

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128368.D
 Acq On : 20 May 2022 17:08
 Operator : CG\JU
 Sample : PB144970BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144970BL

Quant Time: May 23 02:39:03 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)

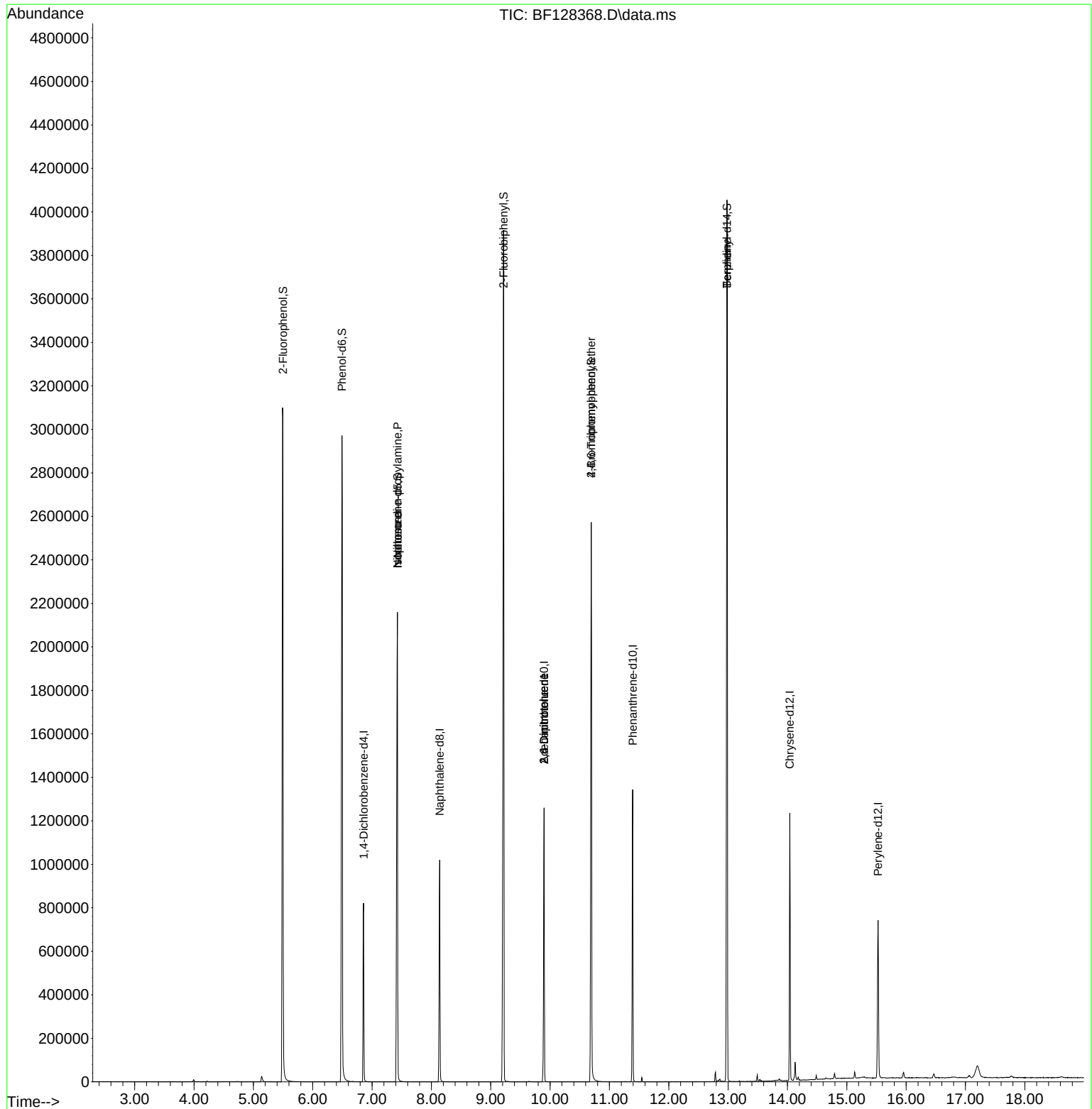
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	124112	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	481525	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	271824	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	499927	20.000	ng	0.00
76) Chrysene-d12	14.039	240	399500	20.000	ng	-0.01
86) Perylene-d12	15.527	264	332001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	918607	117.784	ng	0.02
7) Phenol-d6	6.493	99	1198498	116.702	ng	0.00
23) Nitrobenzene-d5	7.428	82	866896	80.663	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	335499	119.679	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1357977	81.698	ng	0.00
79) Terphenyl-d14	12.980	244	1595681	77.105	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.493	77	1925	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	117727	19.167	ng	# 78
25) Isophorone	7.428	82	866994	52.642	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	35149	9.282	ng	# 21
57) 2,4-Dinitrotoluene	9.898	165	35149	7.367	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	20457	3.910	ng	# 1
77) Benzydine	12.980	184	23650	2.846	ng	# 94

