

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
 Data File : BF128405.D
 Acq On : 23 May 2022 17:38
 Operator : CG\JU
 Sample : PB145019BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145019BL

Quant Time: May 24 01:23:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

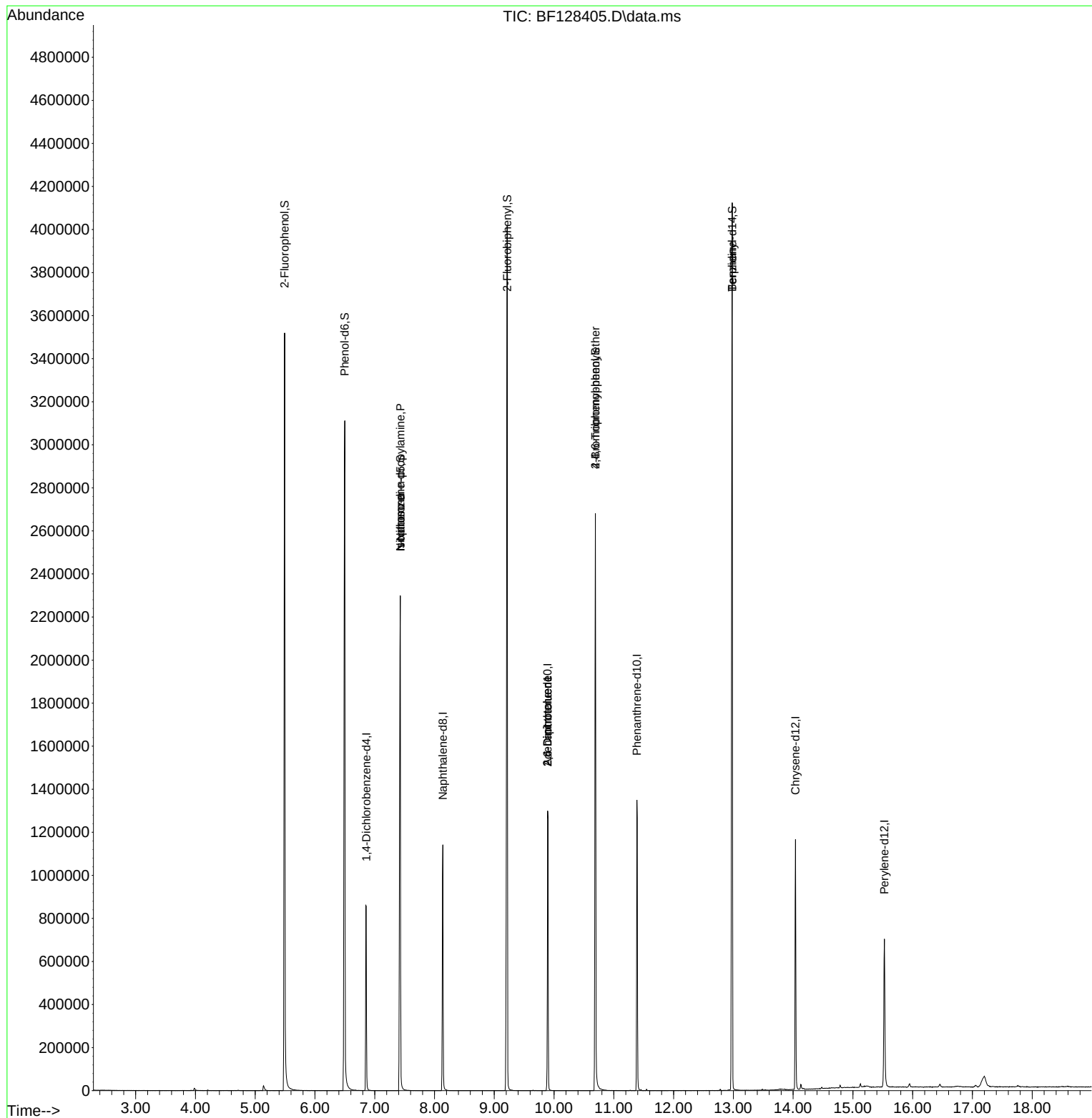
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.858	152	138913	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	538596	20.000	ng	0.00
39) Acenaphthene-d10	9.893	164	297109	20.000	ng	-0.01
64) Phenanthrene-d10	11.387	188	533635	20.000	ng	0.00
76) Chrysene-d12	14.039	240	406606	20.000	ng	-0.01
86) Perylene-d12	15.528	264	337067	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	981803	112.474	ng	0.01
7) Phenol-d6	6.499	99	1266442	110.179	ng	0.00
23) Nitrobenzene-d5	7.428	82	908801	75.602	ng	0.00
42) 2,4,6-Tribromophenol	10.693	330	327546	106.899	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1370390	75.428	ng	0.00
79) Terphenyl-d14	12.981	244	1554975	73.825	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.499	77	2030	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	119518	17.386	ng	# 77
25) Isophorone	7.428	82	908794	49.333	ng	# 68
51) 2,6-Dinitrotoluene	9.893	165	37802	9.133	ng	# 21
57) 2,4-Dinitrotoluene	9.893	165	37802	7.249	ng	# 25
67) 4-Bromophenyl-phenylether	10.693	248	19404	3.474	ng	# 1
77) Benizidine	12.981	184	22171	2.622	ng	# 95

