

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128132.D
 Acq On : 06 May 2022 18:58
 Operator : CG\JU
 Sample : N2723-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MMC-PIT3

Quant Time: May 06 23:25:52 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)

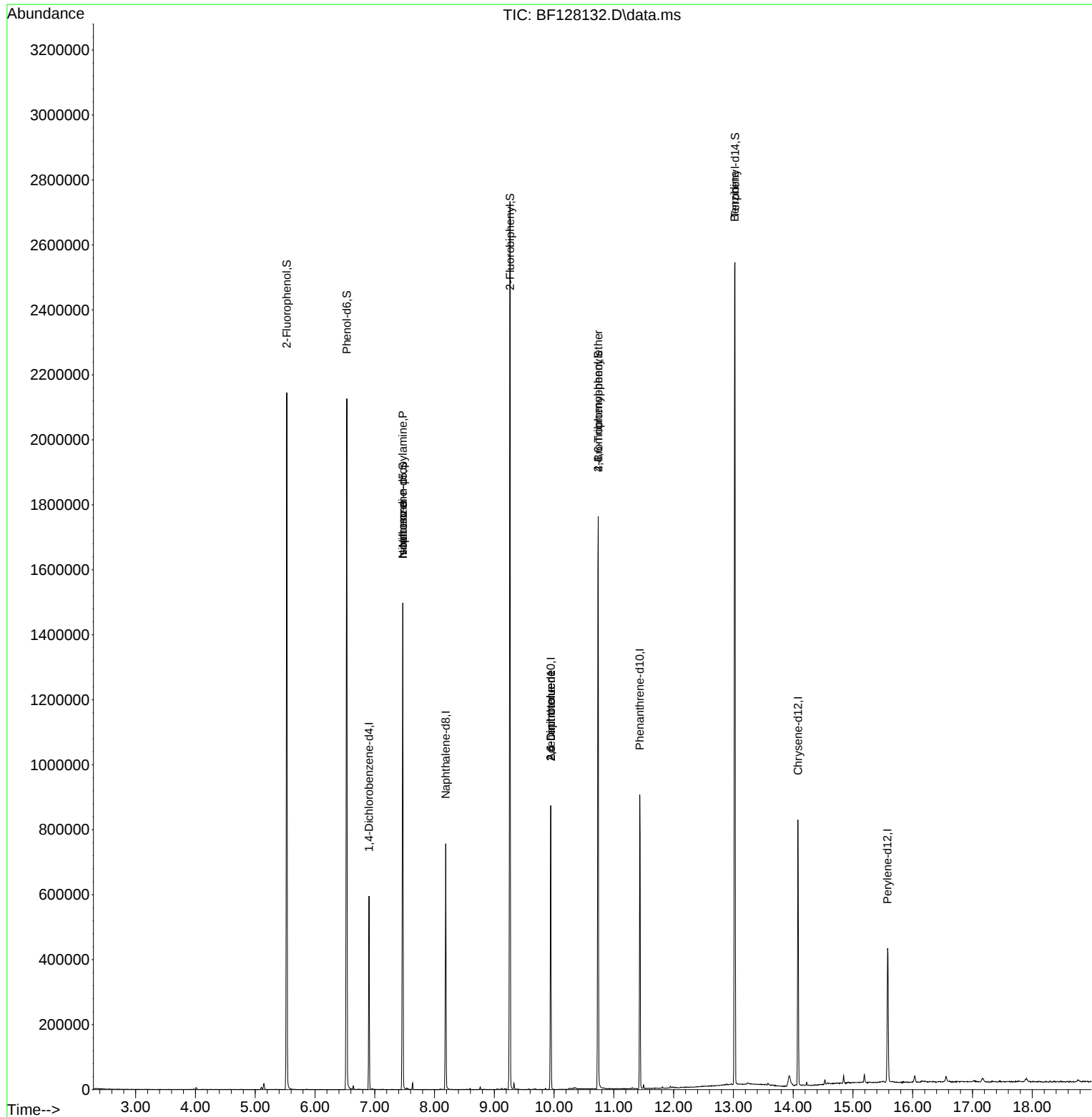
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	75422	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	297397	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	172725	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	334011	20.000	ng	-0.01
76) Chrysene-d12	14.080	240	267283	20.000	ng	-0.01
86) Perylene-d12	15.580	264	195083	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	526161	111.116	ng	0.00
7) Phenol-d6	6.534	99	699741	113.885	ng	-0.01
23) Nitrobenzene-d5	7.469	82	488829	77.293	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	209670	120.585	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	796794	78.041	ng	0.00
79) Terphenyl-d14	13.027	244	963046	65.885	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	66732	17.742	ng	# 78
25) Isophorone	7.469	82	488822	45.923	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	22236	8.866	ng	# 22
57) 2,4-Dinitrotoluene	9.945	165	22236	6.693	ng	# 26
67) 4-Bromophenyl-phenylether	10.739	248	13440	3.630	ng	# 1
77) Benzidine	13.021	184	13929	2.754	ng	# 93

