

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061322\
 Data File : BF128786.D
 Acq On : 13 Jun 2022 16:11
 Operator : CG\JU
 Sample : N3301-02RX
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-214(29-30)

Quant Time: Jun 14 01:55:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

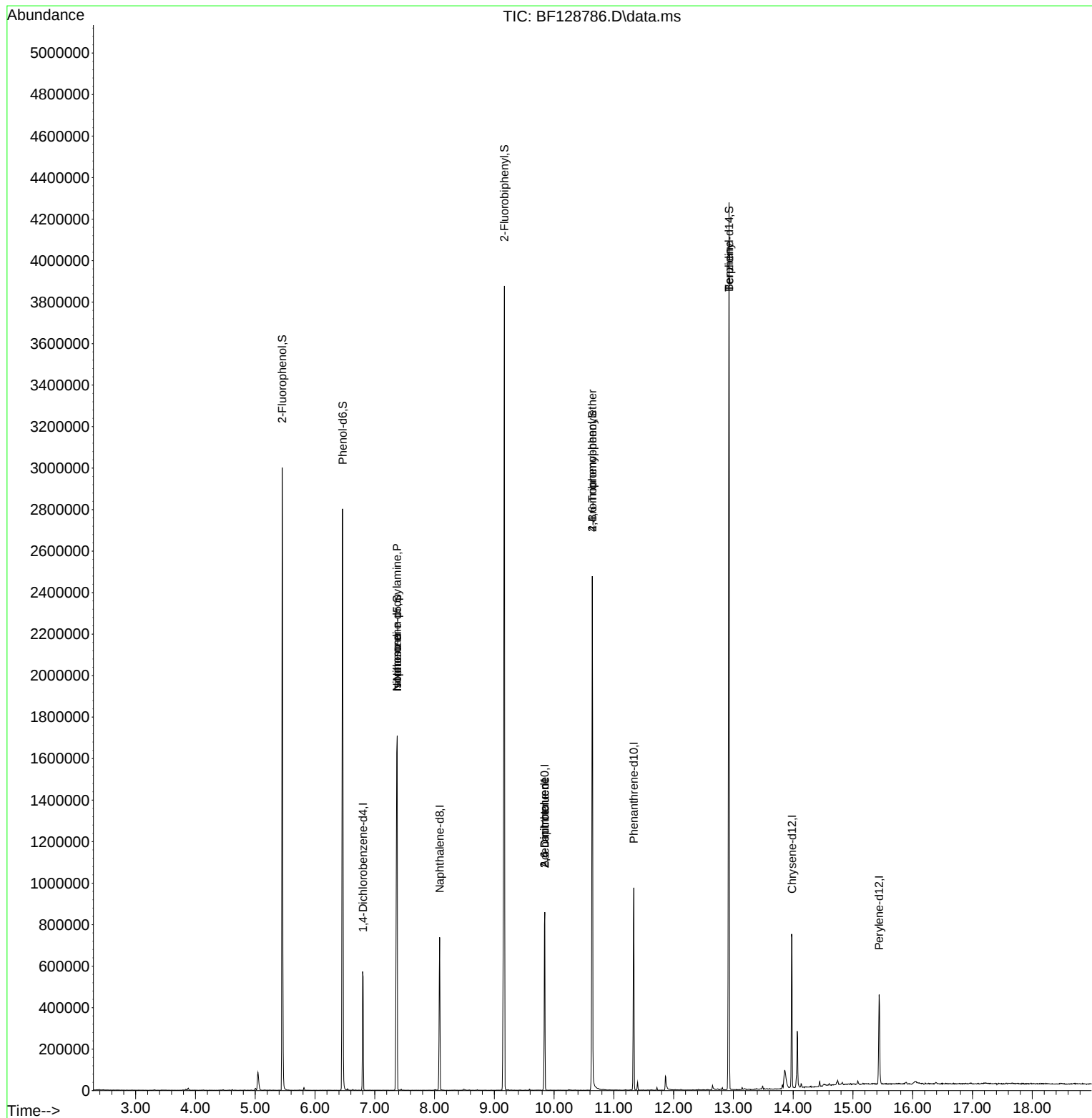
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	84038	20.000	ng	0.00
21) Naphthalene-d8	8.087	136	321793	20.000	ng	-0.01
39) Acenaphthene-d10	9.845	164	182199	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	354042	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	273332	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	196957	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	757142	143.506	ng	0.00
7) Phenol-d6	6.463	99	968084	150.317	ng	-0.02
23) Nitrobenzene-d5	7.375	82	685260	99.147	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	330945	153.730	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	1356613	104.300	ng	0.00
79) Terphenyl-d14	12.927	244	1652427	105.049	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	98031	24.482	ng	# 73
25) Isophorone	7.375	82	682984	65.064	ng	# 65
51) 2,6-Dinitrotoluene	9.845	165	23861	9.694	ng	# 25
57) 2,4-Dinitrotoluene	9.845	165	23861	7.264	ng	# 21
67) 4-Bromophenyl-phenylether	10.639	248	21405	5.421	ng	# 1
77) Benzidine	12.927	184	23135	4.246	ng	# 92

