

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128128.D
 Acq On : 06 May 2022 17:03
 Operator : CG\JU
 Sample : N2712-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: May 06 17:50:01 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)

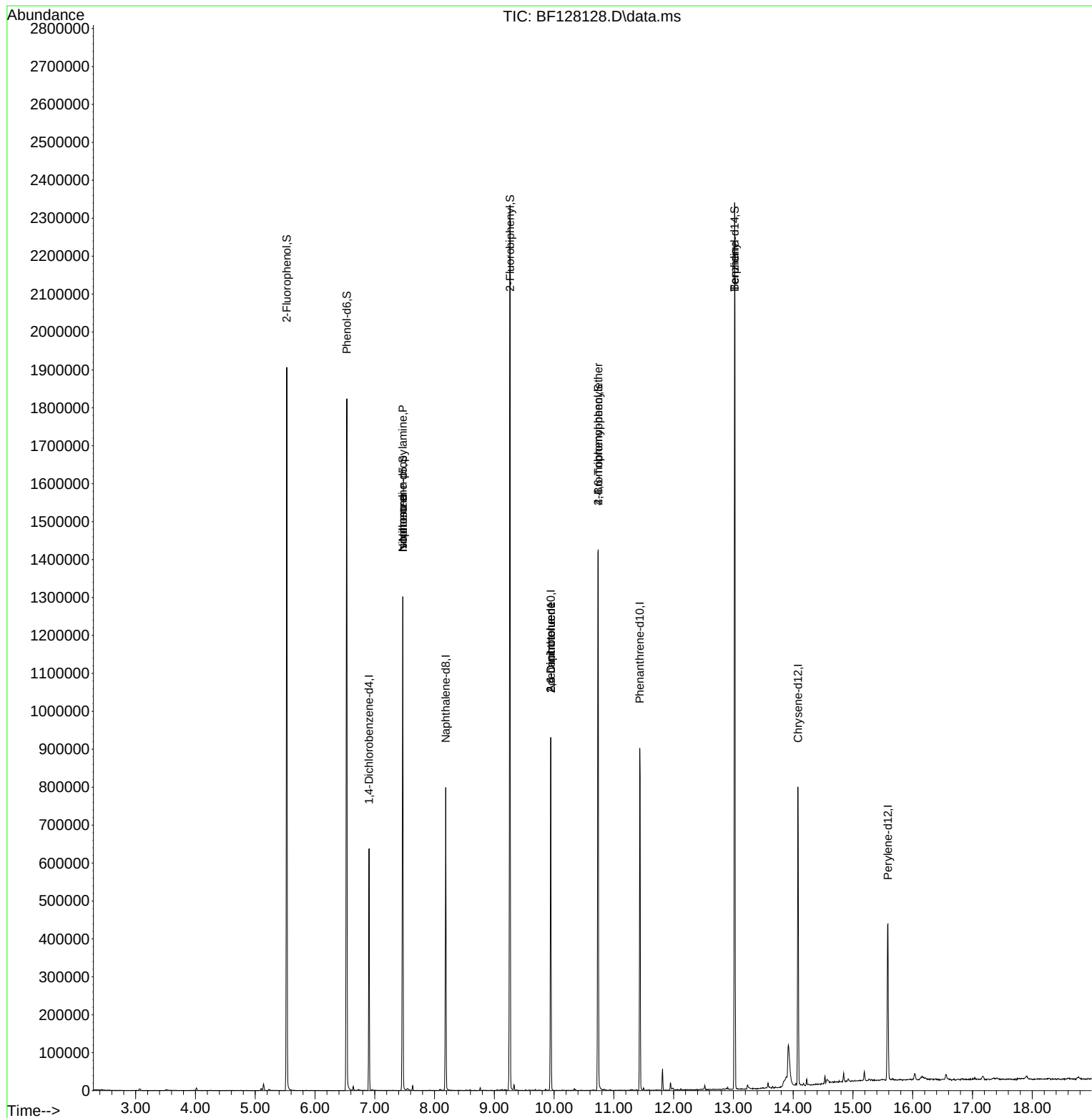
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	80598	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	307481	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	179571	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	341290	20.000	ng	-0.01
76) Chrysene-d12	14.080	240	269614	20.000	ng	-0.01
86) Perylene-d12	15.586	264	192890	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	452995	89.521	ng	0.00
7) Phenol-d6	6.534	99	602353	91.739	ng	-0.01
23) Nitrobenzene-d5	7.469	82	416577	63.709	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	180783	100.008	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	680411	64.102	ng	0.00
79) Terphenyl-d14	13.021	244	833246	56.512	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	55854	13.896	ng	# 79
25) Isophorone	7.469	82	415280	37.735	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	23089	8.855	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	23089	6.685	ng	# 26
67) 4-Bromophenyl-phenylether	10.739	248	11279	2.981	ng	# 1
77) Benzidine	13.021	184	11538	2.262	ng	# 89

