

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128137.D
 Acq On : 06 May 2022 21:23
 Operator : CG\JU
 Sample : N2723-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MMC-PIT3

Quant Time: May 06 23:26:24 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)

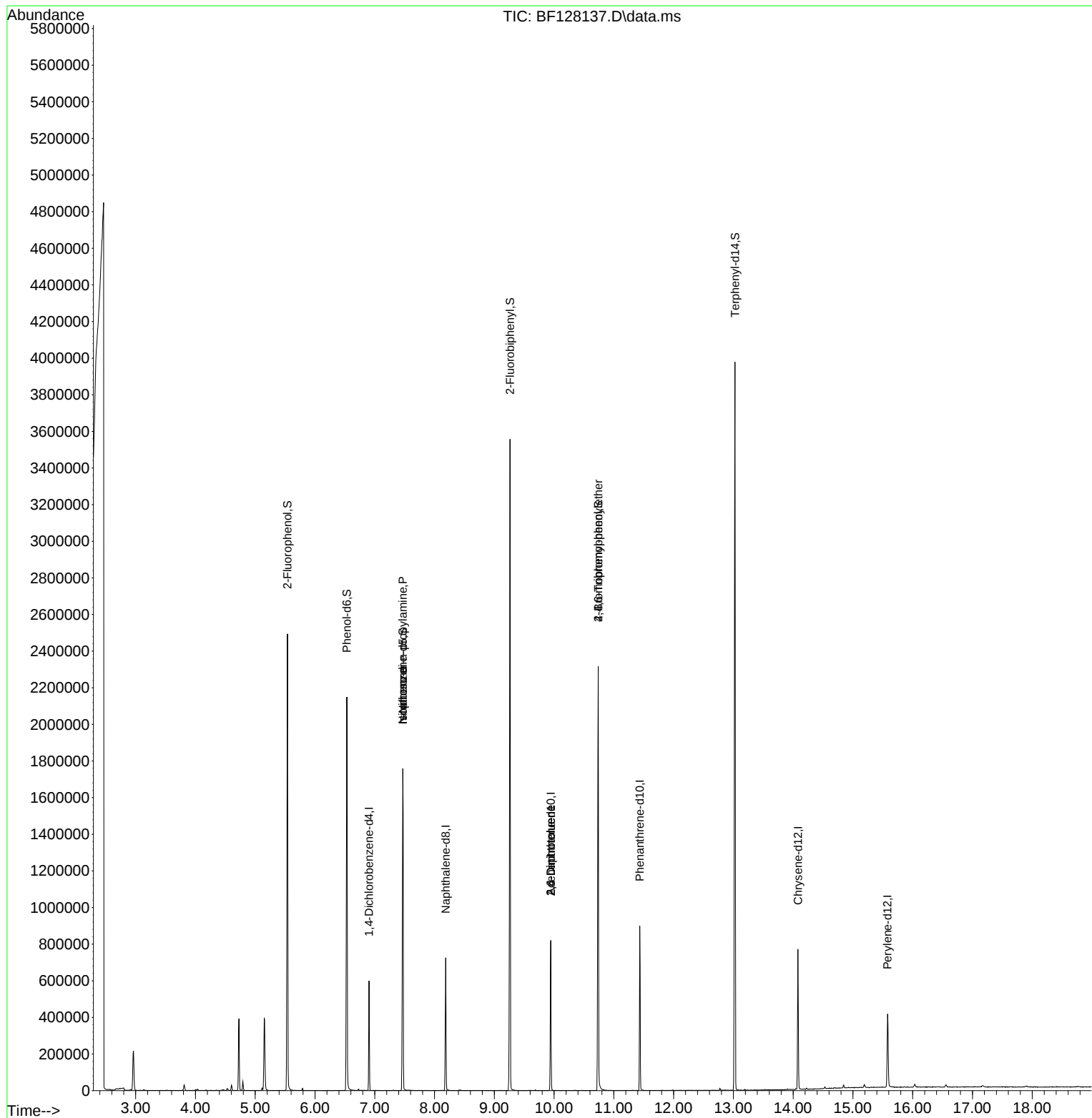
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	73837	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	287103	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	162564	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	321636	20.000	ng	-0.01
76) Chrysene-d12	14.080	240	251541	20.000	ng	-0.01
86) Perylene-d12	15.580	264	185685	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	618617	133.446	ng	0.00
7) Phenol-d6	6.534	99	756045	125.690	ng	-0.01
23) Nitrobenzene-d5	7.469	82	653088	106.968	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	283136	173.015	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1037471	107.966	ng	0.00
79) Terphenyl-d14	13.027	244	1399477	101.734	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	88445	24.020	ng	# 82
25) Isophorone	7.469	82	653079	63.555	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	21911	9.282	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	21911	7.008	ng	# 25
67) 4-Bromophenyl-phenylether	10.739	248	17701	4.964	ng	# 1

