

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128136.D
 Acq On : 06 May 2022 20:54
 Operator : CG\JU
 Sample : N2723-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MMC-PIT2

Quant Time: May 06 23:26:18 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)

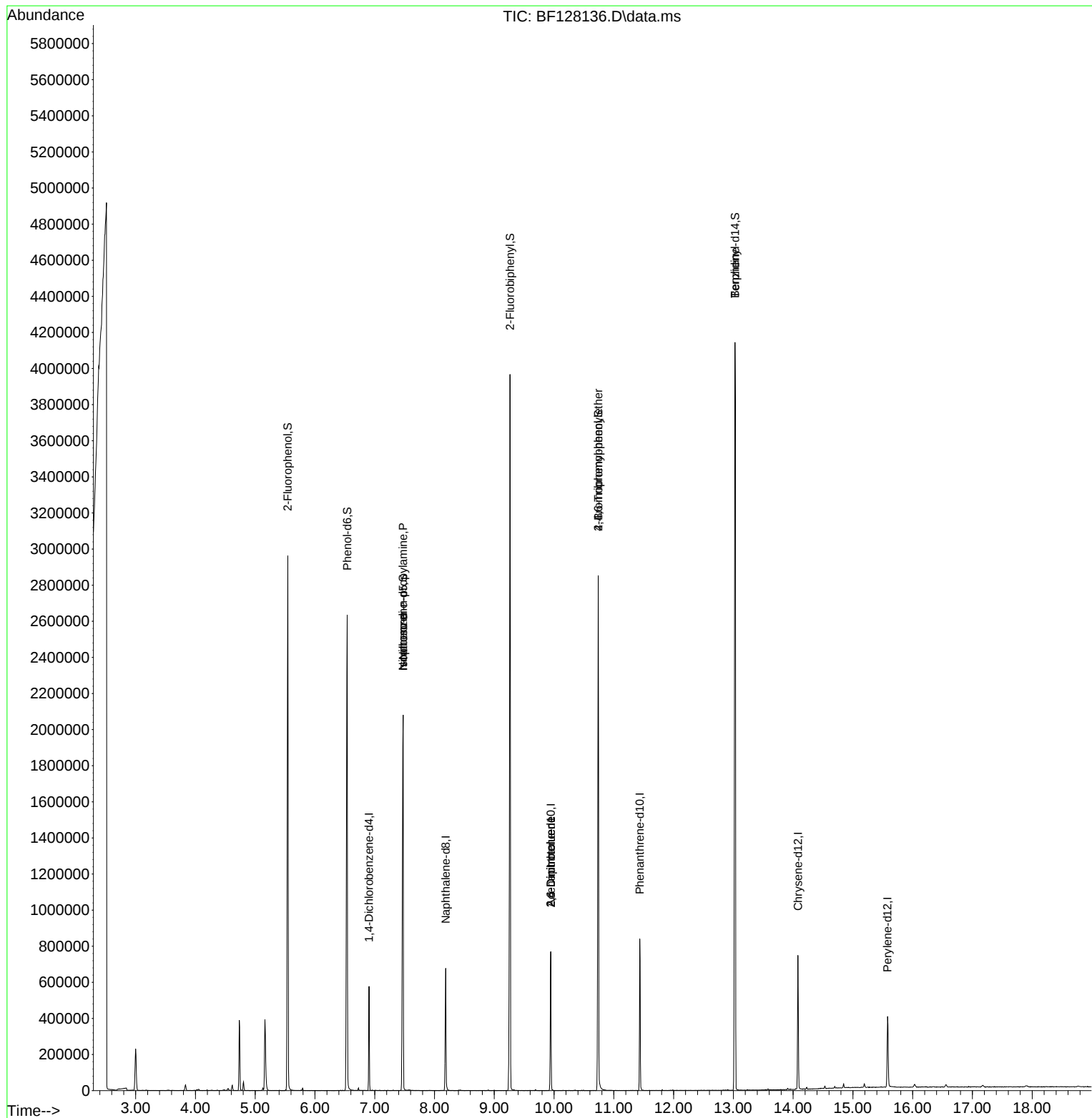
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	72523	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	282710	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	161436	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	312511	20.000	ng	-0.01
76) Chrysene-d12	14.080	240	253011	20.000	ng	-0.01
86) Perylene-d12	15.580	264	179822	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	802240	176.192	ng	0.01
7) Phenol-d6	6.540	99	984091	166.566	ng	0.00
23) Nitrobenzene-d5	7.475	82	827803	137.691	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	357497	219.981	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1309057	137.181	ng	0.00
79) Terphenyl-d14	13.027	244	1751666	126.596	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	114366	31.622	ng	# 78
25) Isophorone	7.475	82	825036	81.536	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	20945	8.935	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	20945	6.746	ng	# 25
67) 4-Bromophenyl-phenylether	10.739	248	21901	6.322	ng	# 1
77) Benzidine	13.027	184	25419	5.310	ng	# 94