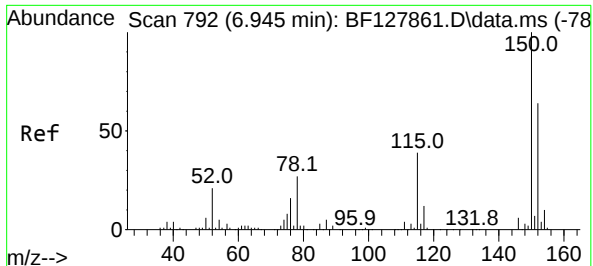
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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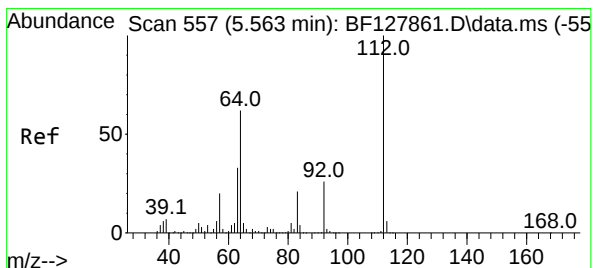
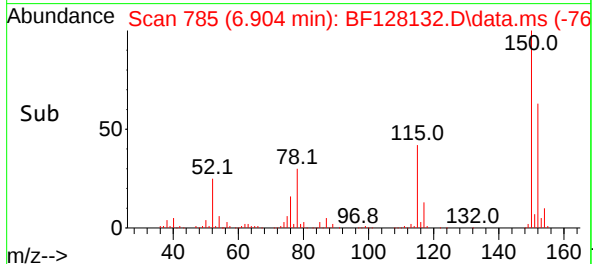
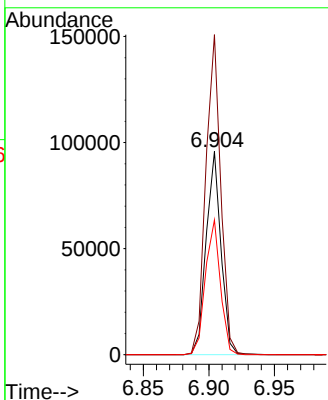
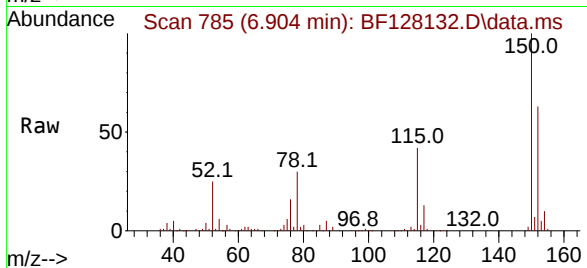




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128132.D
Acq: 06 May 2022 18:58

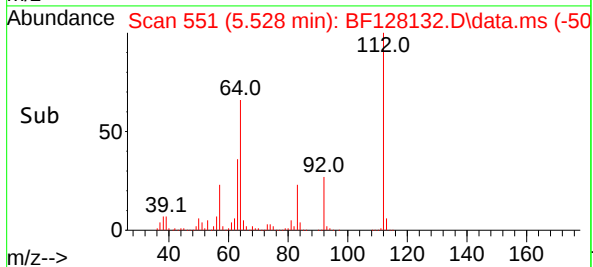
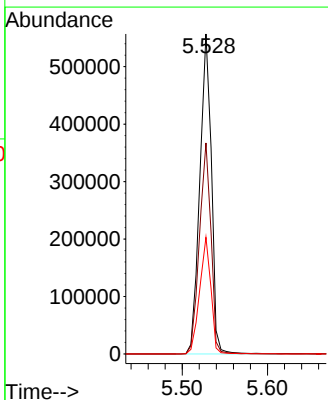
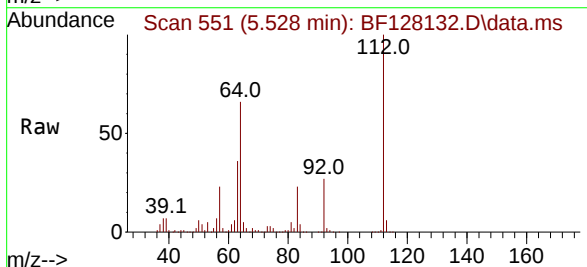
Instrument :
BNA_F
ClientSampleId :
MMC-PIT3

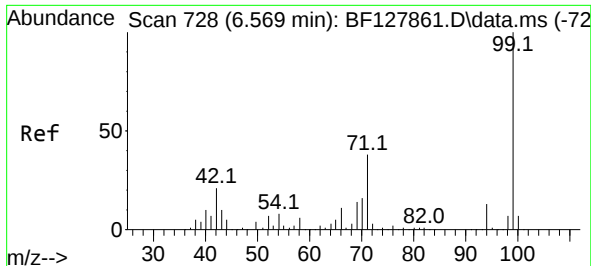
Tgt Ion:152 Resp: 75422
Ion Ratio Lower Upper
152 100
150 157.5 125.3 187.9
115 66.3 48.8 73.2



#5
2-Fluorophenol
Concen: 111.116 ng
RT: 5.528 min Scan# 551
Delta R.T. -0.006 min
Lab File: BF128132.D
Acq: 06 May 2022 18:58

Tgt Ion:112 Resp: 526161
Ion Ratio Lower Upper
112 100
64 66.0 49.5 74.3
63 36.4 26.3 39.5

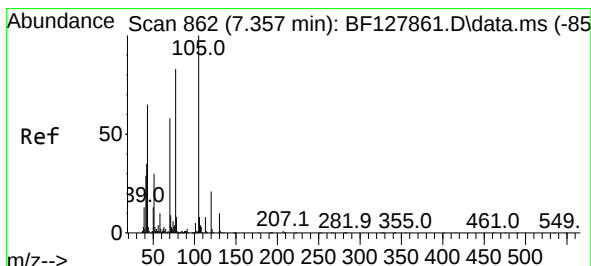
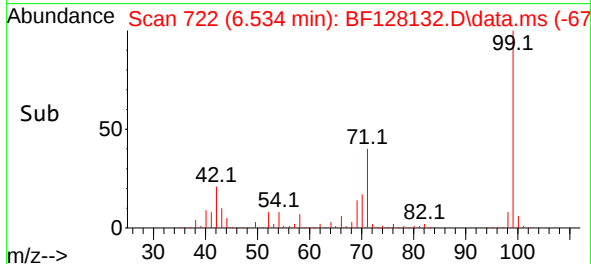
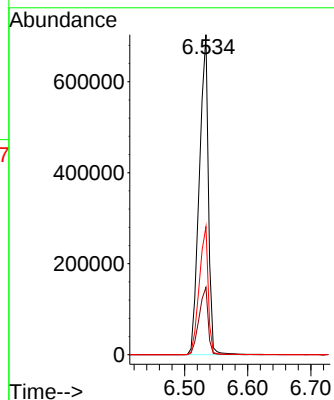
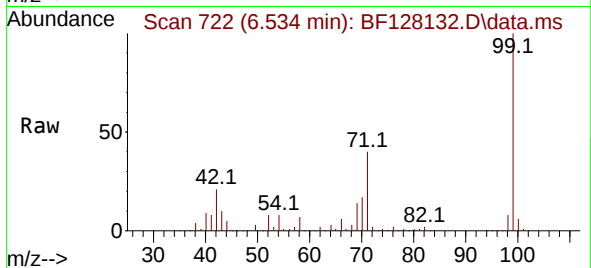