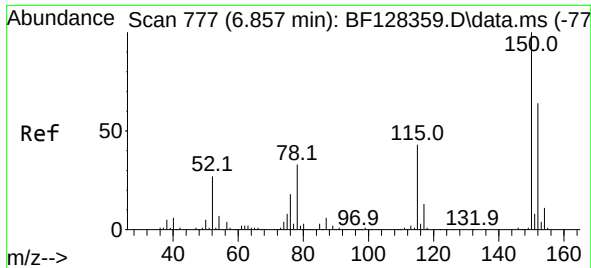
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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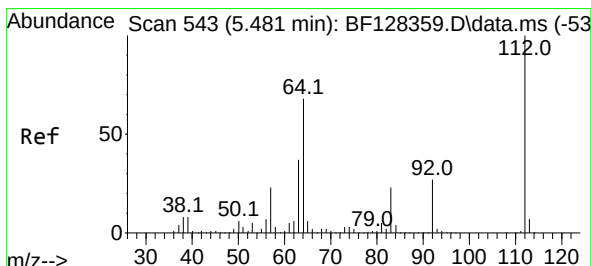
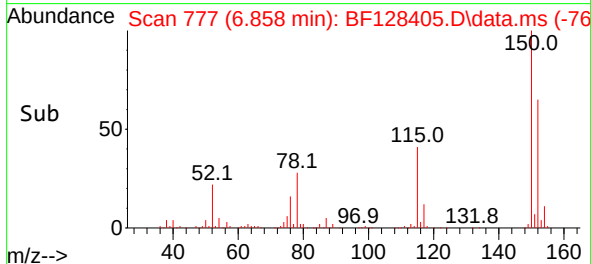
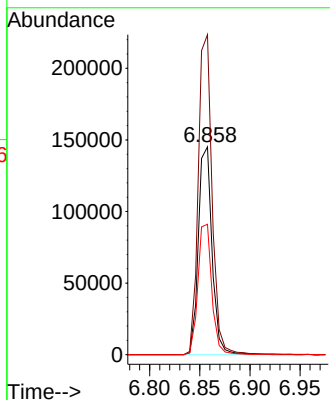
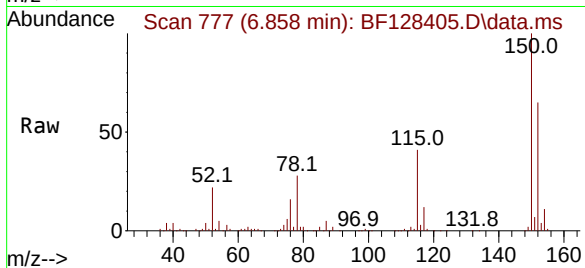




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.858 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF128405.D
Acq: 23 May 2022 17:38

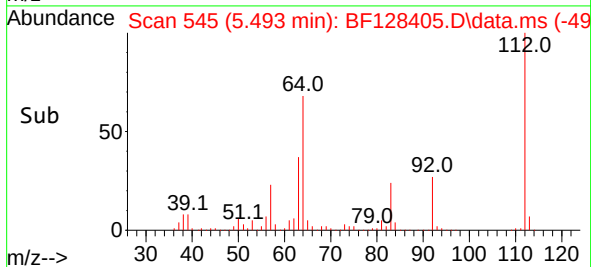
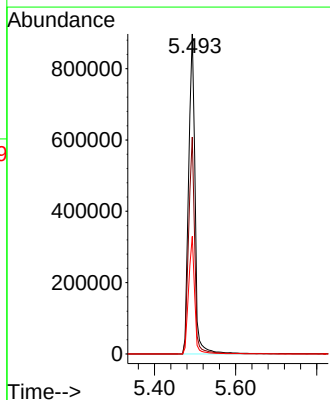
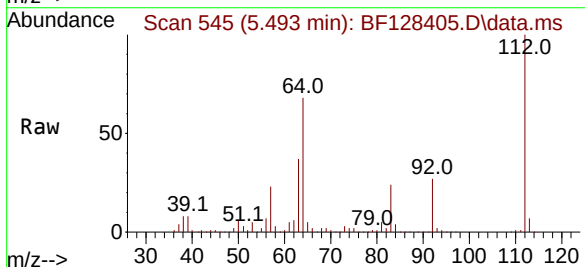
Instrument :
BNA_F
ClientSampleId :
PB145019BL

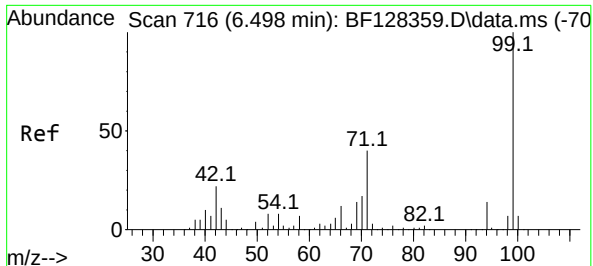
Tgt Ion:152 Resp: 138913
Ion Ratio Lower Upper
152 100
150 154.0 125.3 187.9
115 62.8 48.8 73.2



#5
2-Fluorophenol
Concen: 112.474 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.012 min
Lab File: BF128405.D
Acq: 23 May 2022 17:38

Tgt Ion:112 Resp: 981803
Ion Ratio Lower Upper
112 100
64 67.8 49.5 74.3
63 36.8 26.3 39.5

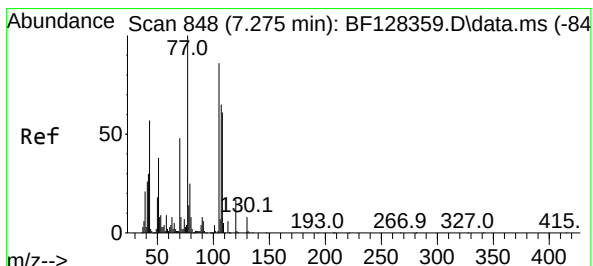
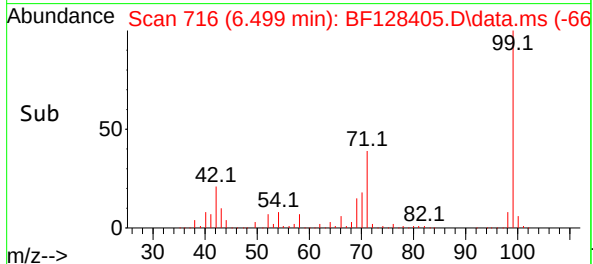
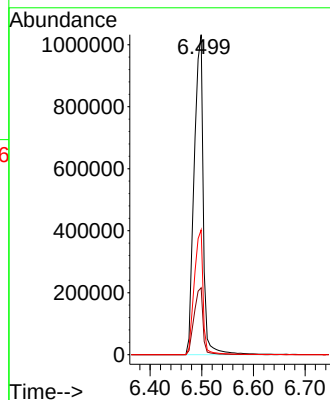
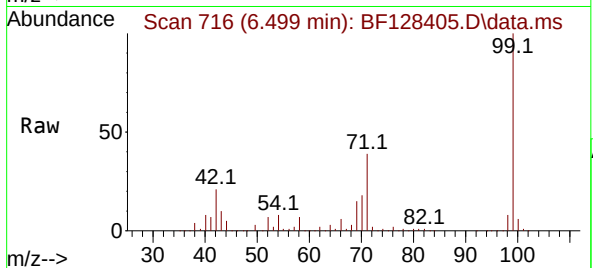




