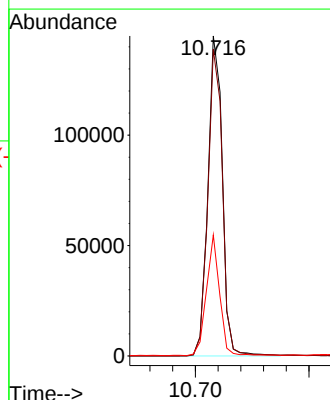
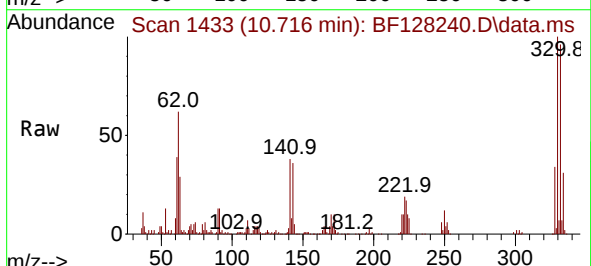
Tgt Ion:330 Resp: 127409

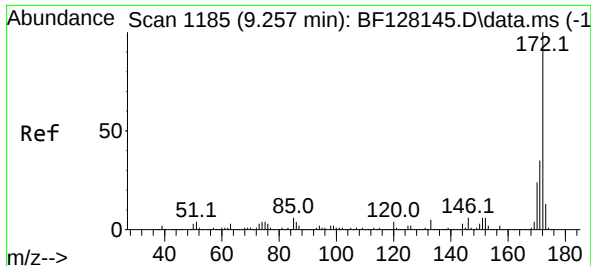
Ion Ratio Lower Upper

330 100

332 97.0 79.0 118.4

141 34.6 28.9 43.3

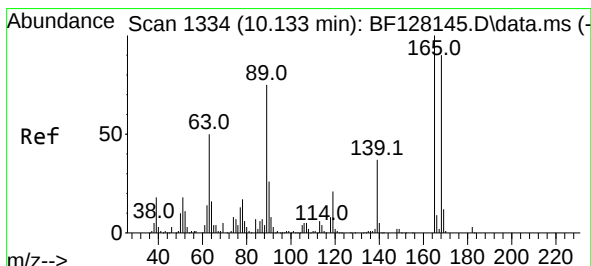
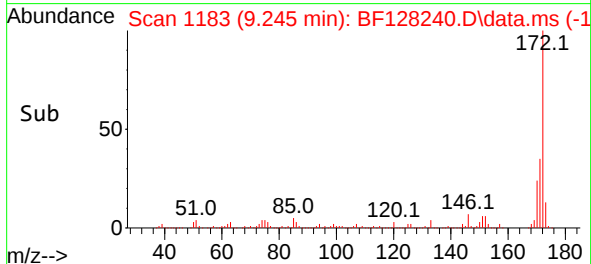
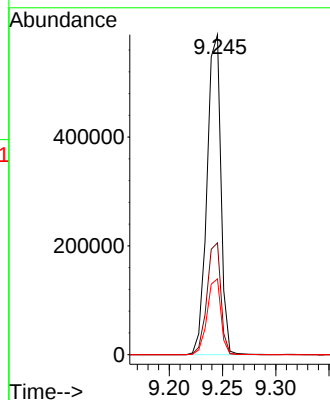
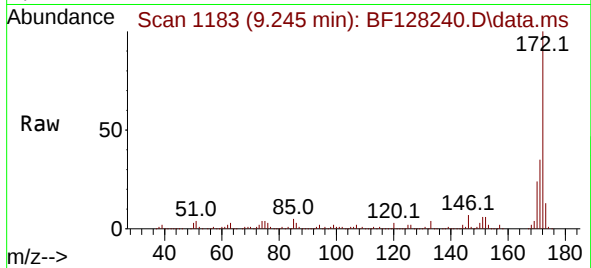




#45
2-Fluorobiphenyl
Concen: 73.143 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.006 min
Lab File: BF128240.D
Acq: 13 May 2022 15:44

