

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132134.D
 Acq On : 18 Jan 2023 23:47
 Operator : CG\JU
 Sample : 01159-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-6

Quant Time: Jan 19 05:24:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

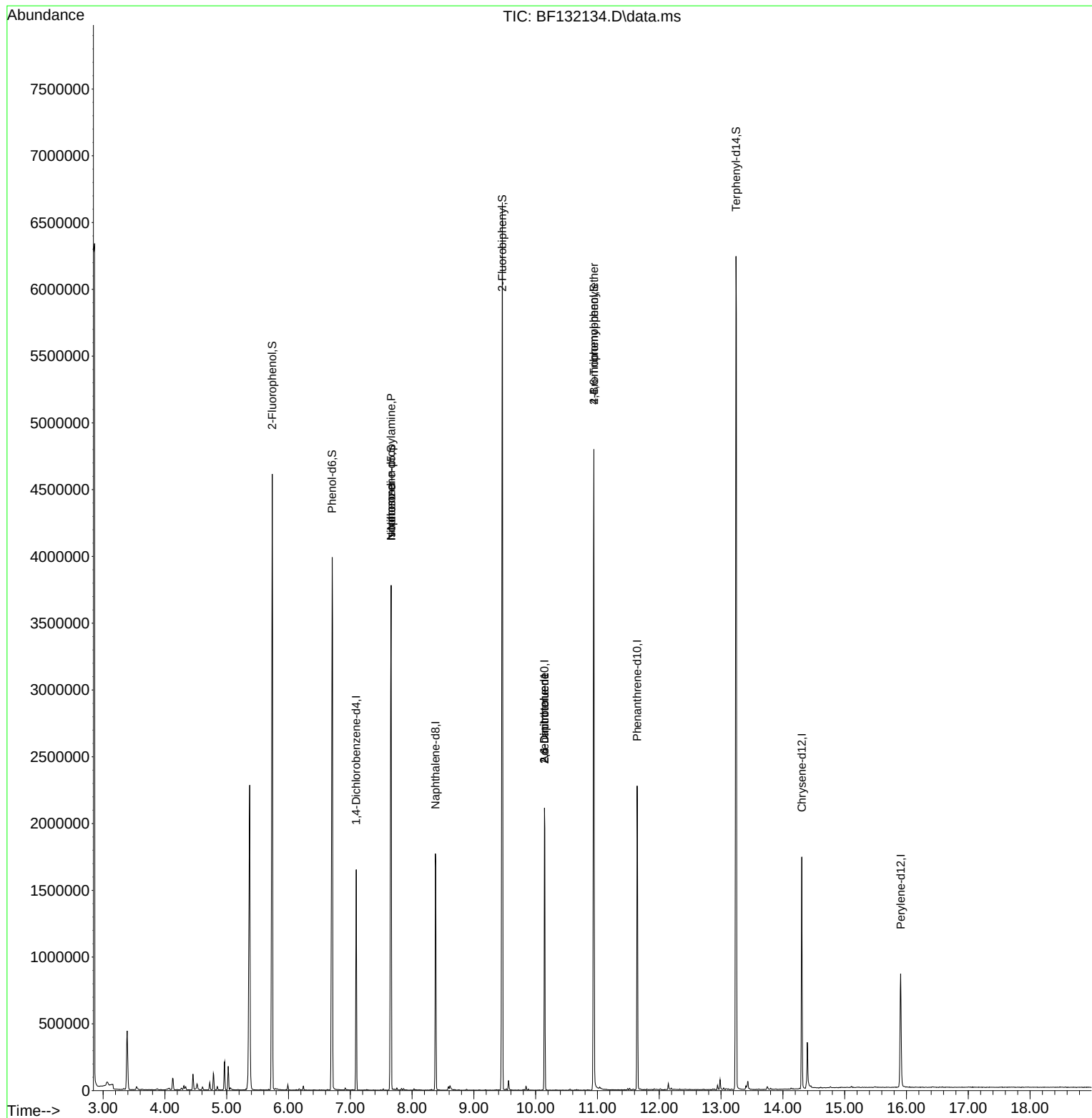
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.096	152	213362	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	772149	20.000	ng	-0.01
39) Acenaphthene-d10	10.142	164	425279	20.000	ng	-0.01
64) Phenanthrene-d10	11.642	188	837818	20.000	ng	0.00
76) Chrysene-d12	14.307	240	566078	20.000	ng	0.00
86) Perylene-d12	15.907	264	438278	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	1353357	112.850	ng	0.02
7) Phenol-d6	6.707	99	1634108	105.476	ng	0.00
23) Nitrobenzene-d5	7.660	82	1289484	88.644	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	621089	133.479	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	2079700	85.085	ng	0.00
79) Terphenyl-d14	13.242	244	2545637	72.965	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.660	70	177201	18.193	ng	# 78
25) Isophorone	7.660	82	1289469	44.302	ng	# 66
51) 2,6-Dinitrotoluene	10.142	165	55188	8.391	ng	# 16
57) 2,4-Dinitrotoluene	10.142	165	55188	6.794	ng	# 16
67) 4-Bromophenyl-phenylether	10.942	248	38820	4.079	ng	# 1