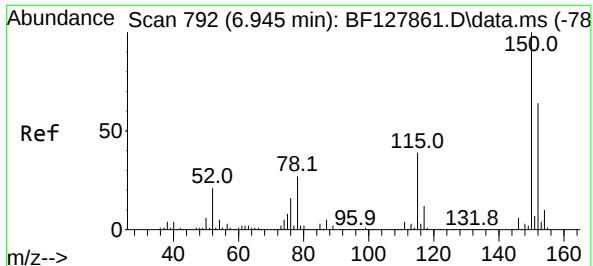
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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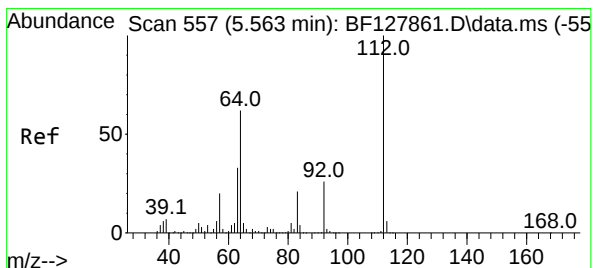
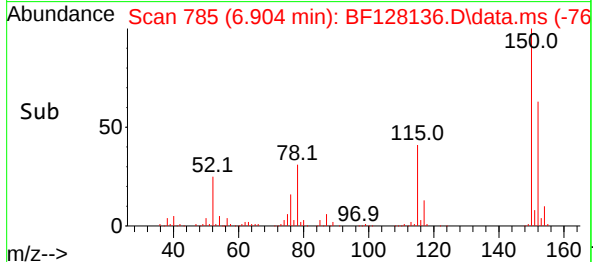
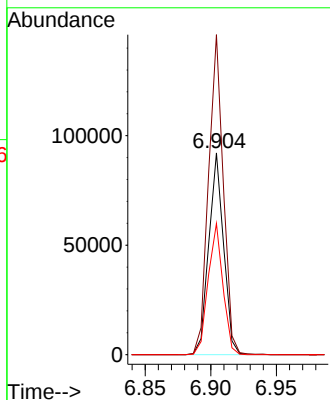
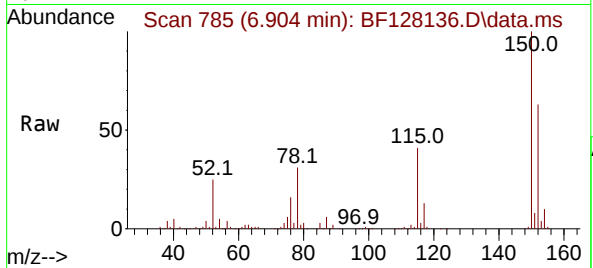




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128136.D
 Acq: 06 May 2022 20:54

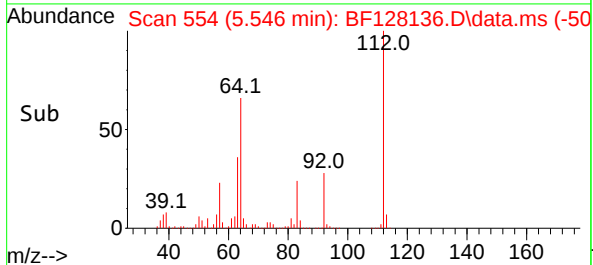
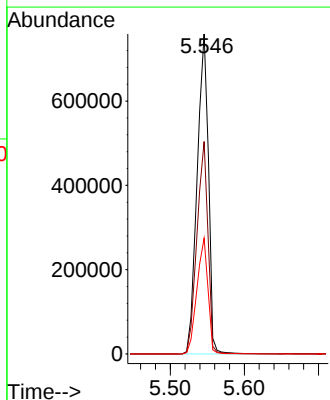
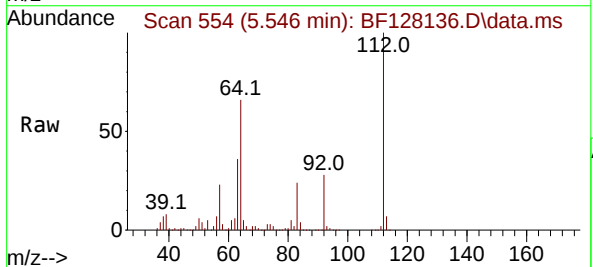
Instrument :
 BNA_F
 ClientSampleId :
 MMC-PIT2

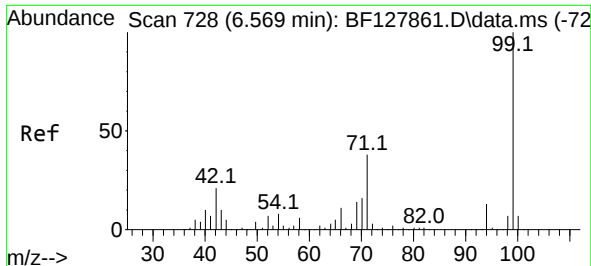
Tgt Ion:152 Resp: 72523
 Ion Ratio Lower Upper
 152 100
 150 158.6 125.3 187.9
 115 65.0 48.8 73.2



#5
 2-Fluorophenol
 Concen: 176.192 ng
 RT: 5.546 min Scan# 554
 Delta R.T. 0.012 min
 Lab File: BF128136.D
 Acq: 06 May 2022 20:54

Tgt Ion:112 Resp: 802240
 Ion Ratio Lower Upper
 112 100
 64 66.4 49.5 74.3
 63 36.1 26.3 39.5

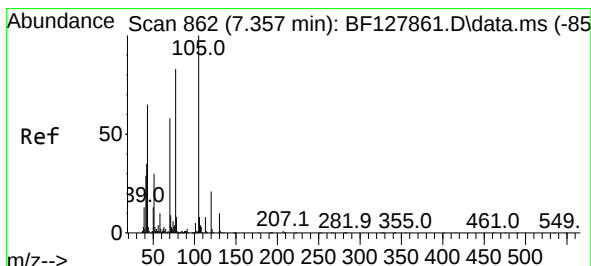
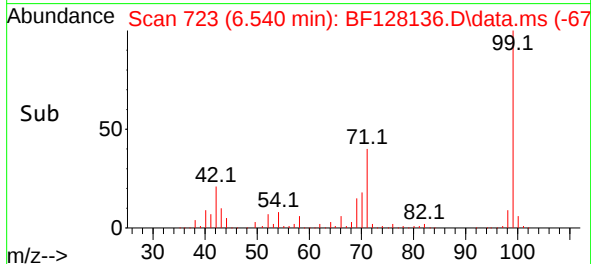
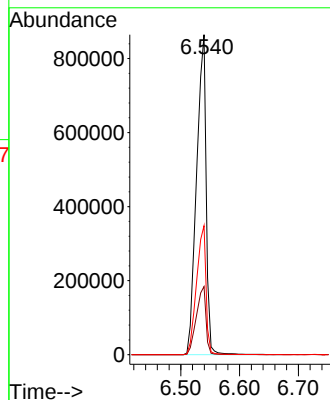
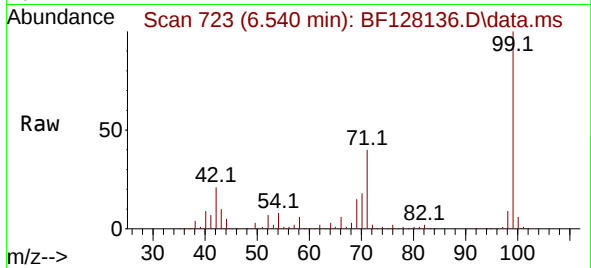