#7
Phenol-d6
Concen: 110.179 ng
RT: 6.499 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128405.D
Acq: 23 May 2022 17:38

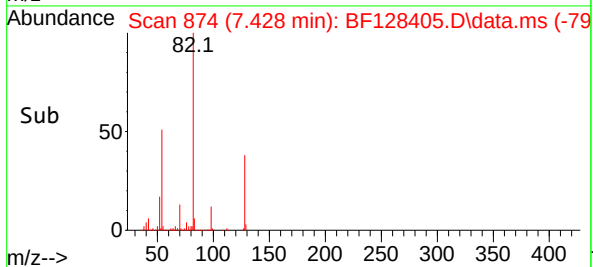
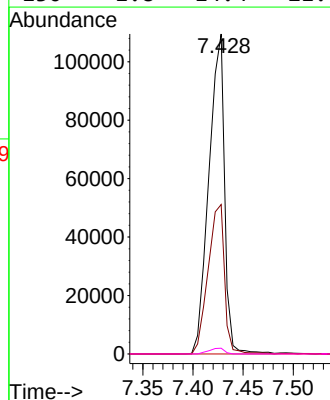
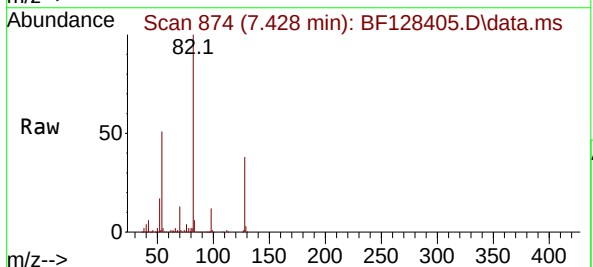
Instrument :
BNA_F
ClientSampleId :
PB145019BL

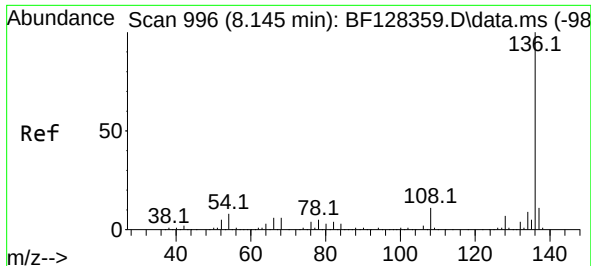
Tgt Ion: 99 Resp: 1266442
Ion Ratio Lower Upper
99 100
42 20.9 16.6 24.8
71 39.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.386 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.153 min
Lab File: BF128405.D
Acq: 23 May 2022 17:38

Tgt Ion: 70 Resp: 119518
Ion Ratio Lower Upper
70 100
42 46.7 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

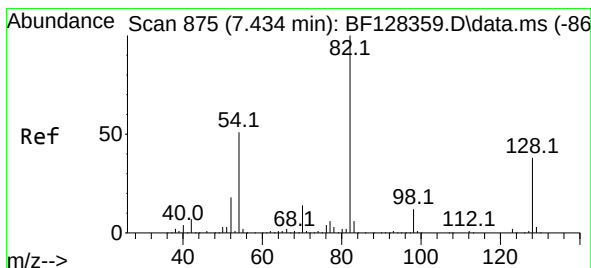
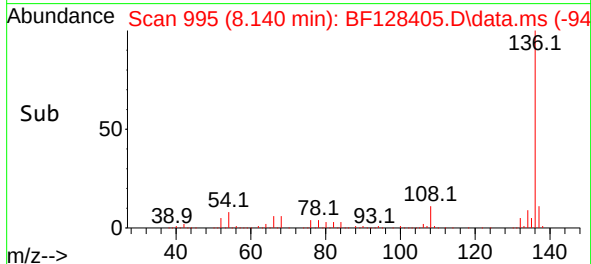
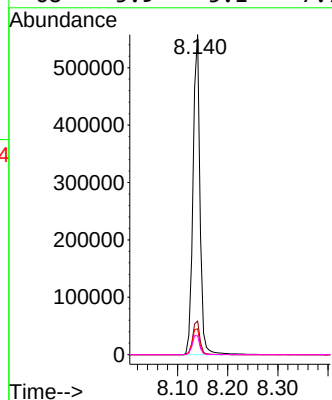
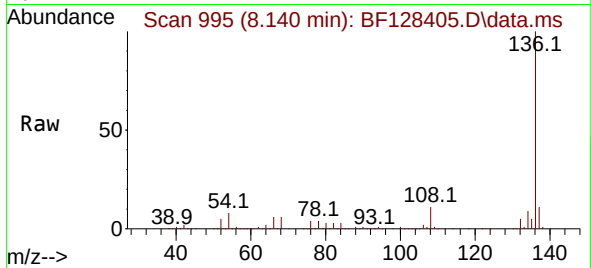