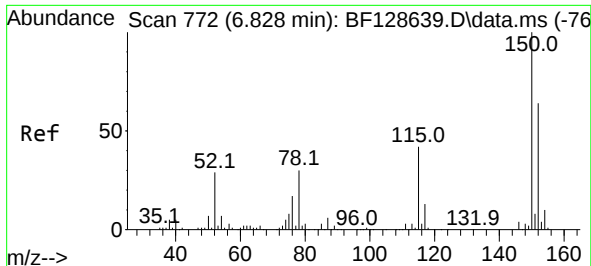
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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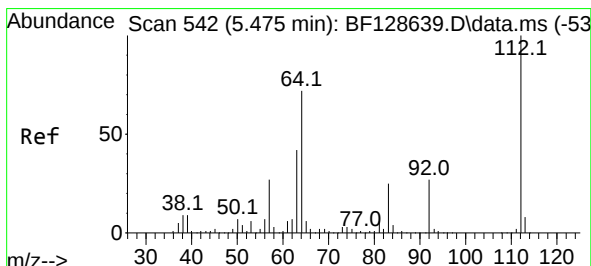
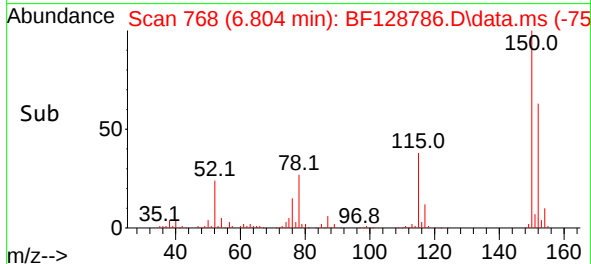
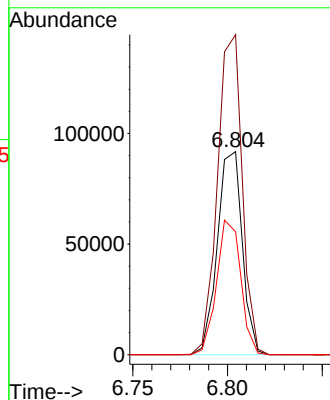
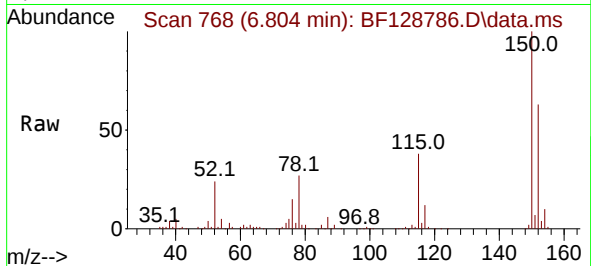




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

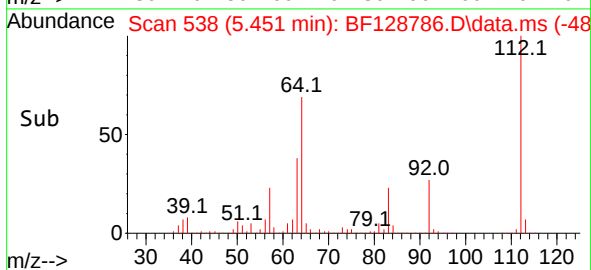
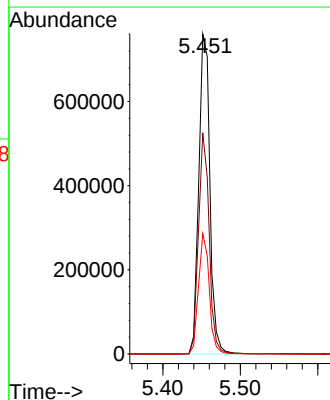
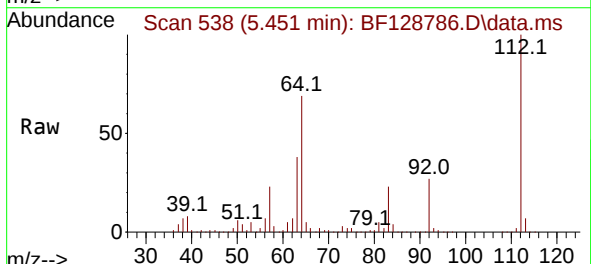
Instrument :
BNA_F
ClientSampleId :
B-214(29-30)

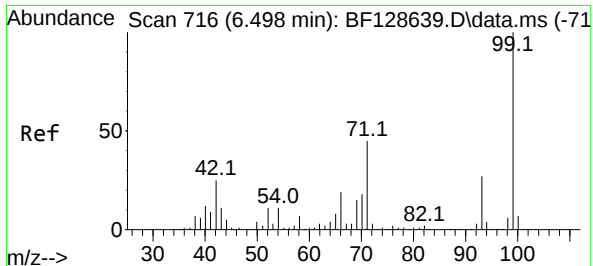
Tgt Ion:152 Resp: 84038
Ion Ratio Lower Upper
152 100
150 157.6 123.7 185.5
115 60.6 49.9 74.9



#5
2-Fluorophenol
Concen: 143.506 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.006 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

Tgt Ion:112 Resp: 757142
Ion Ratio Lower Upper
112 100
64 69.1 53.3 79.9
63 37.6 28.0 42.0

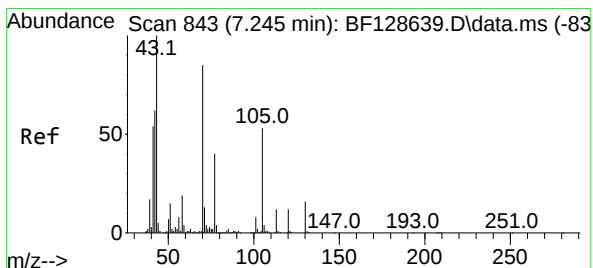
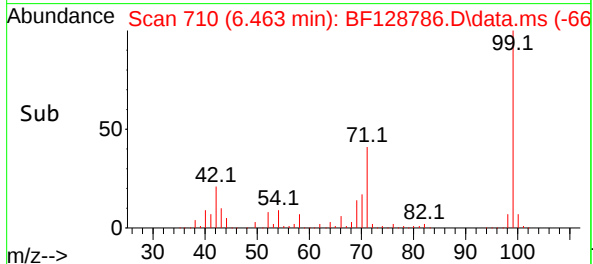
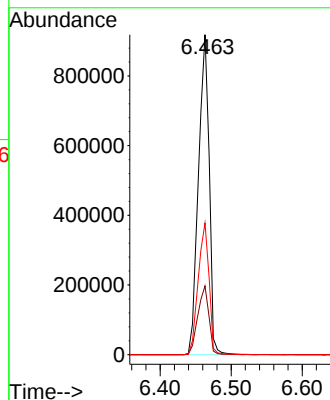
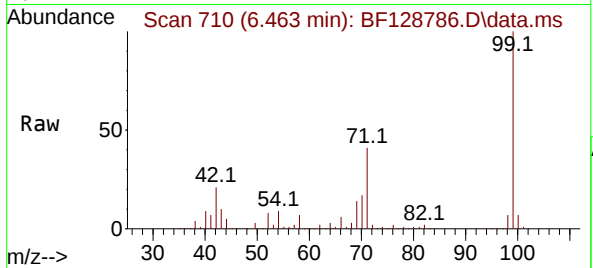