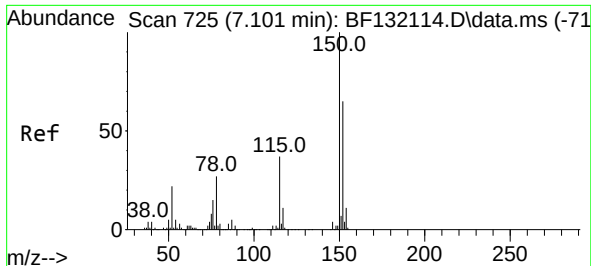
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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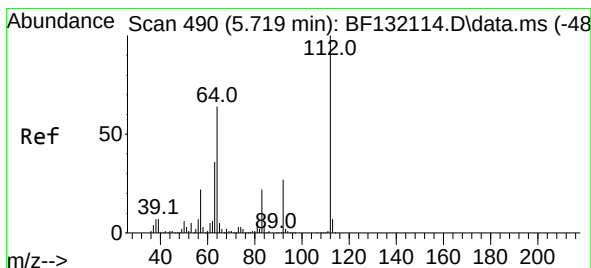
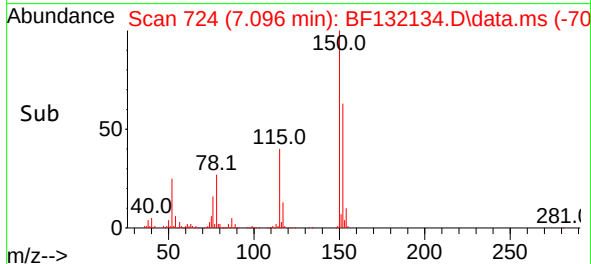
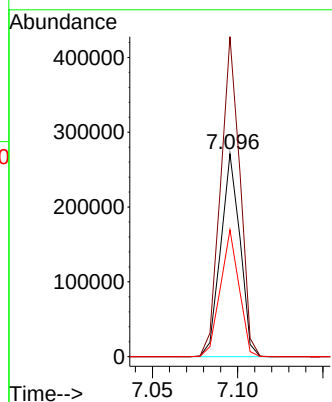
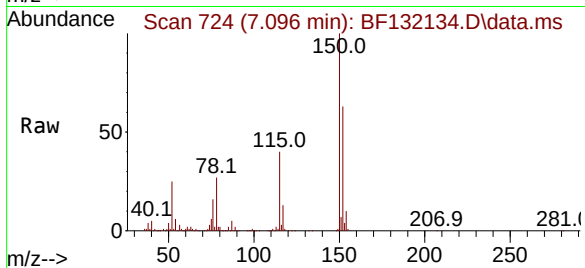




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.096 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF132134.D
Acq: 18 Jan 2023 23:47

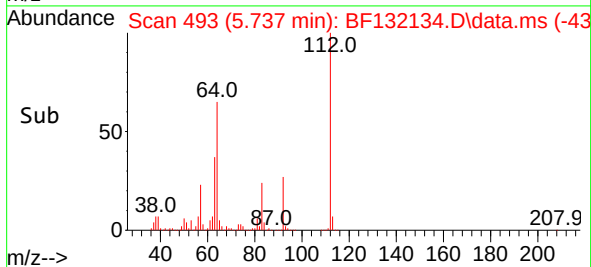
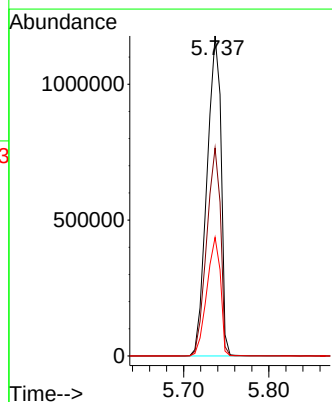
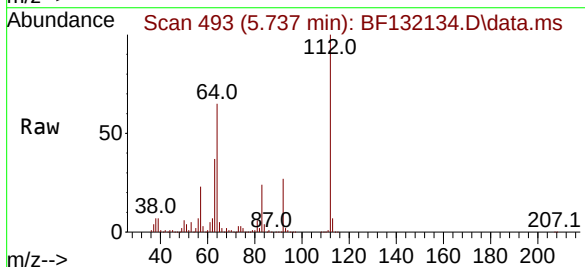
Instrument :
BNA_F
ClientSampleId :
MH-6