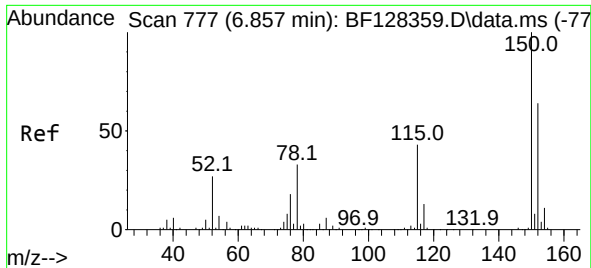
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
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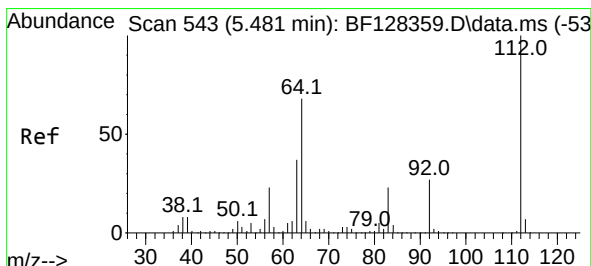
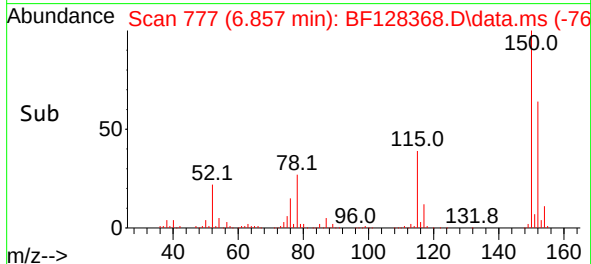
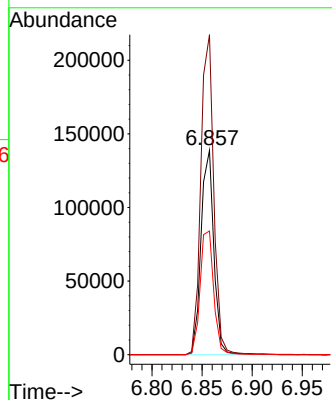
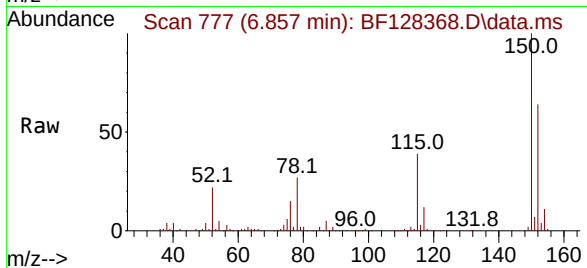




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128368.D
 Acq: 20 May 2022 17:08

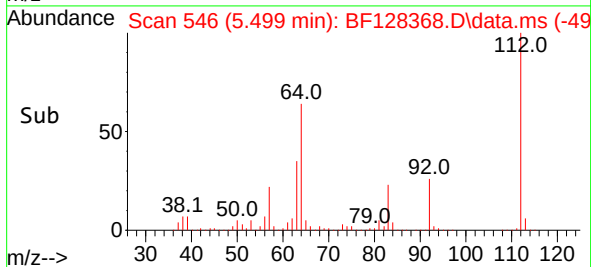
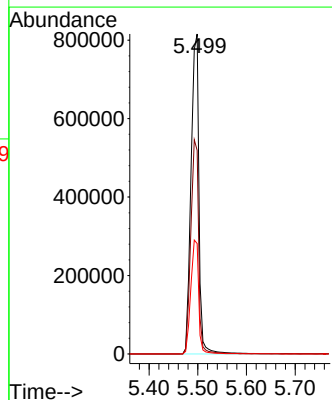
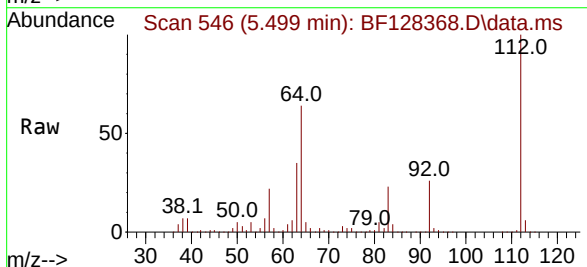
Instrument :
 BNA_F
 ClientSampleId :
 PB144970BL

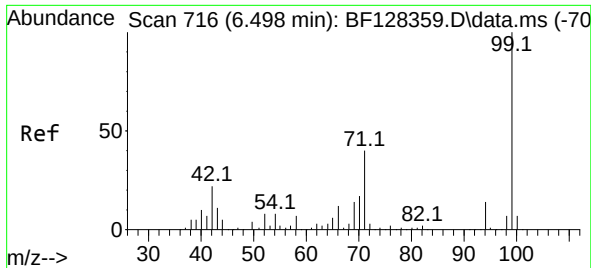
Tgt Ion:152 Resp: 124112
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.3 187.9
 115 60.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 117.784 ng
 RT: 5.499 min Scan# 546
 Delta R.T. 0.018 min
 Lab File: BF128368.D
 Acq: 20 May 2022 17:08

Tgt Ion:112 Resp: 918607
 Ion Ratio Lower Upper
 112 100
 64 63.6 49.5 74.3
 63 34.5 26.3 39.5

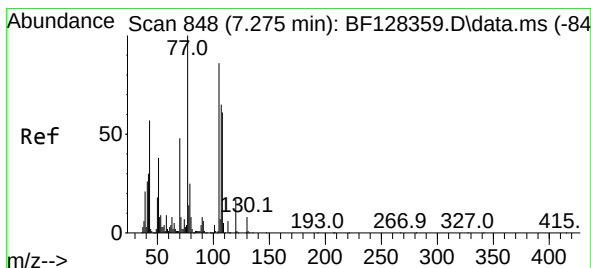
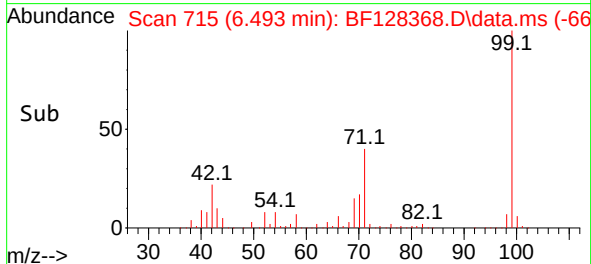
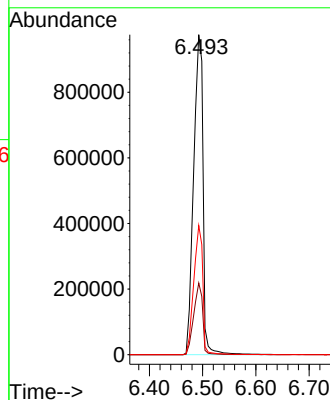
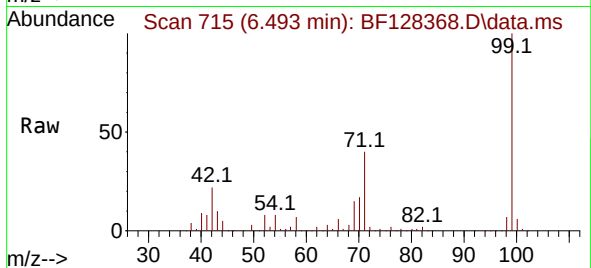