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 91
Delta R.T. -0.005 min
Lab File: BF128405.D
Acq: 23 May 2022 17:38

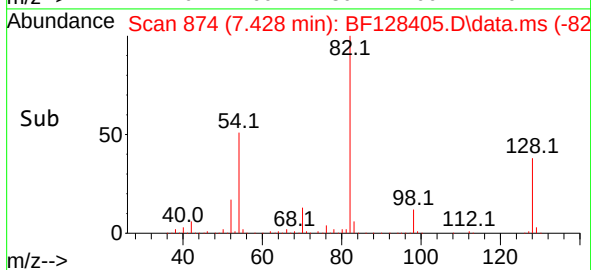
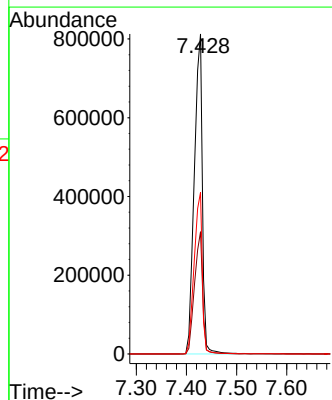
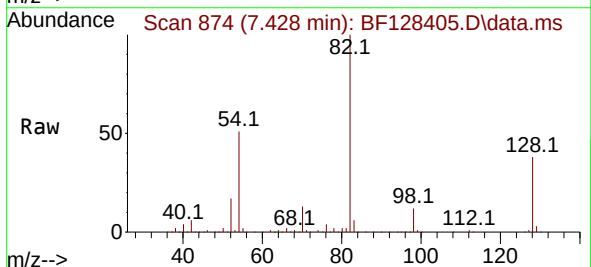
Instrument :
BNA_F
ClientSampleId :
PB145019BL

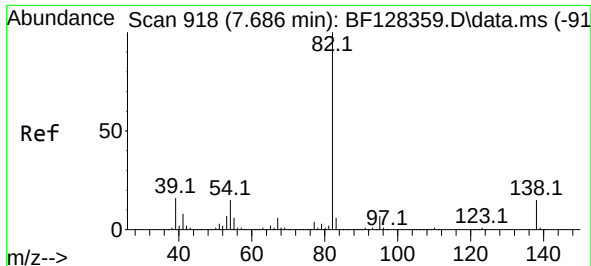
Tgt Ion:136 Resp: 538596
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.1 6.8 10.2
68 5.9 5.1 7.7



#23
Nitrobenzene-d5
Concen: 75.602 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.005 min
Lab File: BF128405.D
Acq: 23 May 2022 17:38

Tgt Ion: 82 Resp: 908801
Ion Ratio Lower Upper
82 100
128 38.2 30.0 45.0
54 50.5 41.3 61.9

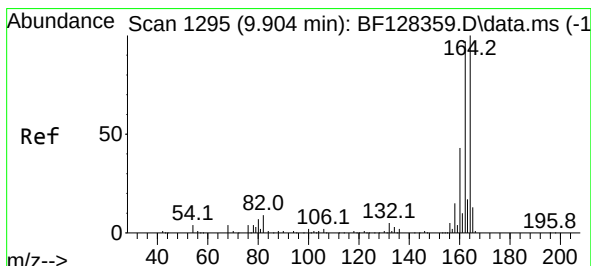
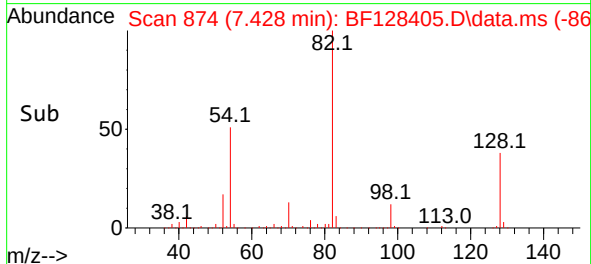
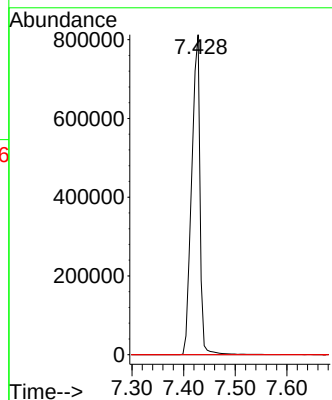
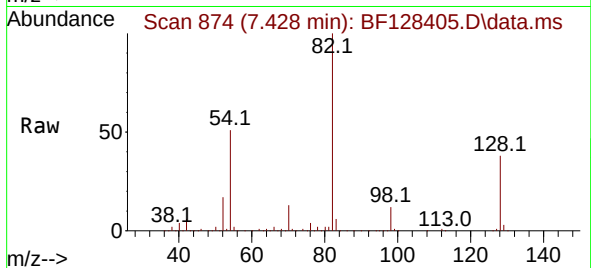




#25
Isophorone
Concen: 49.333 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.258 min
Lab File: BF128405.D
Acq: 23 May 2022 17:38

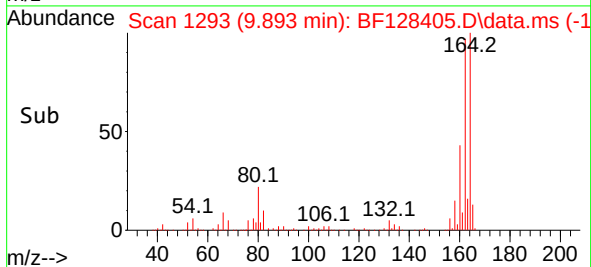
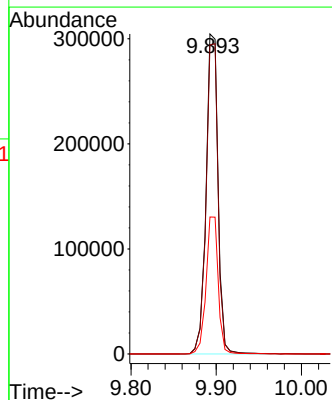
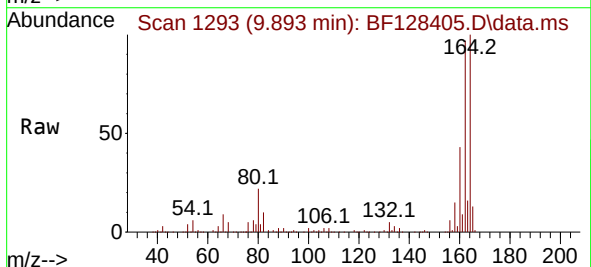
Instrument :
BNA_F
ClientSampleId :
PB145019BL