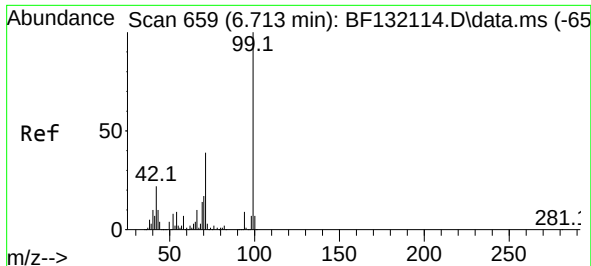
Tgt Ion:152 Resp: 213362
Ion Ratio Lower Upper
152 100
150 157.7 123.3 184.9
115 62.6 45.8 68.6



#5
2-Fluorophenol
Concen: 112.850 ng
RT: 5.737 min Scan# 493
Delta R.T. 0.018 min
Lab File: BF132134.D
Acq: 18 Jan 2023 23:47

Tgt Ion:112 Resp: 1353357
Ion Ratio Lower Upper
112 100
64 65.0 51.0 76.6
63 37.1 28.7 43.1

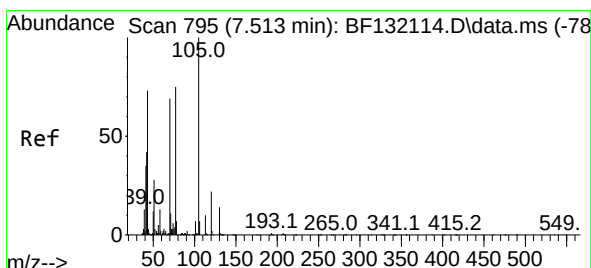
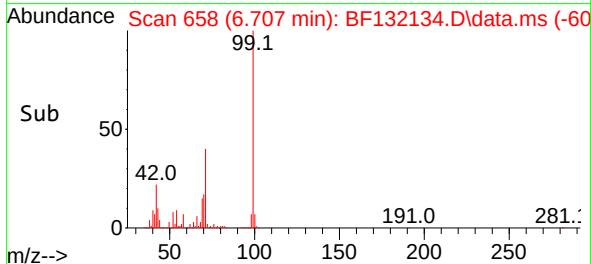
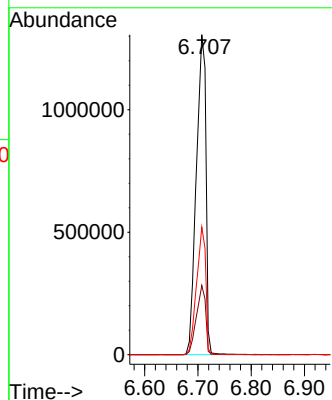
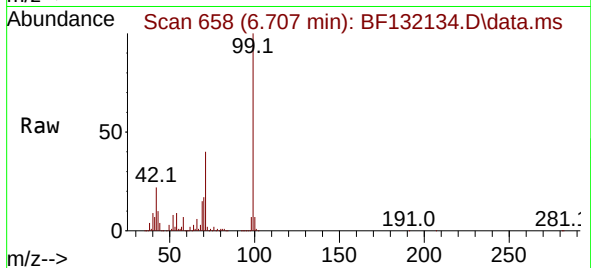




#7
Phenol-d6
Concen: 105.476 ng
RT: 6.707 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132134.D
Acq: 18 Jan 2023 23:47