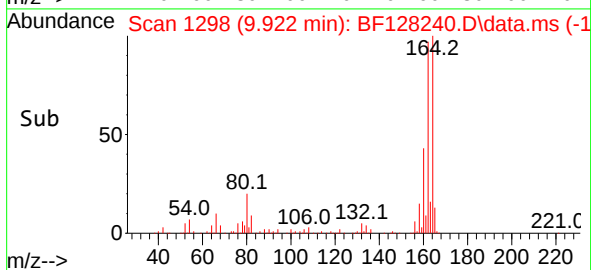
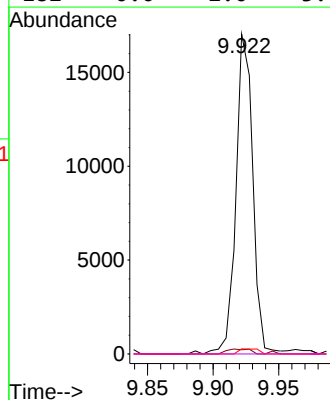
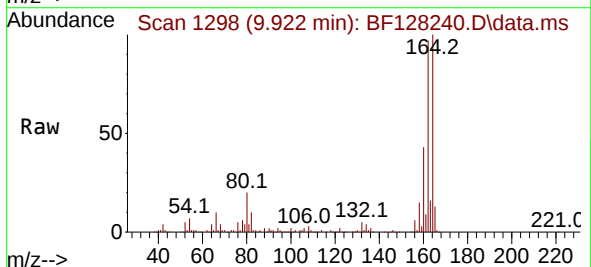
Instrument :
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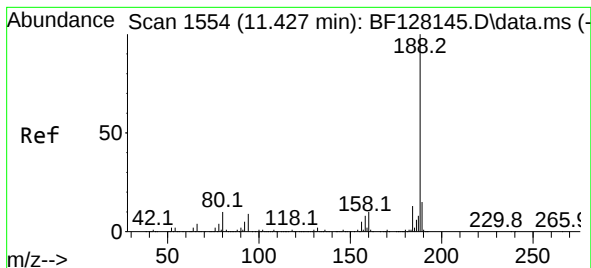
Tgt Ion:172 Resp: 535085
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.7 19.1 28.7



#57
2,4-Dinitrotoluene
Concen: 7.043 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.206 min
Lab File: BF128240.D
Acq: 13 May 2022 15:44

Tgt Ion:165 Resp: 15259
Ion Ratio Lower Upper
165 100
63 1.3 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: 11.416 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128240.D

Acq: 13 May 2022 15:44

Instrument :

BNA_F

ClientSampleId :

SC-12

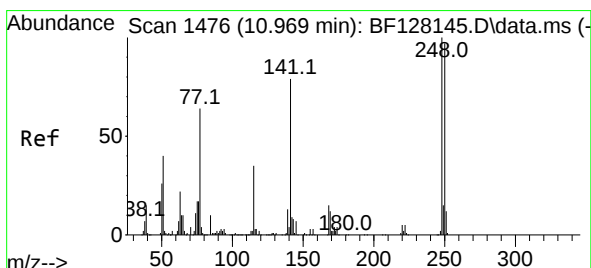
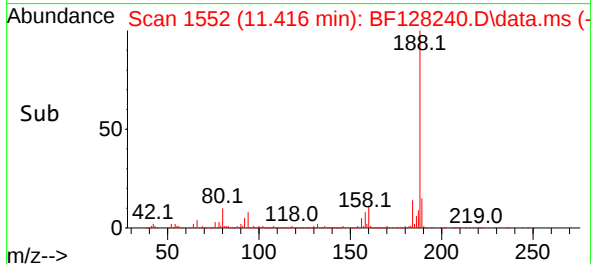
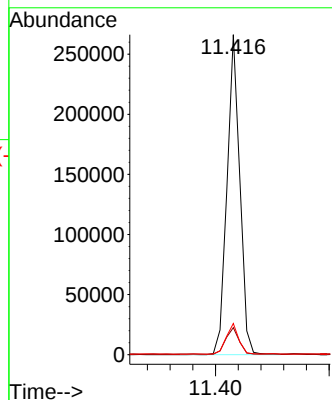
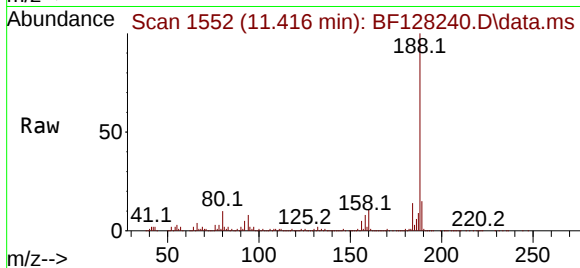
Tgt Ion:188 Resp: 208671

Ion Ratio Lower Upper

188 100

94 8.4 8.0 12.0

80 9.7 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.402 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.247 min