#7
Phenol-d6
Concen: 113.885 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128132.D
Acq: 06 May 2022 18:58

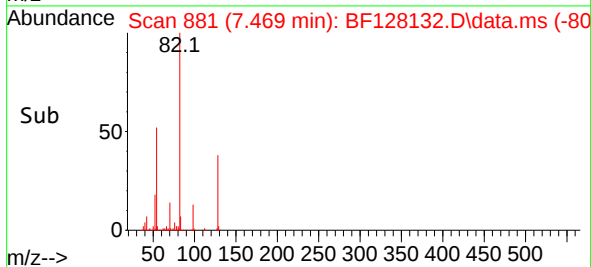
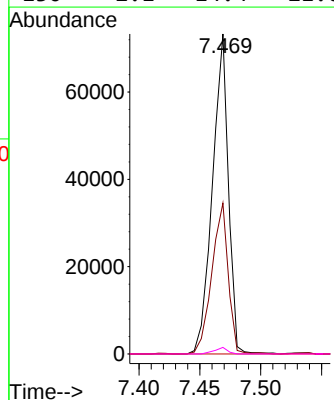
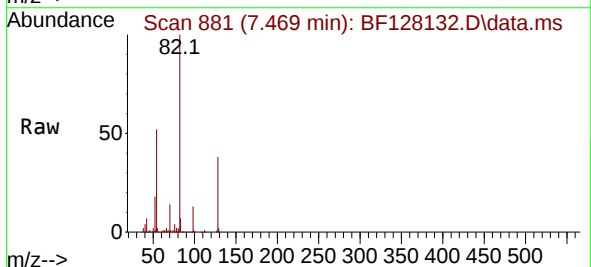
Instrument :
BNA_F
ClientSampleId :
MMC-PIT3

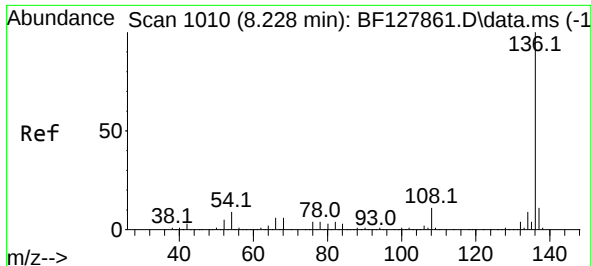
Tgt Ion: 99 Resp: 699741
Ion Ratio Lower Upper
99 100
42 21.1 16.6 24.8
71 40.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.742 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128132.D
Acq: 06 May 2022 18:58

Tgt Ion: 70 Resp: 66732
Ion Ratio Lower Upper
70 100
42 47.1 48.7 73.1#
101 0.0 7.2 10.8#
130 2.1 14.4 21.6#

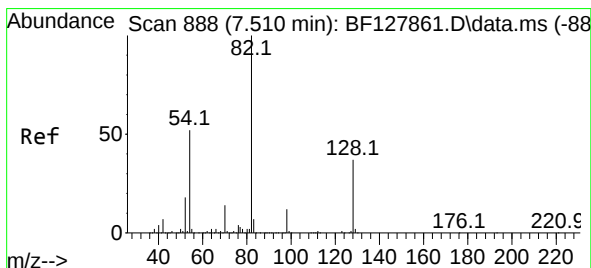
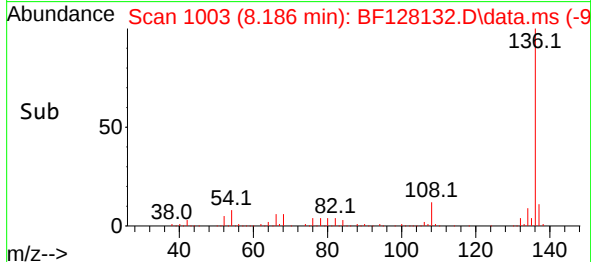
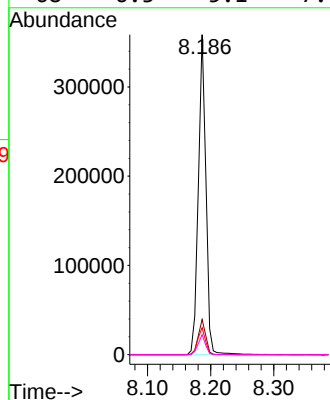
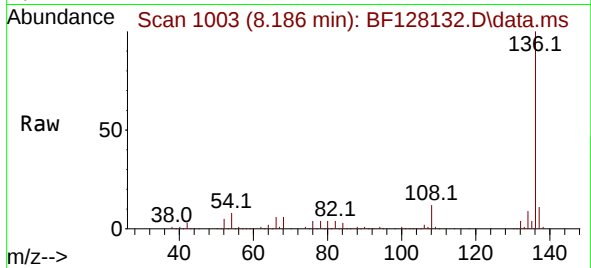




