

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128119.D
 Acq On : 06 May 2022 11:38
 Operator : CG\JU
 Sample : N2672-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 09

Quant Time: May 06 16:08:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

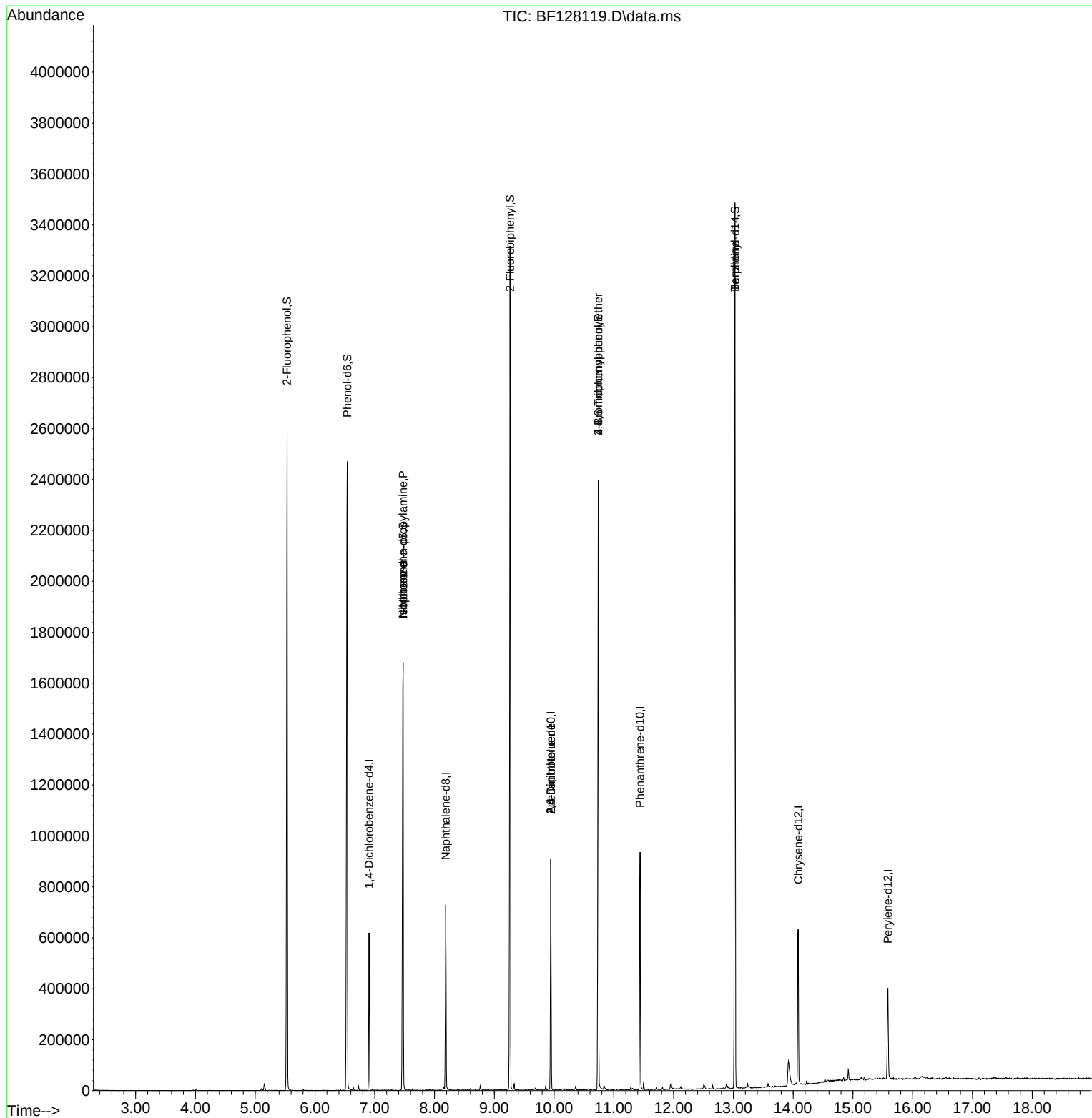
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	74495	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	288243	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	171255	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	331609	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	216172	20.000	ng	0.00
86) Perylene-d12	15.586	264	164629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	654226	139.881	ng	0.00
7) Phenol-d6	6.540	99	877689	144.624	ng	0.00
23) Nitrobenzene-d5	7.475	82	626370	102.186	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	277797	161.138	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1013035	100.073	ng	0.00
79) Terphenyl-d14	13.027	244	1188555	100.538	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	85208	22.936	ng	# 79
25) Isophorone	7.475	82	626360	60.713	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	21977	8.838	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	21977	6.672	ng	# 26
67) 4-Bromophenyl-phenylether	10.739	248	16949	4.611	ng	# 1
77) Benzydine	13.027	184	16580	4.054	ng	# 93