#7
Phenol-d6
Concen: 166.566 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128136.D
Acq: 06 May 2022 20:54

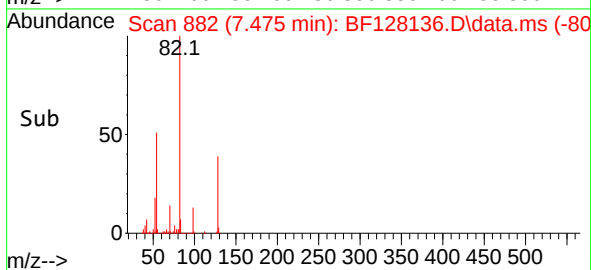
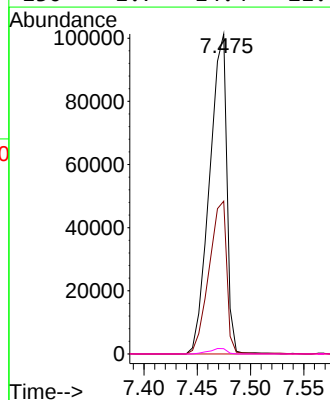
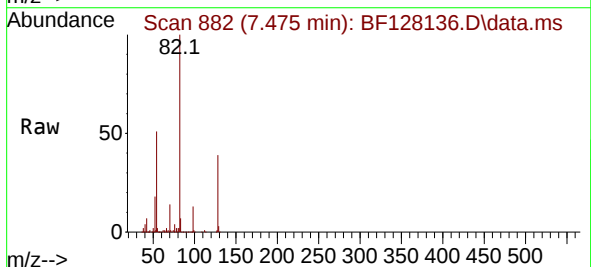
Instrument :
BNA_F
ClientSampleId :
MMC-PIT2

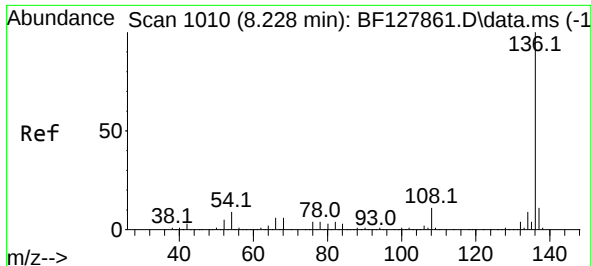
Tgt Ion: 99 Resp: 984091
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 40.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 31.622 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.147 min
Lab File: BF128136.D
Acq: 06 May 2022 20:54

Tgt Ion: 70 Resp: 114366
Ion Ratio Lower Upper
70 100
42 47.8 48.7 73.1#
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

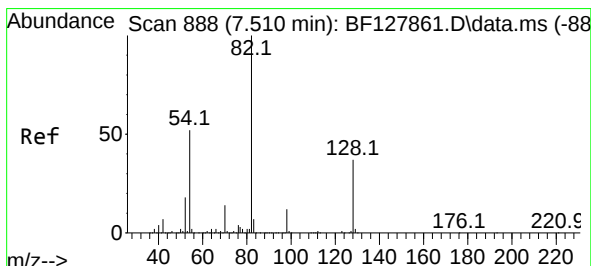
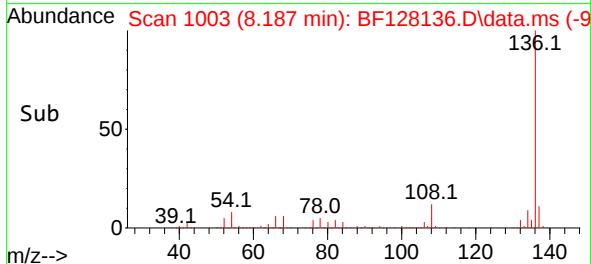
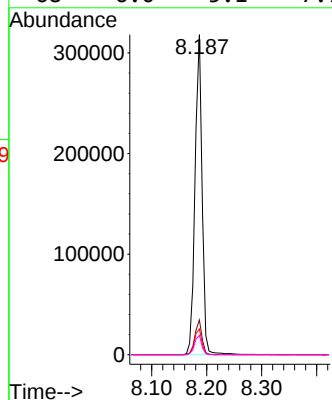
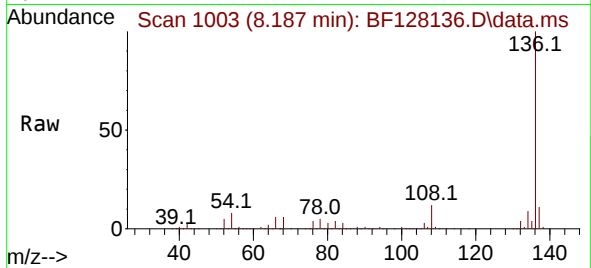




