

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128934.D
 Acq On : 22 Jun 2022 16:26
 Operator : CG\JU
 Sample : N3387-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20220616

Quant Time: Jun 23 01:30:00 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 22 01:02:29 2022
 Response via : Initial Calibration

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

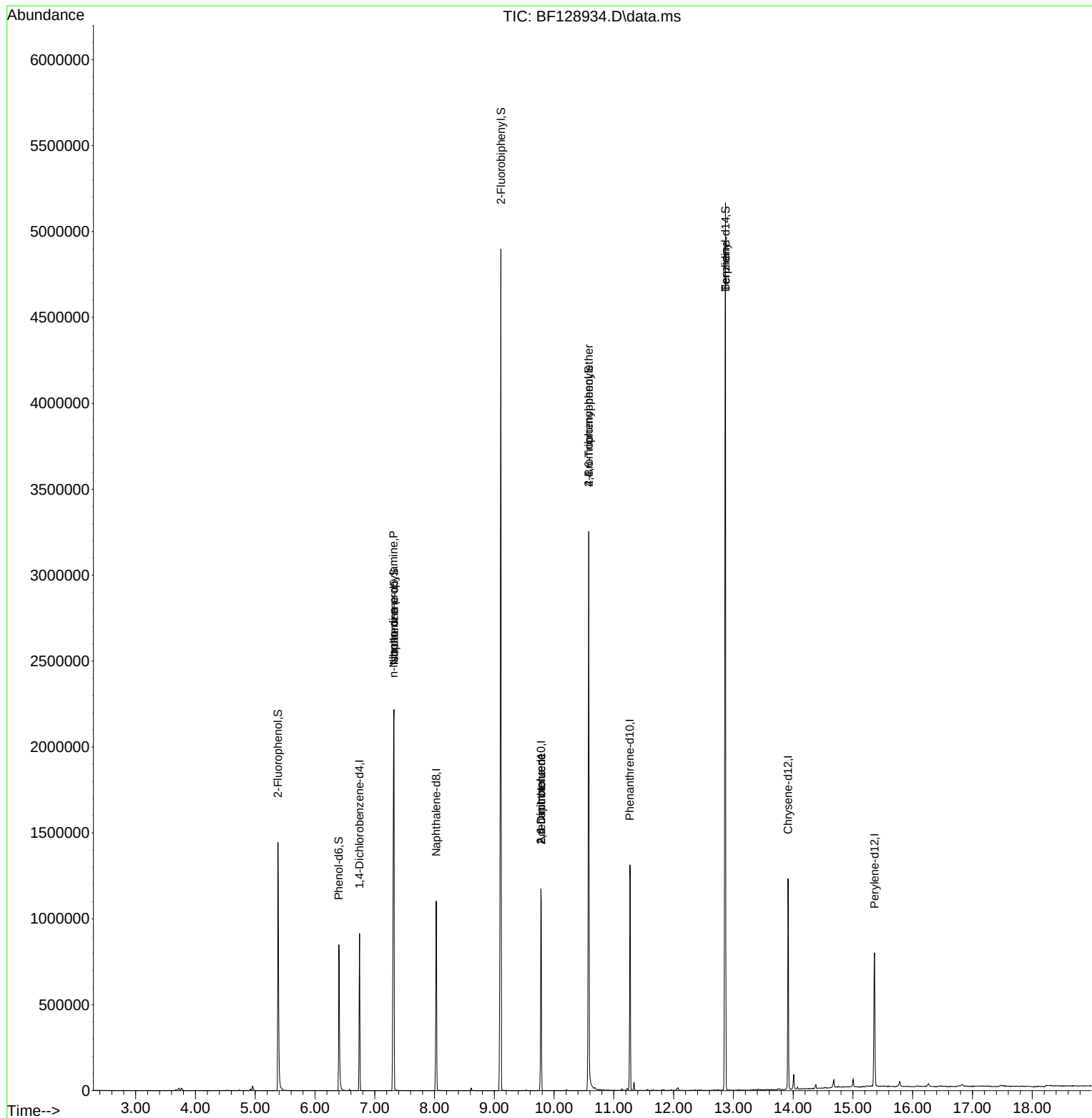
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	122756	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	468909	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	255945	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	498844	20.000	ng	-0.01
76) Chrysene-d12	13.915	240	415826	20.000	ng	#-0.01
86) Perylene-d12	15.362	264	349667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	368981	47.877	ng	0.00
7) Phenol-d6	6.398	99	278206	29.573	ng	-0.02
23) Nitrobenzene-d5	7.322	82	899361	89.299	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	412795	136.501	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1615452	88.415	ng	0.00
79) Terphenyl-d14	12.868	244	1943192	81.201	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.316	70	130102	22.243	ng	# 77
25) Isophorone	7.322	82	896508	58.610	ng	# 65
51) 2,6-Dinitrotoluene	9.780	165	33633	9.727	ng	# 26
57) 2,4-Dinitrotoluene	9.780	165	33633	7.289	ng	# 21
67) 4-Bromophenyl-phenylether	10.580	248	26517	4.767	ng	# 1
77) Benzidine	12.868	184	28565	3.446	ng	# 94