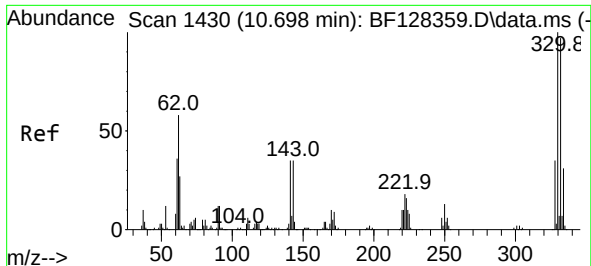
Tgt Ion: 82 Resp: 908794
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.893 min Scan# 1293
Delta R.T. -0.011 min
Lab File: BF128405.D
Acq: 23 May 2022 17:38

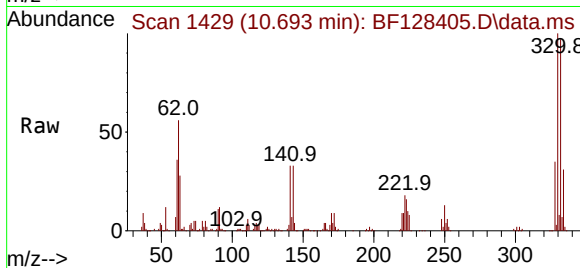
Tgt Ion:164 Resp: 297109
Ion Ratio Lower Upper
164 100
162 96.6 76.0 114.0
160 42.8 34.8 52.2



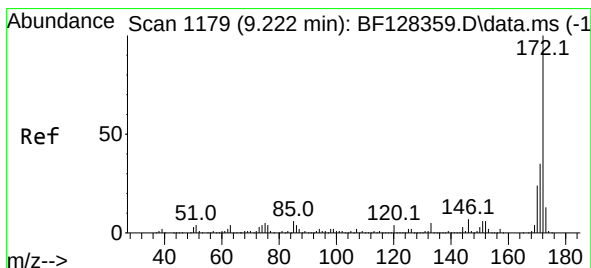
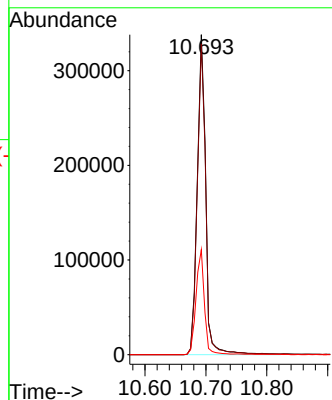
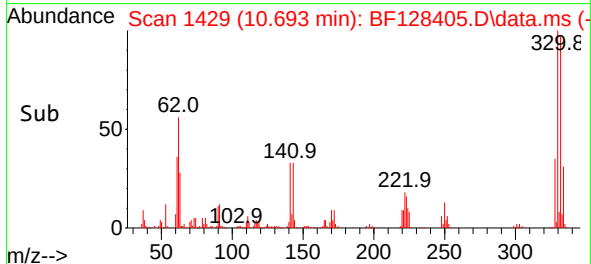


#42
2,4,6-Tribromophenol
Concen: 106.899 ng
RT: 10.693 min Scan# 1430
Delta R.T. -0.005 min
Lab File: BF128405.D
Acq: 23 May 2022 17:38

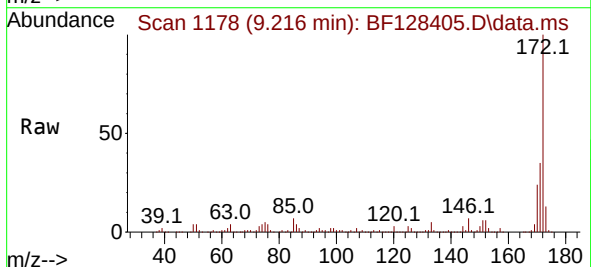
Instrument :
BNA_F
ClientSampleId :
PB145019BL



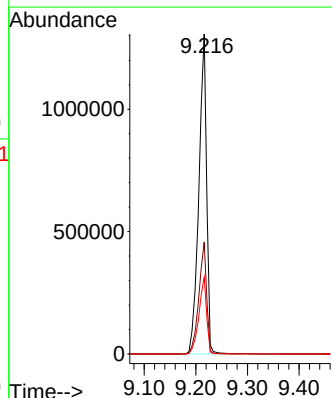
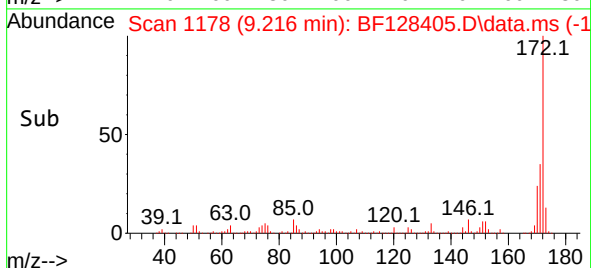
Tgt Ion:330 Resp: 327546
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.4
141 32.9 28.9 43.3