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128136.D
Acq: 06 May 2022 20:54

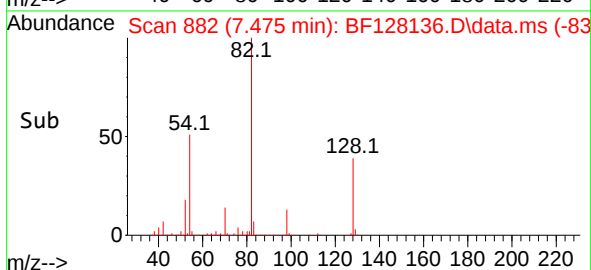
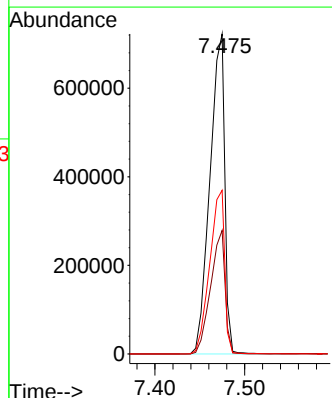
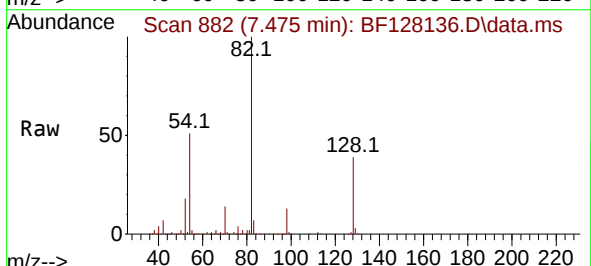
Instrument :
BNA_F
ClientSampleId :
MMC-PIT2

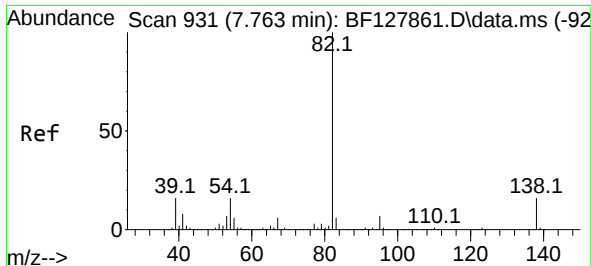
Tgt Ion:136	Resp: 282710
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 8.1	6.8 10.2
68 6.0	5.1 7.7



#23
Nitrobenzene-d5
Concen: 137.691 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF128136.D
Acq: 06 May 2022 20:54

Tgt Ion: 82	Resp: 827803
Ion Ratio	Lower Upper
82 100	
128 38.6	30.0 45.0
54 51.2	41.3 61.9

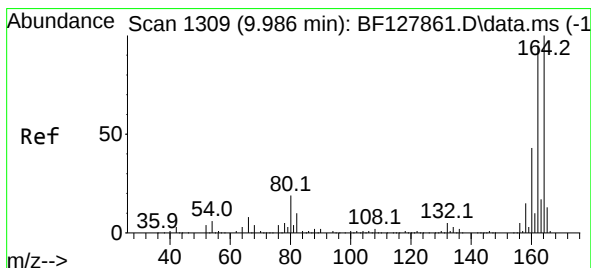
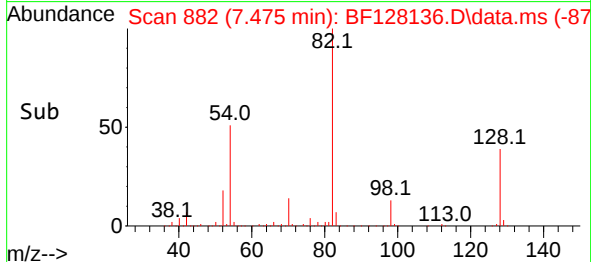
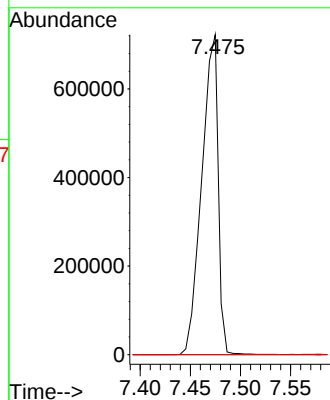
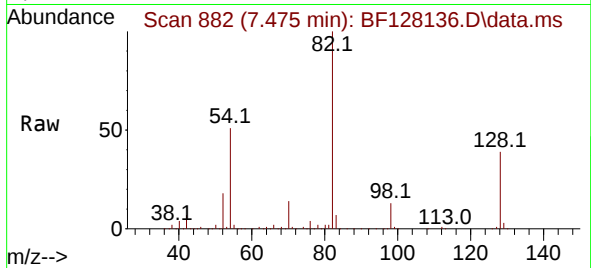




#25
Isophorone
Concen: 81.536 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128136.D
Acq: 06 May 2022 20:54

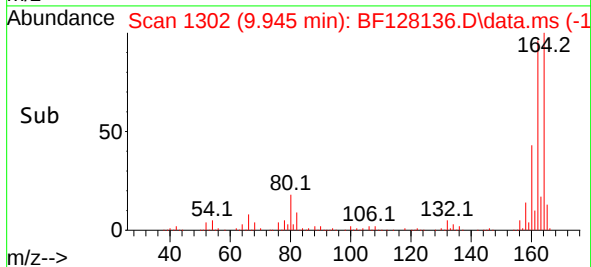
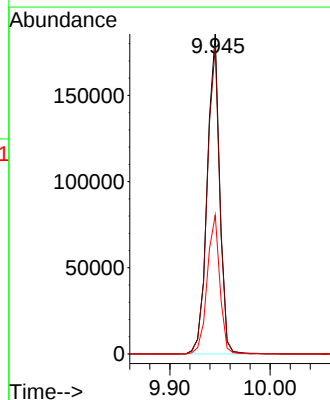
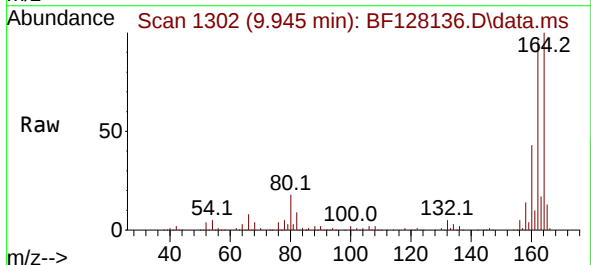
Instrument :
BNA_F
ClientSampleId :
MMC-PIT2