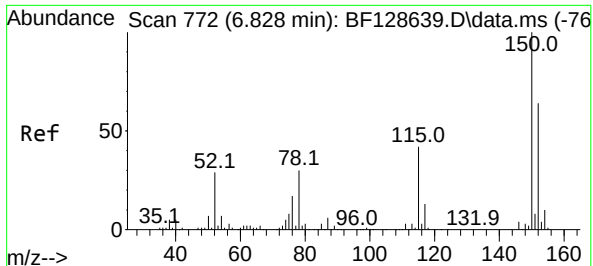
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
Data File : BF128934.D
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Misc :
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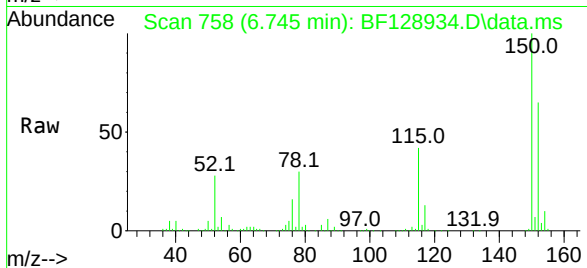
Quant Time: Jun 23 01:30:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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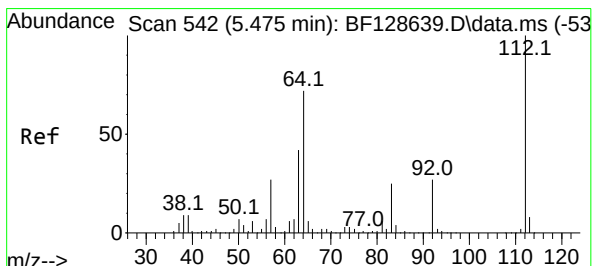
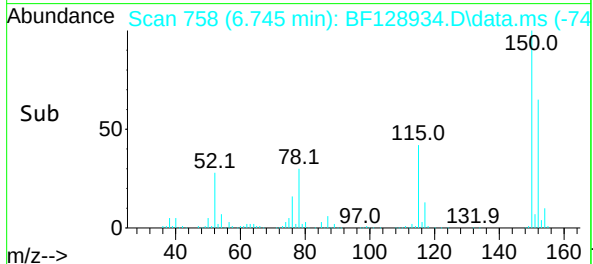
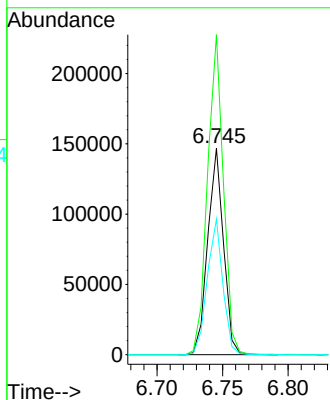


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128934.D
Acq: 22 Jun 2022 16:26

Instrument :
BNA_F
ClientSampleId :
SP-303-20220616

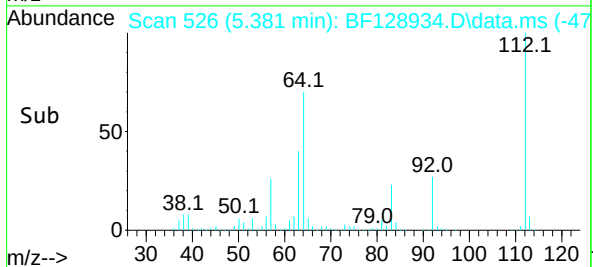
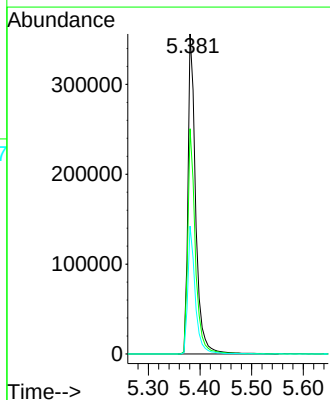
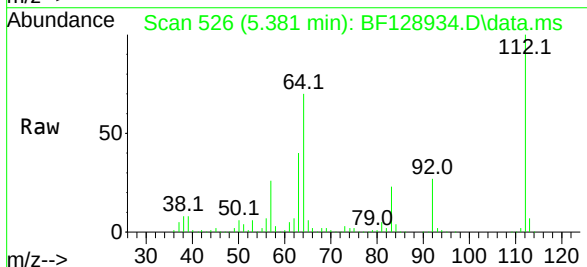


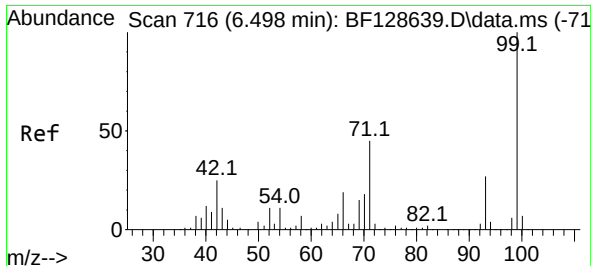
Tgt Ion:152 Resp: 122756
Ion Ratio Lower Upper
152 100
150 154.9 123.7 185.5
115 65.5 49.9 74.9



#5
2-Fluorophenol
Concen: 47.877 ng
RT: 5.381 min Scan# 526
Delta R.T. -0.006 min
Lab File: BF128934.D
Acq: 22 Jun 2022 16:26

Tgt Ion:112 Resp: 368981
Ion Ratio Lower Upper
112 100
64 70.4 53.3 79.9
63 39.9 28.0 42.0