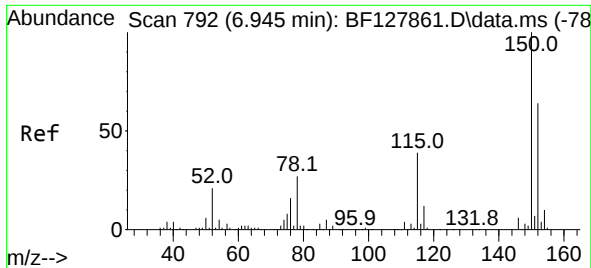
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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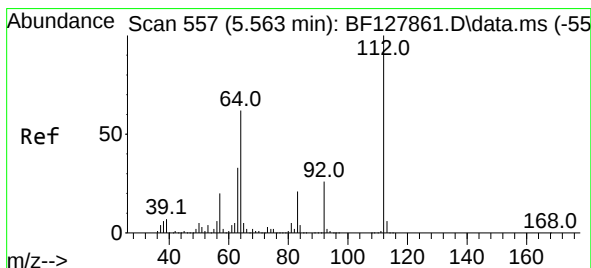
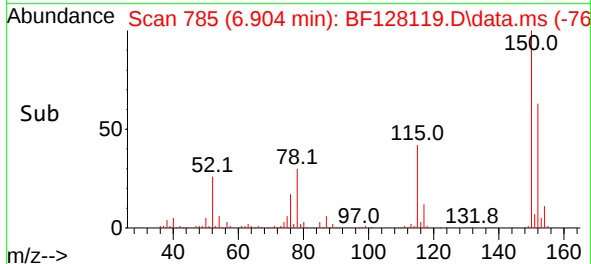
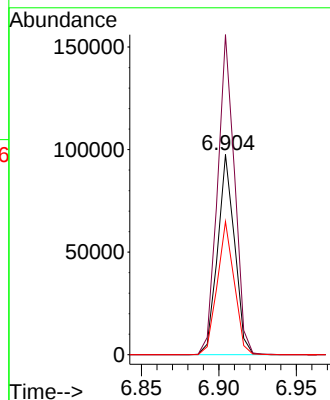
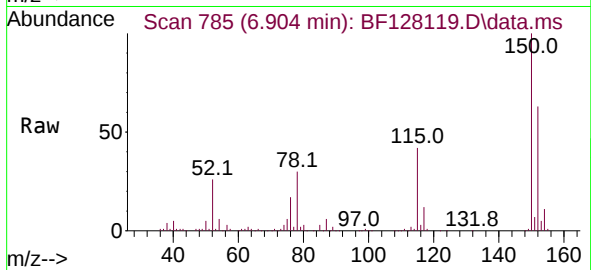




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128119.D
 Acq: 06 May 2022 11:38

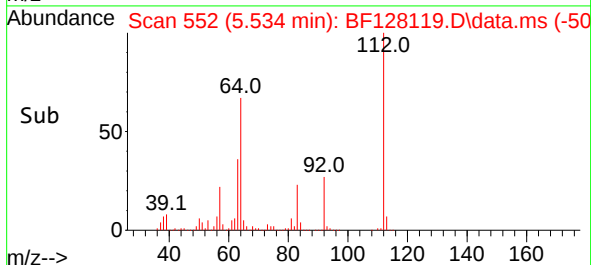
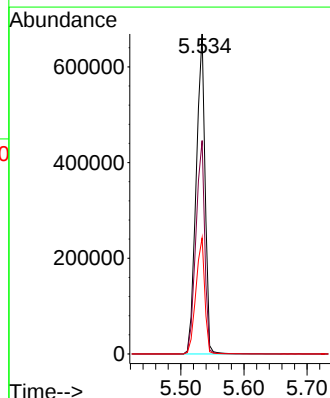
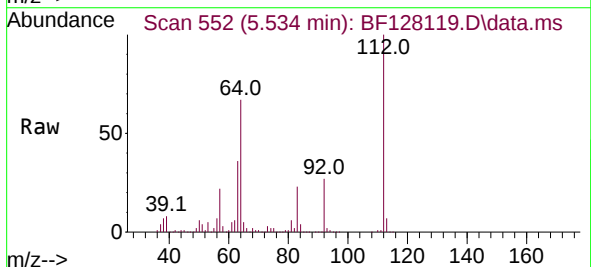
Instrument :
 BNA_F
 ClientSampleId :
 09

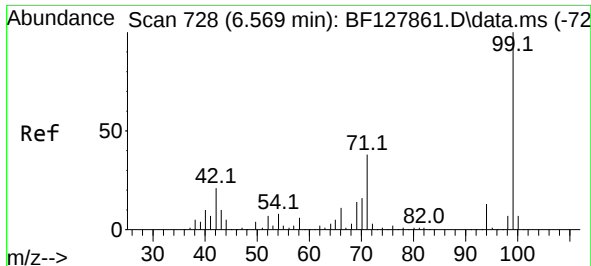
Tgt Ion:152 Resp: 74495
 Ion Ratio Lower Upper
 152 100
 150 159.8 125.3 187.9
 115 66.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 139.881 ng
 RT: 5.534 min Scan# 552
 Delta R.T. 0.000 min
 Lab File: BF128119.D
 Acq: 06 May 2022 11:38

Tgt Ion:112 Resp: 654226
 Ion Ratio Lower Upper
 112 100
 64 66.7 49.5 74.3
 63 36.3 26.3 39.5