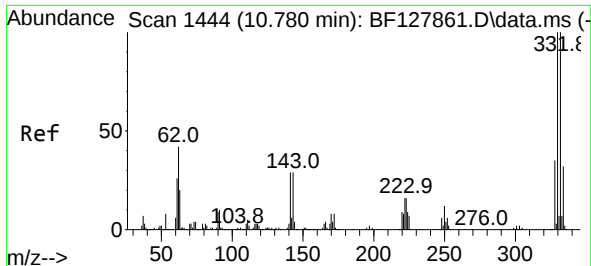
Tgt Ion: 82 Resp: 825036
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128136.D
Acq: 06 May 2022 20:54

Tgt Ion: 164 Resp: 161436
Ion Ratio Lower Upper
164 100
162 96.0 76.0 114.0
160 43.4 34.8 52.2

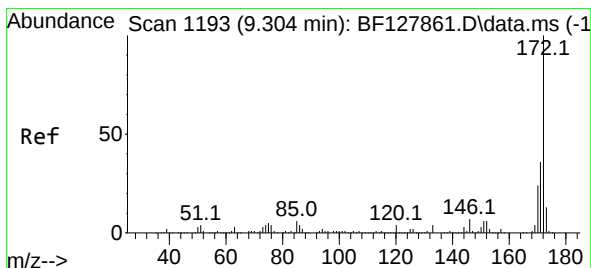
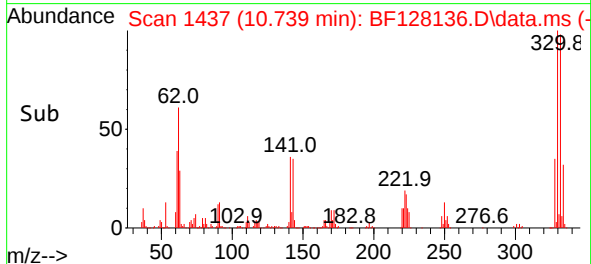
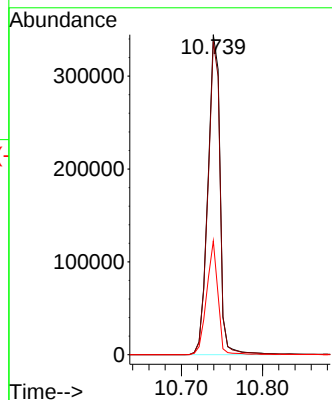
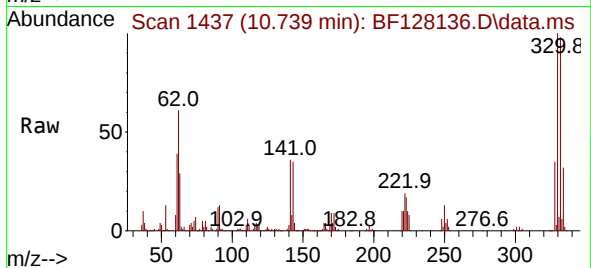




#42
2,4,6-Tribromophenol
Concen: 219.981 ng
RT: 10.739 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128136.D
Acq: 06 May 2022 20:54

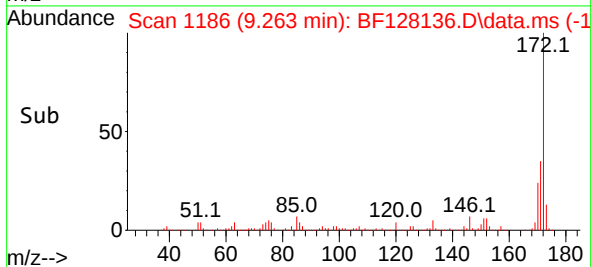
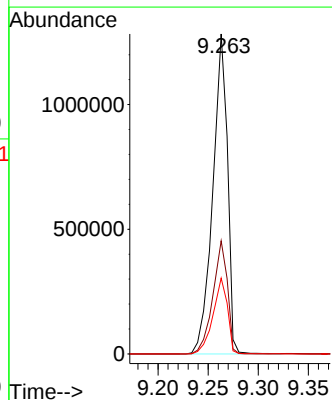
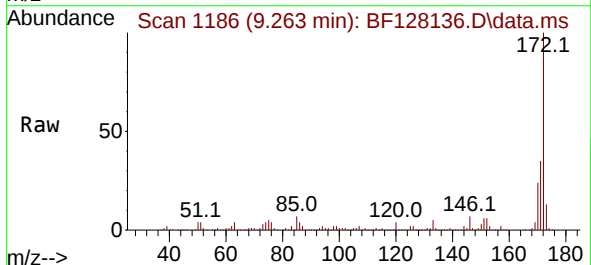
Instrument :
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MMC-PIT2