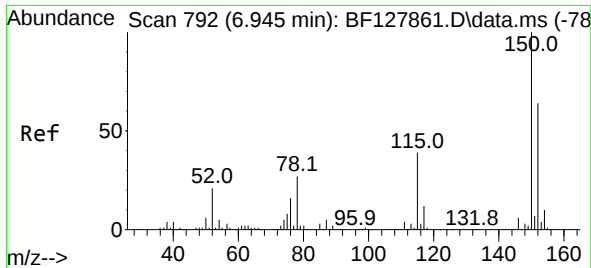
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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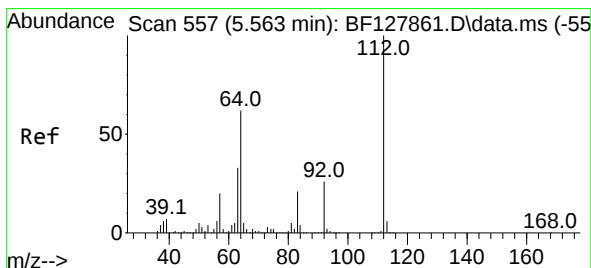
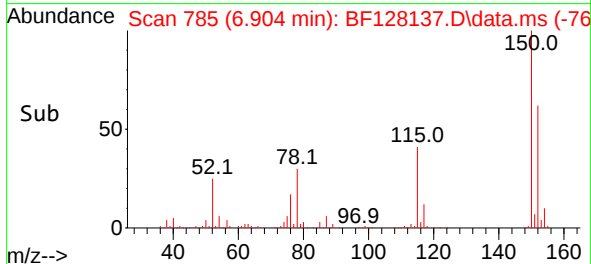
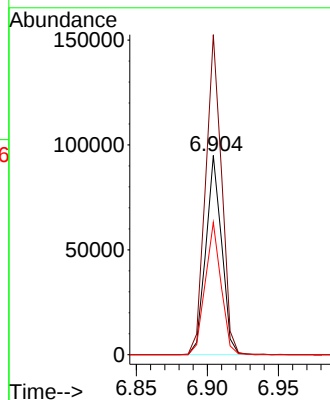
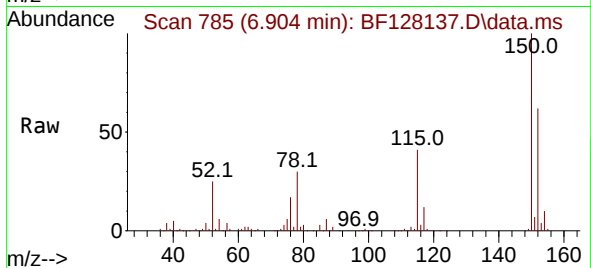




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128137.D
 Acq: 06 May 2022 21:23

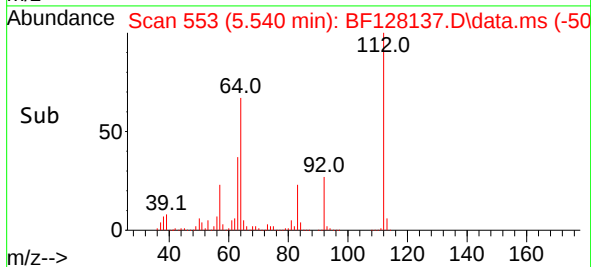
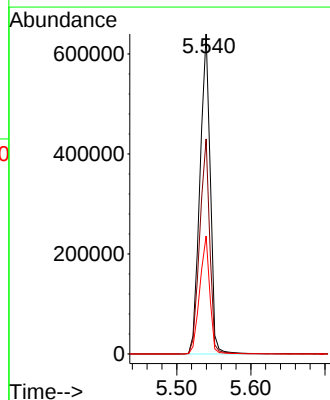
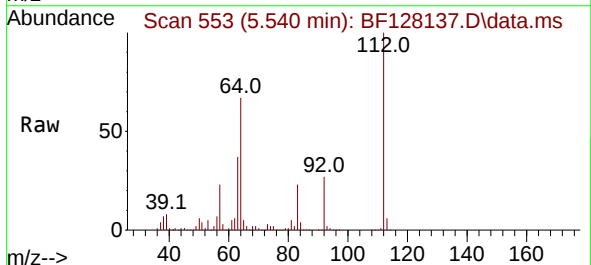
Instrument :
 BNA_F
 ClientSampleId :
 MMC-PIT3

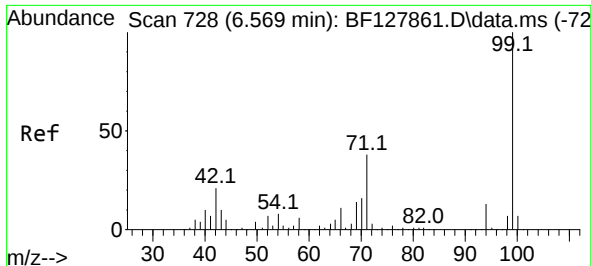
Tgt Ion:152 Resp: 73837
 Ion Ratio Lower Upper
 152 100
 150 160.7 125.3 187.9
 115 66.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 133.446 ng
 RT: 5.540 min Scan# 553
 Delta R.T. 0.006 min
 Lab File: BF128137.D
 Acq: 06 May 2022 21:23

Tgt Ion:112 Resp: 618617
 Ion Ratio Lower Upper
 112 100
 64 67.2 49.5 74.3
 63 36.8 26.3 39.5