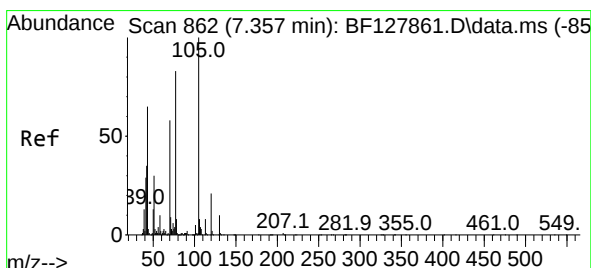
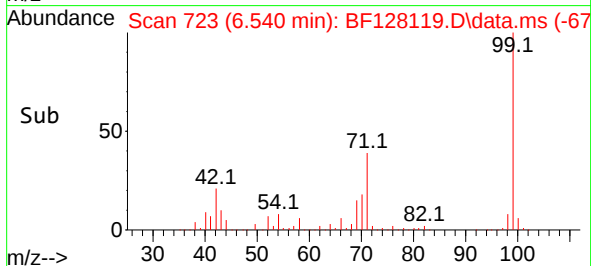
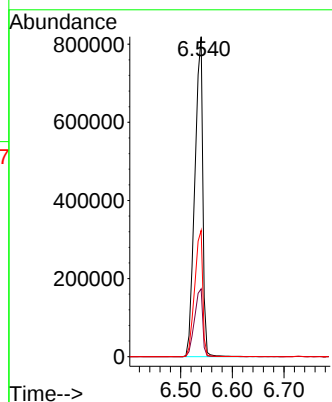
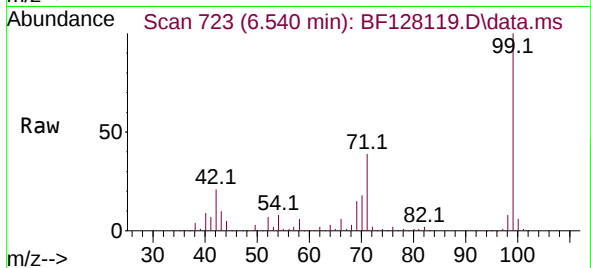




#7
Phenol-d6
Concen: 144.624 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

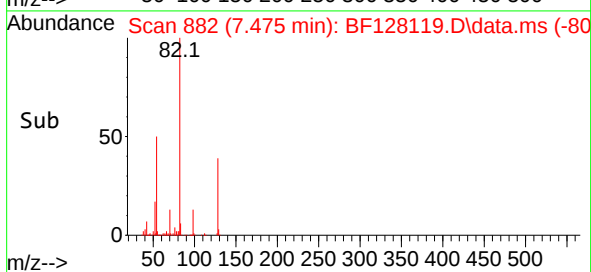
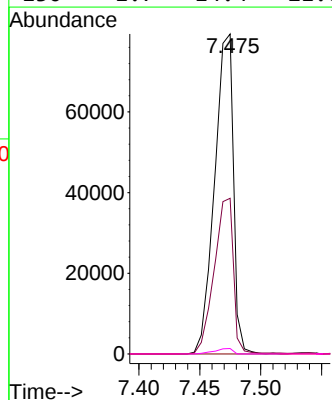
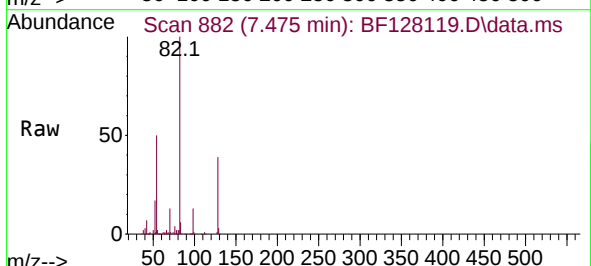
Instrument :
BNA_F
ClientSampleId :
09

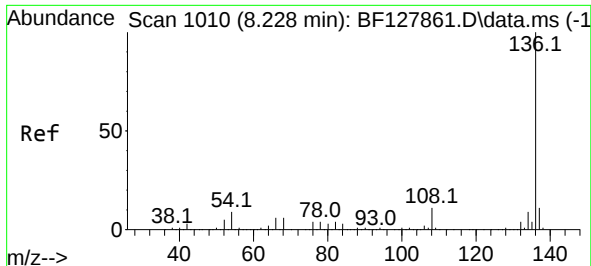
Tgt Ion: 99 Resp: 877689
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 39.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.936 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.147 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion: 70 Resp: 85208
Ion Ratio Lower Upper
70 100
42 48.6 48.7 73.1#
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

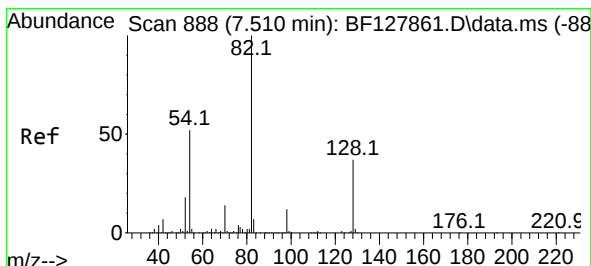
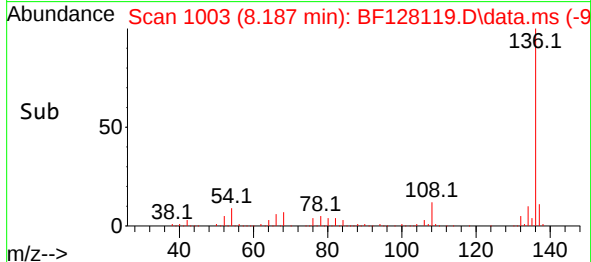
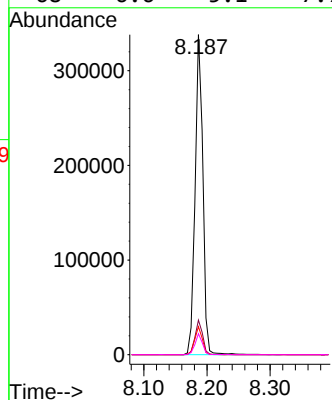
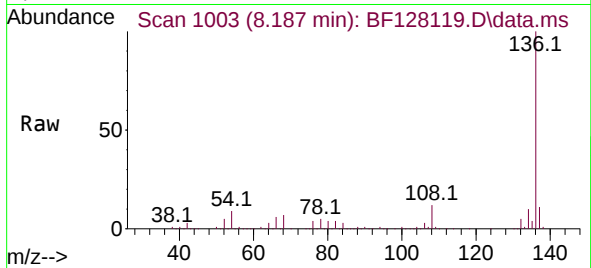