#7
Phenol-d6
Concen: 150.317 ng
RT: 6.463 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

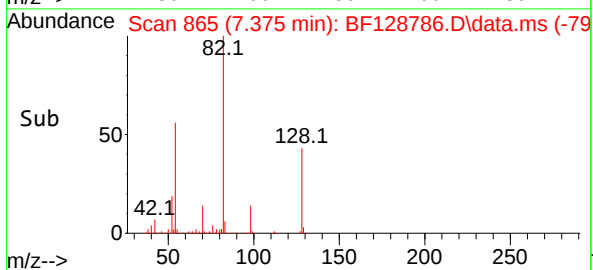
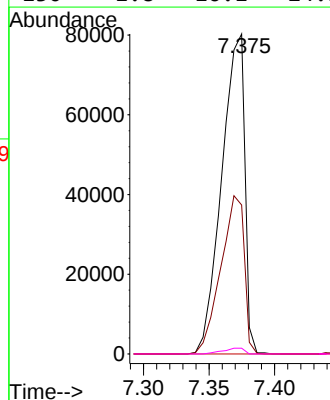
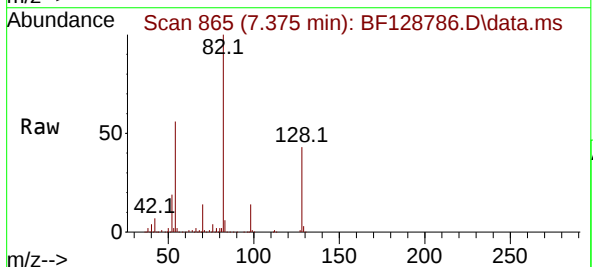
Instrument :
BNA_F
ClientSampleId :
B-214(29-30)

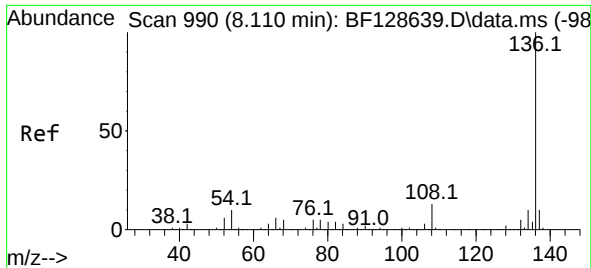
Tgt Ion: 99 Resp: 968084
Ion Ratio Lower Upper
99 100
42 21.5 17.3 25.9
71 41.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 24.482 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.141 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

Tgt Ion: 70 Resp: 98031
Ion Ratio Lower Upper
70 100
42 46.6 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

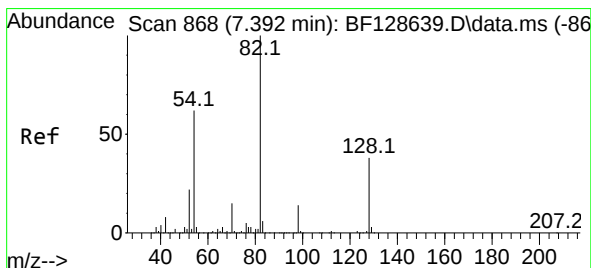
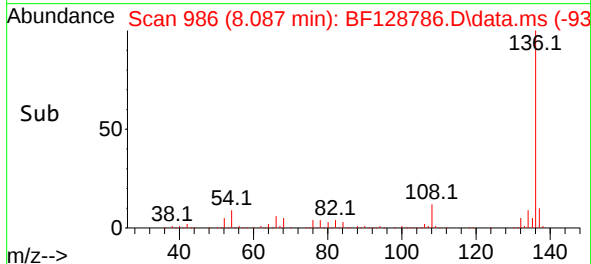
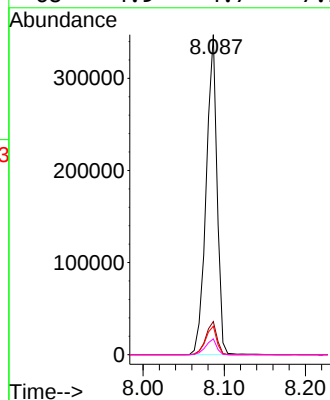
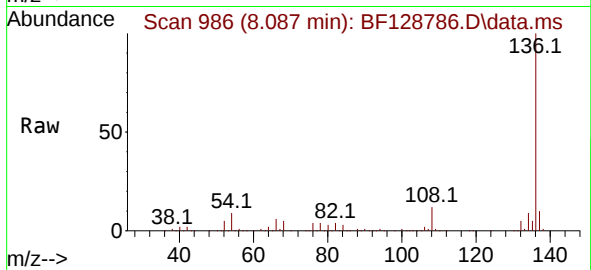