#7
Phenol-d6
Concen: 116.702 ng
RT: 6.493 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128368.D
Acq: 20 May 2022 17:08

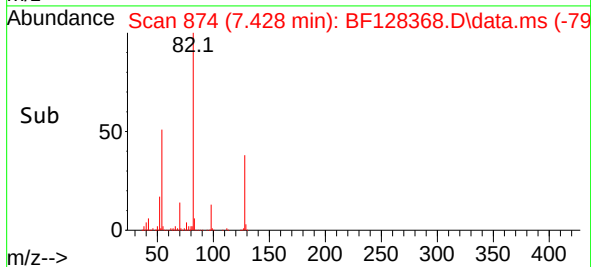
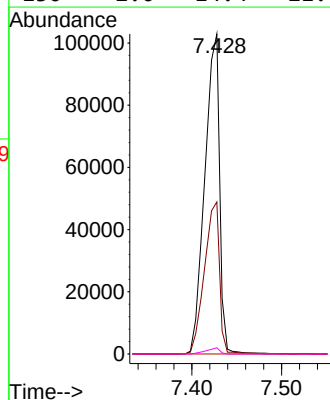
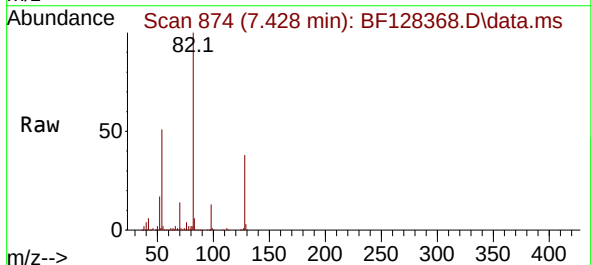
Instrument :
BNA_F
ClientSampleId :
PB144970BL

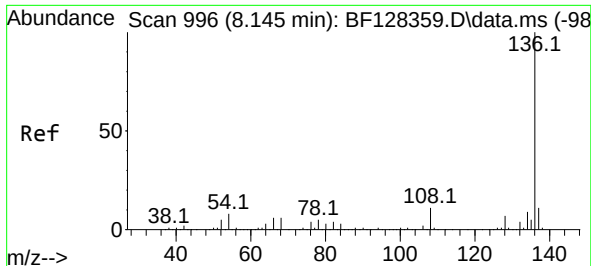
Tgt Ion: 99 Resp: 1198498
Ion Ratio Lower Upper
99 100
42 22.4 16.6 24.8
71 40.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.167 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.153 min
Lab File: BF128368.D
Acq: 20 May 2022 17:08

Tgt Ion: 70 Resp: 117727
Ion Ratio Lower Upper
70 100
42 47.5 48.7 73.1#
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#

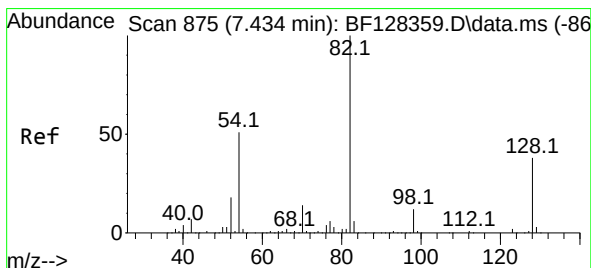
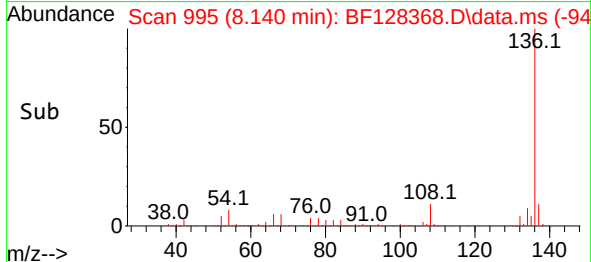
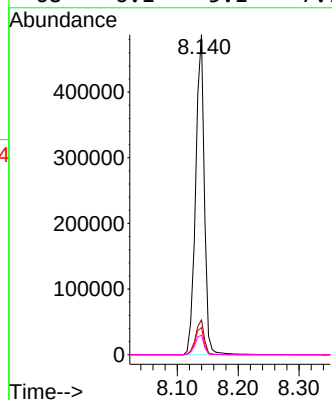
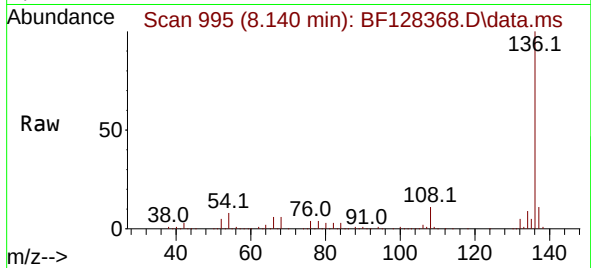




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 996
Delta R.T. -0.005 min
Lab File: BF128368.D
Acq: 20 May 2022 17:08