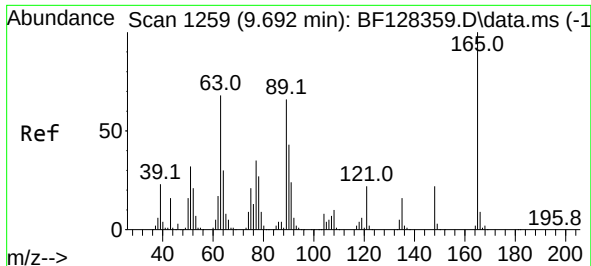


#45
2-Fluorobiphenyl
Concen: 75.428 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.005 min
Lab File: BF128405.D
Acq: 23 May 2022 17:38



Tgt Ion:172 Resp: 1370390
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 24.0 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.133 ng

RT: 9.893 min Scan# 1293

Delta R.T. 0.200 min

Lab File: BF128405.D

Acq: 23 May 2022 17:38

Instrument :

BNA_F

ClientSampleId :

PB145019BL

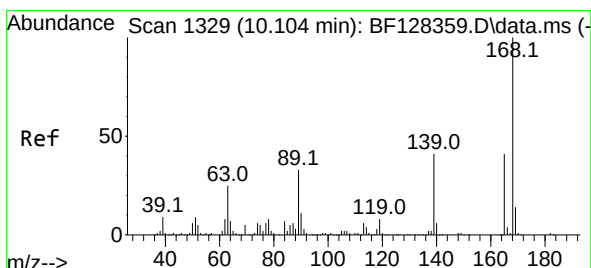
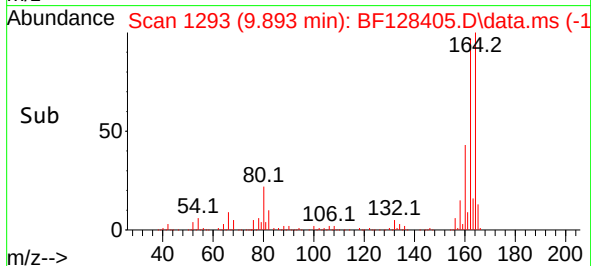
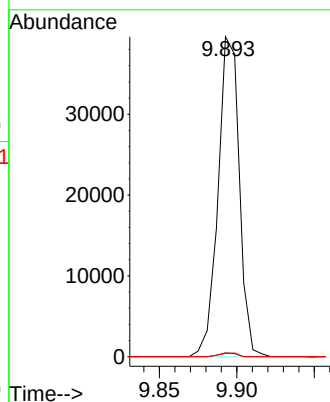
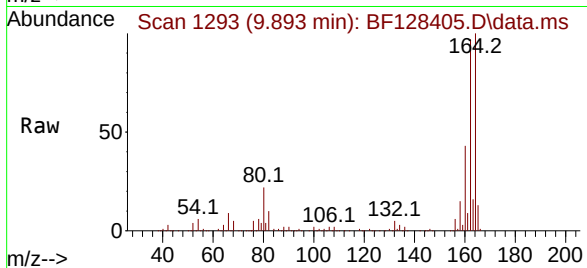
Tgt Ion:165 Resp: 37802

Ion Ratio Lower Upper

165 100

63 1.2 49.5 74.3#

89 1.1 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.249 ng

RT: 9.893 min Scan# 1293

Delta R.T. -0.211 min

Lab File: BF128405.D

Acq: 23 May 2022 17:38

Tgt Ion:165 Resp: 37802

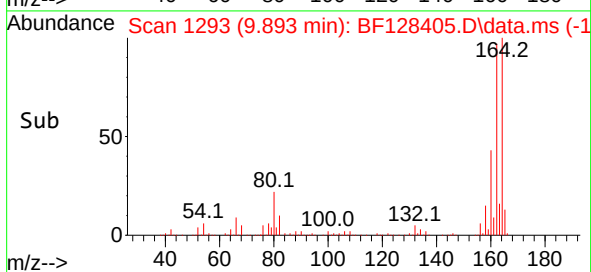
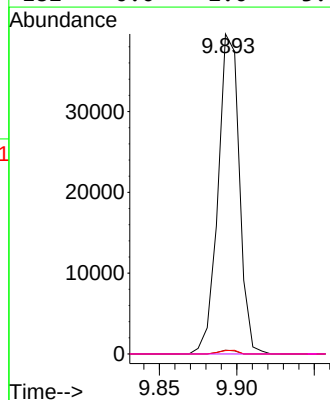
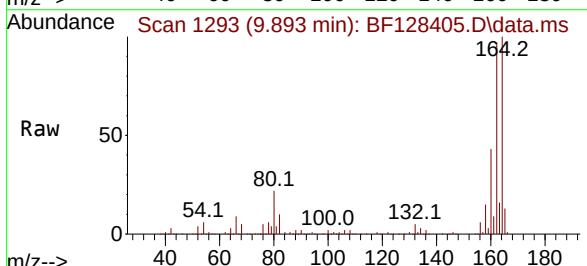
Ion Ratio Lower Upper