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

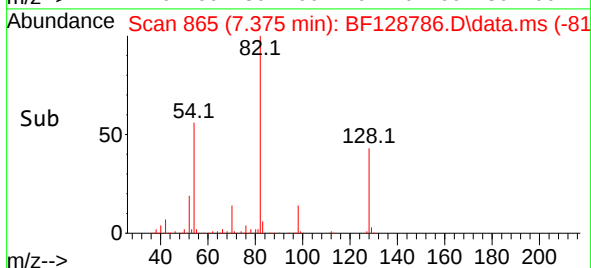
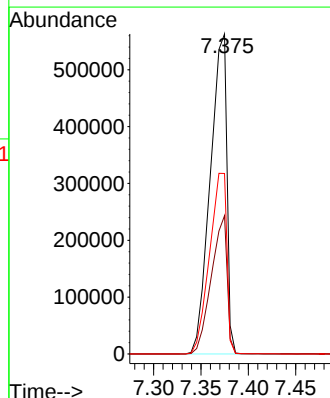
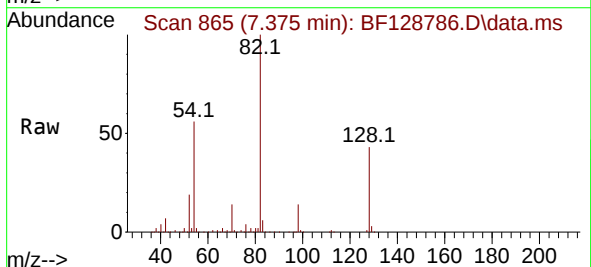
Instrument :
BNA_F
ClientSampleId :
B-214(29-30)

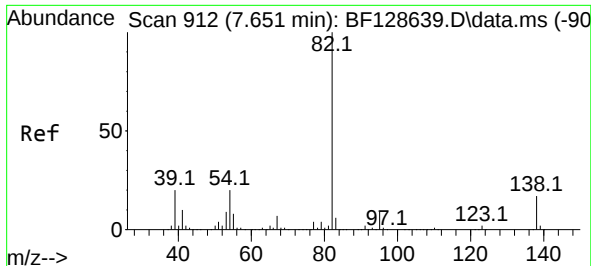
Tgt Ion:	136	Resp:	321793
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	8.9	7.5	11.3
68	4.9	4.7	7.1



#23
Nitrobenzene-d5
Concen: 99.147 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

Tgt Ion:	82	Resp:	685260
Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.0	51.0
54	56.4	46.9	70.3

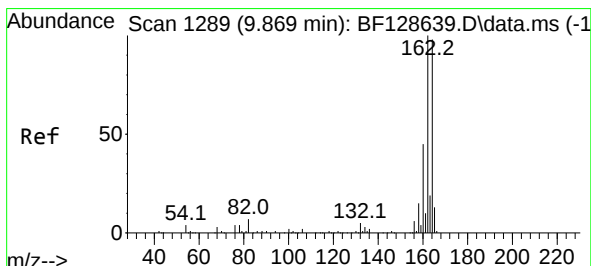
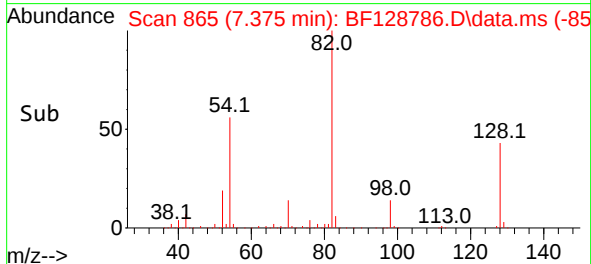
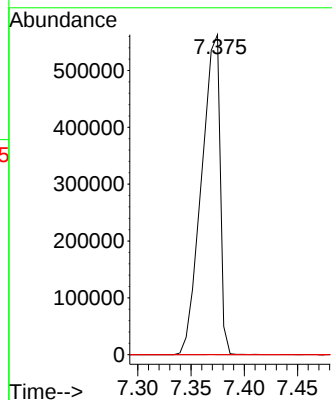
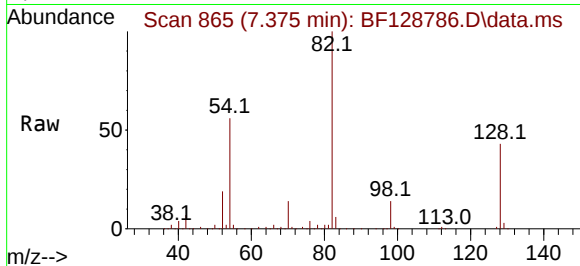




#25
Isophorone
Concen: 65.064 ng
RT: 7.375 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

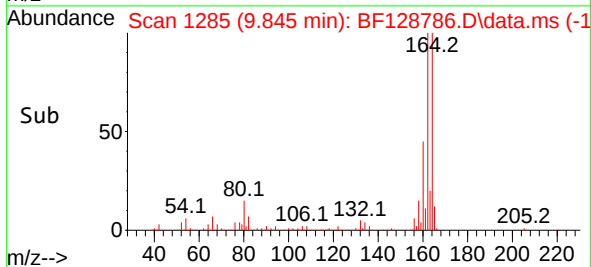
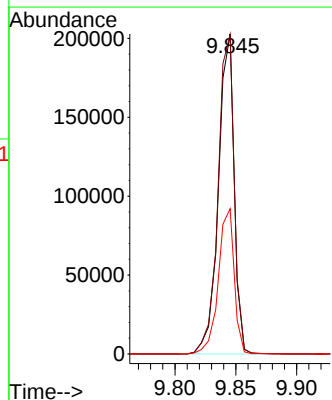
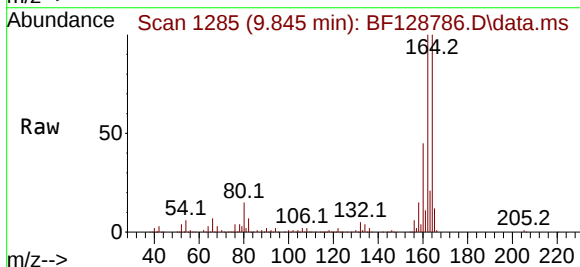
Instrument :
BNA_F
ClientSampleId :
B-214(29-30)