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

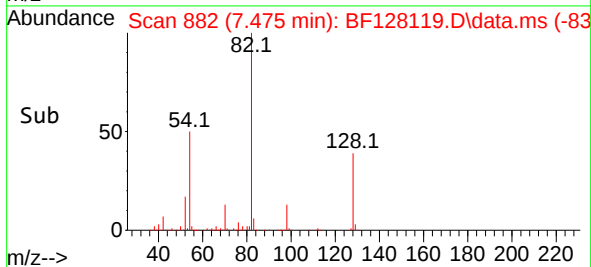
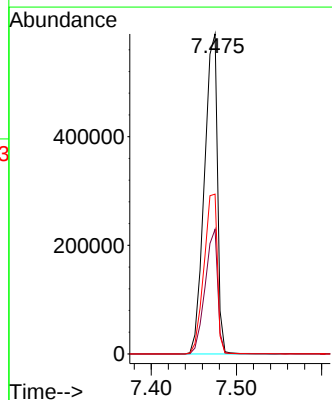
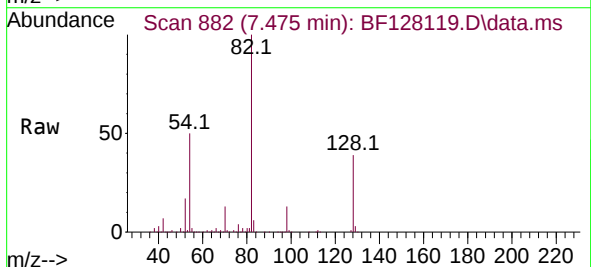
Instrument :
BNA_F
ClientSampleId :
09

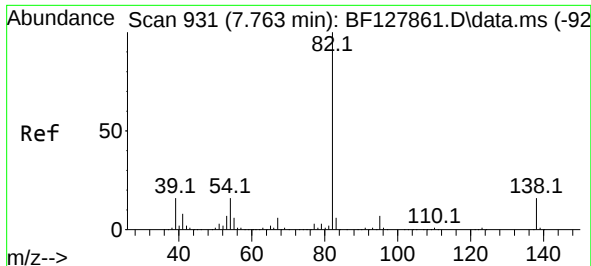
Tgt Ion:	136	Resp:	288243
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	8.8	6.8	10.2
68	6.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 102.186 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion:	82	Resp:	626370
Ion Ratio	Lower	Upper	
82	100		
128	39.0	30.0	45.0
54	49.9	41.3	61.9

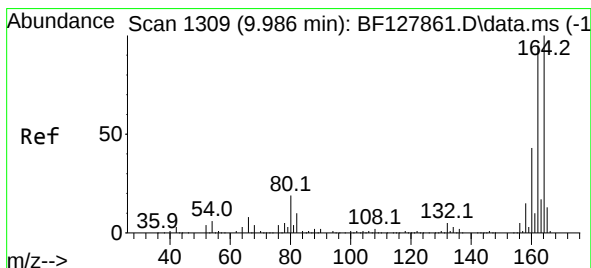
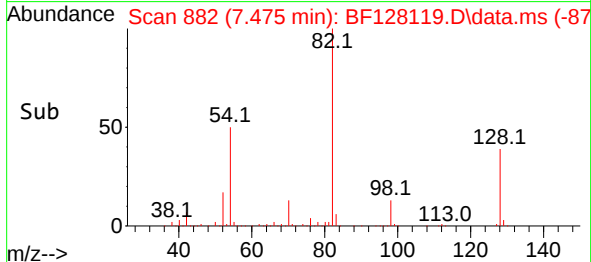
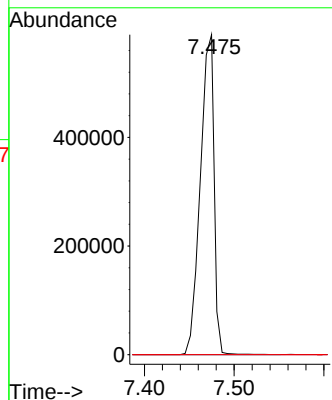
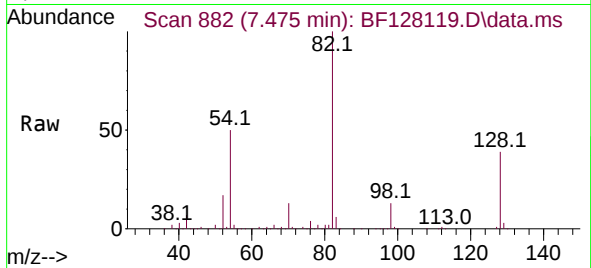




#25
Isophorone
Concen: 60.713 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