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128132.D
Acq: 06 May 2022 18:58

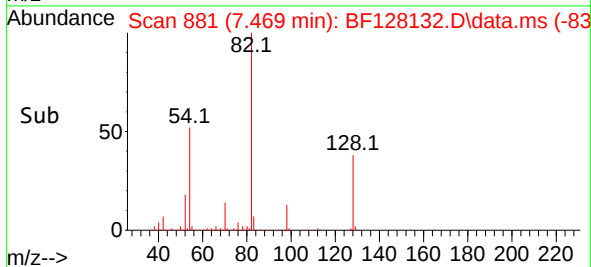
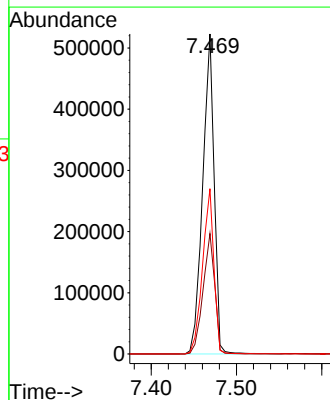
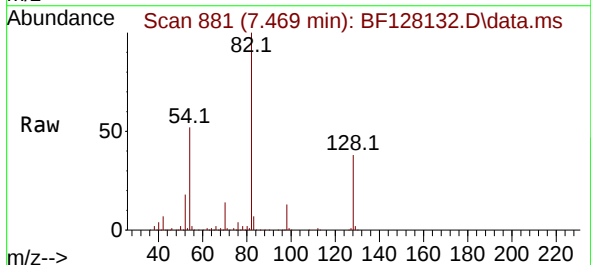
Instrument :
BNA_F
ClientSampleId :
MMC-PIT3

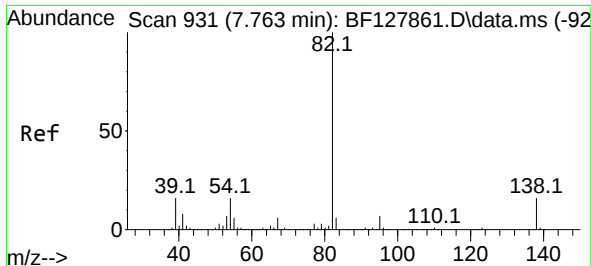
Tgt Ion:	136	Resp:	297397
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.5	6.8	10.2
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 77.293 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128132.D
Acq: 06 May 2022 18:58

Tgt Ion:	82	Resp:	488829
Ion	Ratio	Lower	Upper
82	100		
128	37.6	30.0	45.0
54	51.7	41.3	61.9

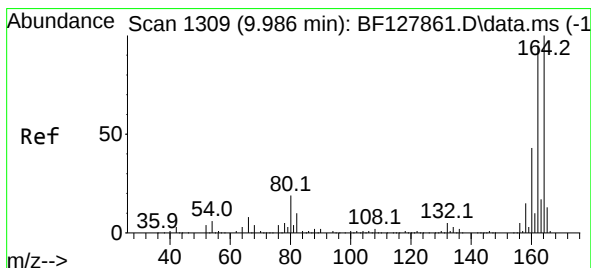
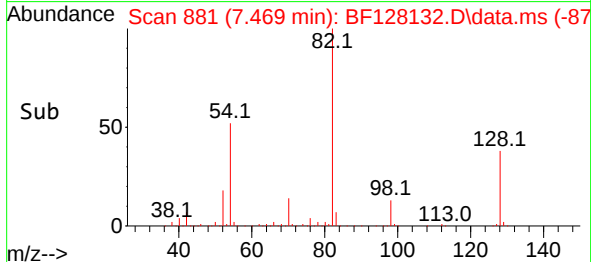
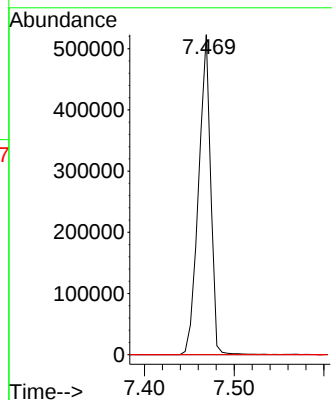
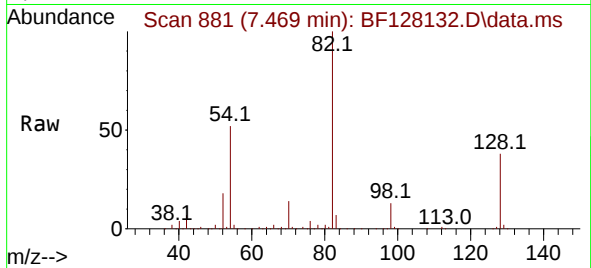




#25
Isophorone
Concen: 45.923 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128132.D
Acq: 06 May 2022 18:58

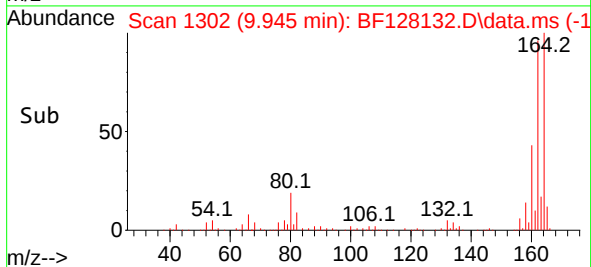
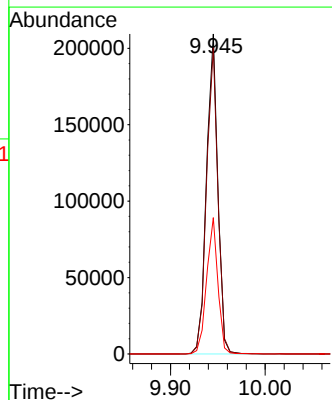
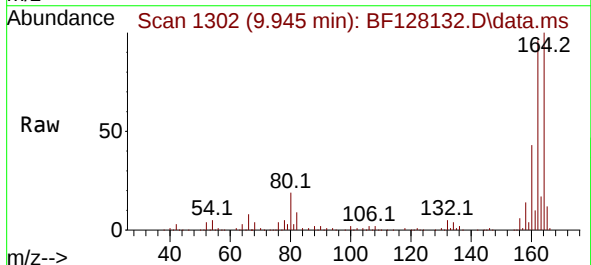
Instrument :
BNA_F
ClientSampleId :
MMC-PIT3