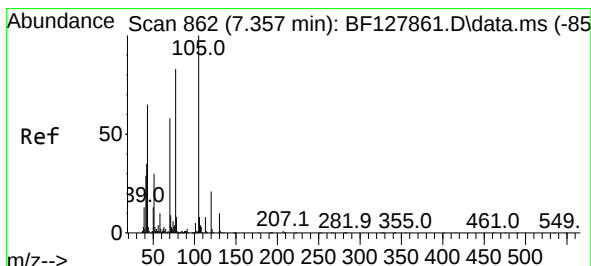
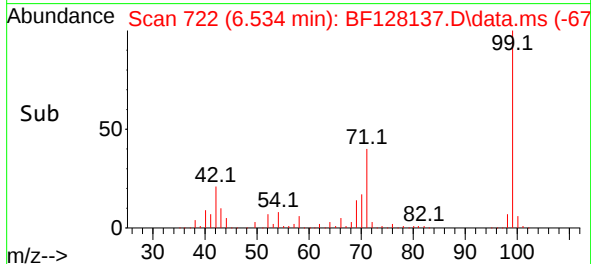
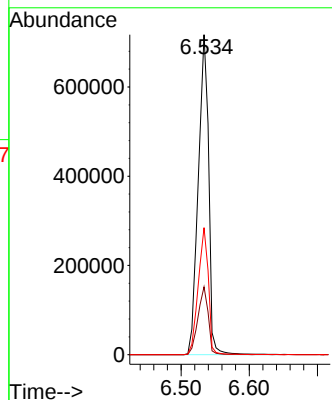
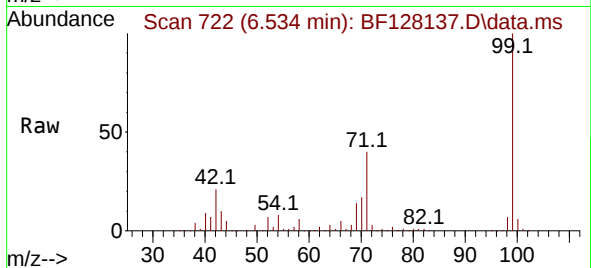




#7
Phenol-d6
Concen: 125.690 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128137.D
Acq: 06 May 2022 21:23

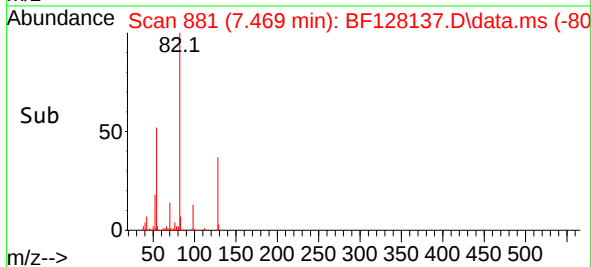
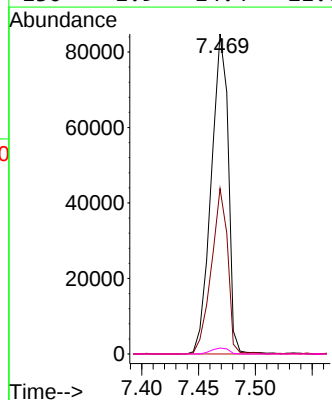
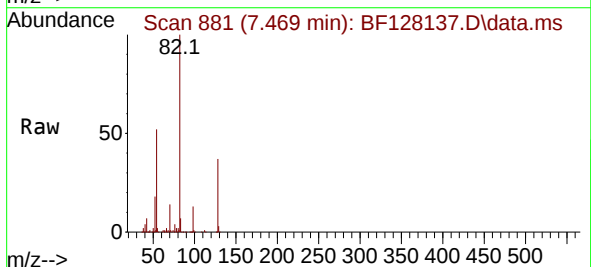
Instrument :
BNA_F
ClientSampleId :
MMC-PIT3

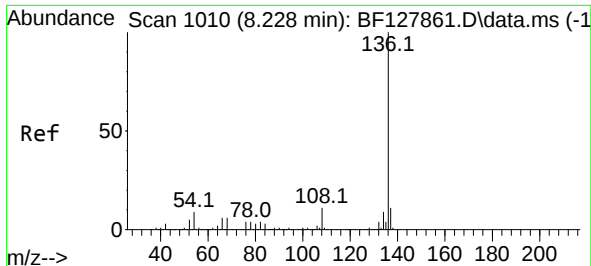
Tgt Ion: 99 Resp: 756045
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 39.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 24.020 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128137.D
Acq: 06 May 2022 21:23

Tgt Ion: 70 Resp: 88445
Ion Ratio Lower Upper
70 100
42 51.7 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

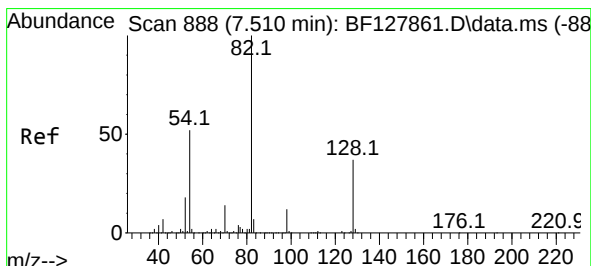
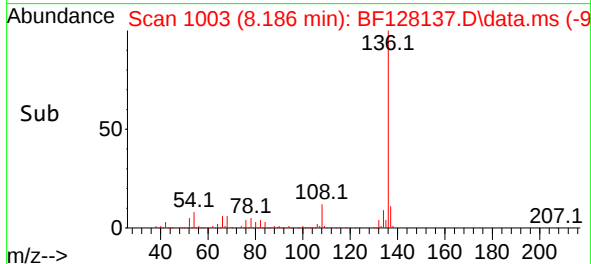
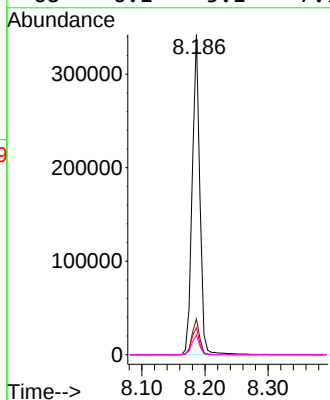
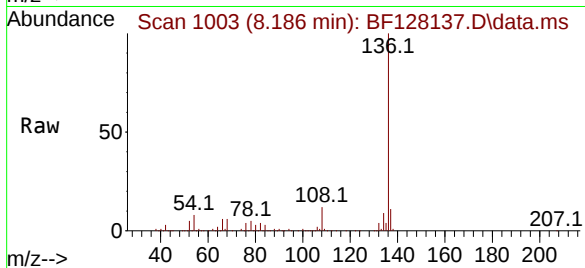