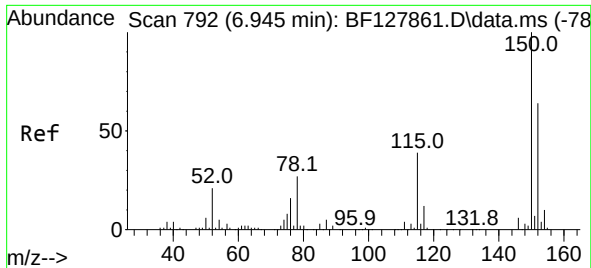
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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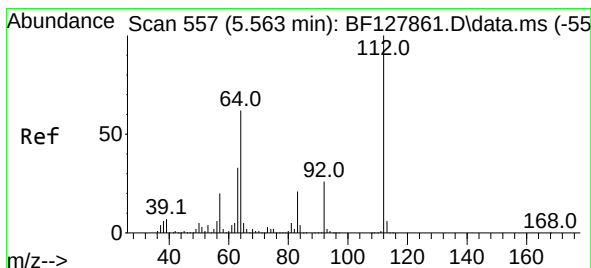
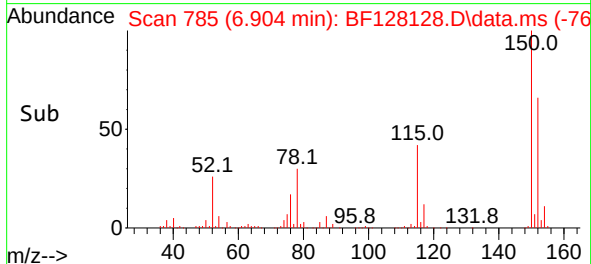
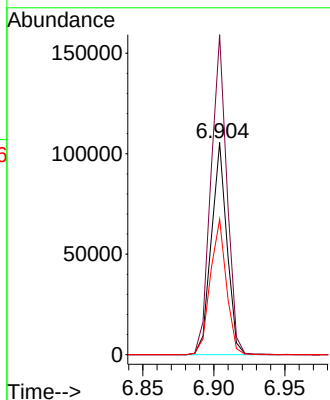
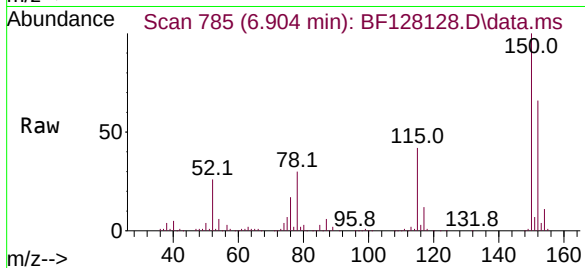




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128128.D
 Acq: 06 May 2022 17:03

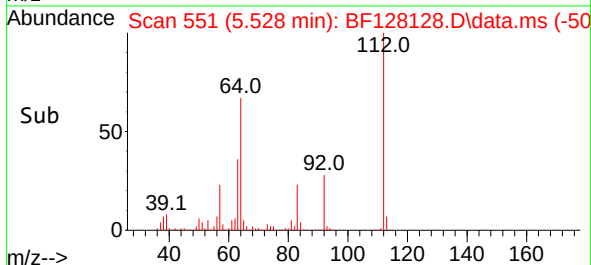
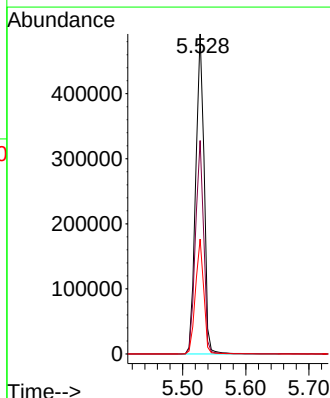
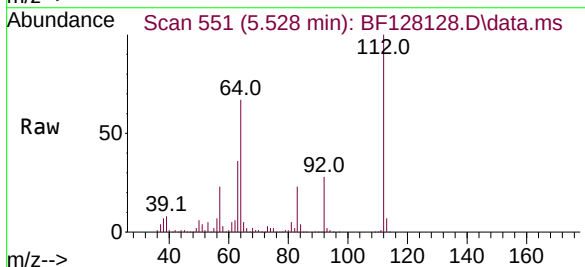
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

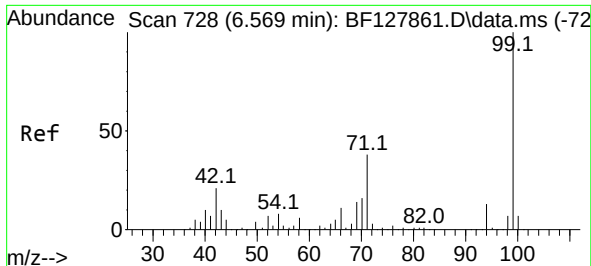
Tgt Ion:152 Resp: 80598
 Ion Ratio Lower Upper
 152 100
 150 150.8 125.3 187.9
 115 63.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 89.521 ng
 RT: 5.528 min Scan# 551
 Delta R.T. -0.006 min
 Lab File: BF128128.D
 Acq: 06 May 2022 17:03

Tgt Ion:112 Resp: 452995
 Ion Ratio Lower Upper
 112 100
 64 66.7 49.5 74.3
 63 35.9 26.3 39.5

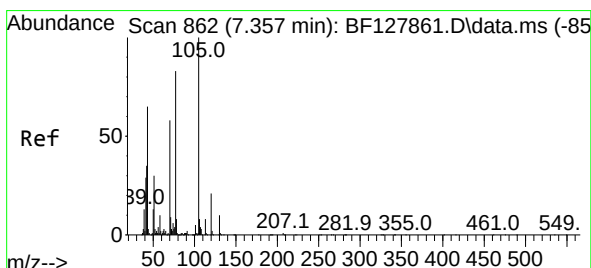
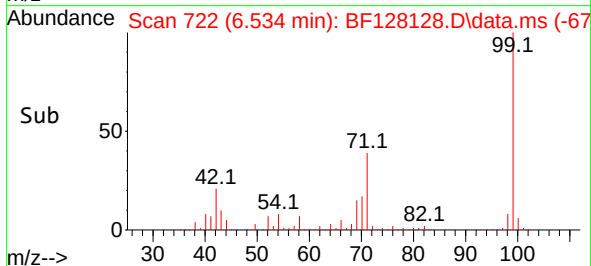
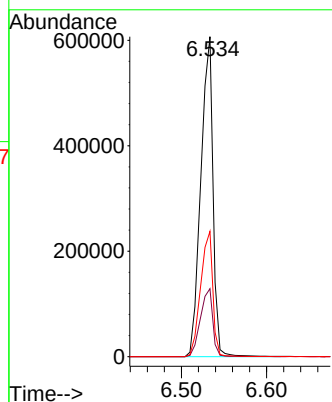
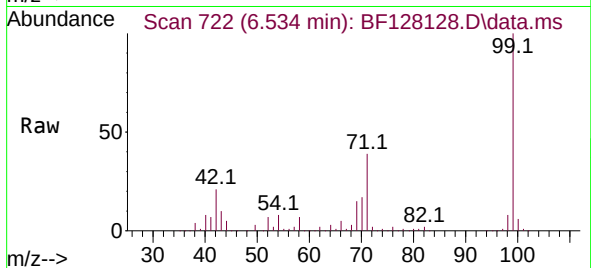