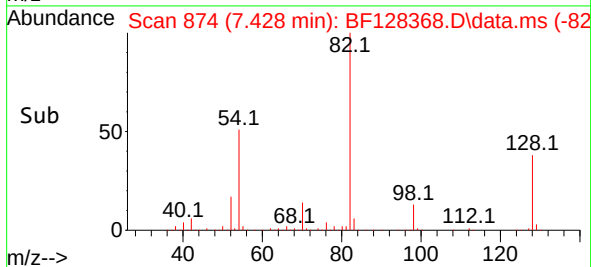
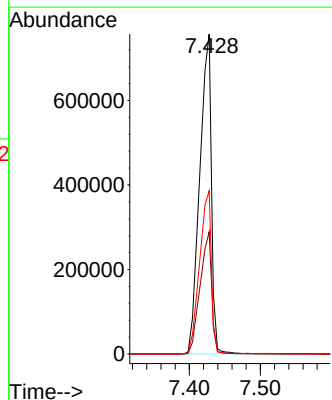
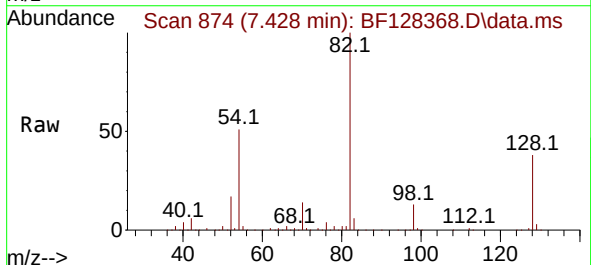
Instrument :
BNA_F
ClientSampleId :
PB144970BL

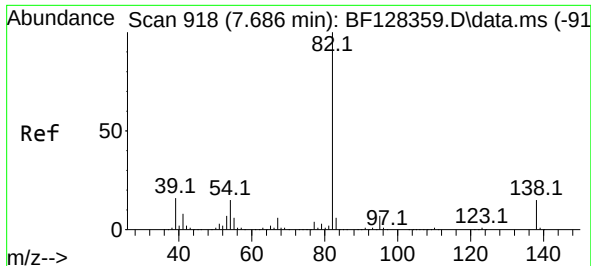
Tgt Ion:	136	Resp:	481525
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	8.5	6.8	10.2
68	6.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 80.663 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF128368.D
Acq: 20 May 2022 17:08

Tgt Ion:	82	Resp:	866896
Ion Ratio	Lower	Upper	
82	100		
128	38.2	30.0	45.0
54	51.0	41.3	61.9

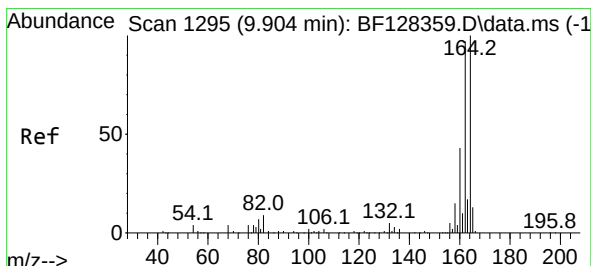
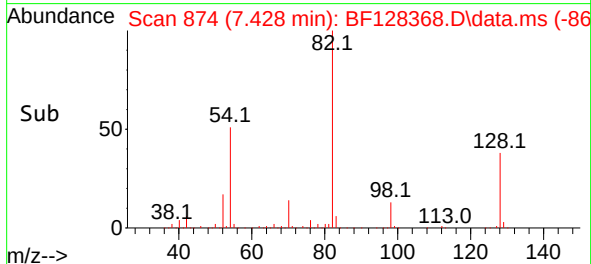
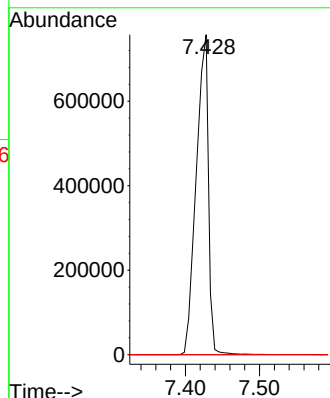
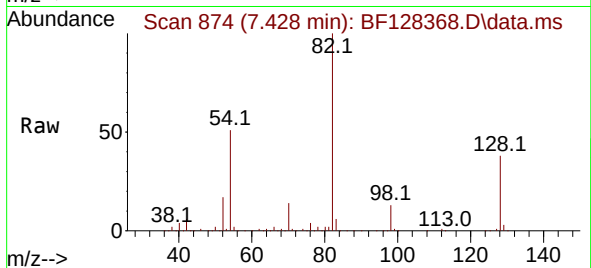




#25
Isophorone
Concen: 52.642 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128368.D
Acq: 20 May 2022 17:08

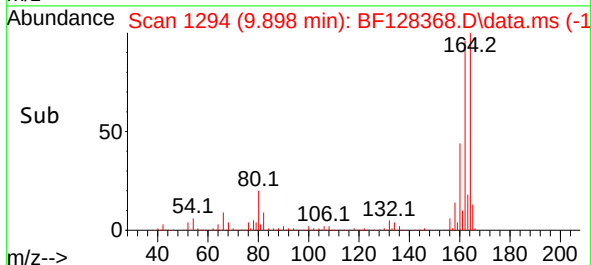
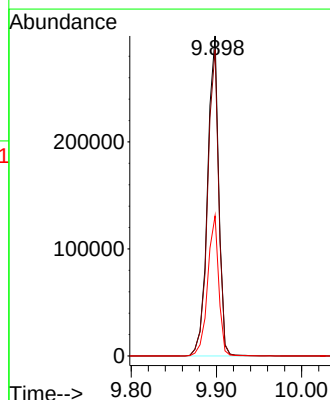
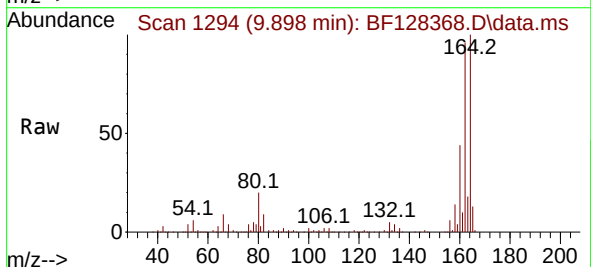
Instrument :
BNA_F
ClientSampleId :
PB144970BL