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128137.D
Acq: 06 May 2022 21:23

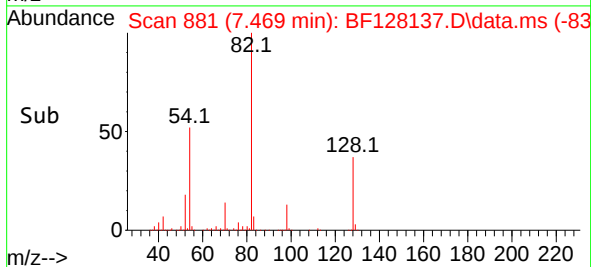
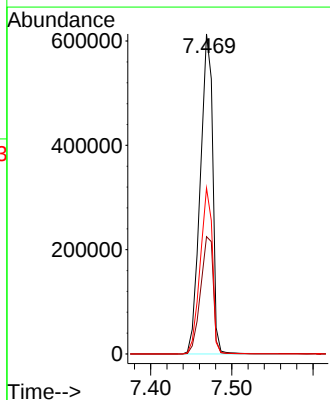
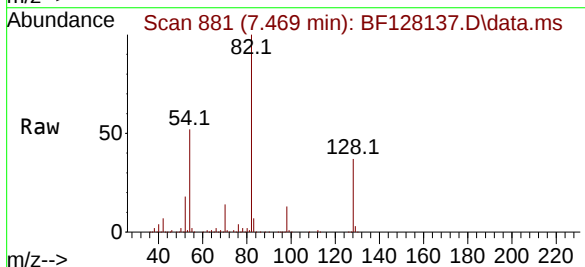
Instrument :
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MMC-PIT3

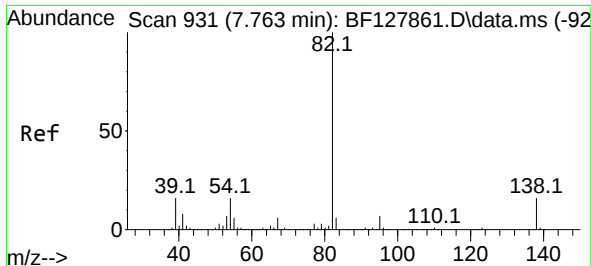
Tgt Ion:	136	Resp:	287103
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.4	6.8	10.2
68	6.1	5.1	7.7



#23
Nitrobenzene-d5
Concen: 106.968 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128137.D
Acq: 06 May 2022 21:23

Tgt Ion:	82	Resp:	653088
Ion	Ratio	Lower	Upper
82	100		
128	36.6	30.0	45.0
54	51.9	41.3	61.9

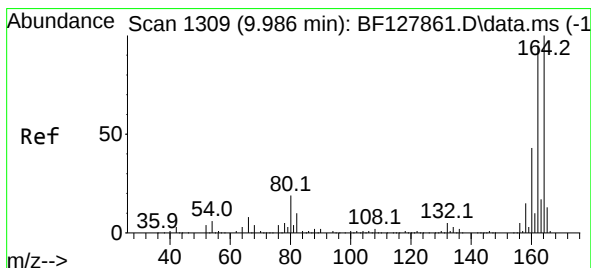
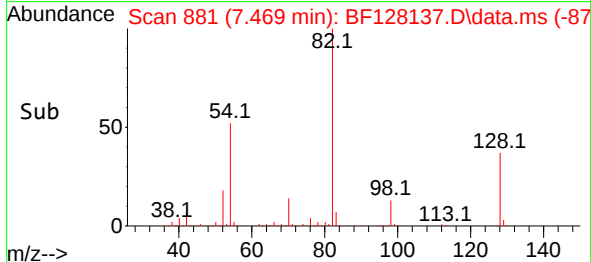
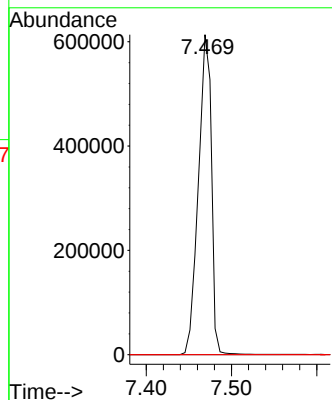
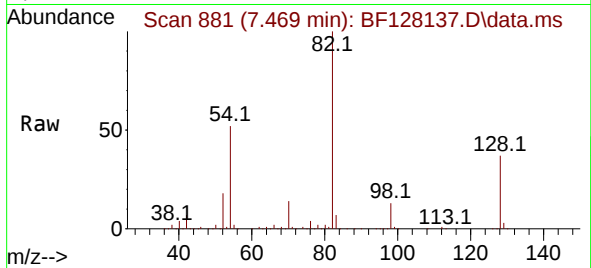