#7
Phenol-d6
Concen: 91.739 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128128.D
Acq: 06 May 2022 17:03

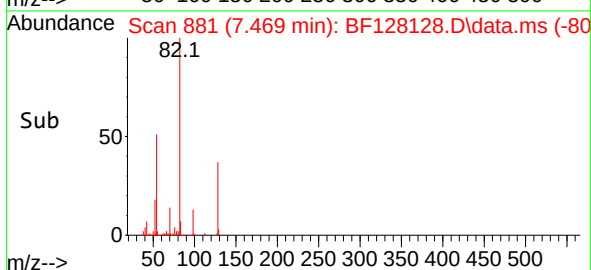
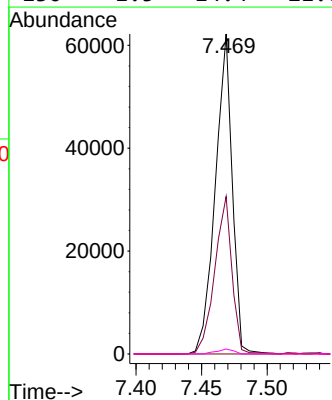
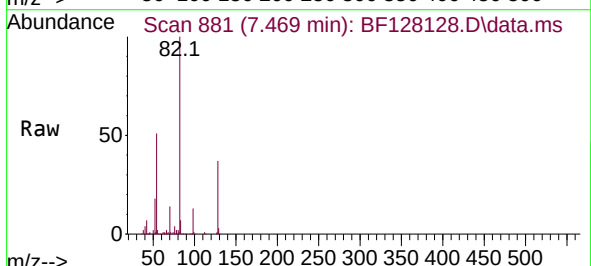
Instrument :
BNA_F
ClientSampleId :
TP-1

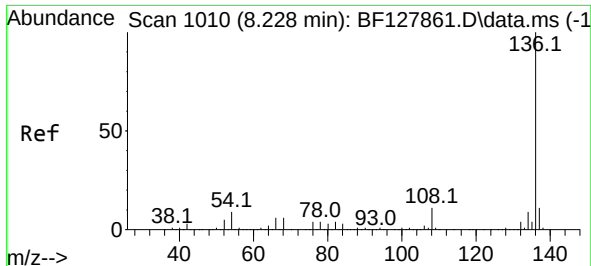
Tgt Ion: 99 Resp: 602353
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 39.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.896 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128128.D
Acq: 06 May 2022 17:03

Tgt Ion: 70 Resp: 55854
Ion Ratio Lower Upper
70 100
42 49.2 48.7 73.1
101 0.0 7.2 10.8#
130 1.5 14.4 21.6#

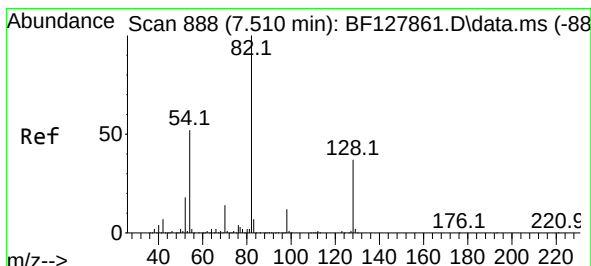
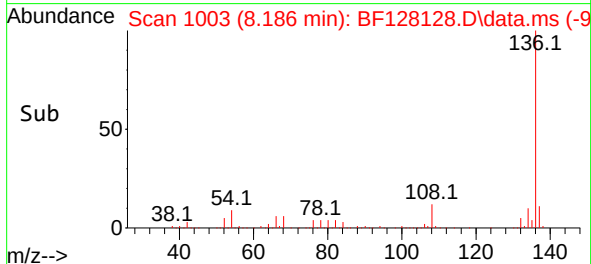
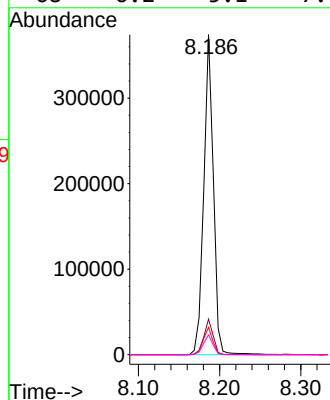
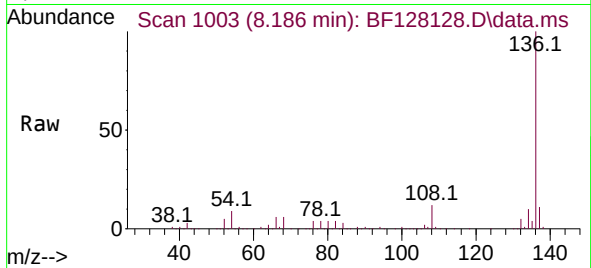