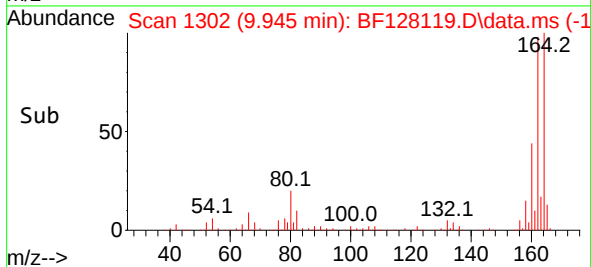
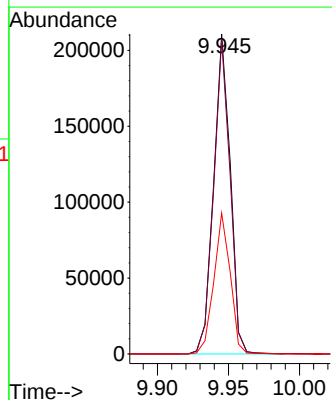
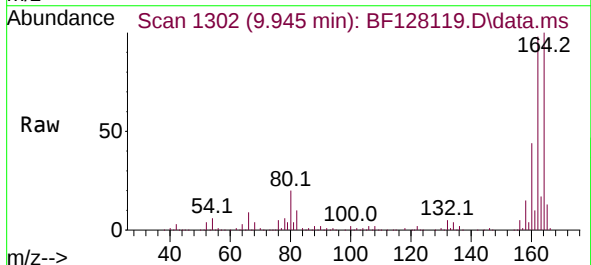
Instrument :
BNA_F
ClientSampleId :
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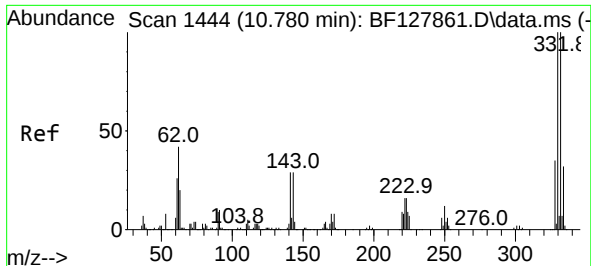
Tgt Ion: 82 Resp: 626360
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion: 164 Resp: 171255
Ion Ratio Lower Upper
164 100
162 98.4 76.0 114.0
160 44.1 34.8 52.2

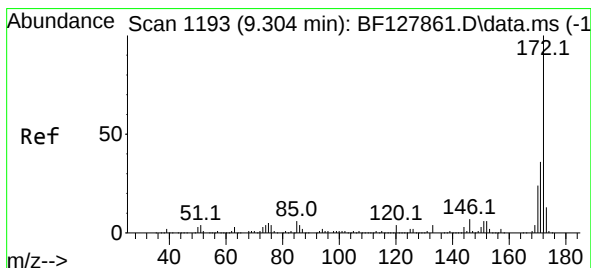
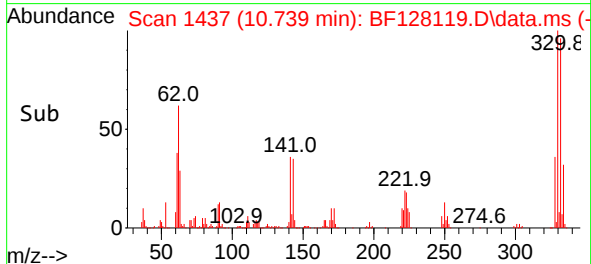
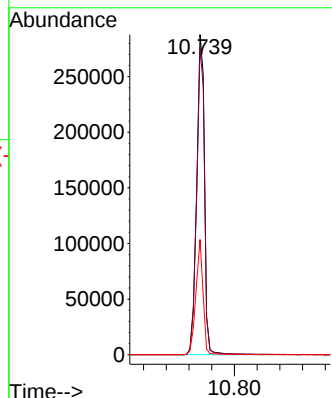
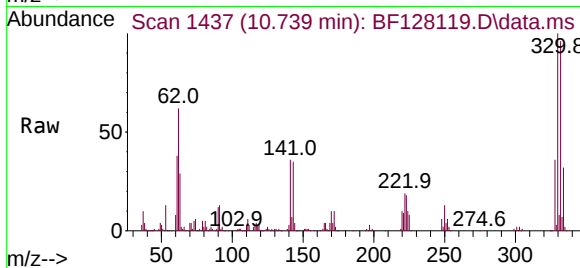




#42
2,4,6-Tribromophenol
Concen: 161.138 ng
RT: 10.739 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

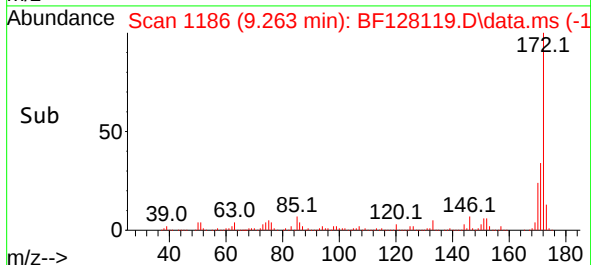
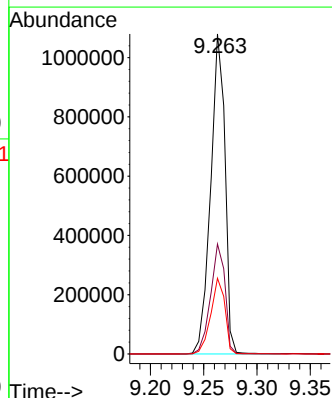
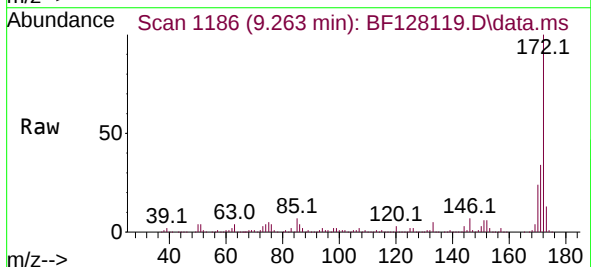
Instrument :
BNA_F
ClientSampleId :
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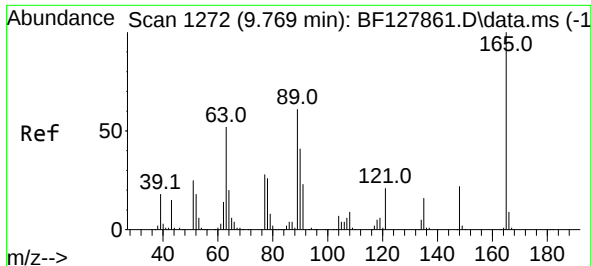
Tgt Ion:330 Resp: 277797
Ion Ratio Lower Upper
330 100
332 95.7 79.0 118.4
141 33.0 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 100.073 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion:172 Resp: 1013035
Ion Ratio Lower Upper
172 100
171 34.4 28.6 42.8
170 23.7 19.1 28.7