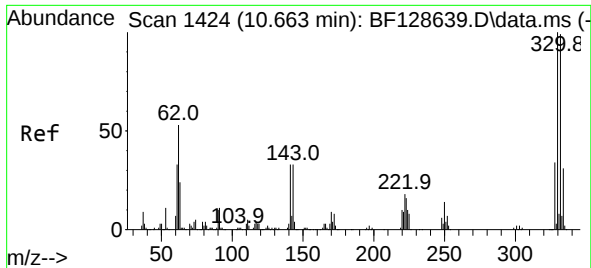
Tgt Ion: 82 Resp: 682984
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

Tgt Ion:164 Resp: 182199
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 45.4 34.2 51.4

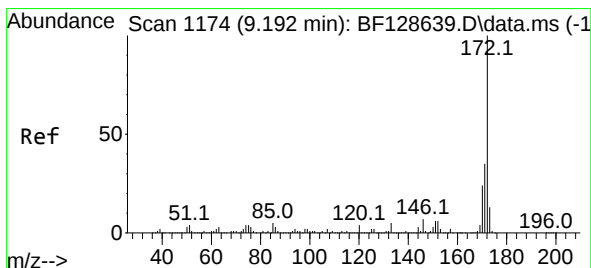
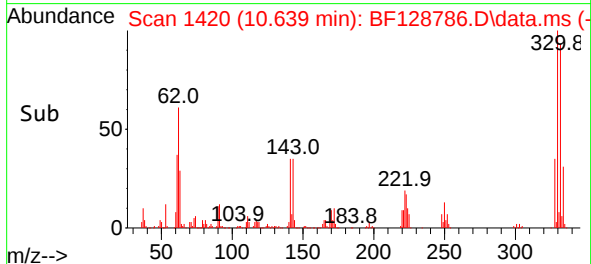
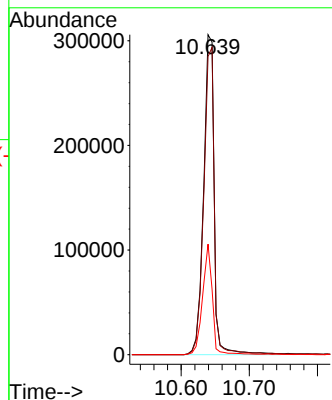
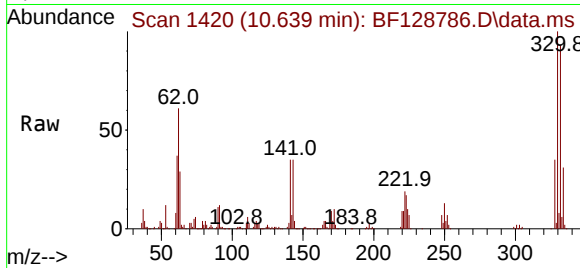




#42
2,4,6-Tribromophenol
Concen: 153.730 ng
RT: 10.639 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

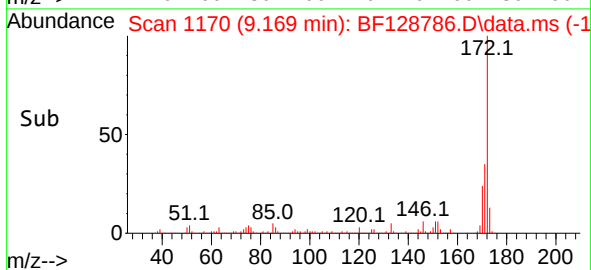
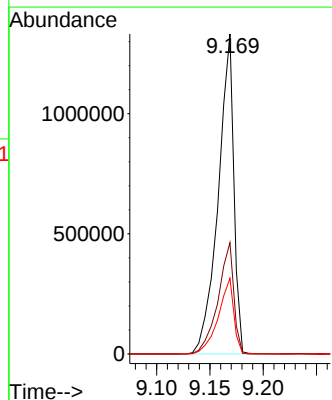
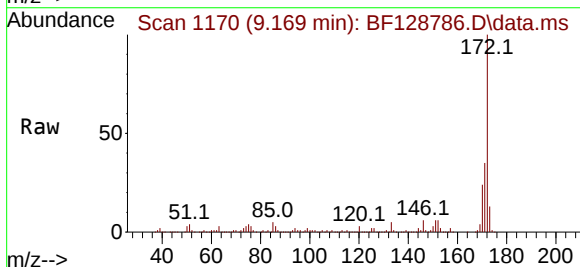
Instrument :
BNA_F
ClientSampleId :
B-214(29-30)

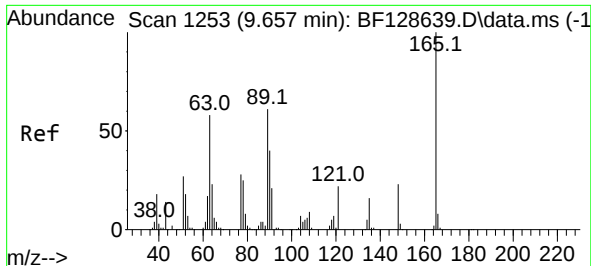
Tgt Ion:330 Resp: 330945
Ion Ratio Lower Upper
330 100
332 95.7 76.8 115.2
141 31.8 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 104.300 ng
RT: 9.169 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