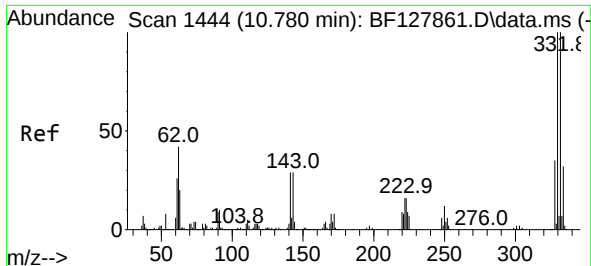
Tgt Ion: 82 Resp: 488822
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128132.D
Acq: 06 May 2022 18:58

Tgt Ion: 164 Resp: 172725
Ion Ratio Lower Upper
164 100
162 95.7 76.0 114.0
160 42.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 120.585 ng

RT: 10.739 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128132.D

Acq: 06 May 2022 18:58

Instrument :

BNA_F

ClientSampleId :

MMC-PIT3

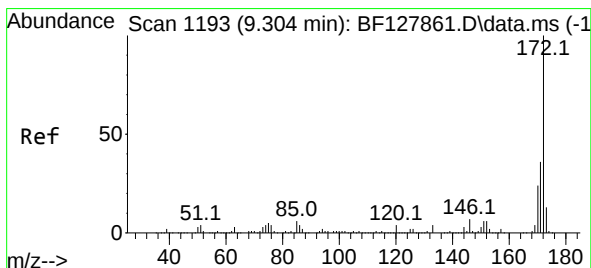
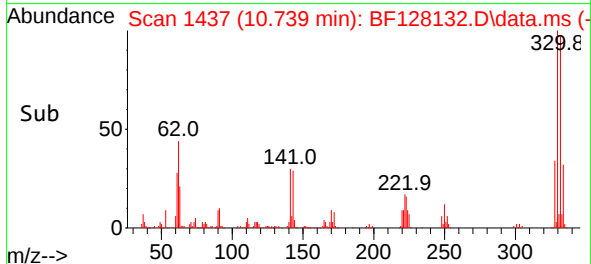
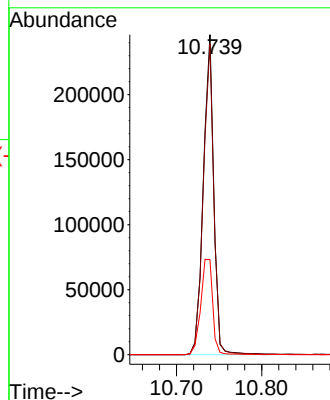
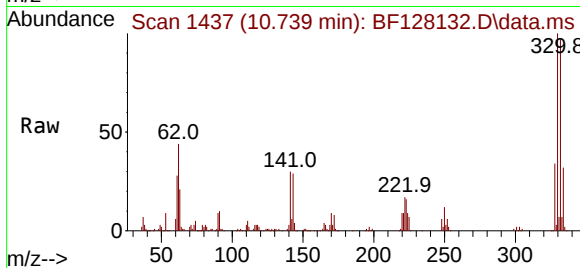
Tgt Ion:330 Resp: 209670

Ion Ratio Lower Upper

330 100

332 97.9 79.0 118.4

141 34.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 78.041 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128132.D

Acq: 06 May 2022 18:58

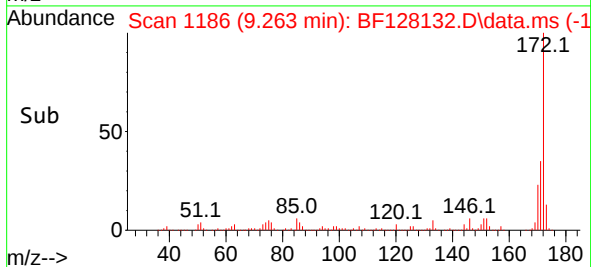
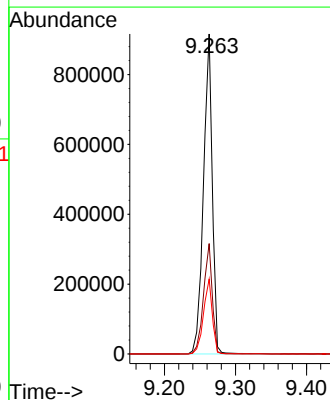
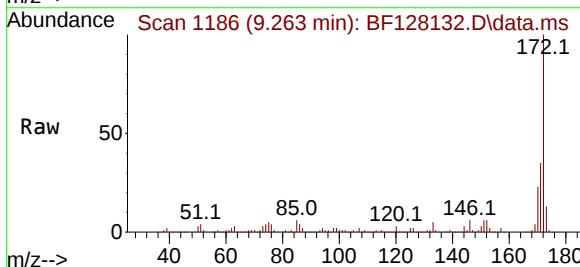
Tgt Ion:172 Resp: 796794