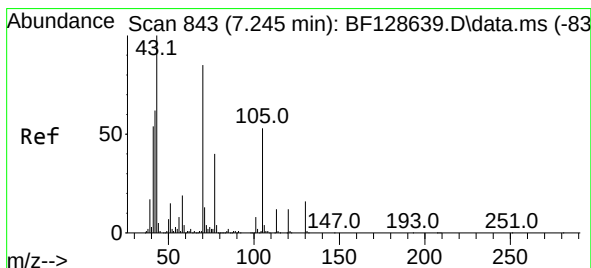
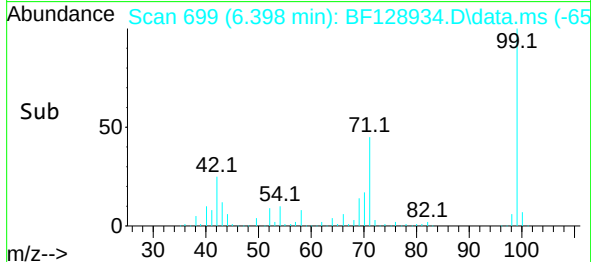
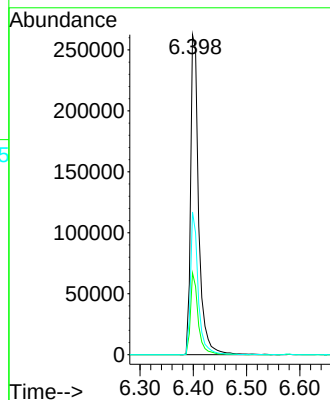
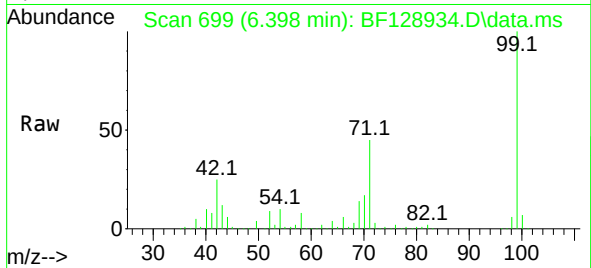




#7
Phenol-d6
Concen: 29.573 ng
RT: 6.398 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF128934.D
Acq: 22 Jun 2022 16:26

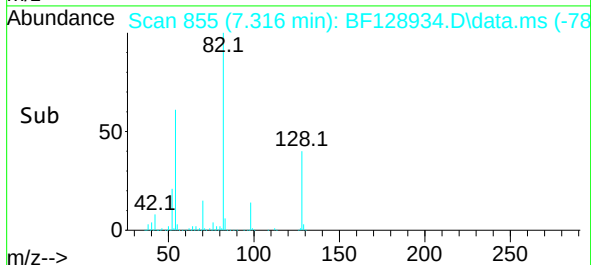
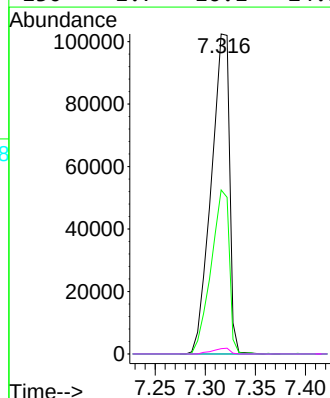
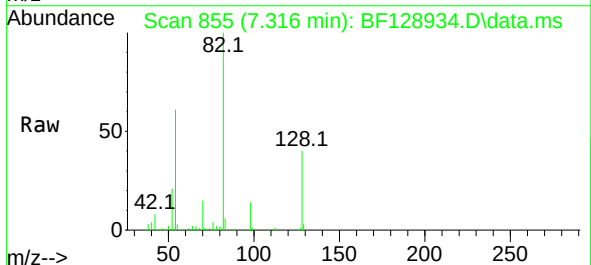
Instrument :
BNA_F
ClientSampleId :
SP-303-20220616

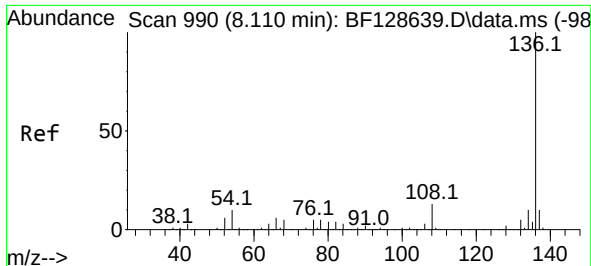
Tgt Ion: 99 Resp: 278206
Ion Ratio Lower Upper
99 100
42 25.5 17.3 25.9
71 44.6 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 22.243 ng
RT: 7.316 min Scan# 855
Delta R.T. 0.135 min
Lab File: BF128934.D
Acq: 22 Jun 2022 16:26

Tgt Ion: 70 Resp: 130102
Ion Ratio Lower Upper
70 100
42 51.3 52.3 78.5#
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#



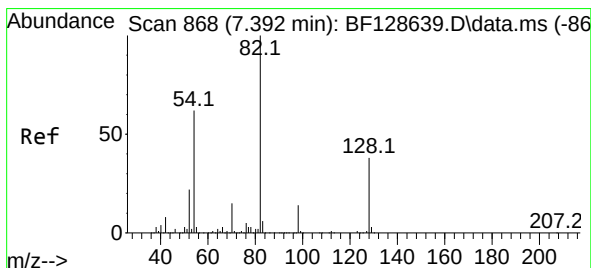
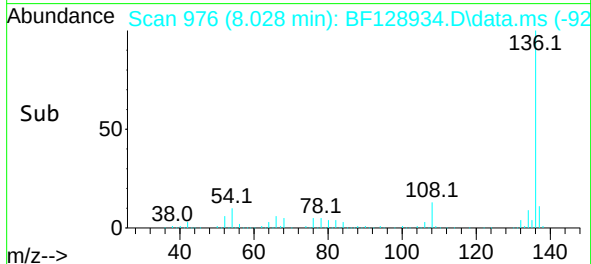
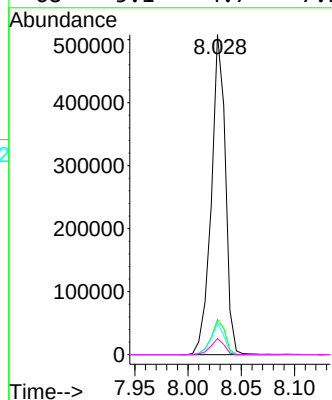
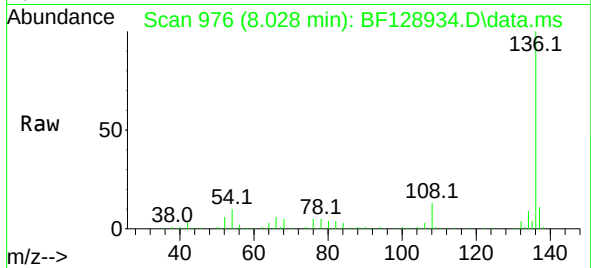