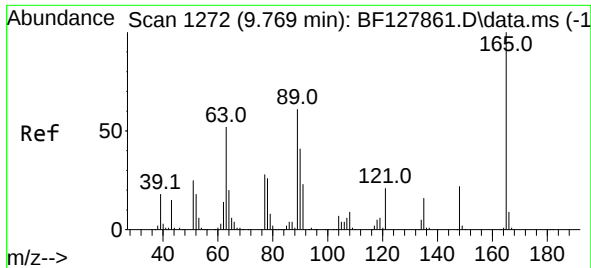
Tgt Ion: 330 Resp: 357497
Ion Ratio Lower Upper
330 100
332 98.1 79.0 118.4
141 33.1 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 137.181 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF128136.D
Acq: 06 May 2022 20:54

Tgt Ion: 172 Resp: 1309057
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.7 19.1 28.7

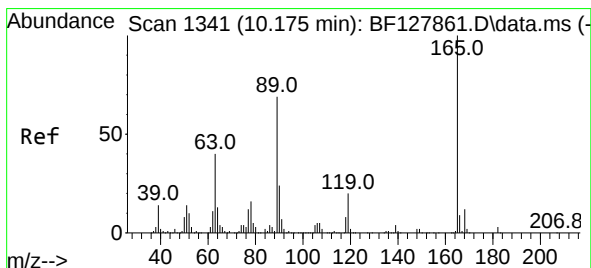
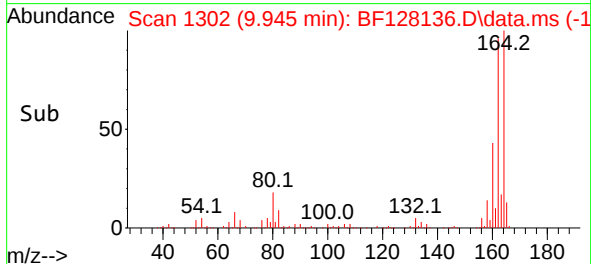
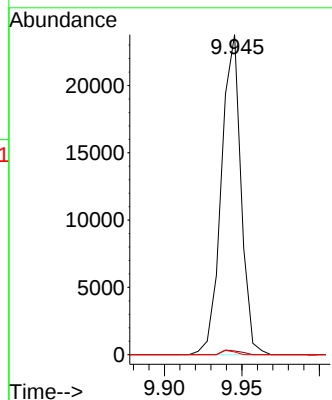
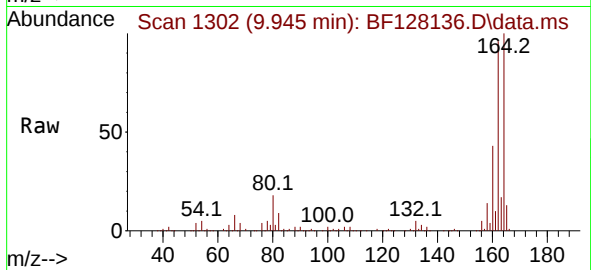




#51
2,6-Dinitrotoluene
Concen: 8.935 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128136.D
Acq: 06 May 2022 20:54

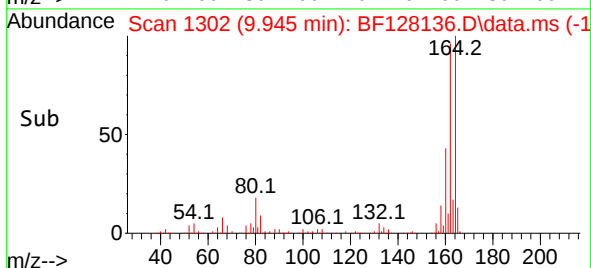
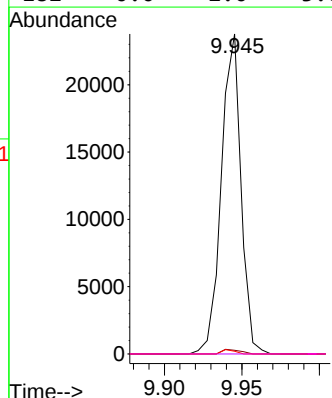
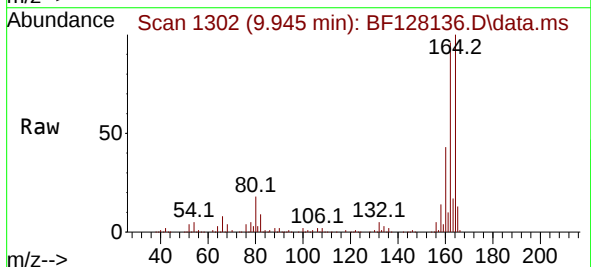
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MMC-PIT2

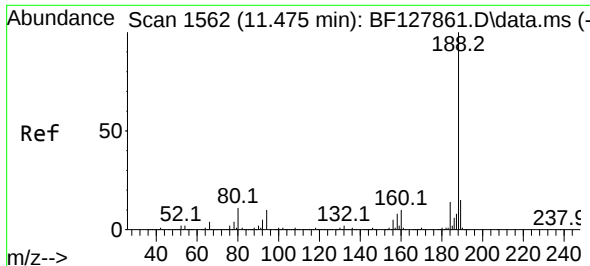
Tgt Ion:165 Resp: 20945
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 0.9 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.746 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128136.D
Acq: 06 May 2022 20:54

Tgt Ion:165 Resp: 20945
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 0.9 55.2 82.8#
182 0.0 2.0 3.0#