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128128.D
Acq: 06 May 2022 17:03

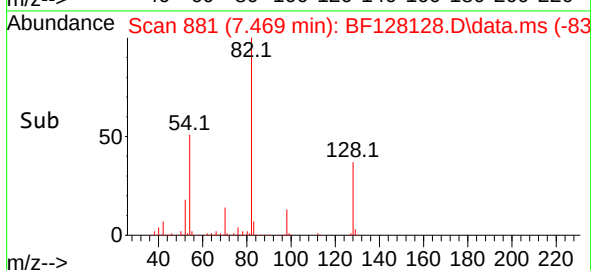
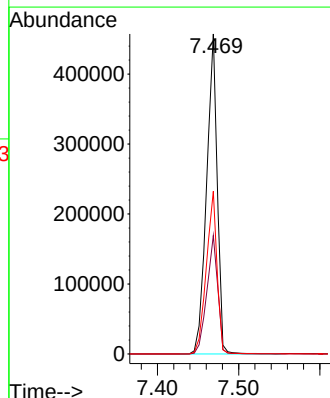
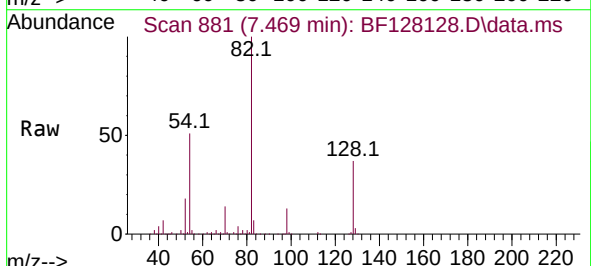
Instrument :
BNA_F
ClientSampleId :
TP-1

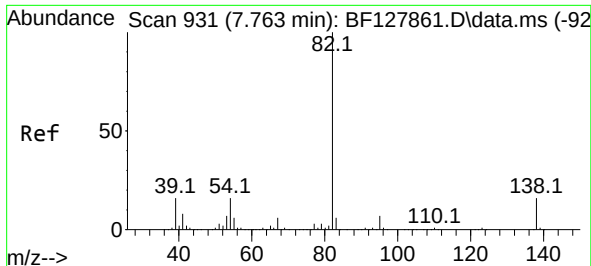
Tgt Ion:136	Resp: 307481
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 8.6	6.8 10.2
68 6.2	5.1 7.7



#23
Nitrobenzene-d5
Concen: 63.709 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128128.D
Acq: 06 May 2022 17:03

Tgt Ion: 82	Resp: 416577
Ion Ratio	Lower Upper
82 100	
128 37.0	30.0 45.0
54 50.9	41.3 61.9

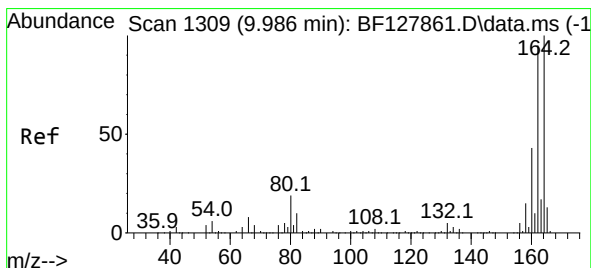
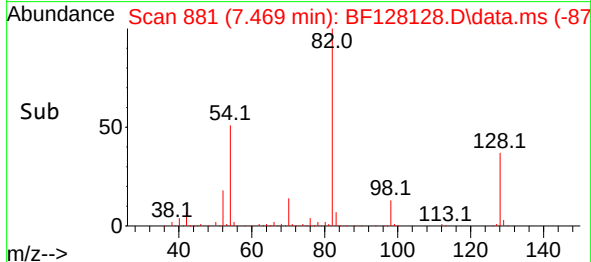
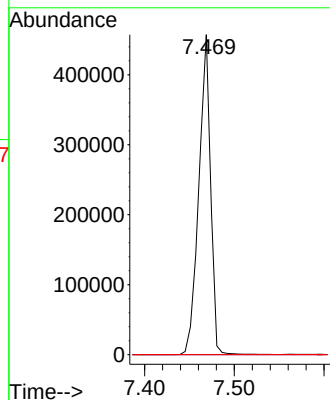
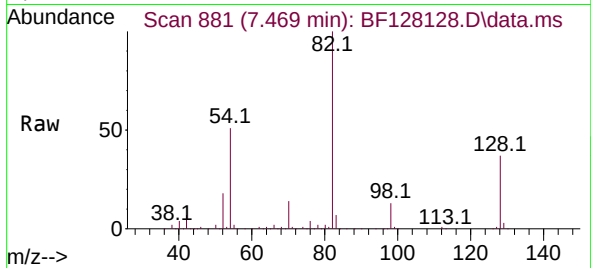




#25
Isophorone
Concen: 37.735 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128128.D
Acq: 06 May 2022 17:03