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128934.D
Acq: 22 Jun 2022 16:26

Instrument :
BNA_F
ClientSampleId :
SP-303-20220616

Tgt Ion:136 Resp: 468909

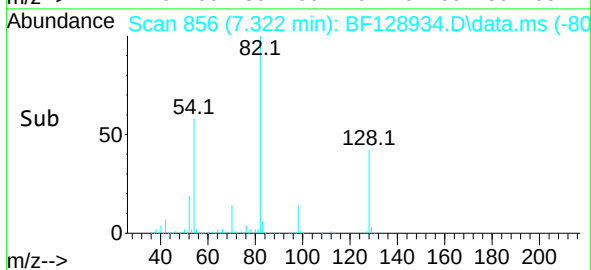
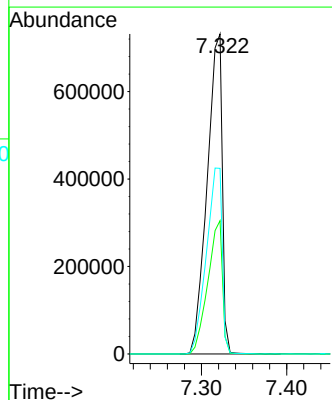
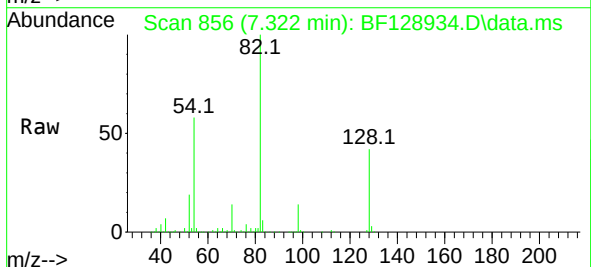
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.9	7.5	11.3
68	5.1	4.7	7.1

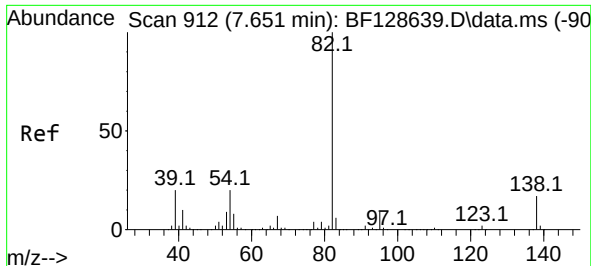


#23
Nitrobenzene-d5
Concen: 89.299 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF128934.D
Acq: 22 Jun 2022 16:26

Tgt Ion: 82 Resp: 899361

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.0	51.0
54	58.0	46.9	70.3

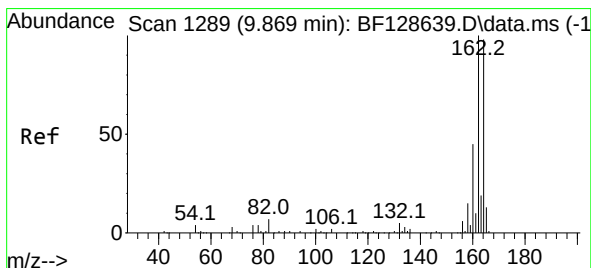
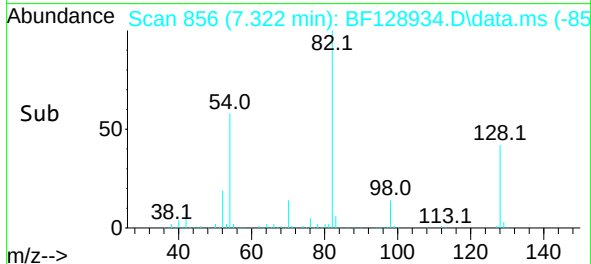
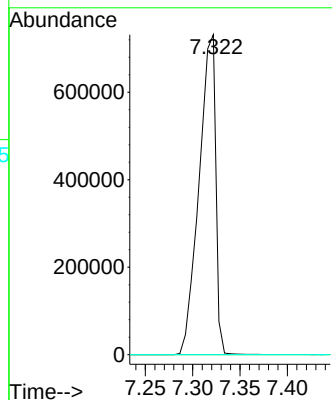
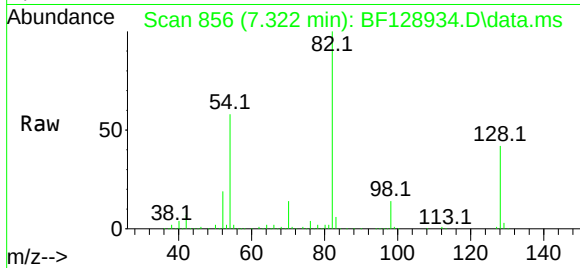




#25
Isophorone
Concen: 58.610 ng
RT: 7.322 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128934.D
Acq: 22 Jun 2022 16:26

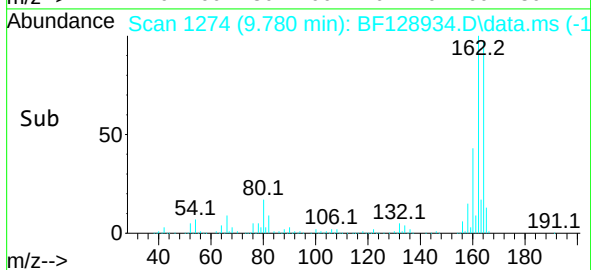
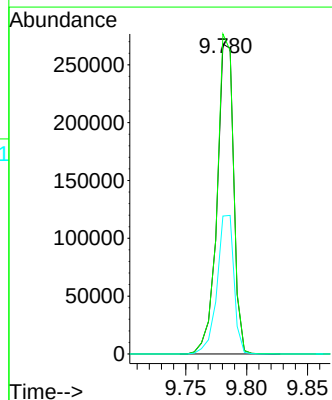
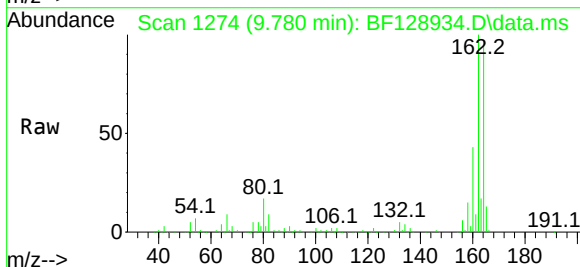
Instrument :
BNA_F
ClientSampleId :
SP-303-20220616