Tgt Ion:172 Resp: 1356613
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.694 ng

RT: 9.845 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF128786.D

Acq: 13 Jun 2022 16:11

Instrument :

BNA_F

ClientSampleId :

B-214(29-30)

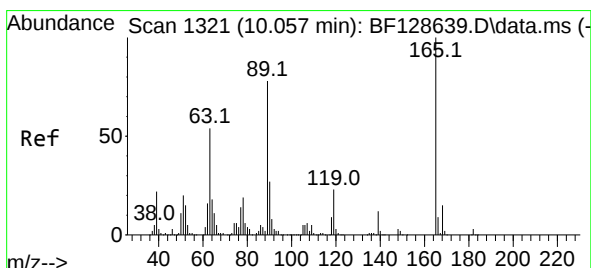
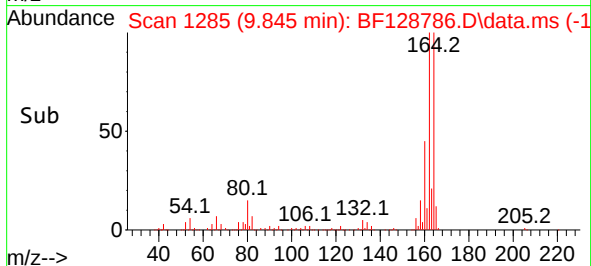
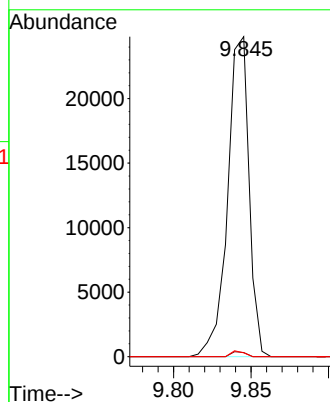
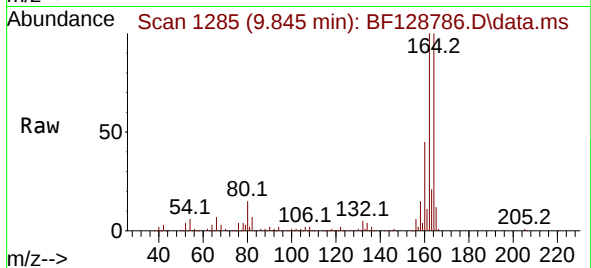
Tgt Ion:165 Resp: 23861

Ion Ratio Lower Upper

165 100

63 1.3 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.264 ng

RT: 9.845 min Scan# 1285

Delta R.T. -0.200 min

Lab File: BF128786.D

Acq: 13 Jun 2022 16:11

Tgt Ion:165 Resp: 23861

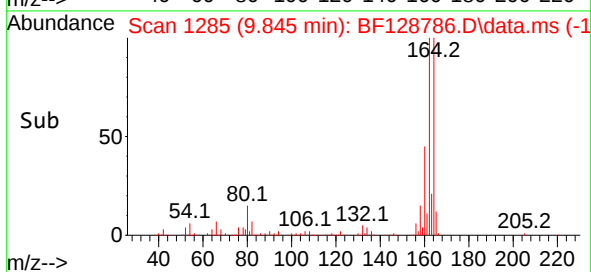
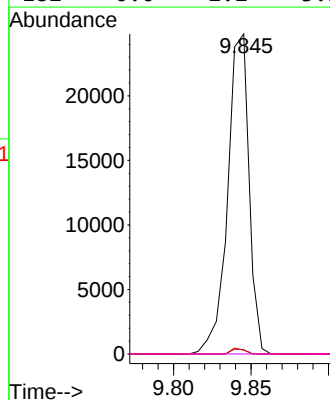
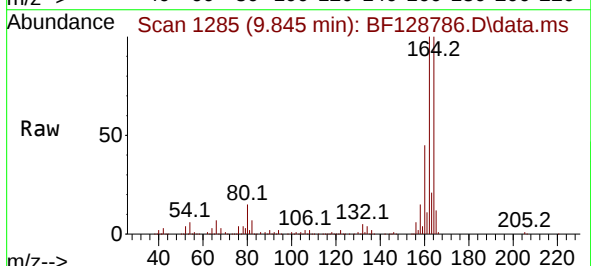
Ion Ratio Lower Upper

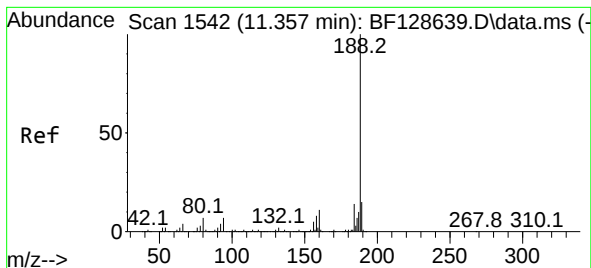
165 100

63 1.3 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128786.D

Acq: 13 Jun 2022 16:11

Instrument :

BNA_F

ClientSampleId :

B-214(29-30)