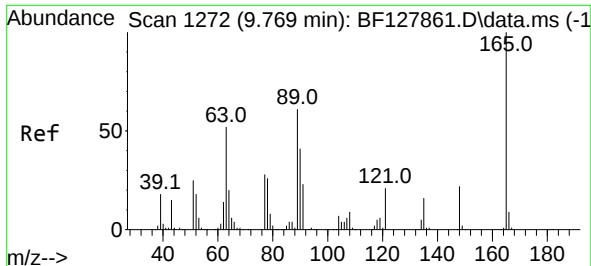
Ion Ratio Lower Upper

172 100

171 34.5 28.6 42.8

170 23.4 19.1 28.7

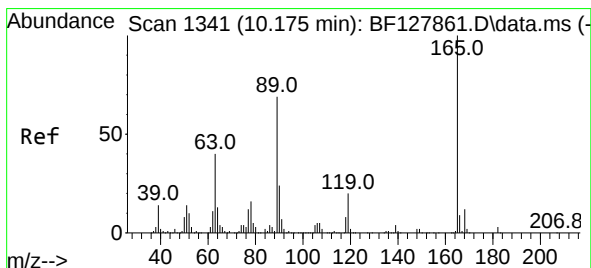
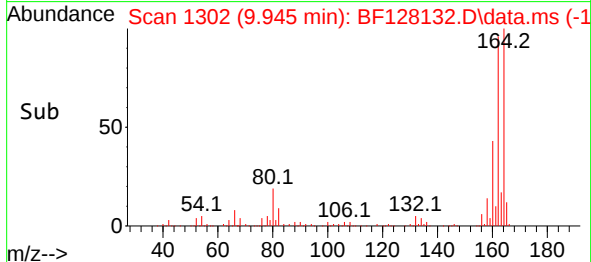
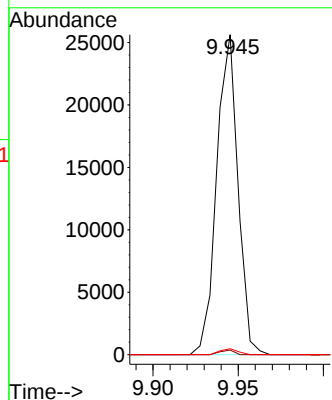
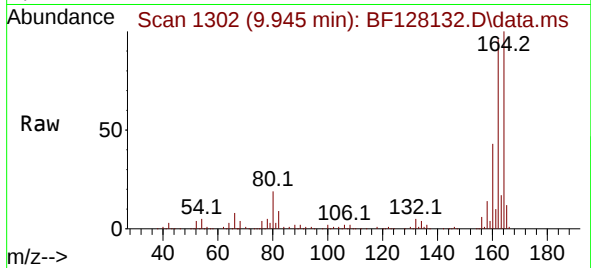




#51
2,6-Dinitrotoluene
Concen: 8.866 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128132.D
Acq: 06 May 2022 18:58

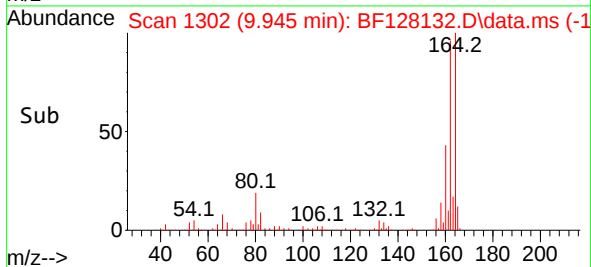
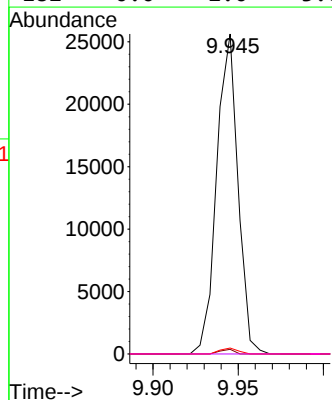
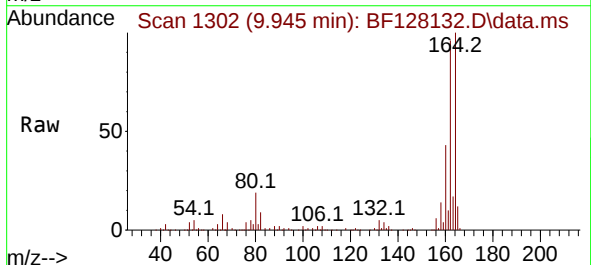
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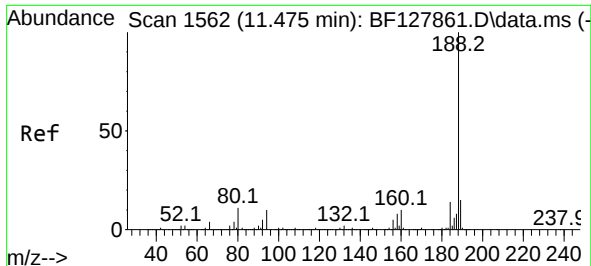
Tgt Ion:165 Resp: 22236
Ion Ratio Lower Upper
165 100
63 1.5 49.5 74.3#
89 1.9 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.693 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128132.D
Acq: 06 May 2022 18:58

Tgt Ion:165 Resp: 22236
Ion Ratio Lower Upper
165 100
63 1.5 32.6 49.0#
89 1.9 55.2 82.8#
182 0.0 2.0 3.0#