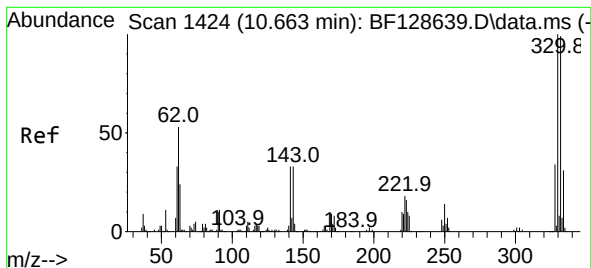
Tgt Ion: 82 Resp: 896508
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BF128934.D
Acq: 22 Jun 2022 16:26

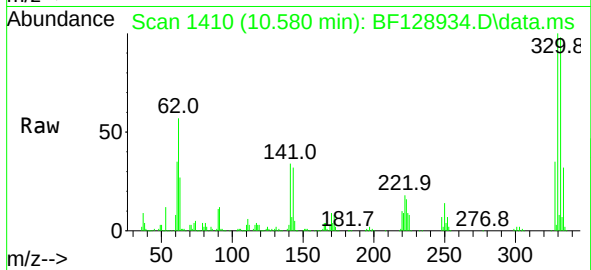
Tgt Ion:164 Resp: 255945
Ion Ratio Lower Upper
164 100
162 103.2 79.5 119.3
160 44.5 34.2 51.4



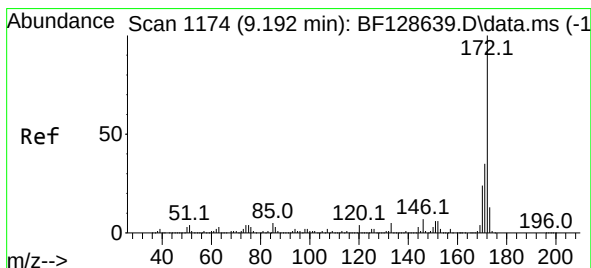
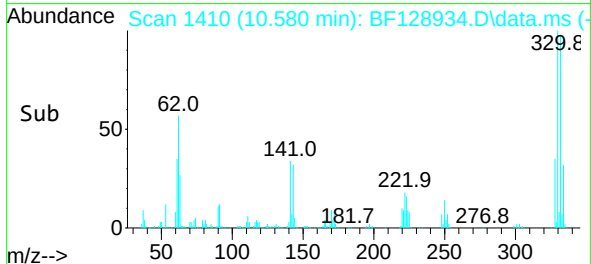
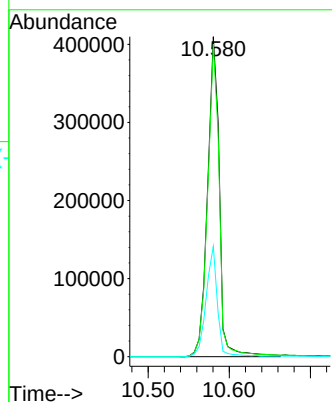


#42
2,4,6-Tribromophenol
Concen: 136.501 ng
RT: 10.580 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128934.D
Acq: 22 Jun 2022 16:26

Instrument :
BNA_F
ClientSampleId :
SP-303-20220616

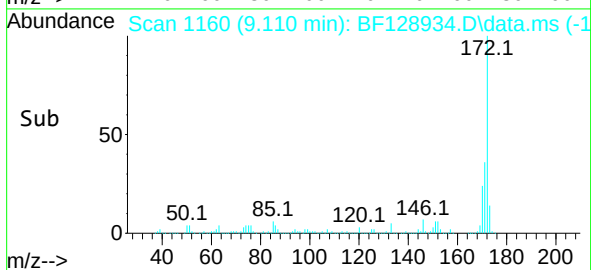
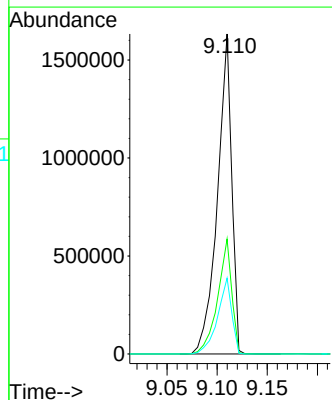
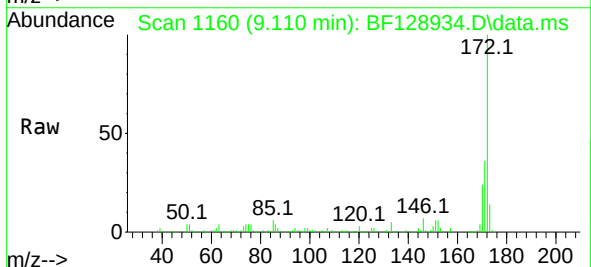