#25
Isophorone
Concen: 63.555 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128137.D
Acq: 06 May 2022 21:23

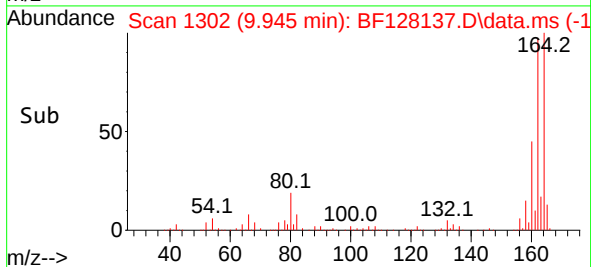
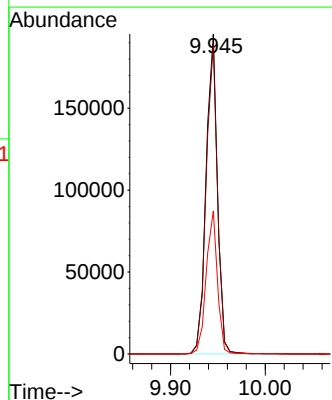
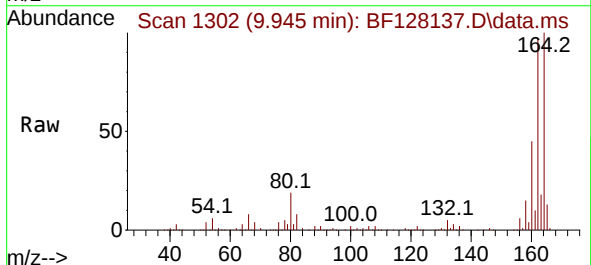
Instrument :
BNA_F
ClientSampleId :
MMC-PIT3

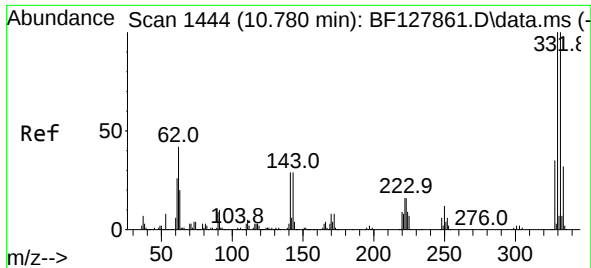
Tgt Ion: 82 Resp: 653079
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128137.D
Acq: 06 May 2022 21:23

Tgt Ion: 164 Resp: 162564
Ion Ratio Lower Upper
164 100
162 97.0 76.0 114.0
160 44.7 34.8 52.2

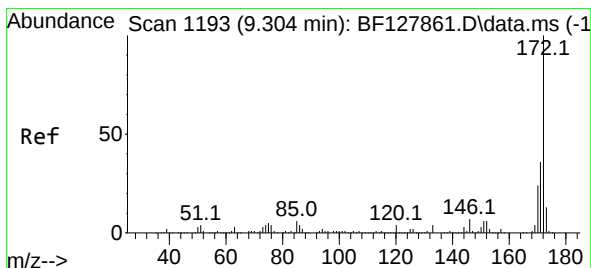
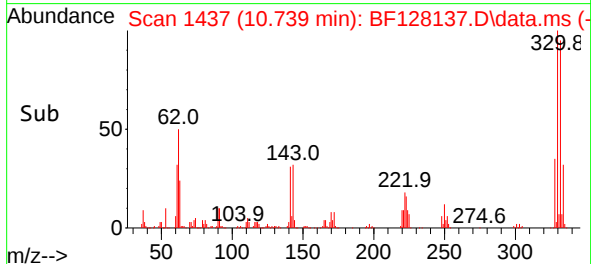
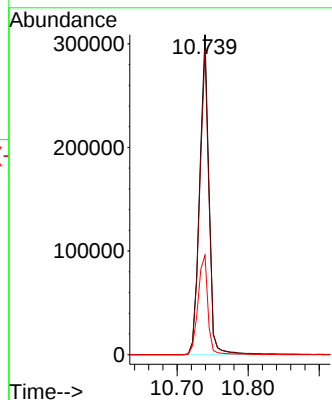
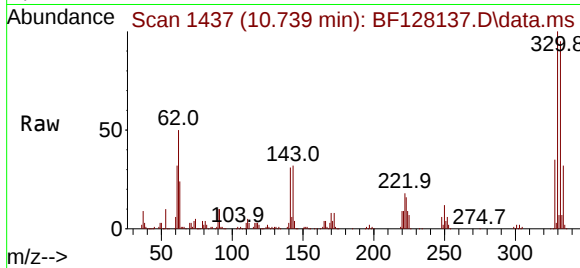




#42
2,4,6-Tribromophenol
Concen: 173.015 ng
RT: 10.739 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128137.D
Acq: 06 May 2022 21:23