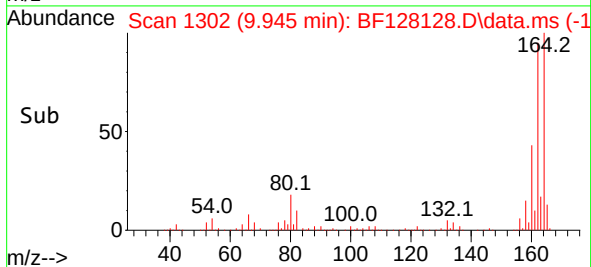
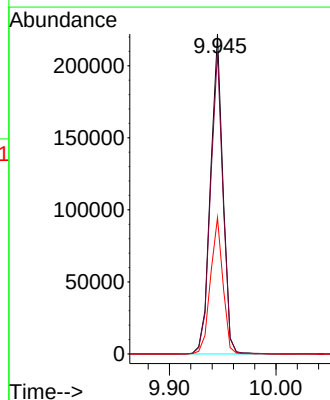
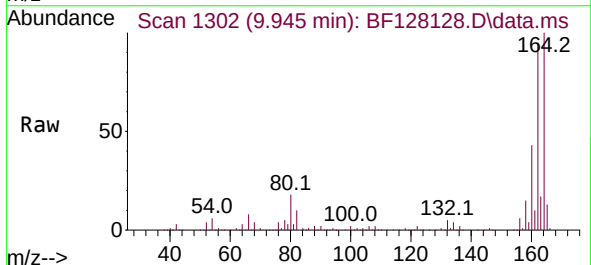
Instrument :
BNA_F
ClientSampleId :
TP-1

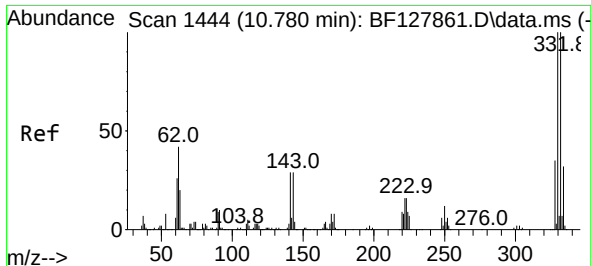
Tgt Ion: 82 Resp: 415280
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128128.D
Acq: 06 May 2022 17:03

Tgt Ion: 164 Resp: 179571
Ion Ratio Lower Upper
164 100
162 94.6 76.0 114.0
160 42.6 34.8 52.2

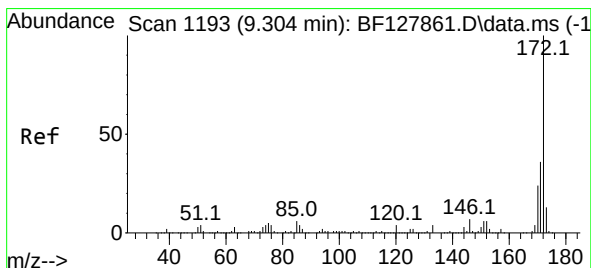
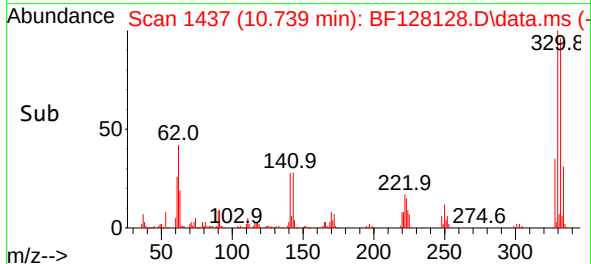
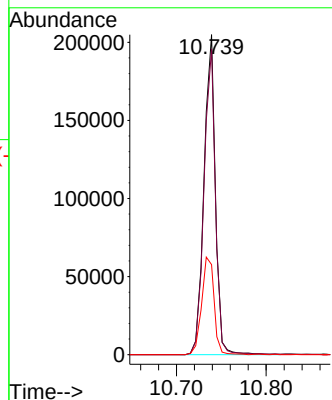
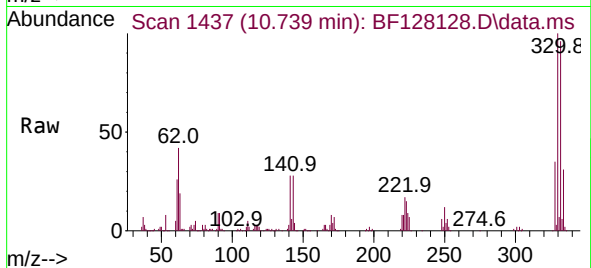




#42
2,4,6-Tribromophenol
Concen: 100.008 ng
RT: 10.739 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128128.D
Acq: 06 May 2022 17:03

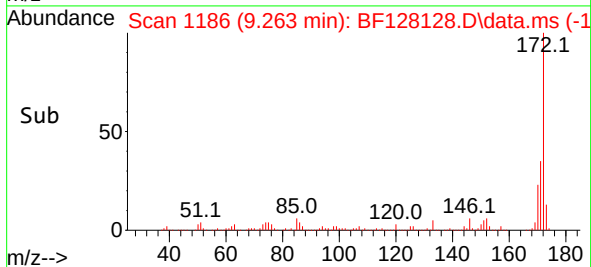
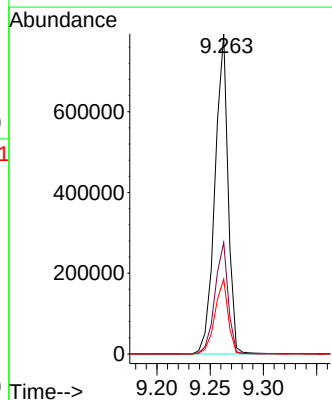
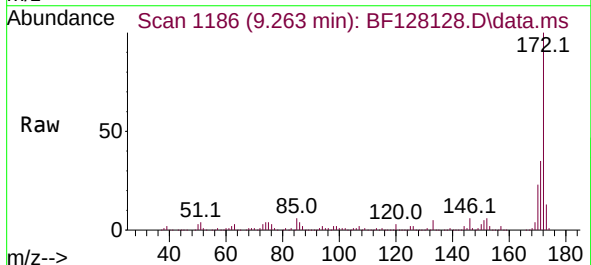
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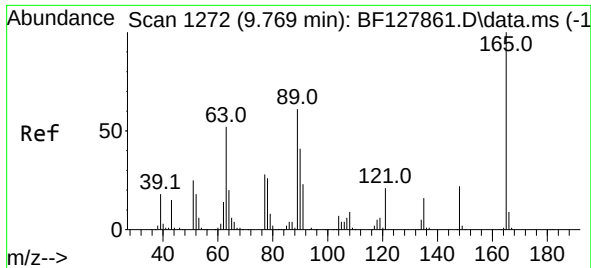
Tgt Ion:330 Resp: 180783
Ion Ratio Lower Upper
330 100
332 96.4 79.0 118.4
141 33.2 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 64.102 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF128128.D
Acq: 06 May 2022 17:03