Lab File: BF128240.D

Acq: 13 May 2022 15:44

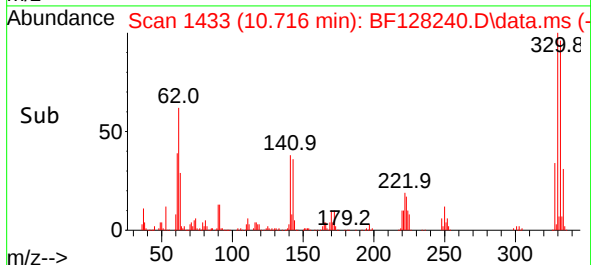
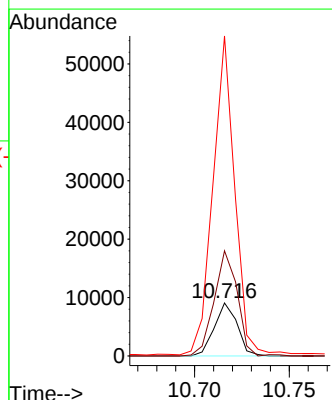
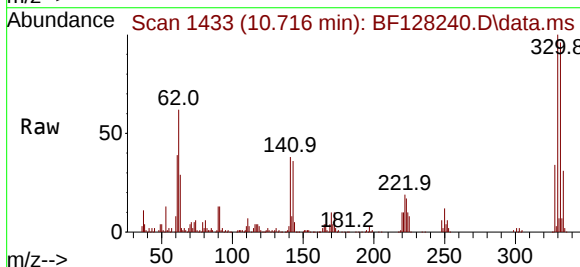
Tgt Ion:248 Resp: 7638

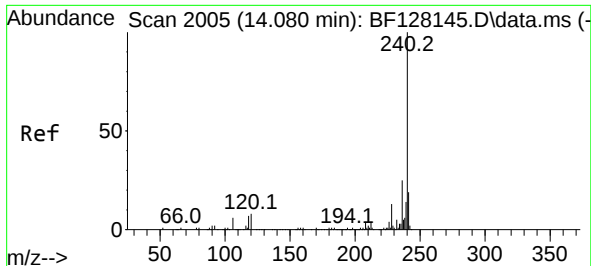
Ion Ratio Lower Upper

248 100

250 198.3 77.7 116.5#

141 603.3 65.6 98.4#

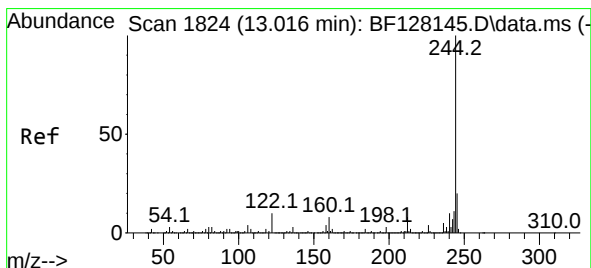
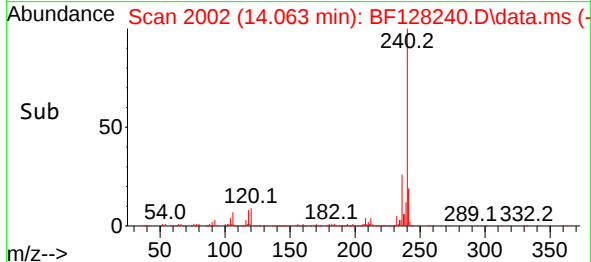
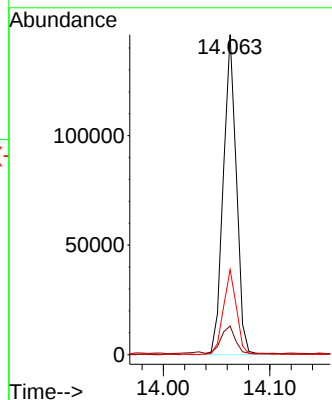
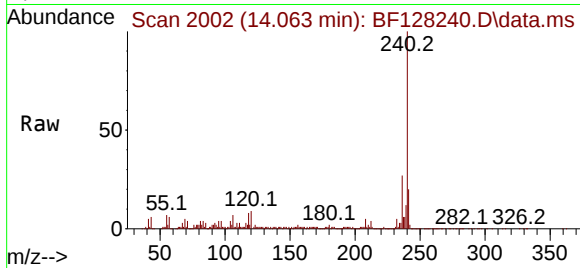




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF128240.D
Acq: 13 May 2022 15:44