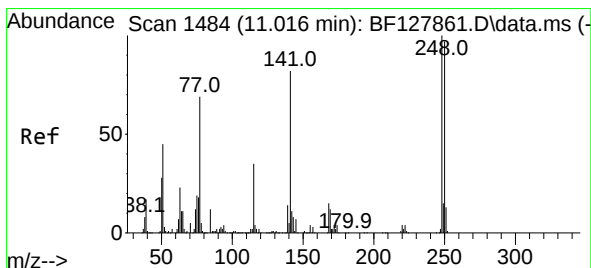
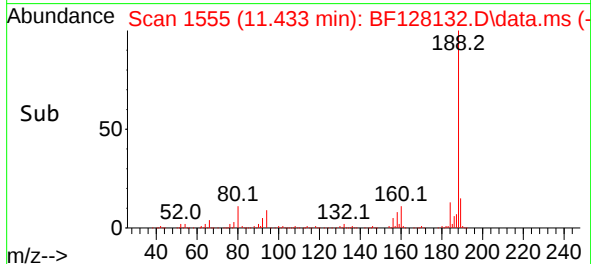
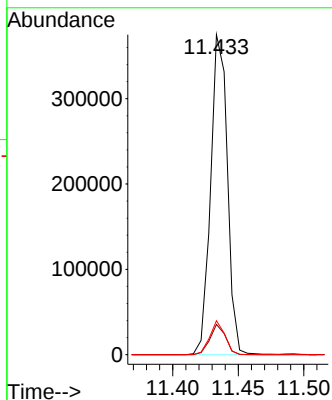
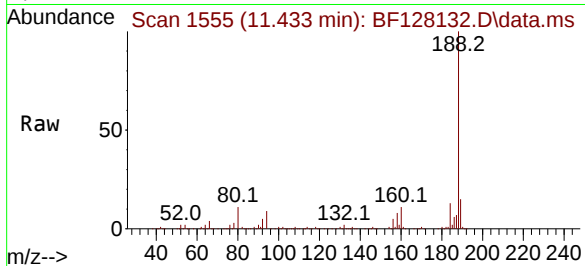




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128132.D
Acq: 06 May 2022 18:58

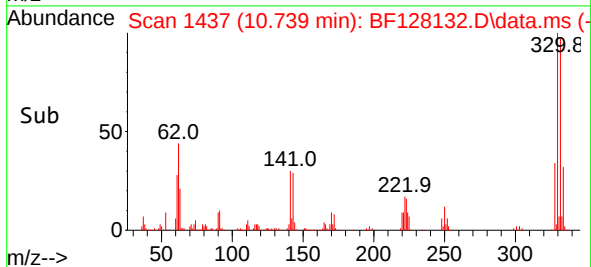
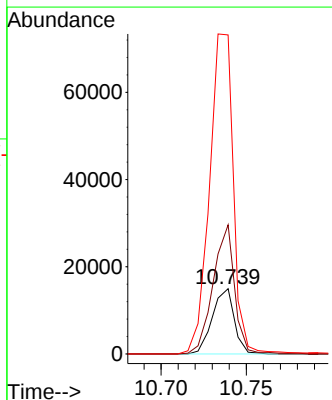
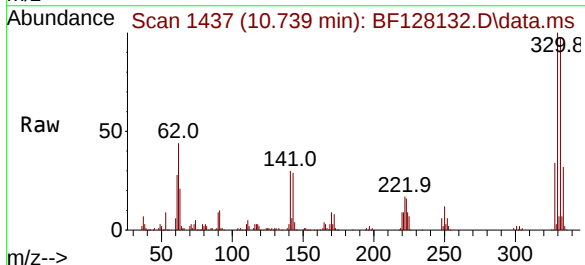
Instrument :
BNA_F
ClientSampleId :
MMC-PIT3

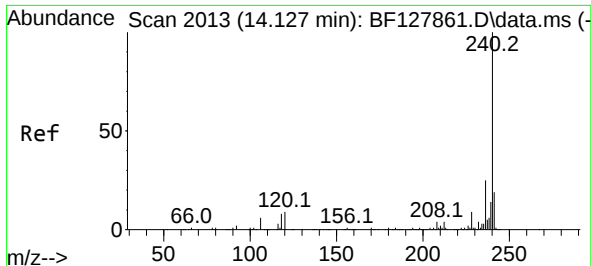
Tgt Ion:188 Resp: 334011
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.630 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF128132.D
Acq: 06 May 2022 18:58

Tgt Ion:248 Resp: 13440
Ion Ratio Lower Upper
248 100
250 197.7 77.7 116.5#
141 488.4 65.6 98.4#

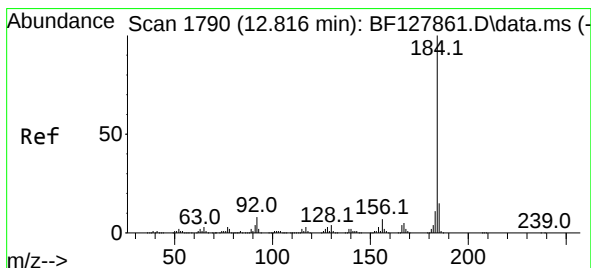
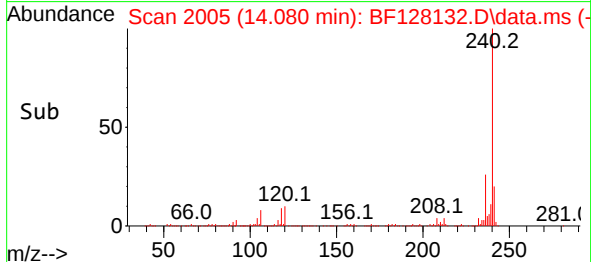
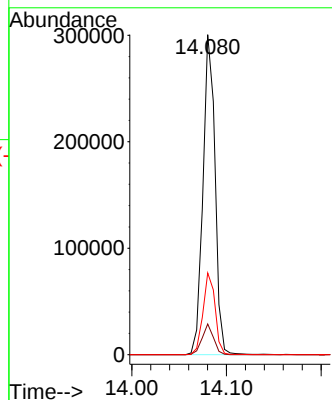
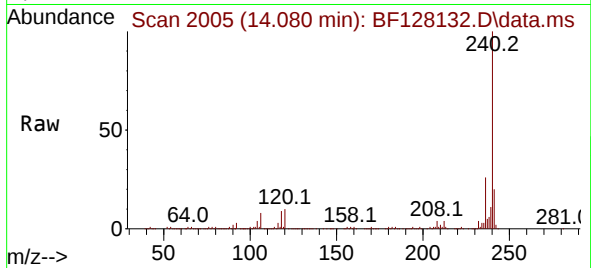