Tgt Ion:172 Resp: 680411
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.4 19.1 28.7

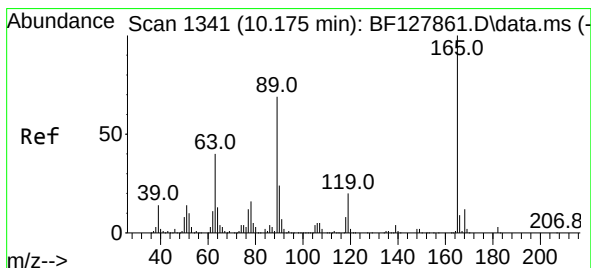
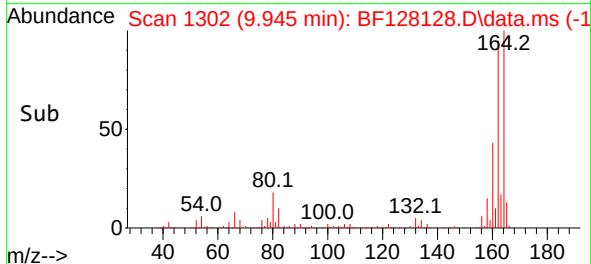
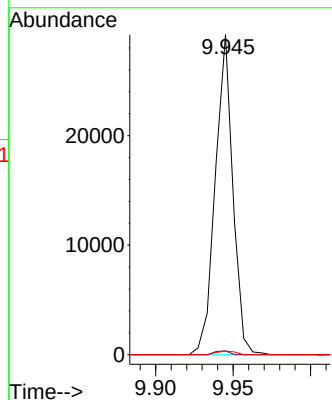
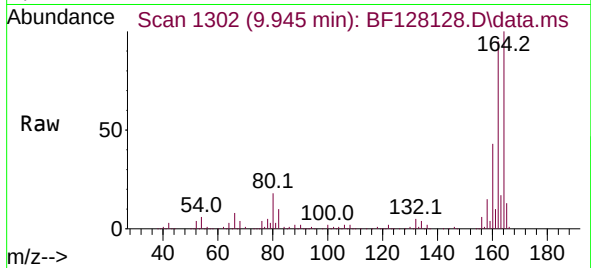




#51
2,6-Dinitrotoluene
Concen: 8.855 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128128.D
Acq: 06 May 2022 17:03

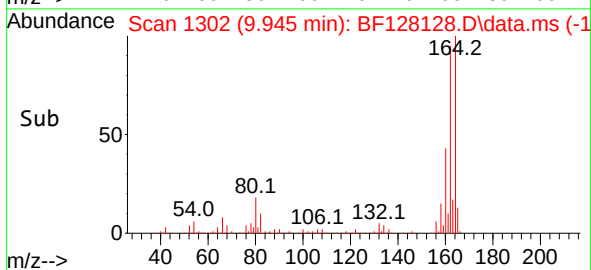
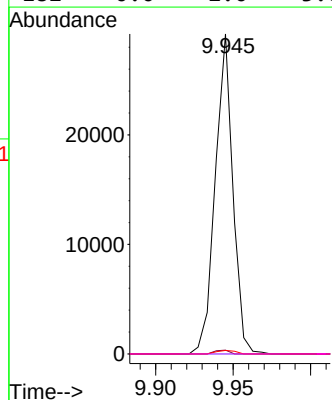
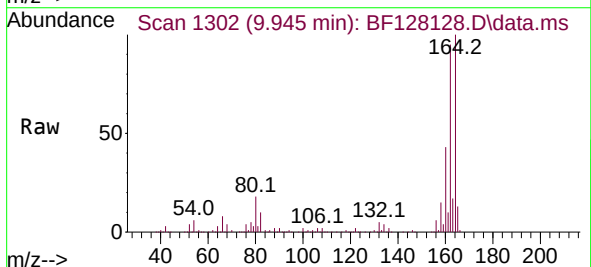
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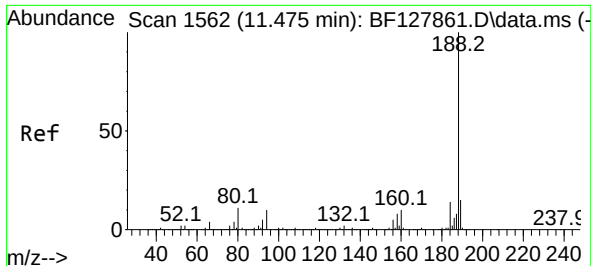
Tgt Ion:165 Resp: 23089
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.685 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128128.D
Acq: 06 May 2022 17:03