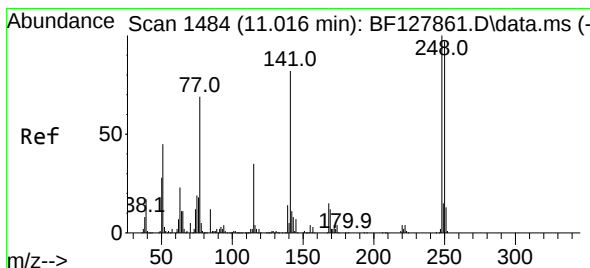
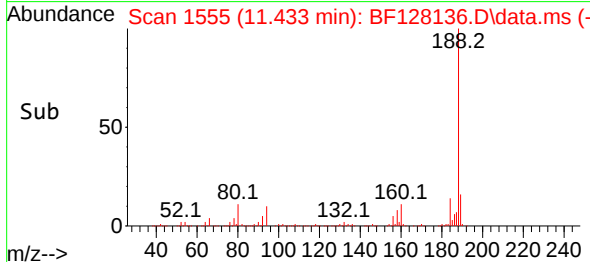
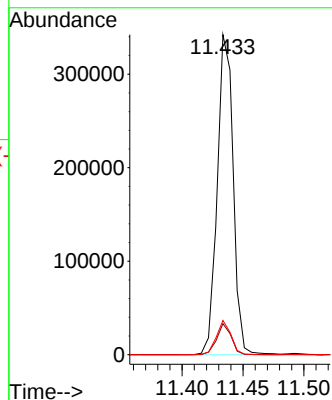
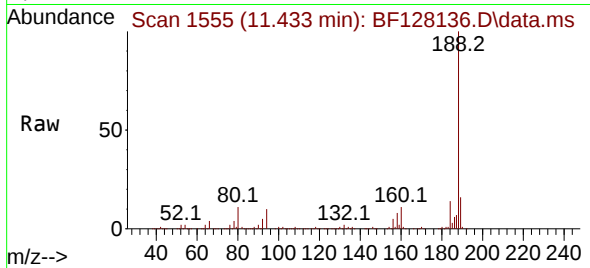




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128136.D
Acq: 06 May 2022 20:54

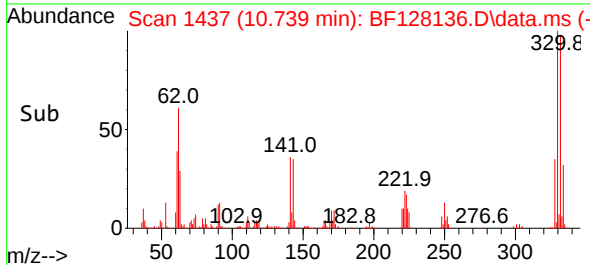
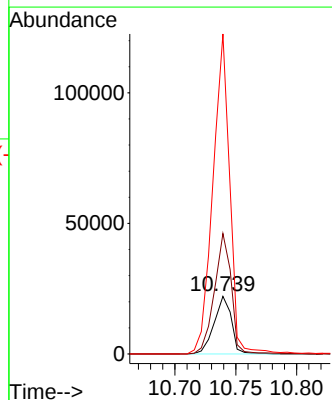
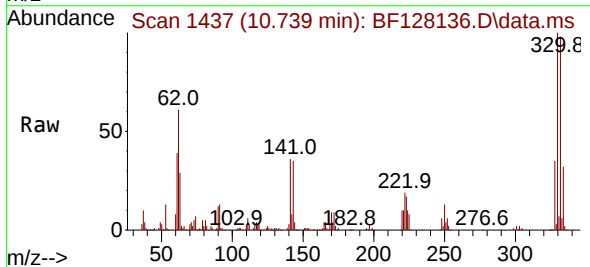
Instrument :
BNA_F
ClientSampleId :
MMC-PIT2

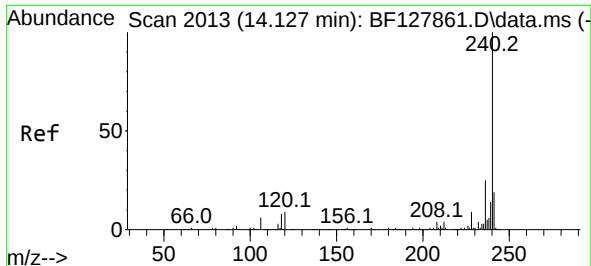
Tgt Ion:188 Resp: 312511
Ion Ratio Lower Upper
188 100
94 9.7 8.0 12.0
80 10.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 6.322 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF128136.D
Acq: 06 May 2022 20:54

Tgt Ion:248 Resp: 21901
Ion Ratio Lower Upper
248 100
250 209.0 77.7 116.5#
141 555.2 65.6 98.4#

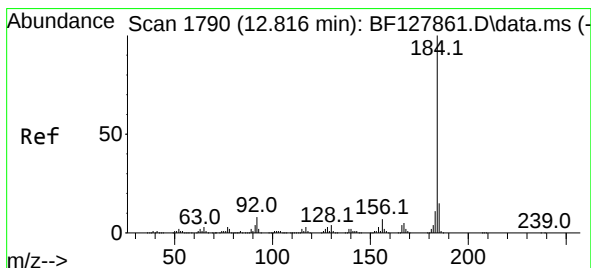
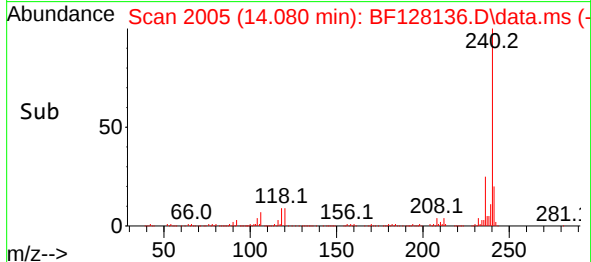
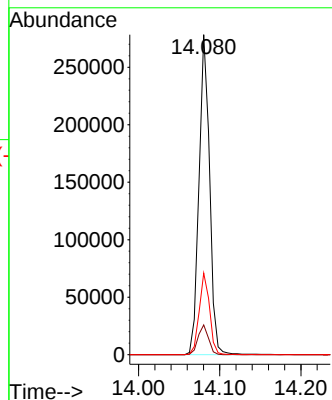
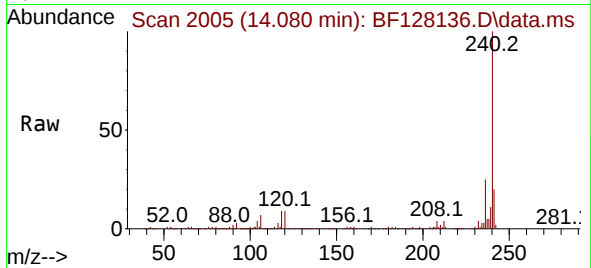