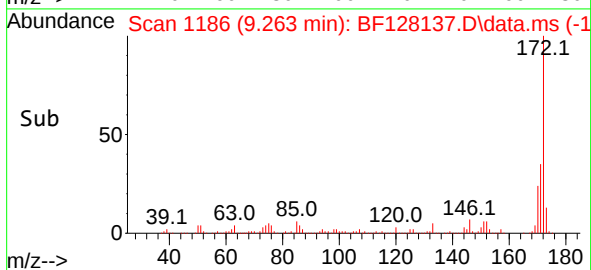
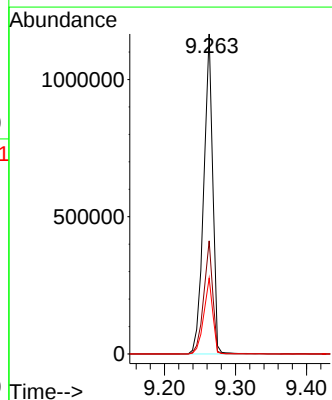
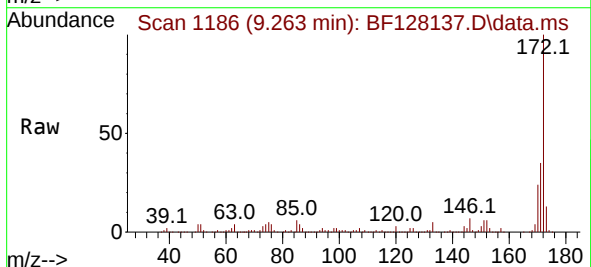
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ClientSampleId :
MMC-PIT3

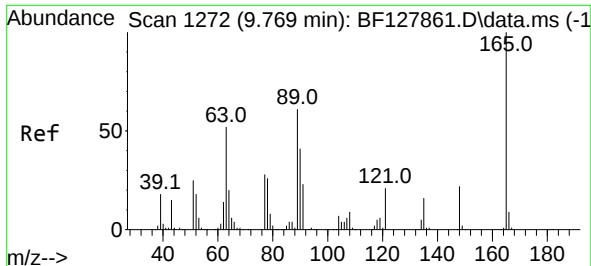
Tgt Ion:330 Resp: 283136
Ion Ratio Lower Upper
330 100
332 95.8 79.0 118.4
141 32.9 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 107.966 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF128137.D
Acq: 06 May 2022 21:23

Tgt Ion:172 Resp: 1037471
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.7 19.1 28.7

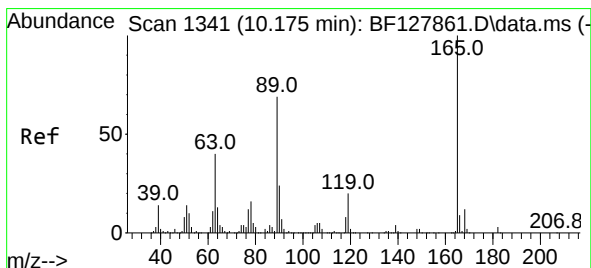
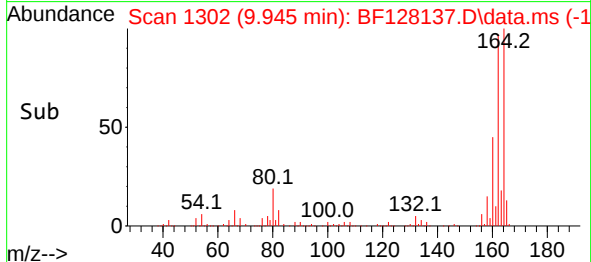
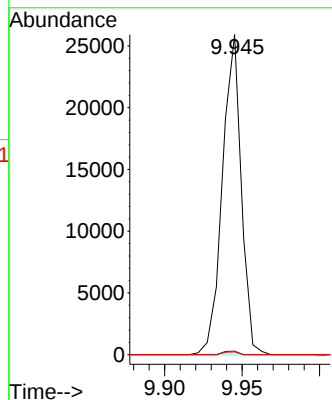
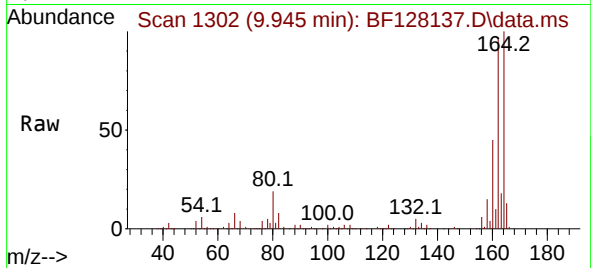




#51
2,6-Dinitrotoluene
Concen: 9.282 ng
RT: 9.945 min Scan# 1302
Delta R.T. 0.206 min
Lab File: BF128137.D
Acq: 06 May 2022 21:23