Tgt Ion:165 Resp: 23089
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#

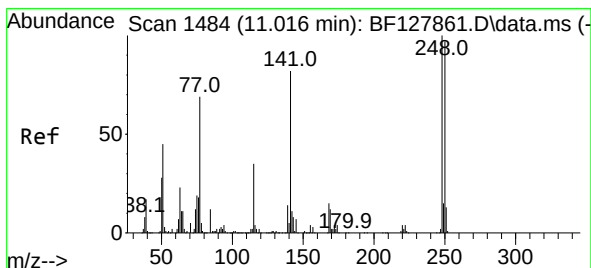
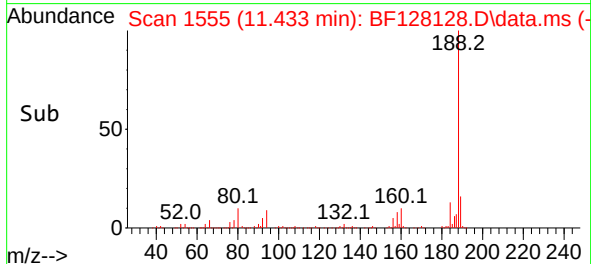
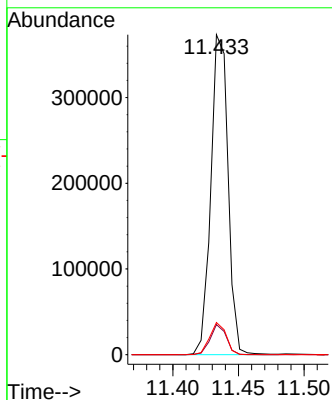
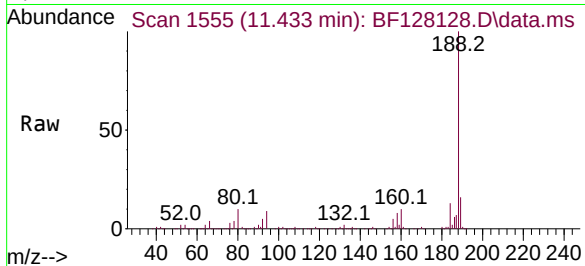




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128128.D
Acq: 06 May 2022 17:03

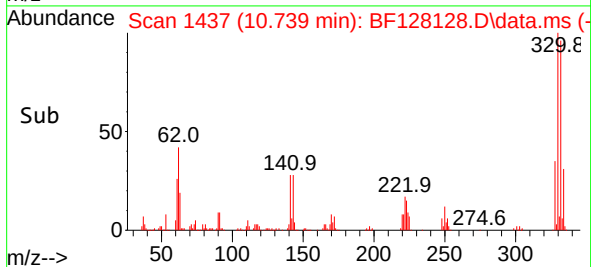
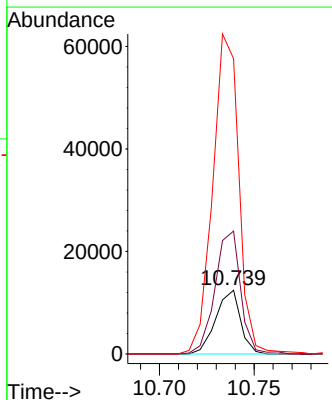
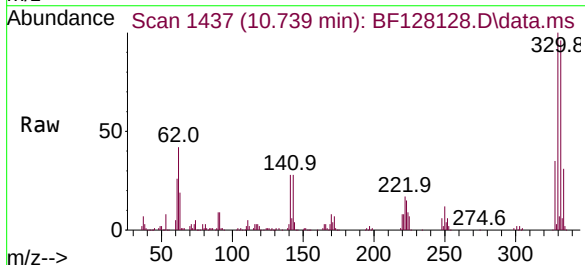
Instrument :
BNA_F
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TP-1

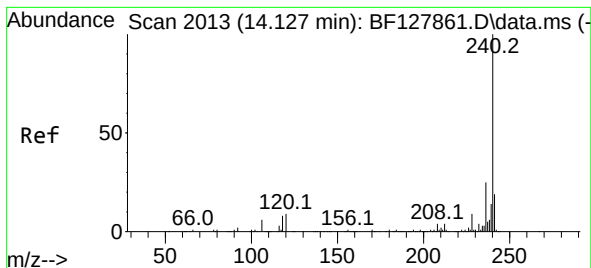
Tgt Ion:188 Resp: 341290
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.1 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.981 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF128128.D
Acq: 06 May 2022 17:03

Tgt Ion:248 Resp: 11279
Ion Ratio Lower Upper
248 100
250 193.2 77.7 116.5#
141 464.4 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF128128.D

Acq: 06 May 2022 17:03

Instrument :

BNA_F

ClientSampleId :

TP-1

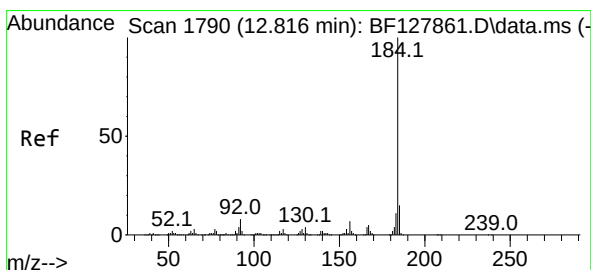
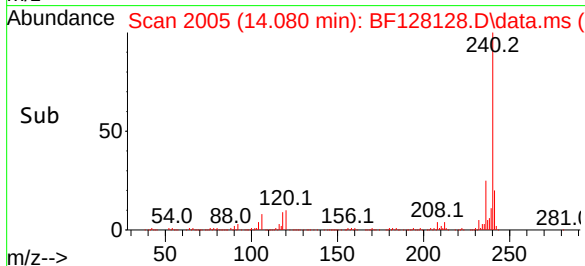
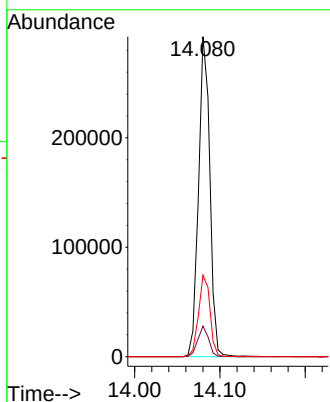
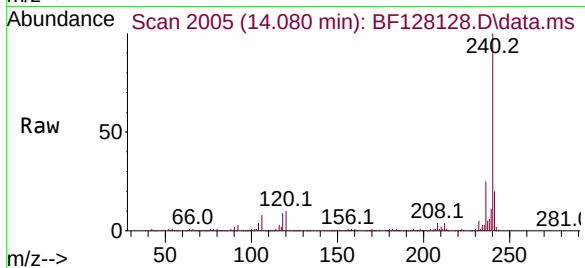
Tgt Ion:240 Resp: 269614