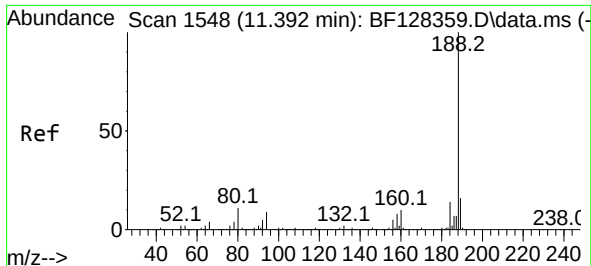
165 100

63 1.2 32.6 49.0#

89 1.1 55.2 82.8#

182 0.0 2.0 3.0#

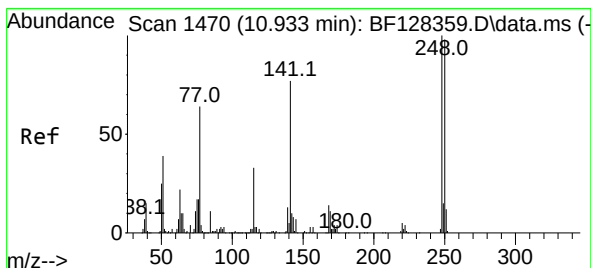
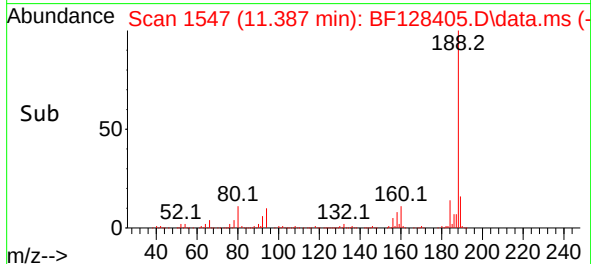
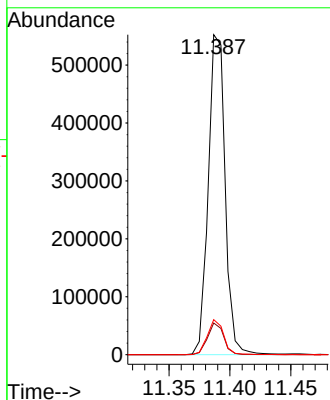
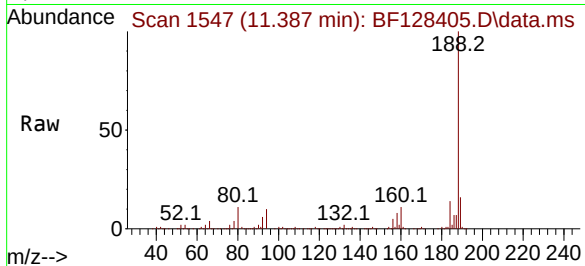




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.387 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF128405.D
Acq: 23 May 2022 17:38

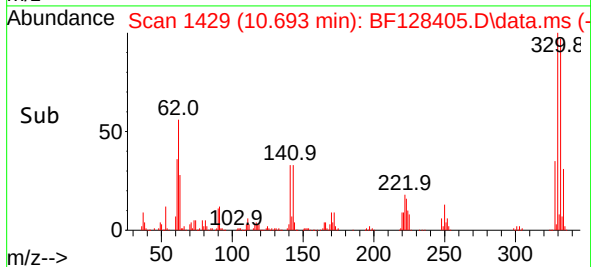
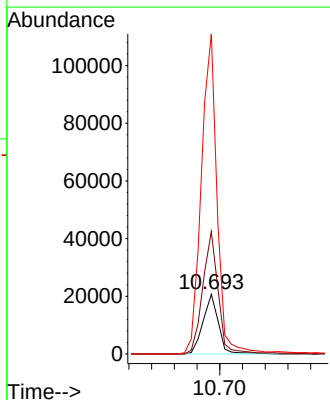
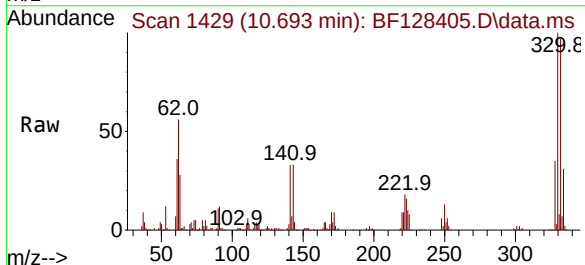
Instrument :
BNA_F
ClientSampleId :
PB145019BL

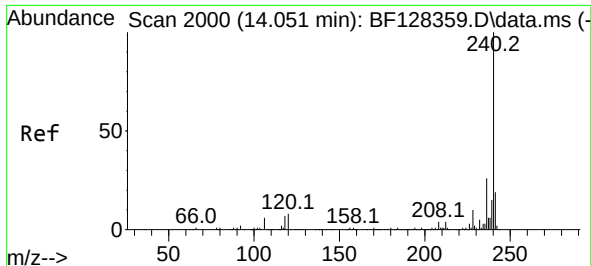
Tgt Ion:188 Resp: 533635
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 11.0 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.474 ng
RT: 10.693 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128405.D
Acq: 23 May 2022 17:38

Tgt Ion:248 Resp: 19404
Ion Ratio Lower Upper
248 100
250 205.1 77.7 116.5#
141 536.3 65.6 98.4#

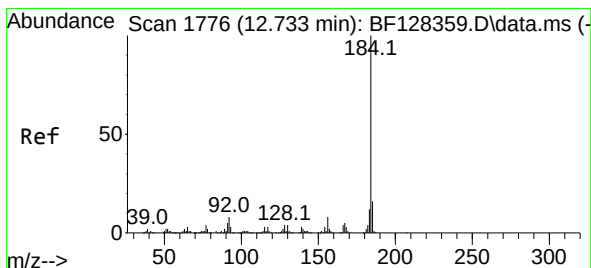
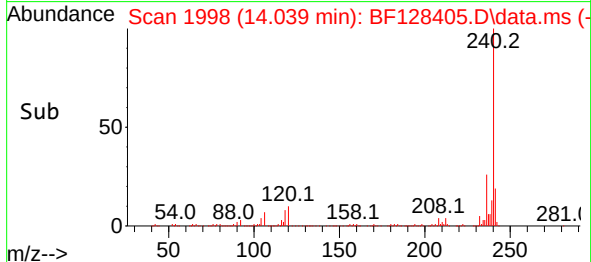
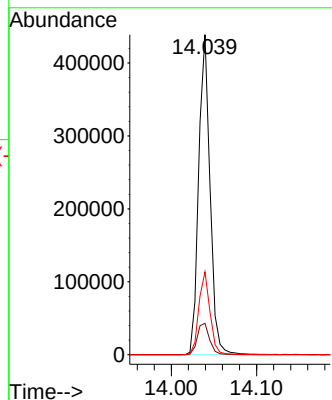
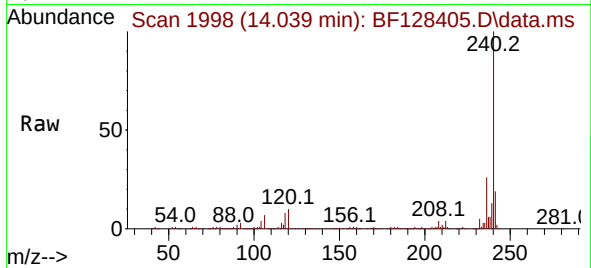