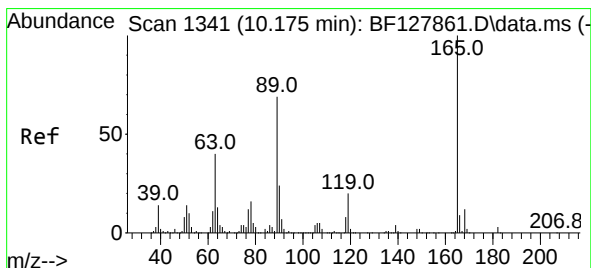
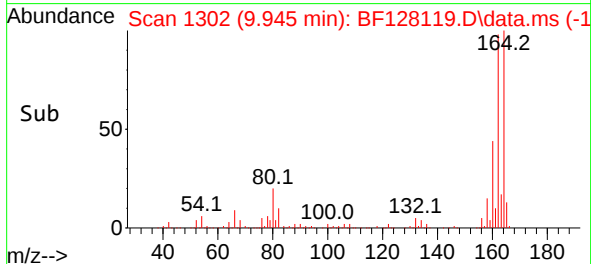
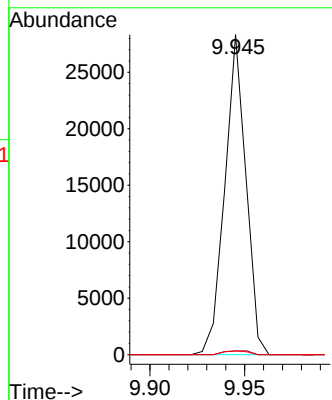
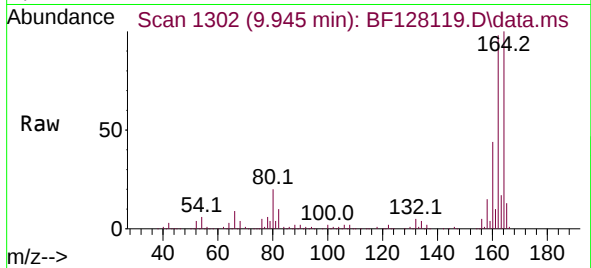




#51
2,6-Dinitrotoluene
Concen: 8.838 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

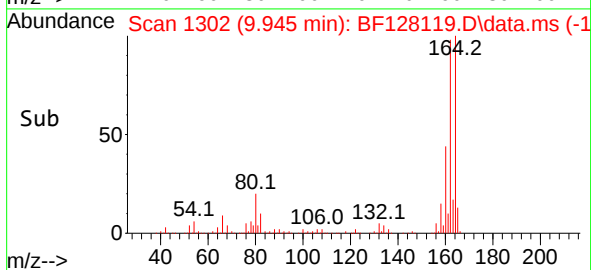
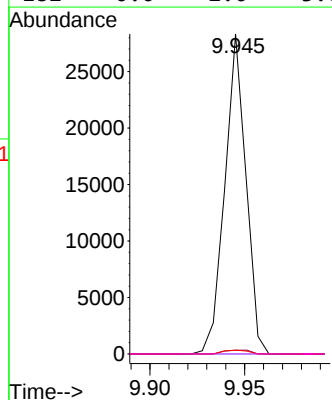
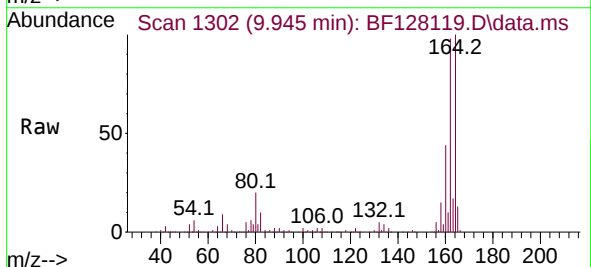
Instrument :
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ClientSampleId :
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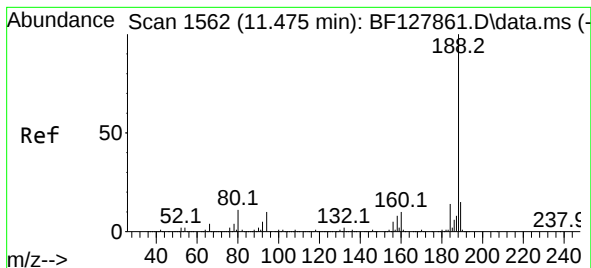
Tgt Ion:165 Resp: 21977
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.672 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion:165 Resp: 21977
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128119.D

Acq: 06 May 2022 11:38

Instrument :

BNA_F

ClientSampleId :