Ion Ratio Lower Upper

240 100

120 9.6 7.0 10.6

236 25.4 20.3 30.5



#77

Benidine

Concen: 2.262 ng

RT: 13.021 min Scan# 1825

Delta R.T. 0.241 min

Lab File: BF128128.D

Acq: 06 May 2022 17:03

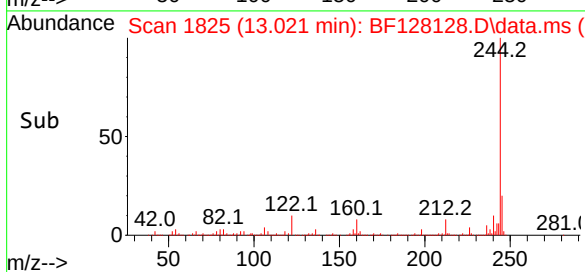
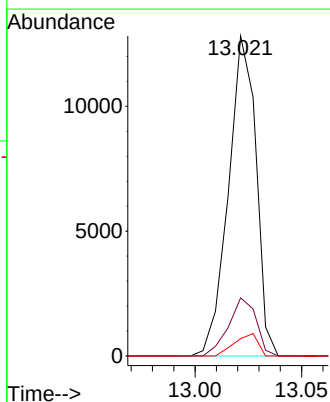
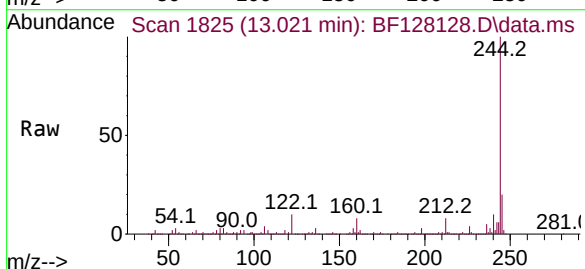
Tgt Ion:184 Resp: 11538

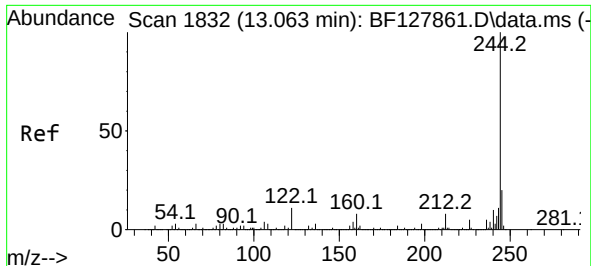
Ion Ratio Lower Upper

184 100

185 18.1 12.1 18.1#

183 5.4 9.0 13.4#

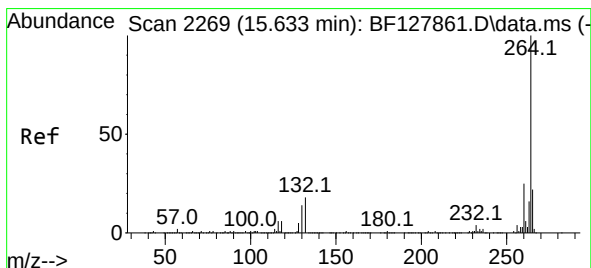
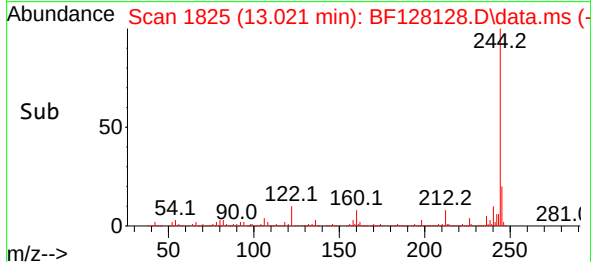
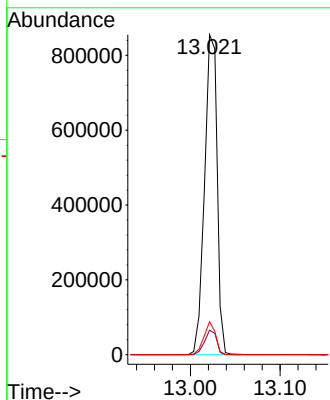
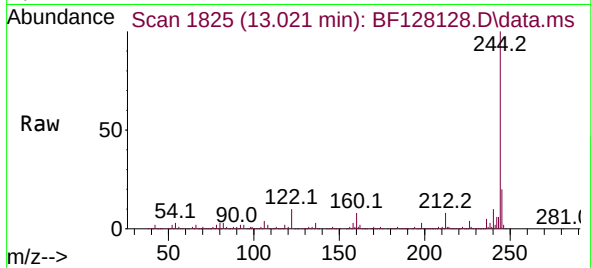




#79
 Terphenyl-d14
 Concen: 56.512 ng
 RT: 13.021 min Scan# 1825
 Delta R.T. -0.012 min
 Lab File: BF128128.D
 Acq: 06 May 2022 17:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 833246
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.3 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: BF128128.D
 Acq: 06 May 2022 17:03

Tgt Ion:264 Resp: 192890
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 19.6 17.5 26.3