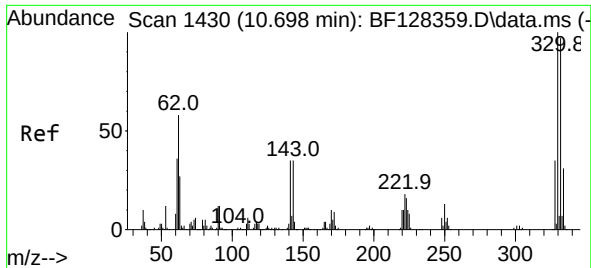
Tgt Ion: 82 Resp: 866994
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128368.D
Acq: 20 May 2022 17:08

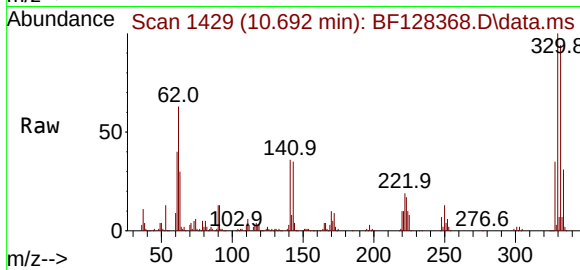
Tgt Ion: 164 Resp: 271824
Ion Ratio Lower Upper
164 100
162 95.7 76.0 114.0
160 43.8 34.8 52.2



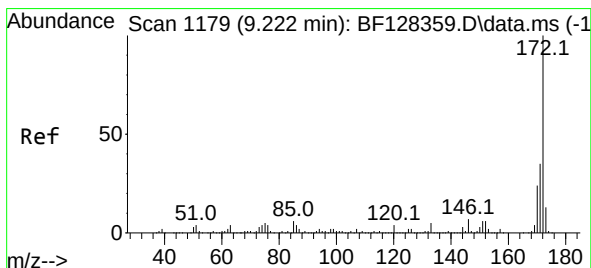
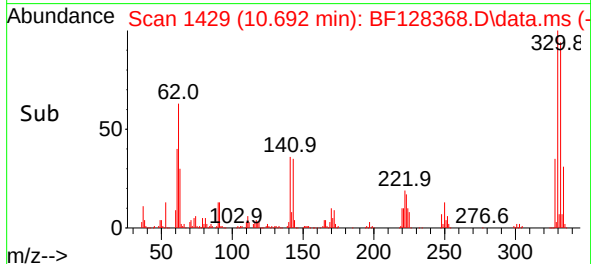
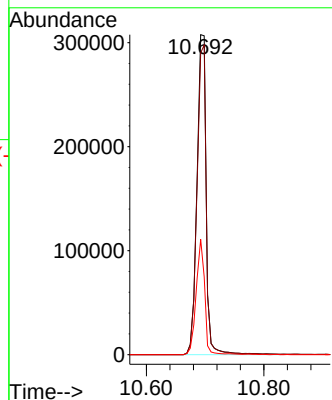


#42
 2,4,6-Tribromophenol
 Concen: 119.679 ng
 RT: 10.692 min Scan# 1430
 Delta R.T. -0.006 min
 Lab File: BF128368.D
 Acq: 20 May 2022 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB144970BL

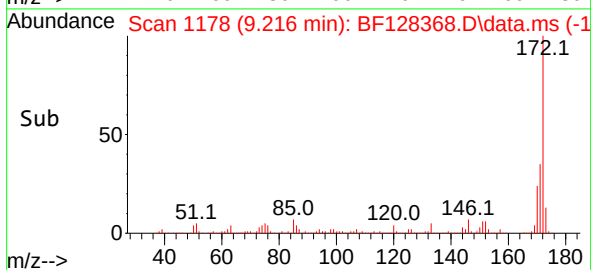
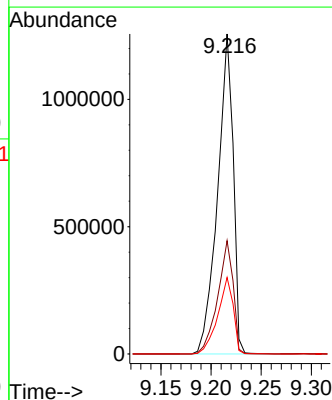
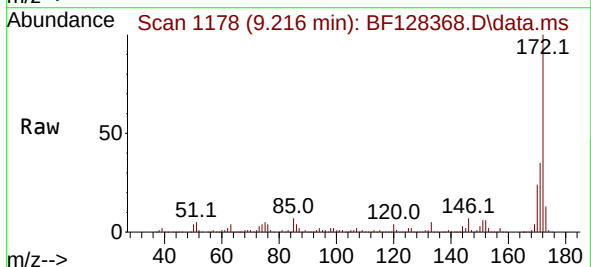


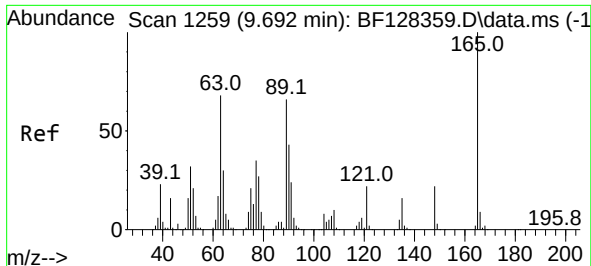
Tgt Ion: 330 Resp: 335499
 Ion Ratio Lower Upper
 330 100
 332 95.6 79.0 118.4
 141 33.1 28.9 43.3