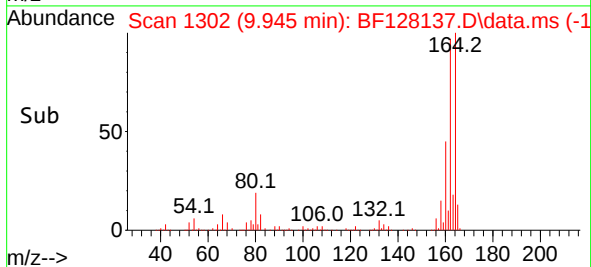
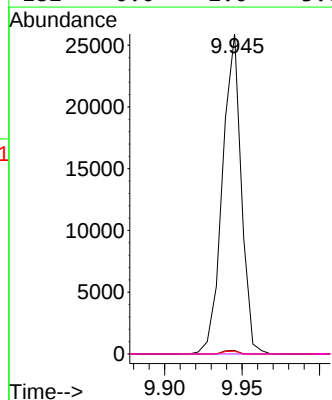
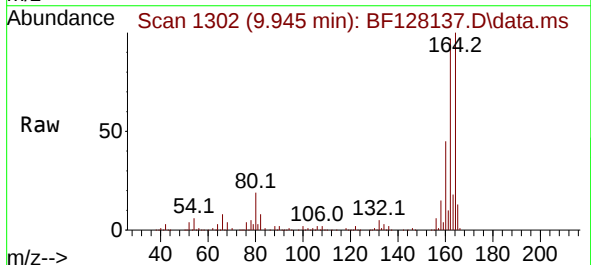
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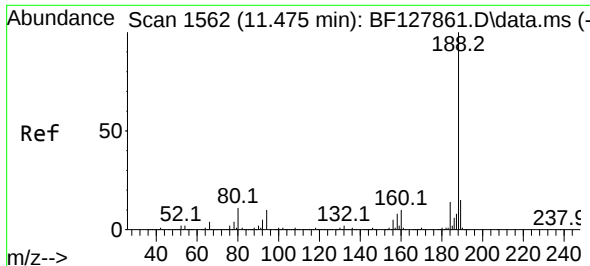
Tgt Ion:165 Resp: 21911
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 0.9 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.008 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128137.D
Acq: 06 May 2022 21:23

Tgt Ion:165 Resp: 21911
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#

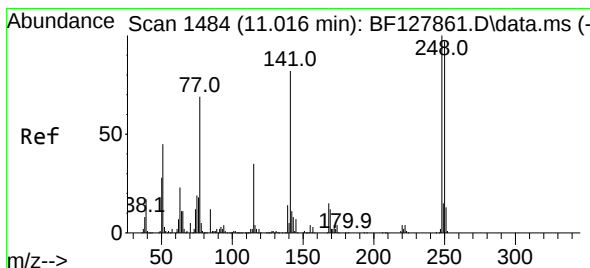
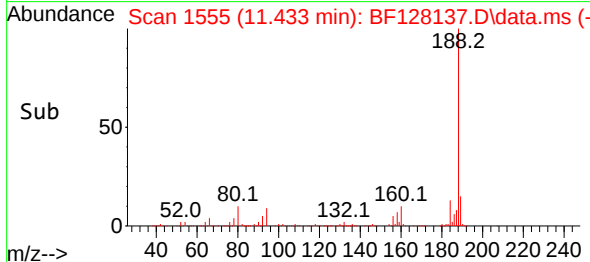
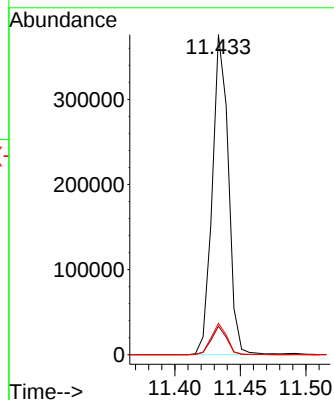
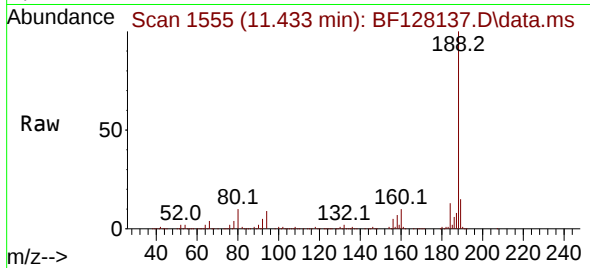




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128137.D
Acq: 06 May 2022 21:23

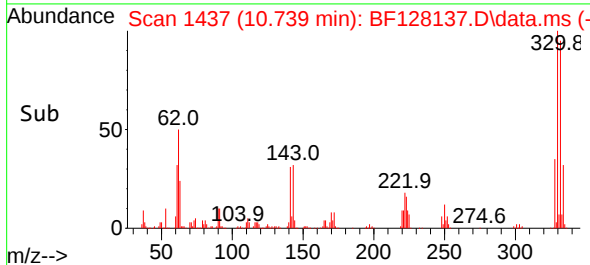
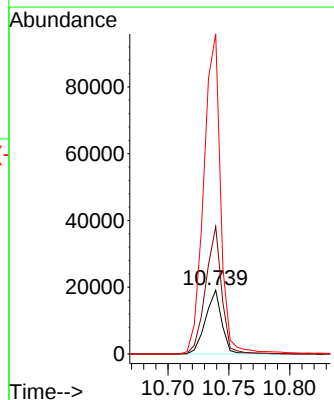
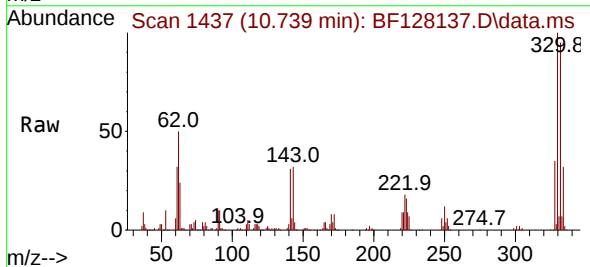
Instrument :
BNA_F
ClientSampleId :
MMC-PIT3