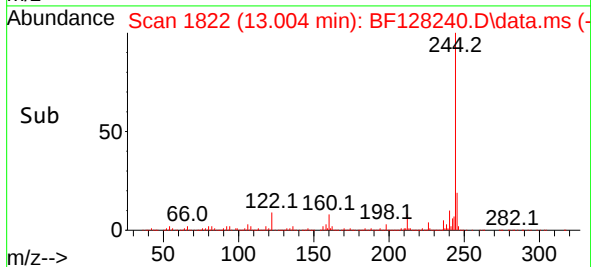
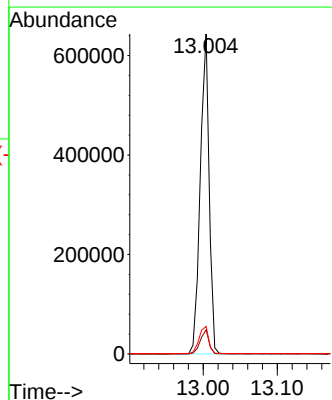
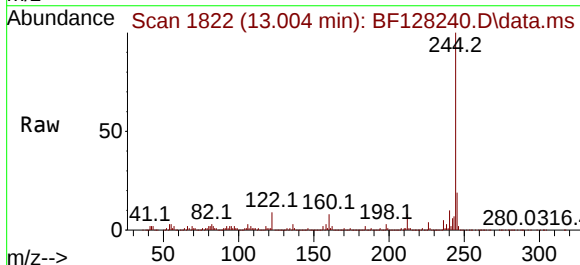
Instrument :
BNA_F
ClientSampleId :
SC-12

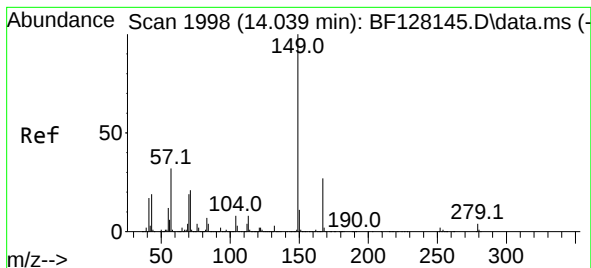
Tgt Ion:240 Resp: 124379
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 26.6 20.3 30.5



#79
Terphenyl-d14
Concen: 80.455 ng
RT: 13.004 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF128240.D
Acq: 13 May 2022 15:44

Tgt Ion:244 Resp: 533299
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 8.6 8.6 12.8

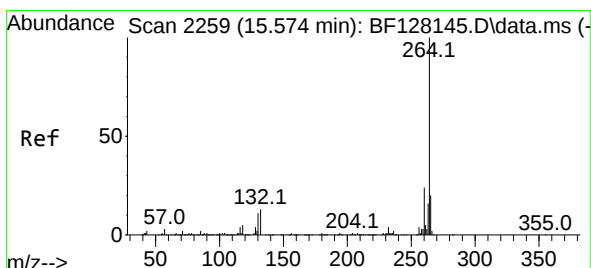
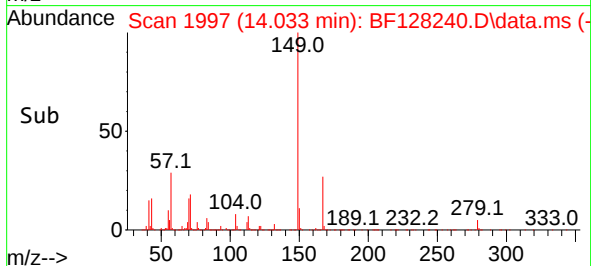
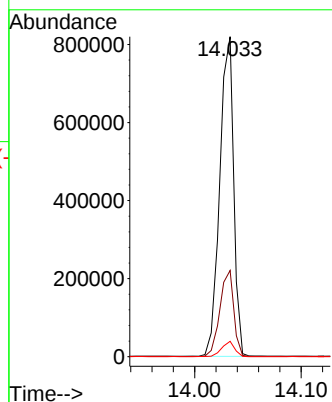
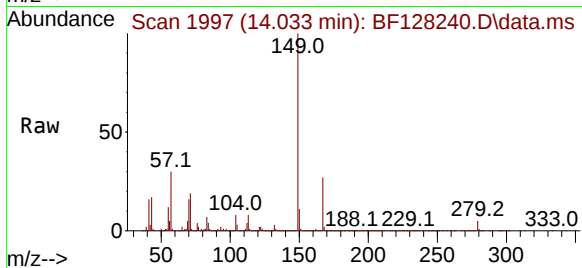




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 146.180 ng
 RT: 14.033 min Scan# 1998
 Delta R.T. 0.006 min
 Lab File: BF128240.D
 Acq: 13 May 2022 15:44

Instrument :
 BNA_F
 ClientSampleId :
 SC-12

Tgt Ion:149 Resp: 740536
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.0 33.0
 279 4.8 3.4 5.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. -0.006 min
 Lab File: BF128240.D
 Acq: 13 May 2022 15:44

Tgt Ion:264 Resp: 128335
 Ion Ratio Lower Upper
 264 100
 260 22.9 20.1 30.1
 265 21.4 17.5 26.3