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF128132.D
Acq: 06 May 2022 18:58

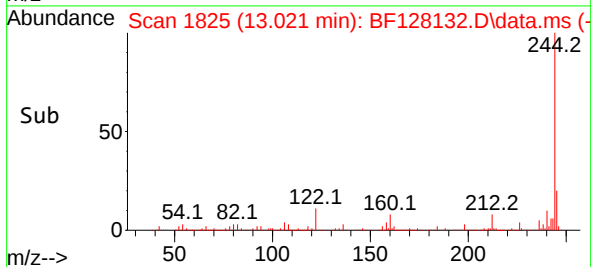
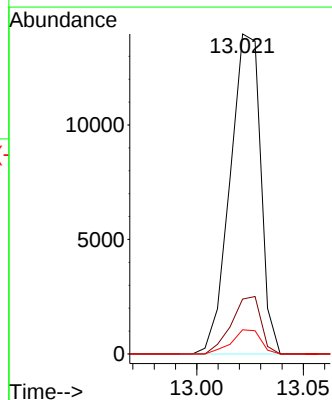
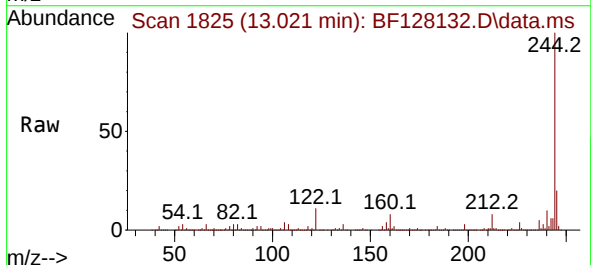
Instrument :
BNA_F
ClientSampleId :
MMC-PIT3

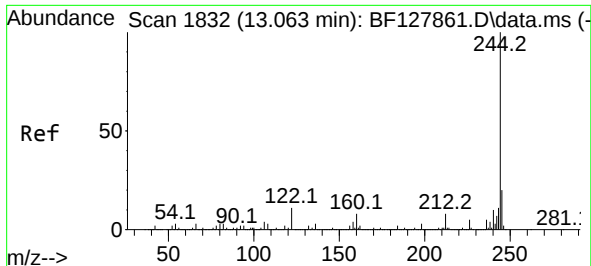
Tgt Ion:240 Resp: 267283
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 25.6 20.3 30.5



#77
Benzidine
Concen: 2.754 ng
RT: 13.021 min Scan# 1825
Delta R.T. 0.241 min
Lab File: BF128132.D
Acq: 06 May 2022 18:58

Tgt Ion:184 Resp: 13929
Ion Ratio Lower Upper
184 100
185 17.1 12.1 18.1
183 7.6 9.0 13.4#

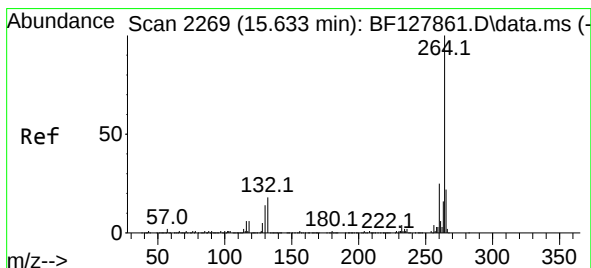
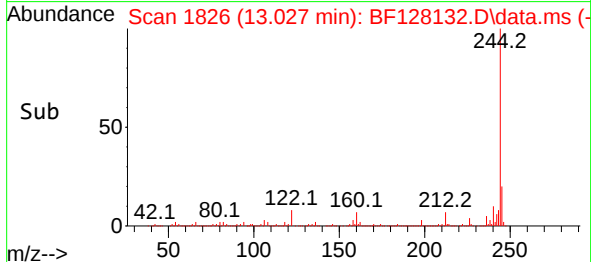
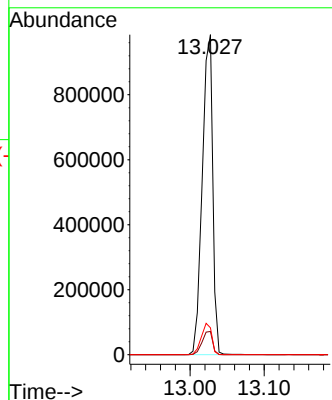
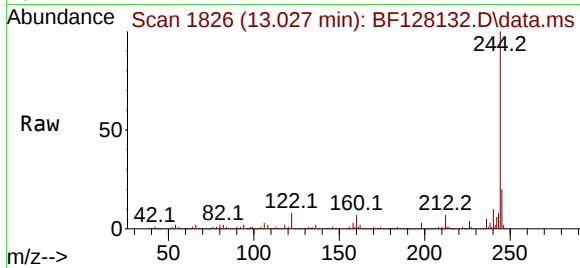




#79
 Terphenyl-d14
 Concen: 65.885 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF128132.D
 Acq: 06 May 2022 18:58

Instrument :
 BNA_F
 ClientSampleId :
 MMC-PIT3

Tgt Ion:244 Resp: 963046
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 8.4 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2260
 Delta R.T. -0.012 min
 Lab File: BF128132.D
 Acq: 06 May 2022 18:58

Tgt Ion:264 Resp: 195083
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 21.6 17.5 26.3