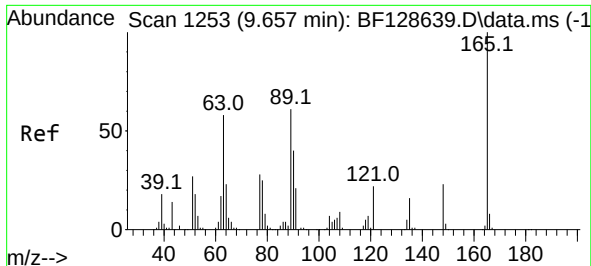
Tgt Ion:330 Resp: 412795
Ion Ratio Lower Upper
330 100
332 97.7 76.8 115.2
141 33.2 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 88.415 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF128934.D
Acq: 22 Jun 2022 16:26

Tgt Ion:172 Resp: 1615452
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.7 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.727 ng

RT: 9.780 min Scan# 11

Delta R.T. 0.194 min

Lab File: BF128934.D

Acq: 22 Jun 2022 16:26

Instrument :

BNA_F

ClientSampleId :

SP-303-20220616

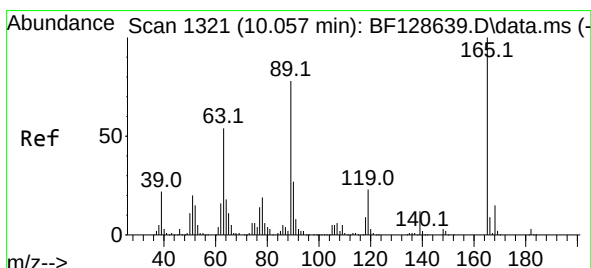
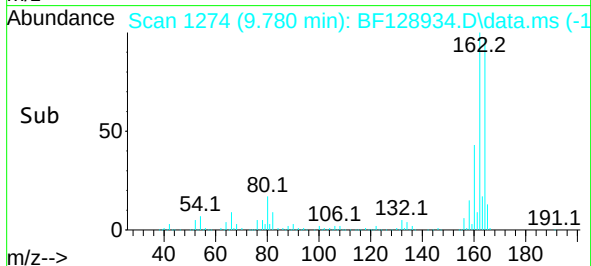
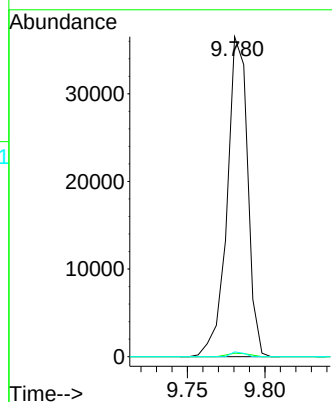
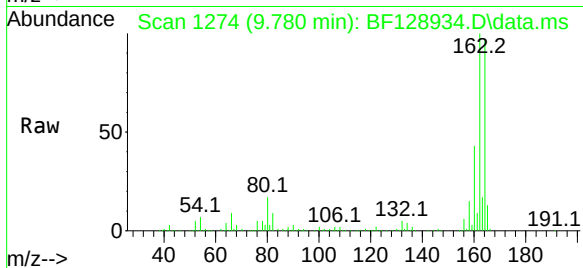
Tgt Ion:165 Resp: 33633

Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 1.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.289 ng

RT: 9.780 min Scan# 1274

Delta R.T. -0.212 min

Lab File: BF128934.D

Acq: 22 Jun 2022 16:26

Tgt Ion:165 Resp: 33633

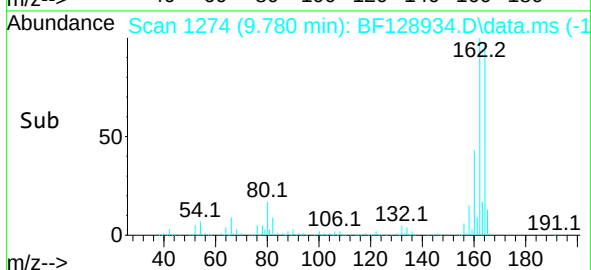
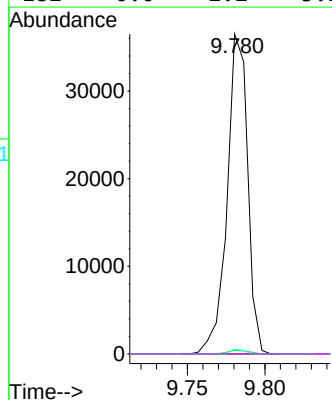
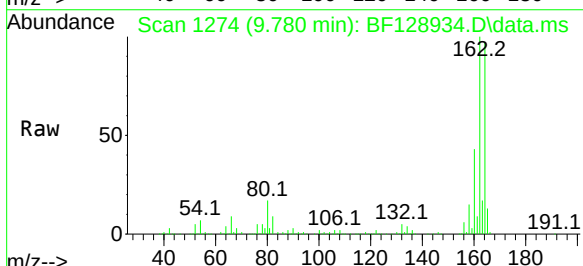
Ion Ratio Lower Upper

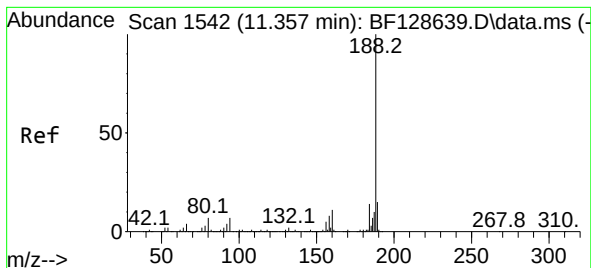
165 100

63 1.1 39.8 59.6#

89 1.5 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128934.D

Acq: 22 Jun 2022 16:26

Instrument :