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF128136.D
Acq: 06 May 2022 20:54

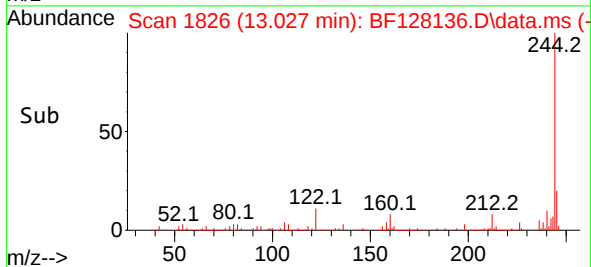
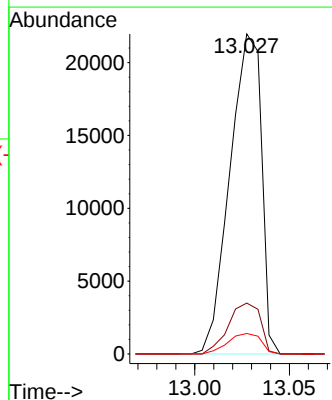
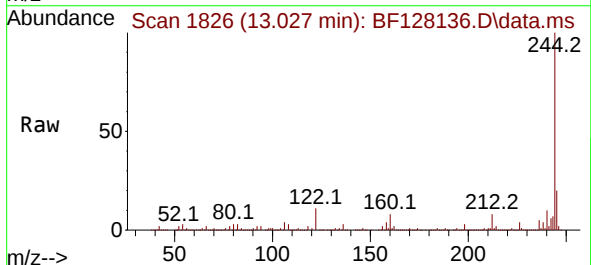
Instrument :
BNA_F
ClientSampleId :
MMC-PIT2

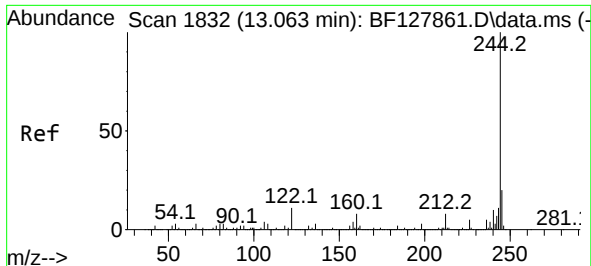
Tgt Ion:240 Resp: 253011
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 25.5 20.3 30.5



#77
Benzidine
Concen: 5.310 ng
RT: 13.027 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF128136.D
Acq: 06 May 2022 20:54

Tgt Ion:184 Resp: 25419
Ion Ratio Lower Upper
184 100
185 15.9 12.1 18.1
183 6.4 9.0 13.4#

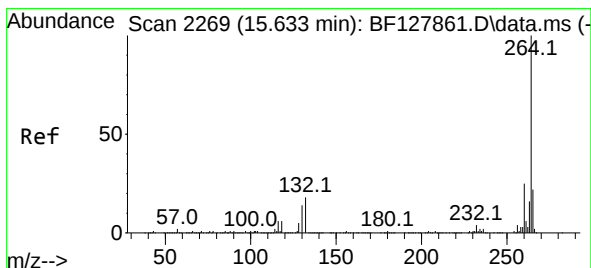
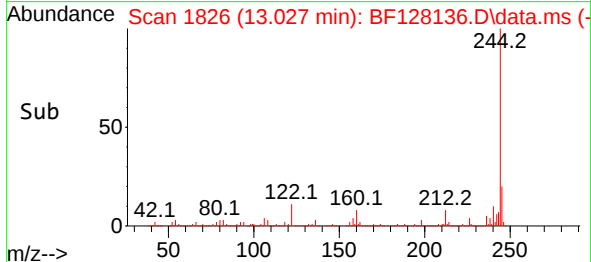
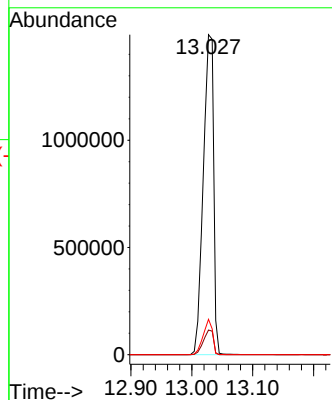
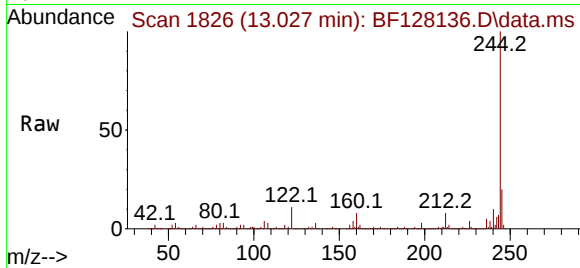




#79
 Terphenyl-d14
 Concen: 126.596 ng
 RT: 13.027 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF128136.D
 Acq: 06 May 2022 20:54

Instrument :
 BNA_F
 ClientSampleId :
 MMC-PIT2

Tgt Ion:244 Resp: 1751666
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 11.0 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: BF128136.D
 Acq: 06 May 2022 20:54

Tgt Ion:264 Resp: 179822
 Ion Ratio Lower Upper
 264 100
 260 22.6 20.1 30.1
 265 20.3 17.5 26.3