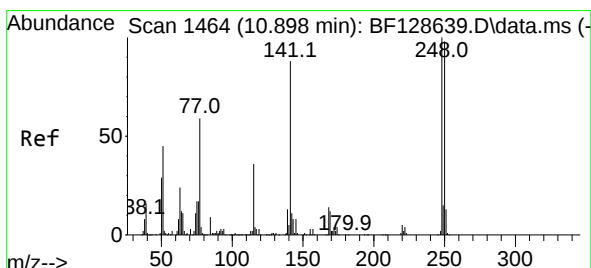
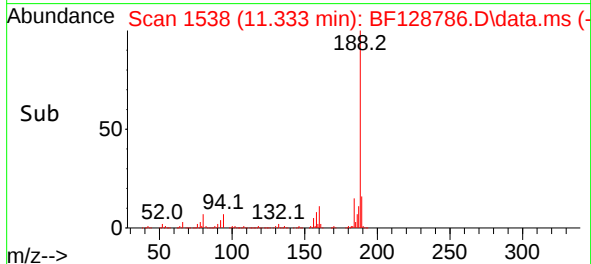
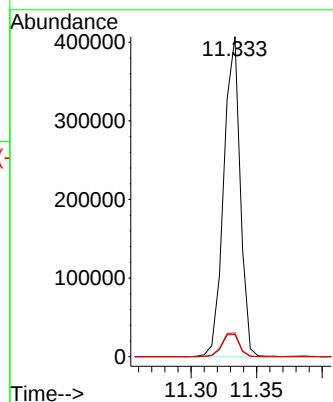
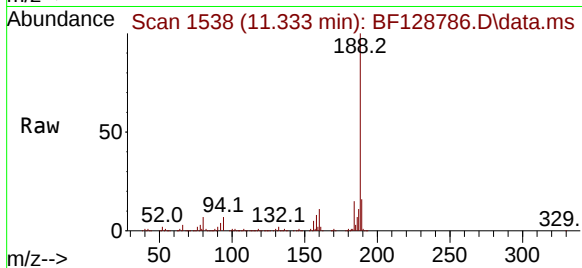
Tgt Ion:188 Resp: 354042

Ion Ratio Lower Upper

188 100

94 6.9 7.0 10.6#

80 7.4 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 5.421 ng

RT: 10.639 min Scan# 1420

Delta R.T. -0.247 min

Lab File: BF128786.D

Acq: 13 Jun 2022 16:11

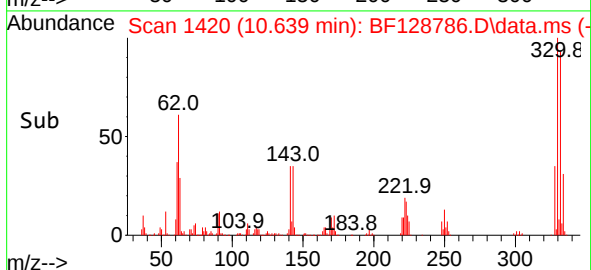
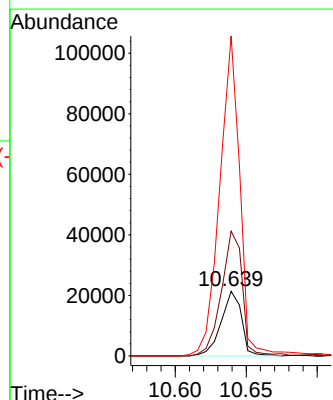
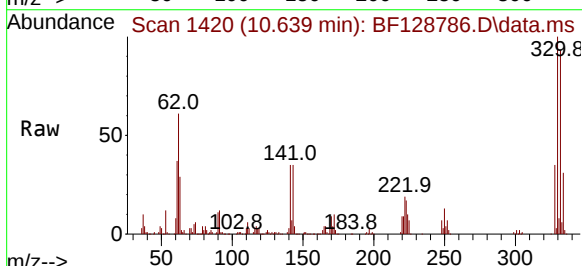
Tgt Ion:248 Resp: 21405

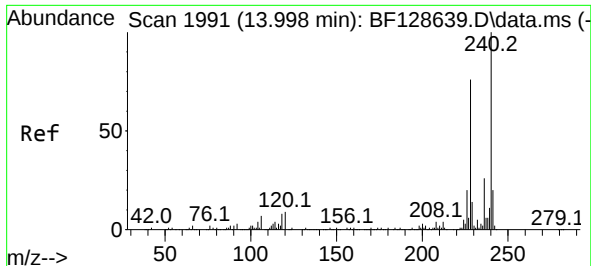
Ion Ratio Lower Upper

248 100

250 192.9 80.6 120.8#

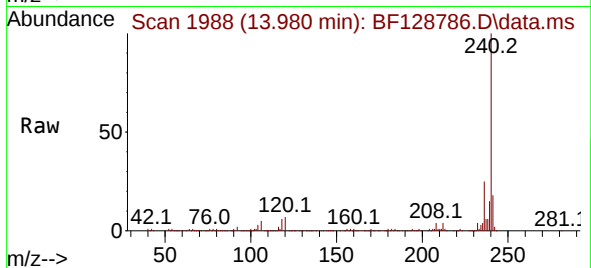
141 494.8 58.9 88.3#



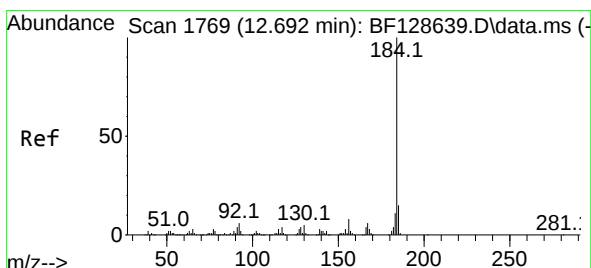
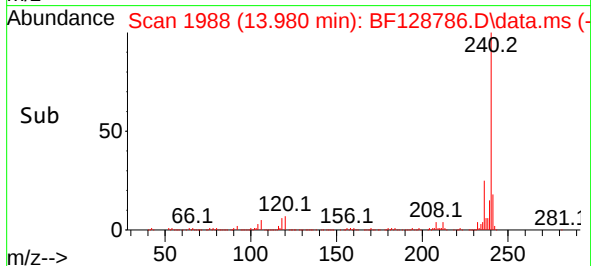
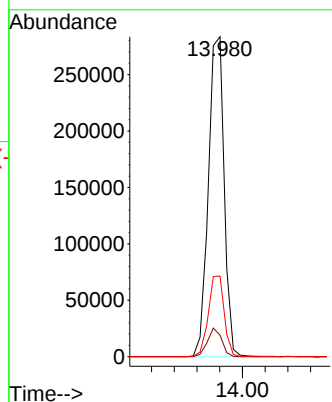