BNA_F

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SP-303-20220616

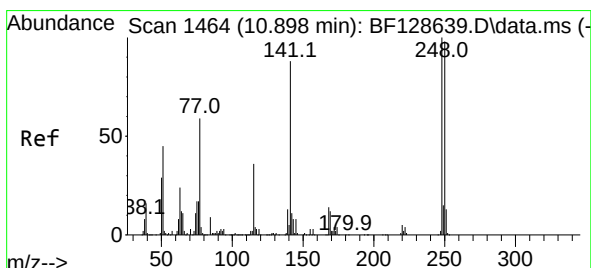
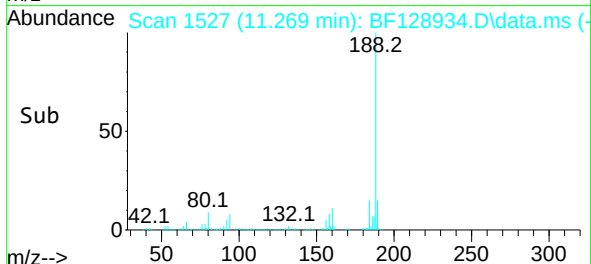
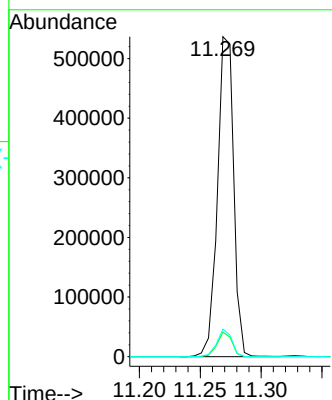
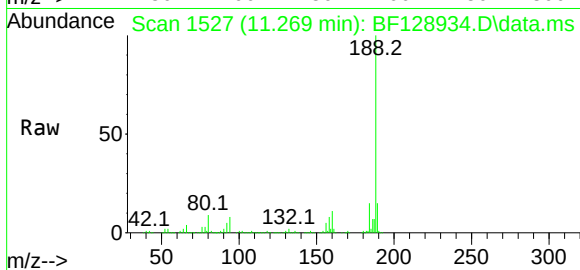
Tgt Ion:188 Resp: 498844

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

80 8.6 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.767 ng

RT: 10.580 min Scan# 1410

Delta R.T. -0.247 min

Lab File: BF128934.D

Acq: 22 Jun 2022 16:26

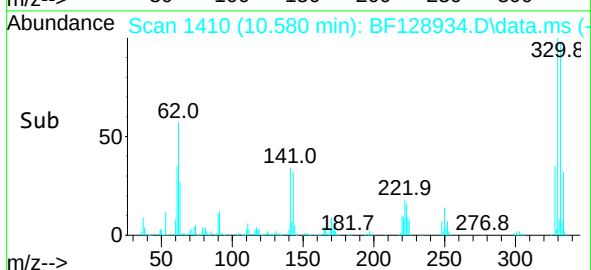
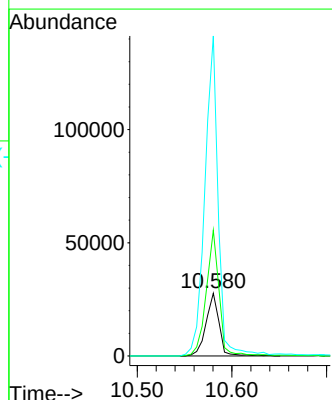
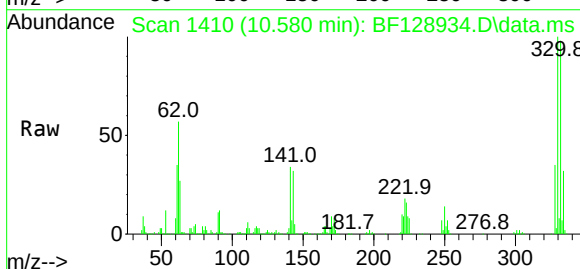
Tgt Ion:248 Resp: 26517

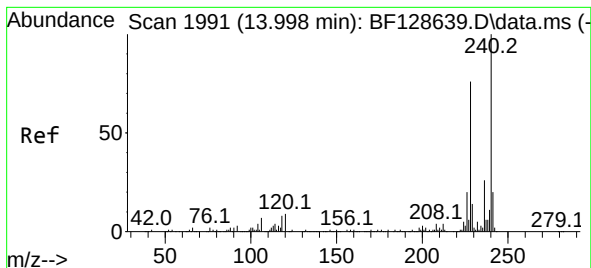
Ion Ratio Lower Upper

248 100

250 200.4 80.6 120.8#

141 509.7 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.915 min Scan# 1991

Delta R.T. -0.012 min

Lab File: BF128934.D

Acq: 22 Jun 2022 16:26

Instrument :

BNA_F

ClientSampleId :

SP-303-20220616

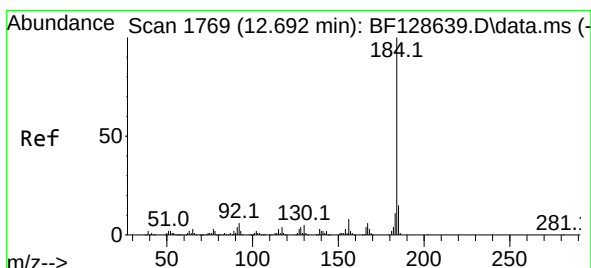
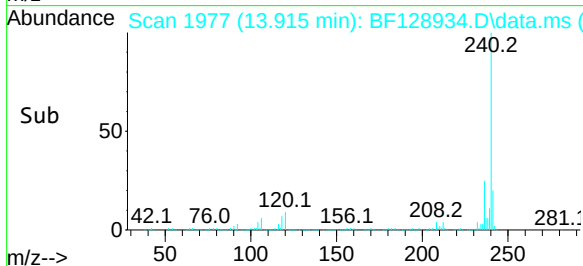
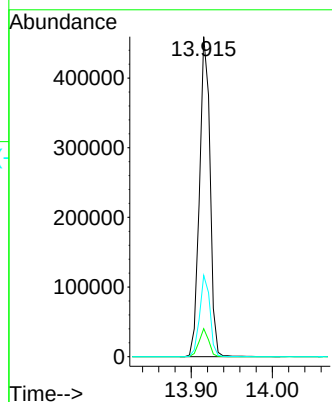
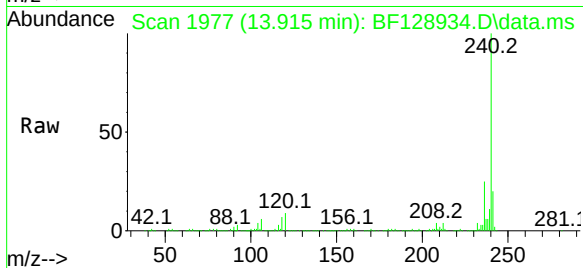
Tgt Ion:240 Resp: 415826