09

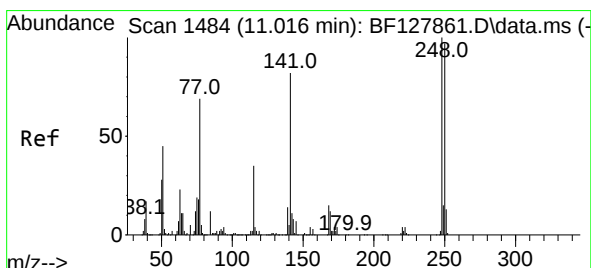
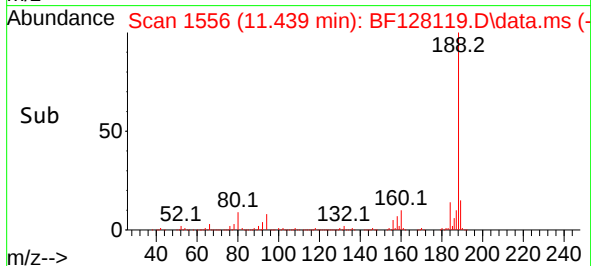
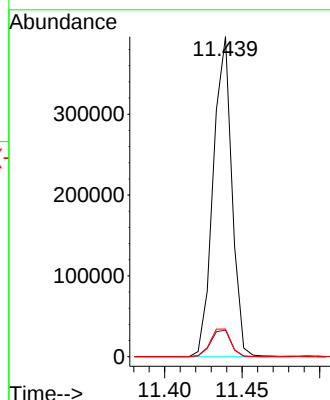
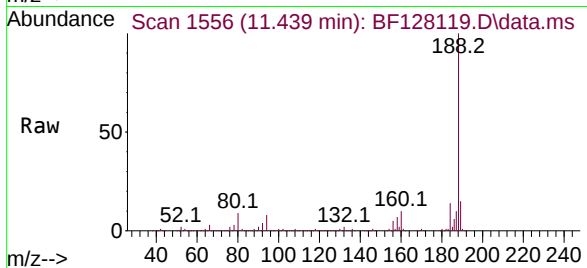
Tgt Ion:188 Resp: 331609

Ion Ratio Lower Upper

188 100

94 8.3 8.0 12.0

80 8.6 8.9 13.3#



#67

4-Bromophenyl-phenylether

Concen: 4.611 ng

RT: 10.739 min Scan# 1437

Delta R.T. -0.247 min

Lab File: BF128119.D

Acq: 06 May 2022 11:38

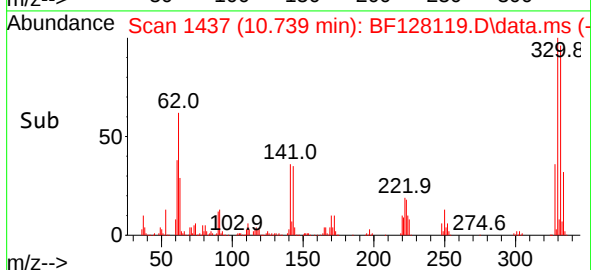
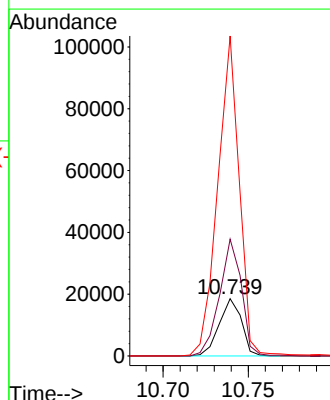
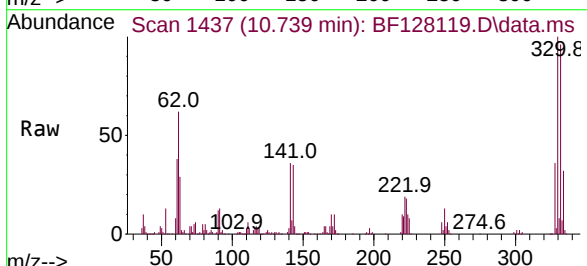
Tgt Ion:248 Resp: 16949

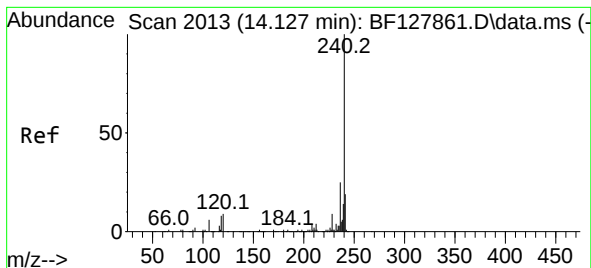
Ion Ratio Lower Upper

248 100

250 204.2 77.7 116.5#

141 559.1 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF128119.D

Acq: 06 May 2022 11:38

Instrument :

BNA_F

ClientSampleId :

09

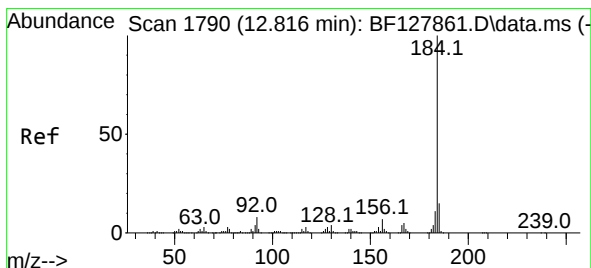
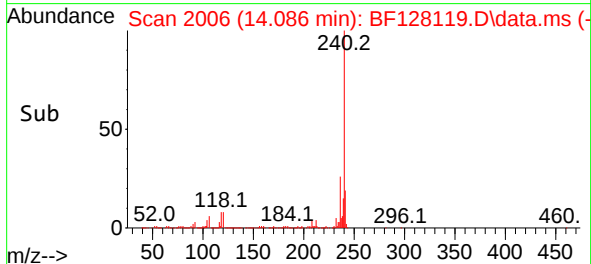
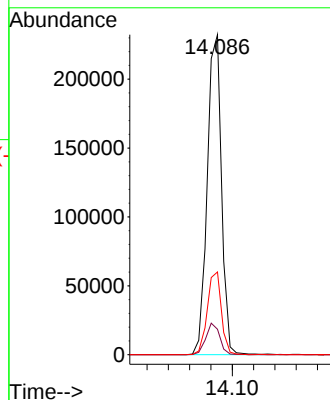
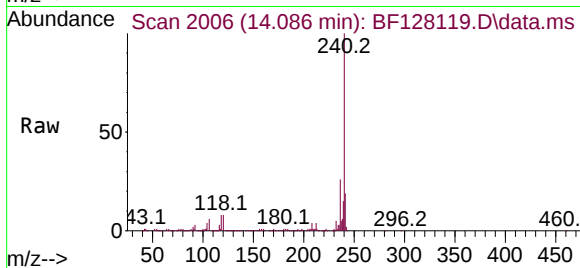
Tgt Ion:240 Resp: 216172