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

Instrument :
BNA_F
ClientSampleId :
B-214(29-30)

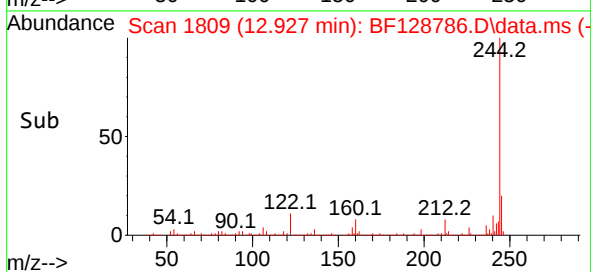
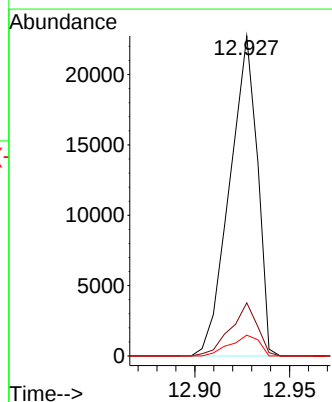
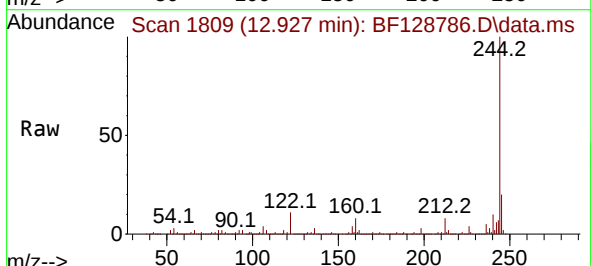


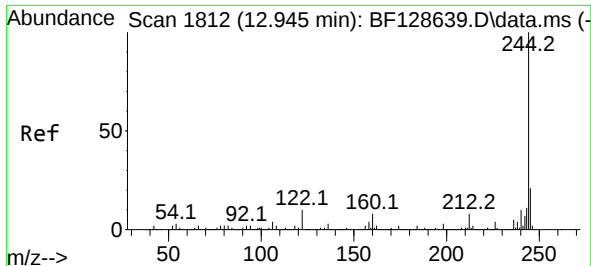
Tgt Ion:240 Resp: 273332
Ion Ratio Lower Upper
240 100
120 6.7 8.9 13.3#
236 25.2 20.8 31.2



#77
Benzidine
Concen: 4.246 ng
RT: 12.927 min Scan# 1809
Delta R.T. 0.247 min
Lab File: BF128786.D
Acq: 13 Jun 2022 16:11

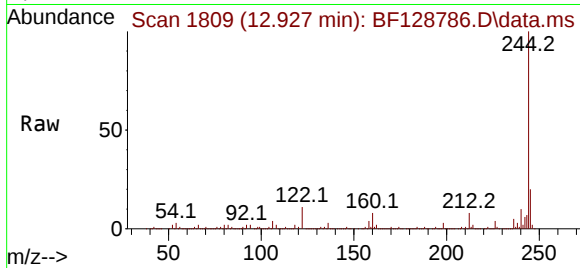
Tgt Ion:184 Resp: 23135
Ion Ratio Lower Upper
184 100
185 16.6 11.9 17.9
183 6.5 9.3 13.9#





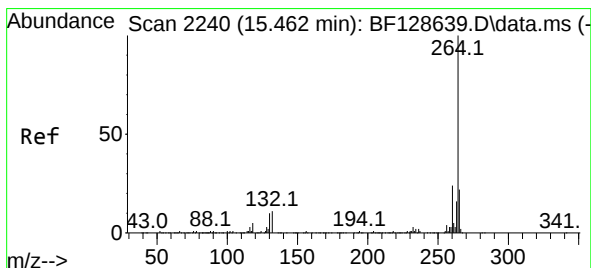
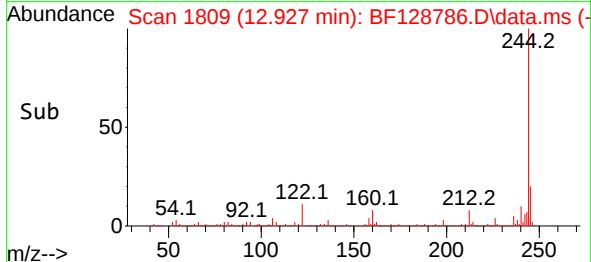
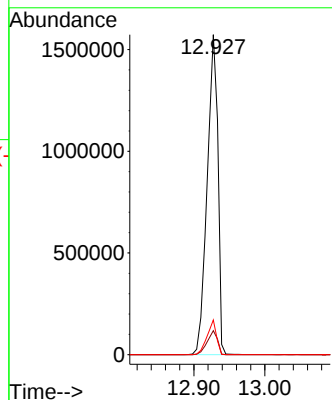
#79
 Terphenyl-d14
 Concen: 105.049 ng
 RT: 12.927 min Scan# 1809
 Delta R.T. -0.006 min
 Lab File: BF128786.D
 Acq: 13 Jun 2022 16:11

Instrument :
 BNA_F
 ClientSampleId :
 B-214(29-30)



Tgt Ion:244 Resp: 1652427

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	10.8	8.8	13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2236
 Delta R.T. -0.006 min
 Lab File: BF128786.D
 Acq: 13 Jun 2022 16:11

Tgt Ion:264 Resp: 196957

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.3	17.2	25.8