#45
 2-Fluorobiphenyl
 Concen: 81.698 ng
 RT: 9.216 min Scan# 1178
 Delta R.T. -0.006 min
 Lab File: BF128368.D
 Acq: 20 May 2022 17:08

Tgt Ion: 172 Resp: 1357977
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.9 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.282 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128368.D

Acq: 20 May 2022 17:08

Instrument :

BNA_F

ClientSampleId :

PB144970BL

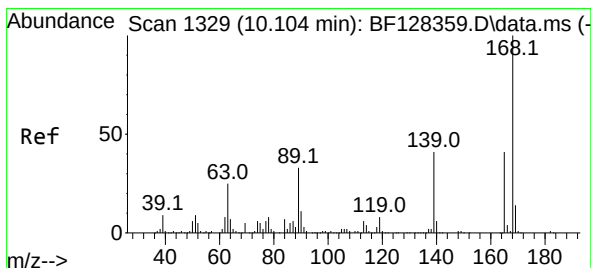
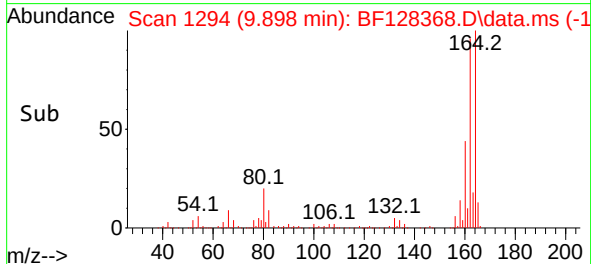
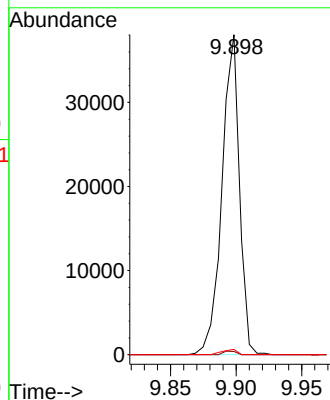
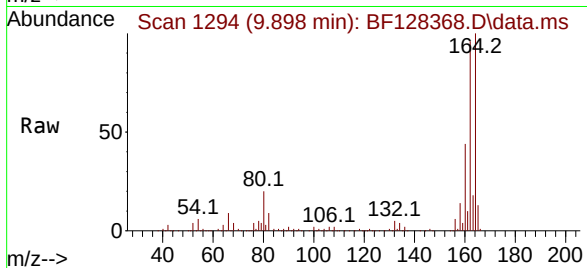
Tgt Ion:165 Resp: 35149

Ion Ratio Lower Upper

165 100

63 1.0 49.5 74.3#

89 1.6 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 7.367 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.206 min

Lab File: BF128368.D

Acq: 20 May 2022 17:08

Tgt Ion:165 Resp: 35149

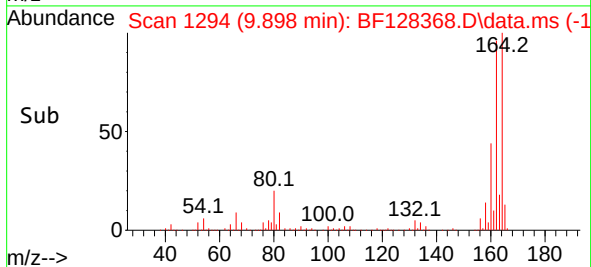
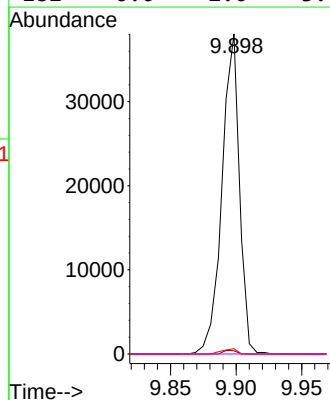
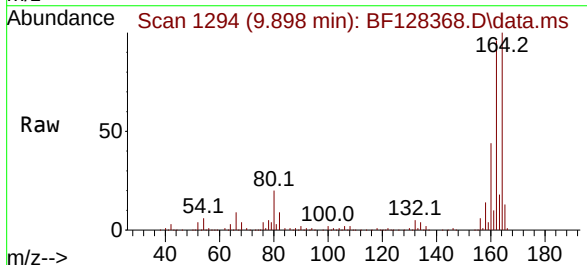
Ion Ratio Lower Upper