Ion Ratio Lower Upper

240 100

120 7.9 7.0 10.6

236 25.9 20.3 30.5



#77

Benzidine

Concen: 4.054 ng

RT: 13.027 min Scan# 1826

Delta R.T. 0.247 min

Lab File: BF128119.D

Acq: 06 May 2022 11:38

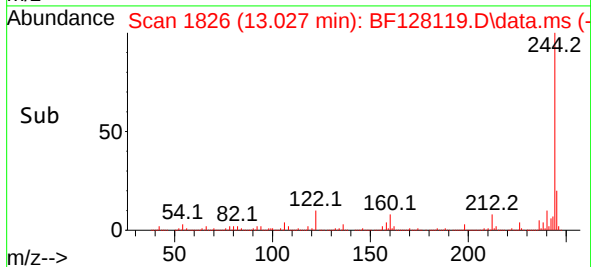
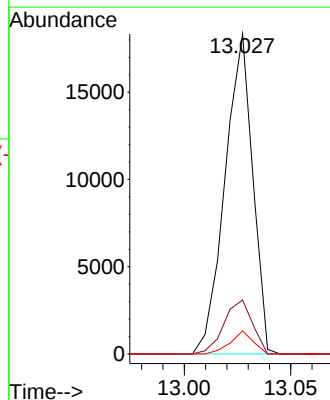
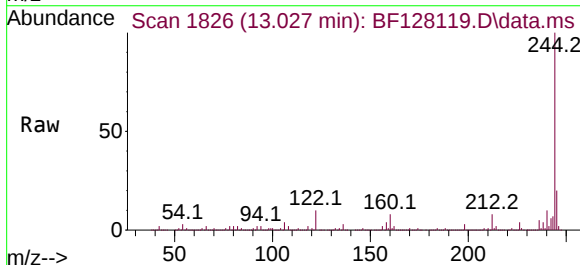
Tgt Ion:184 Resp: 16580

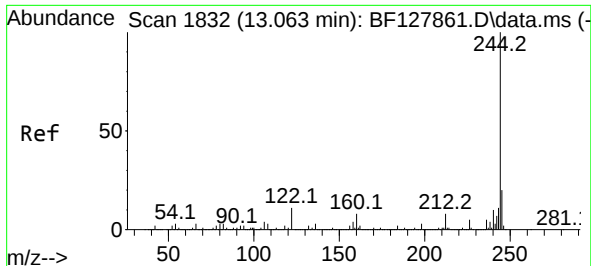
Ion Ratio Lower Upper

184 100

185 16.9 12.1 18.1

183 7.2 9.0 13.4#

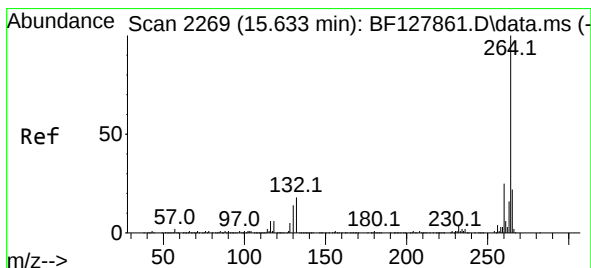
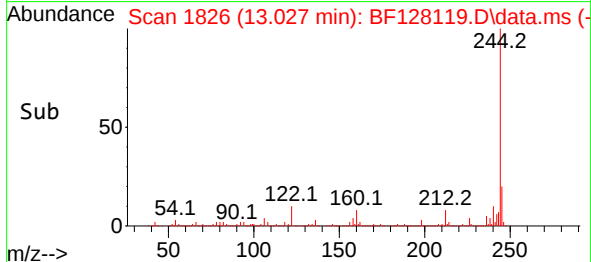
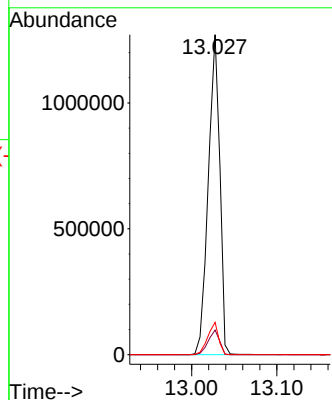
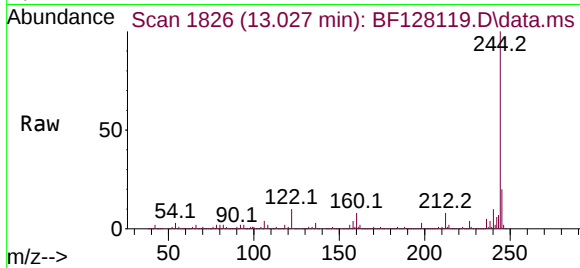




#79
 Terphenyl-d14
 Concen: 100.538 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF128119.D
 Acq: 06 May 2022 11:38

Instrument :
 BNA_F
 ClientSampleId :
 09

Tgt Ion:244 Resp: 1188555
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.1 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF128119.D
 Acq: 06 May 2022 11:38

Tgt Ion:264 Resp: 164629
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 20.3 17.5 26.3