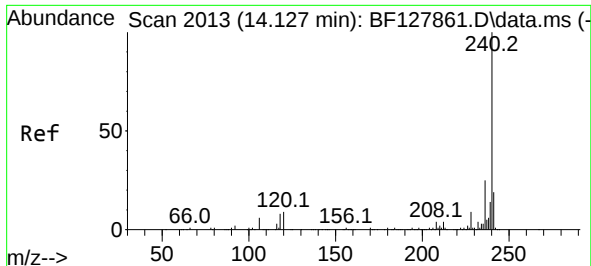
Tgt Ion:188 Resp: 321636
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 9.8 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.964 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF128137.D
Acq: 06 May 2022 21:23

Tgt Ion:248 Resp: 17701
Ion Ratio Lower Upper
248 100
250 199.6 77.7 116.5#
141 501.4 65.6 98.4#

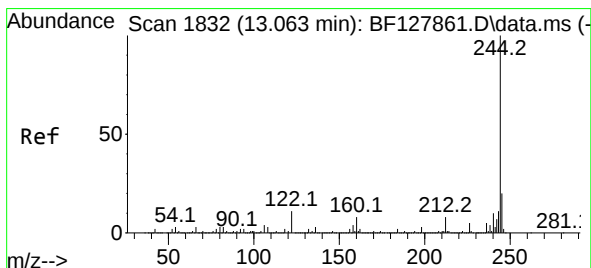
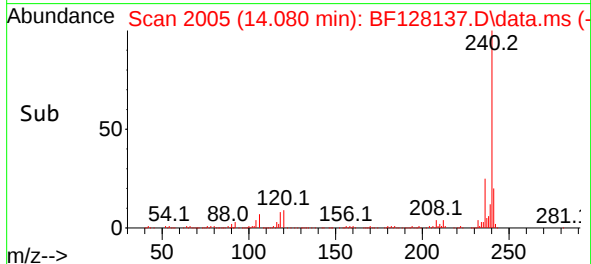
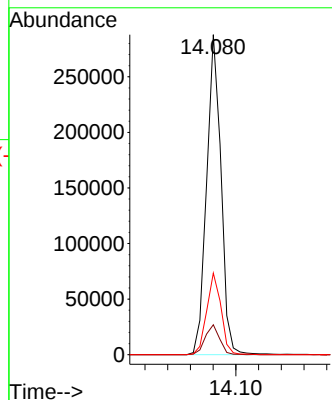
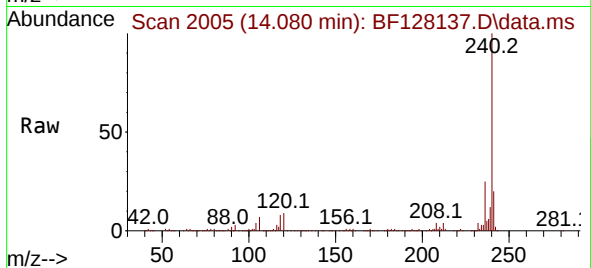




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF128137.D
Acq: 06 May 2022 21:23

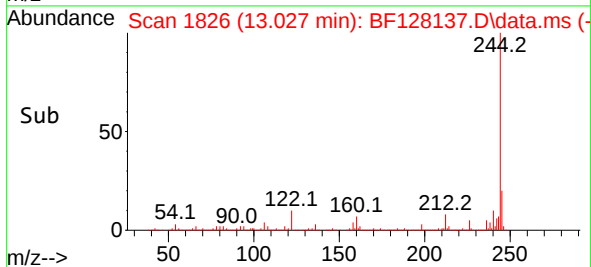
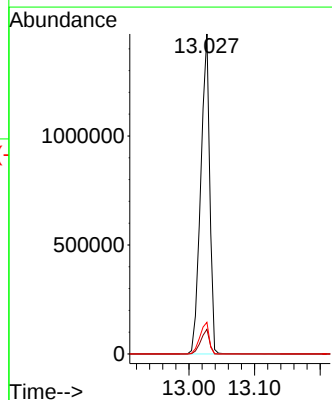
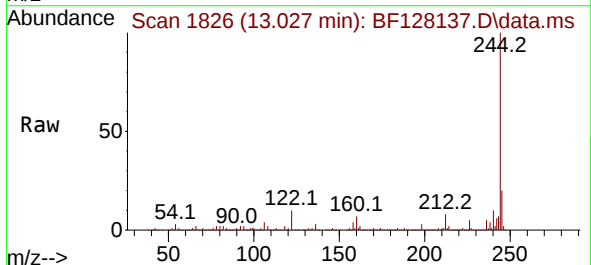
Instrument :
BNA_F
ClientSampleId :
MMC-PIT3

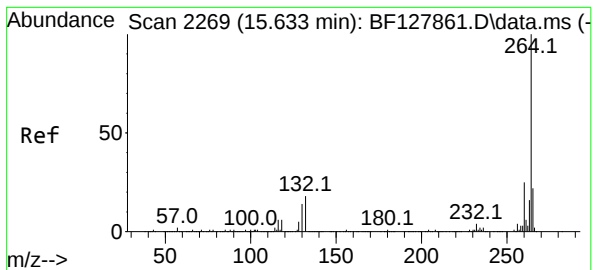
Tgt Ion:240 Resp: 251541
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 25.5 20.3 30.5



#79
Terphenyl-d14
Concen: 101.734 ng
RT: 13.027 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF128137.D
Acq: 06 May 2022 21:23

Tgt Ion:244 Resp: 1399477
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.4
122 9.9 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF128137.D
 Acq: 06 May 2022 21:23

Instrument :
 BNA_F
 ClientSampleId :
 MMC-PIT3

Tgt Ion:264 Resp: 185685
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 21.6 17.5 26.3