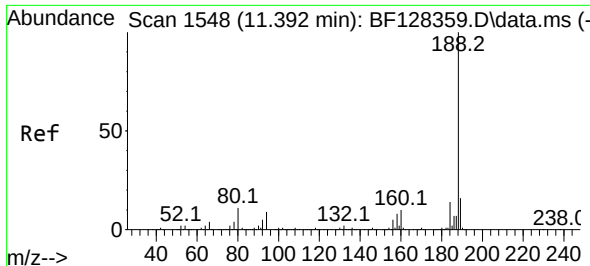
165 100

63 1.0 32.6 49.0#

89 1.6 55.2 82.8#

182 0.0 2.0 3.0#

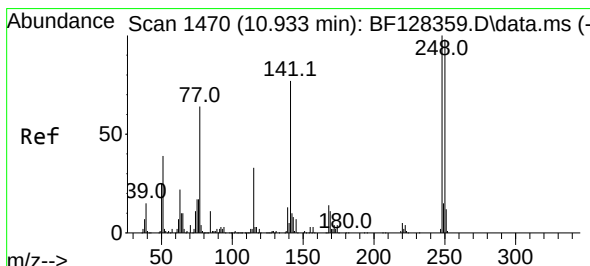
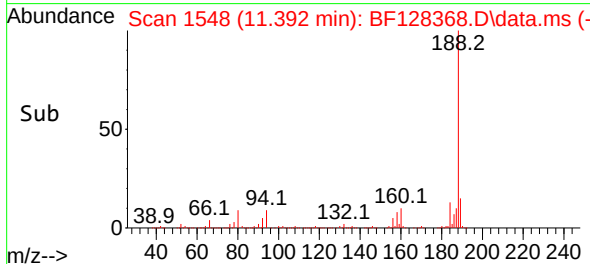
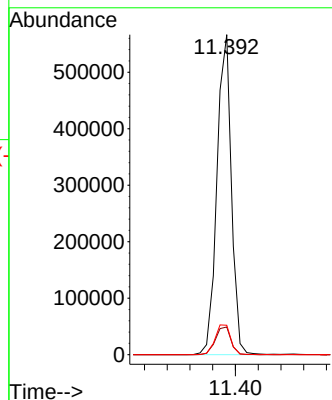
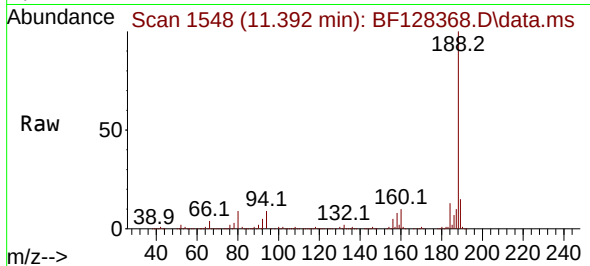




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128368.D
Acq: 20 May 2022 17:08

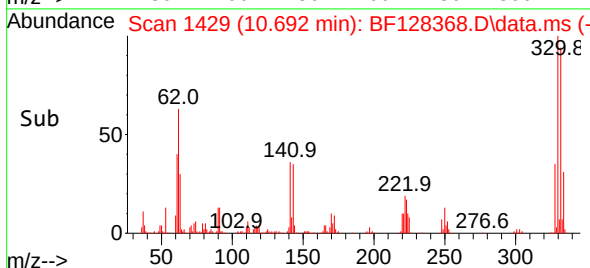
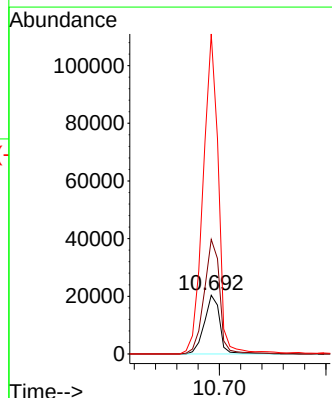
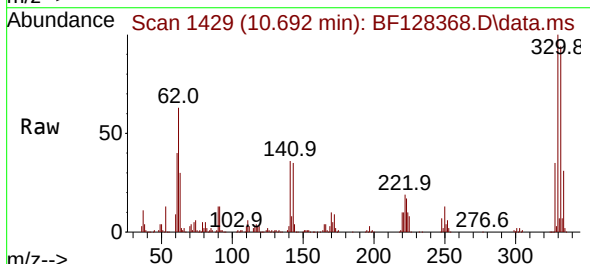
Instrument :
BNA_F
ClientSampleId :
PB144970BL

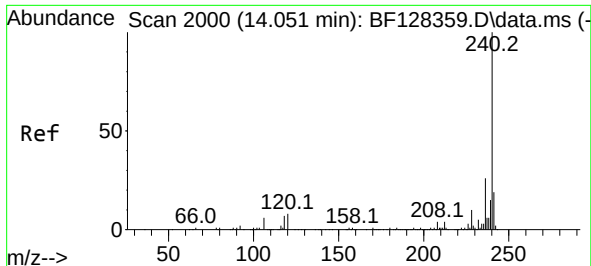
Tgt Ion:188 Resp: 499927
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.2 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.910 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF128368.D
Acq: 20 May 2022 17:08

Tgt Ion:248 Resp: 20457
Ion Ratio Lower Upper
248 100
250 195.1 77.7 116.5#
141 544.7 65.6 98.4#

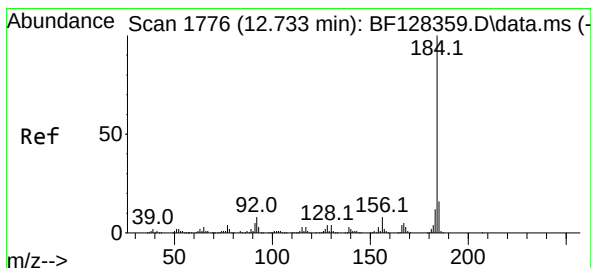
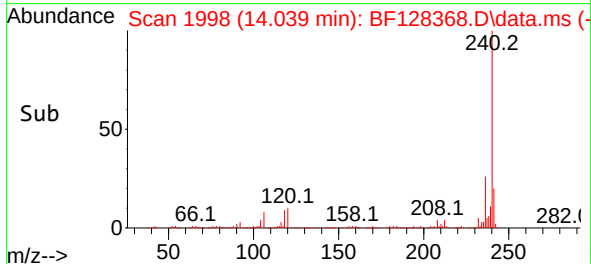
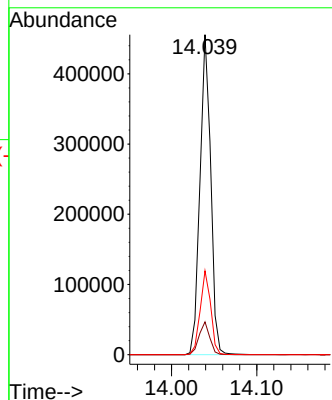
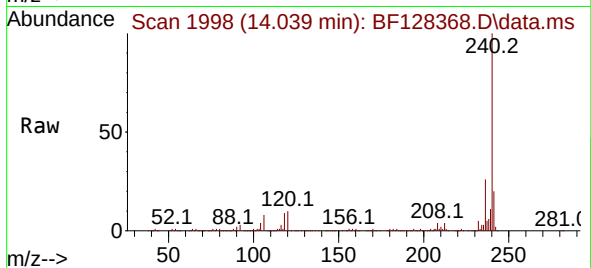