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.011 min
Lab File: BF128405.D
Acq: 23 May 2022 17:38

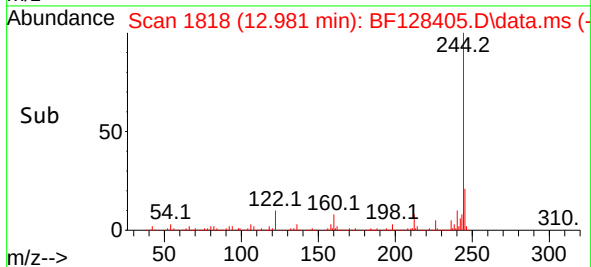
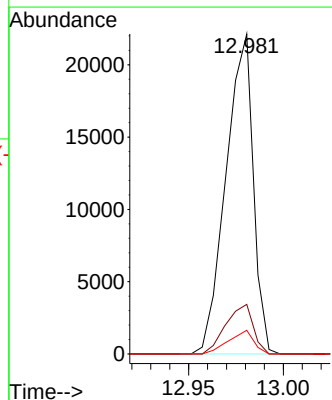
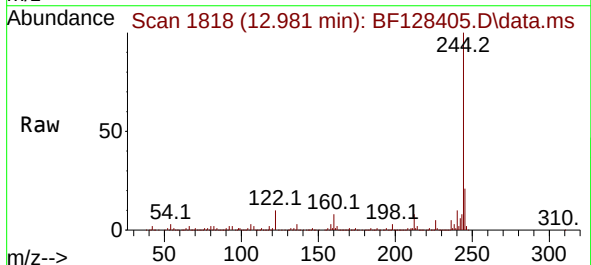
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ClientSampleId :
PB145019BL

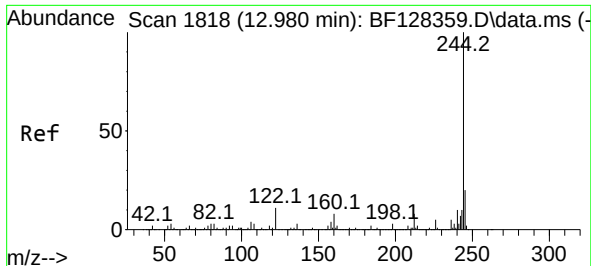
Tgt Ion:240 Resp: 406606
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 25.9 20.3 30.5



#77
Benzidine
Concen: 2.622 ng
RT: 12.981 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF128405.D
Acq: 23 May 2022 17:38

Tgt Ion:184 Resp: 22171
Ion Ratio Lower Upper
184 100
185 15.5 12.1 18.1
183 7.4 9.0 13.4#

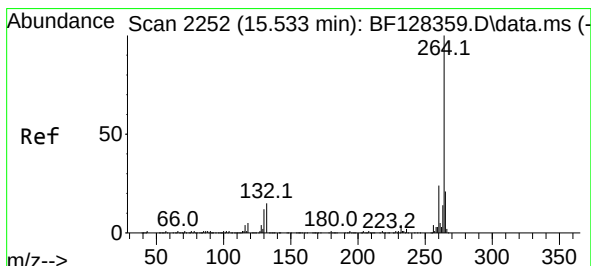
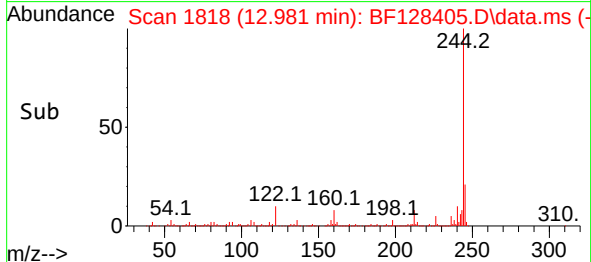
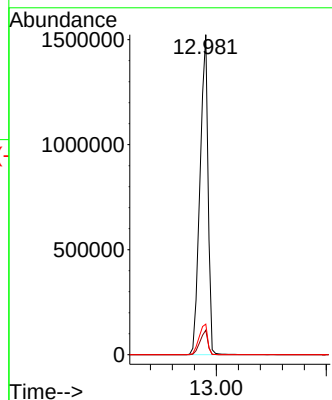
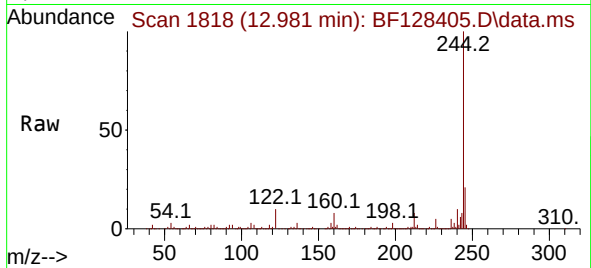




#79
 Terphenyl-d14
 Concen: 73.825 ng
 RT: 12.981 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: BF128405.D
 Acq: 23 May 2022 17:38

Instrument :
 BNA_F
 ClientSampleId :
 PB145019BL

Tgt Ion:244 Resp: 1554975
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 9.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.528 min Scan# 2251
 Delta R.T. -0.005 min
 Lab File: BF128405.D
 Acq: 23 May 2022 17:38

Tgt Ion:264 Resp: 337067
 Ion Ratio Lower Upper
 264 100
 260 22.8 20.1 30.1
 265 20.8 17.5 26.3