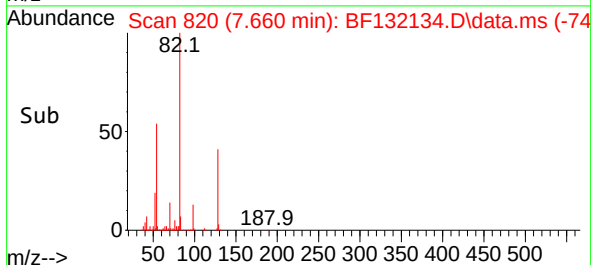
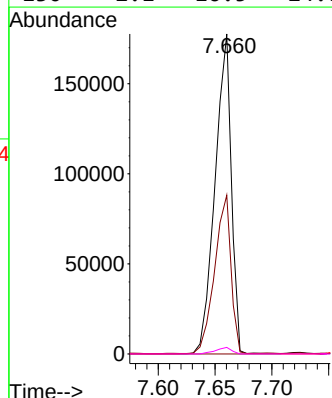
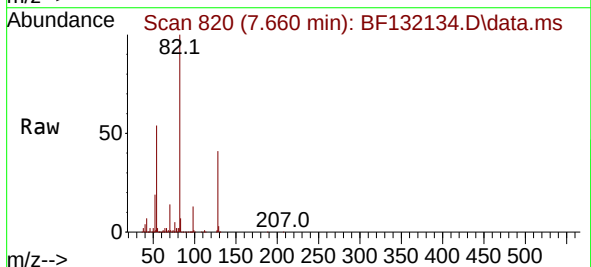
Instrument :
BNA_F
ClientSampleId :
MH-6

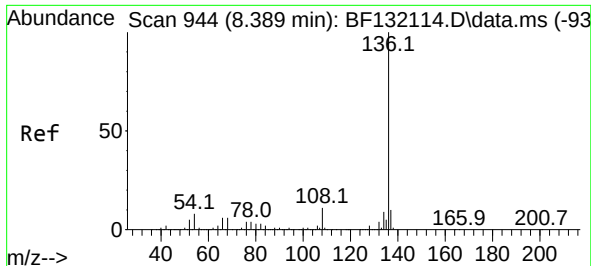
Tgt Ion: 99 Resp: 1634108
Ion Ratio Lower Upper
99 100
42 21.6 17.2 25.8
71 39.9 31.0 46.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.193 ng
RT: 7.660 min Scan# 820
Delta R.T. 0.147 min
Lab File: BF132134.D
Acq: 18 Jan 2023 23:47

Tgt Ion: 70 Resp: 177201
Ion Ratio Lower Upper
70 100
42 49.6 48.5 72.7
101 0.0 7.8 11.8#
130 2.1 16.5 24.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.378 min Scan# 94

Delta R.T. -0.012 min

Lab File: BF132134.D

Acq: 18 Jan 2023 23:47

Instrument :

BNA_F

ClientSampleId :

MH-6

Tgt Ion:136 Resp: 772149

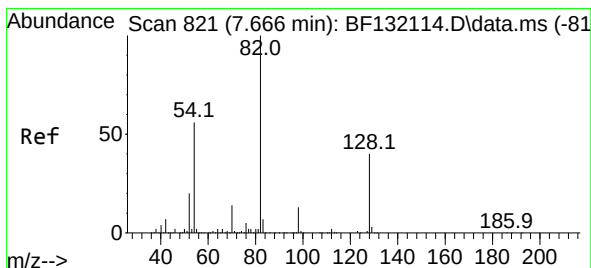
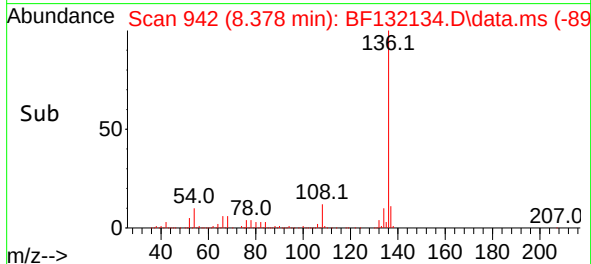
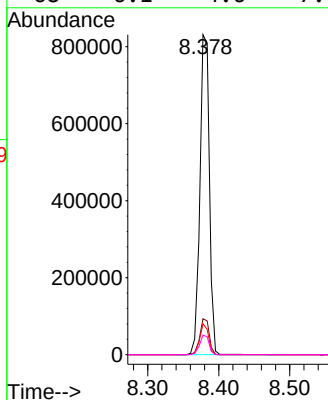
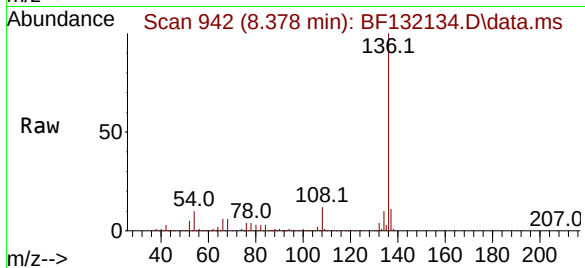
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 9.6 6.6 10.0