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF128368.D
Acq: 20 May 2022 17:08

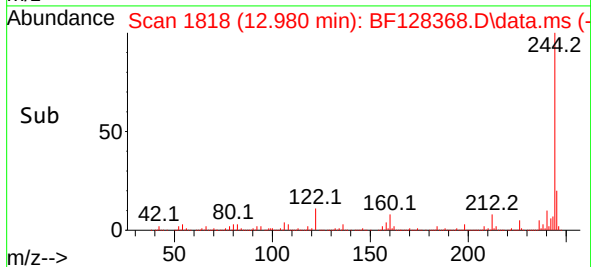
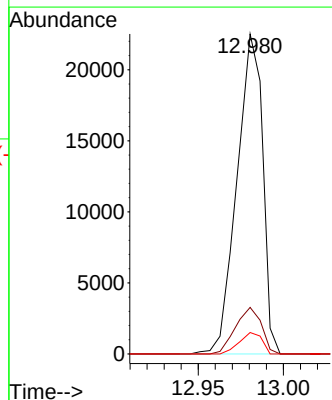
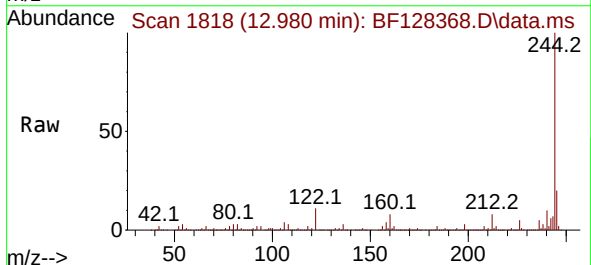
Instrument :
BNA_F
ClientSampleId :
PB144970BL

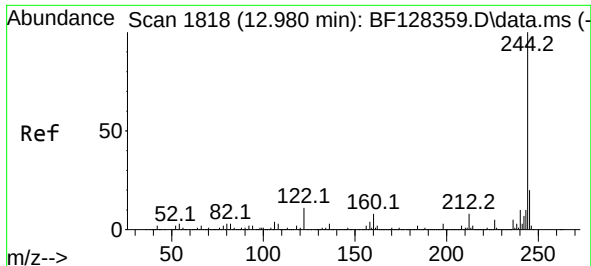
Tgt Ion:240 Resp: 399500
Ion Ratio Lower Upper
240 100
120 10.3 7.0 10.6
236 26.2 20.3 30.5



#77
Benzidine
Concen: 2.846 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF128368.D
Acq: 20 May 2022 17:08

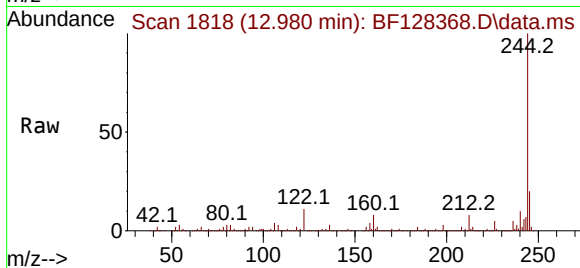
Tgt Ion:184 Resp: 23650
Ion Ratio Lower Upper
184 100
185 14.6 12.1 18.1
183 6.7 9.0 13.4#





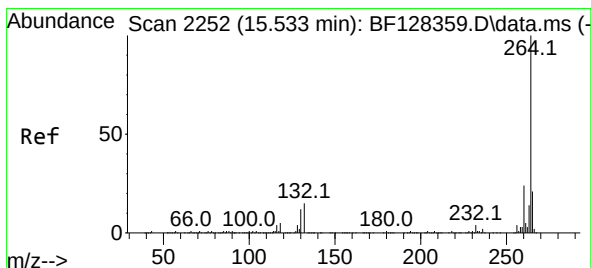
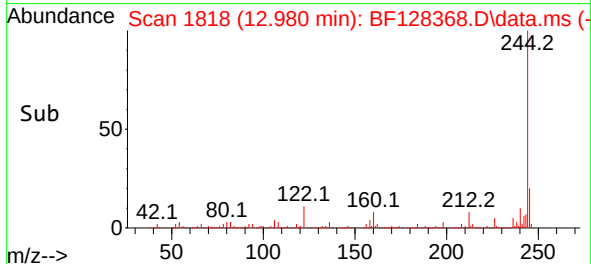
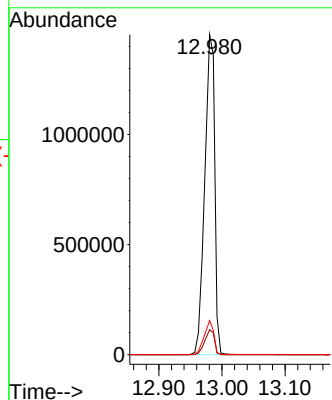
#79
 Terphenyl-d14
 Concen: 77.105 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128368.D
 Acq: 20 May 2022 17:08

Instrument :
 BNA_F
 ClientSampleId :
 PB144970BL



Tgt Ion:244 Resp: 1595681

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	10.6	8.6	12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF128368.D
 Acq: 20 May 2022 17:08

Tgt Ion:264 Resp: 332001

Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.1	30.1
265	21.9	17.5	26.3