Ion Ratio Lower Upper

240 100

120 8.8 8.9 13.3#

236 25.4 20.8 31.2



#77

Benzidine

Concen: 3.446 ng

RT: 12.868 min Scan# 1799

Delta R.T. 0.253 min

Lab File: BF128934.D

Acq: 22 Jun 2022 16:26

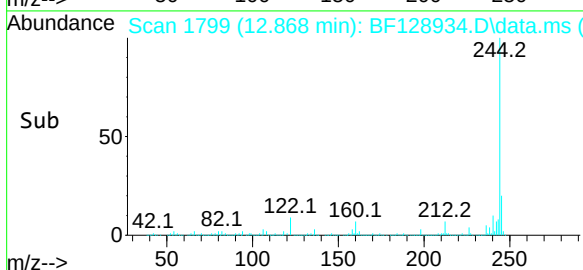
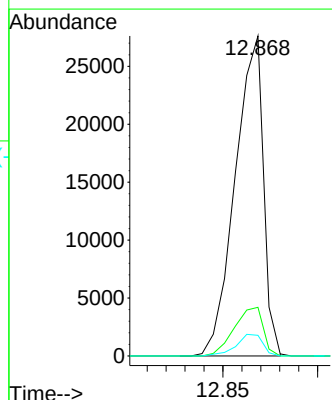
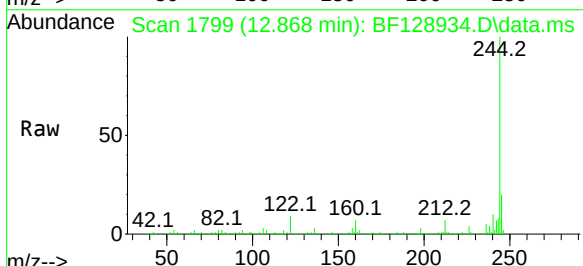
Tgt Ion:184 Resp: 28565

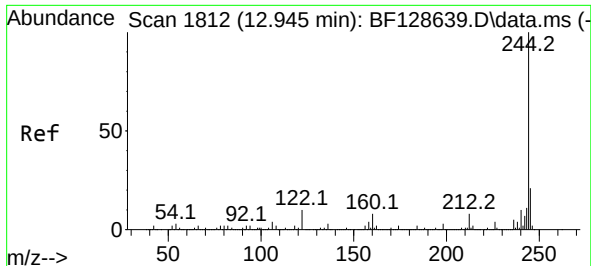
Ion Ratio Lower Upper

184 100

185 15.2 11.9 17.9

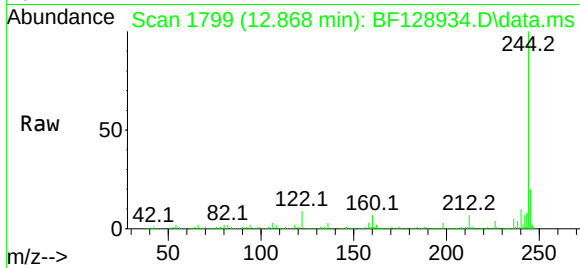
183 6.4 9.3 13.9#



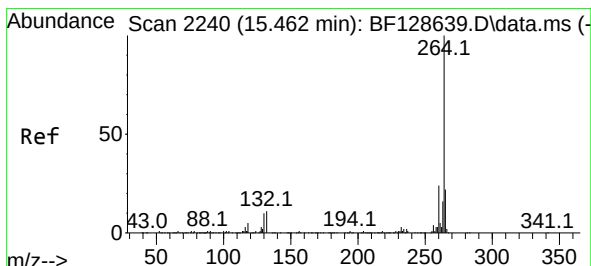
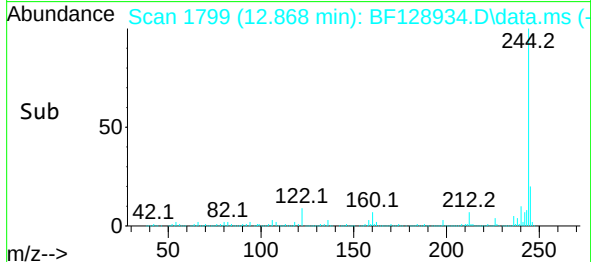
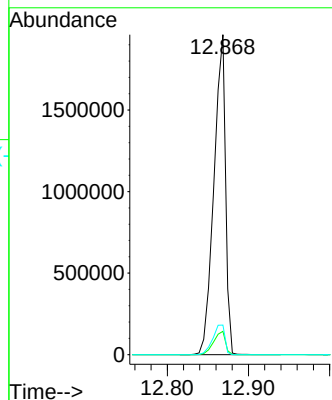


#79
 Terphenyl-d14
 Concen: 81.201 ng
 RT: 12.868 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BF128934.D
 Acq: 22 Jun 2022 16:26

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20220616



Tgt Ion:244 Resp: 1943192
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.362 min Scan# 2223
 Delta R.T. -0.000 min
 Lab File: BF128934.D
 Acq: 22 Jun 2022 16:26

Tgt Ion:264 Resp: 349667
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.4 27.6
 265 22.3 17.2 25.8