68 6.1 4.6 7.0



#23

Nitrobenzene-d5

Concen: 88.644 ng

RT: 7.660 min Scan# 820

Delta R.T. -0.006 min

Lab File: BF132134.D

Acq: 18 Jan 2023 23:47

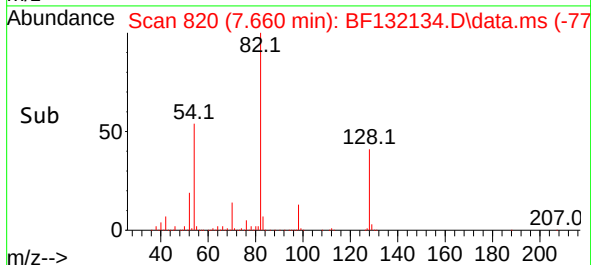
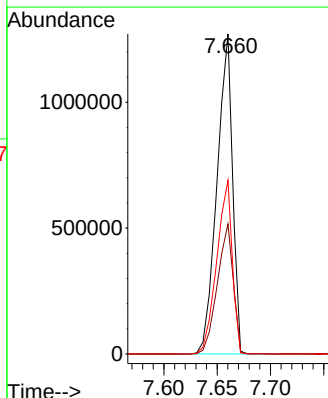
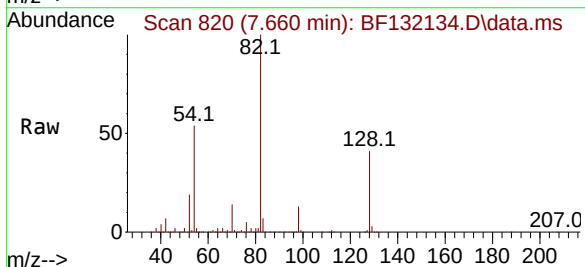
Tgt Ion: 82 Resp: 1289484

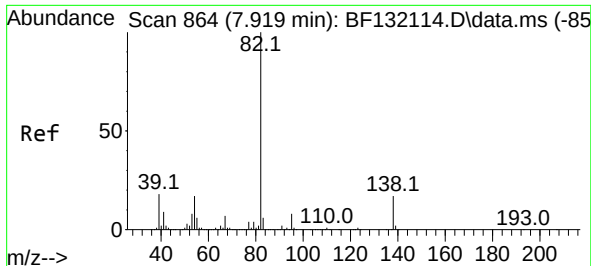
Ion Ratio Lower Upper

82 100

128 40.7 32.0 48.0

54 54.2 45.1 67.7

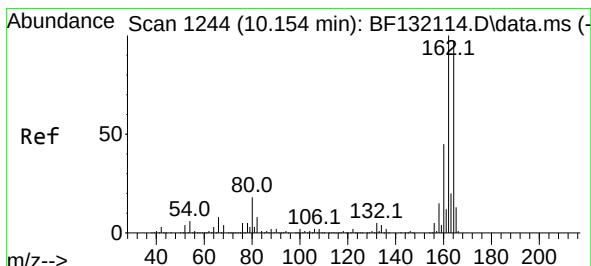
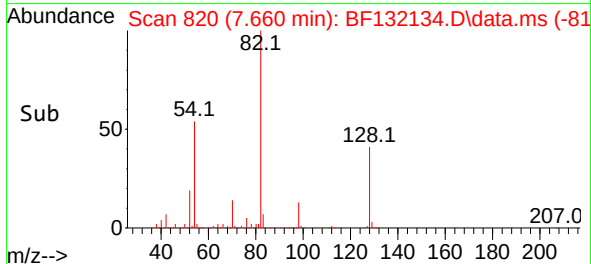
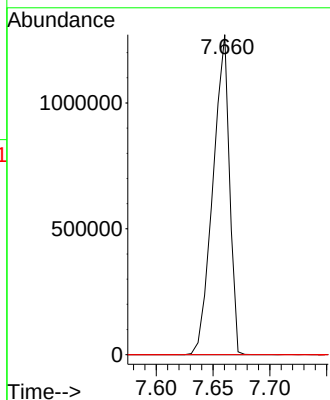
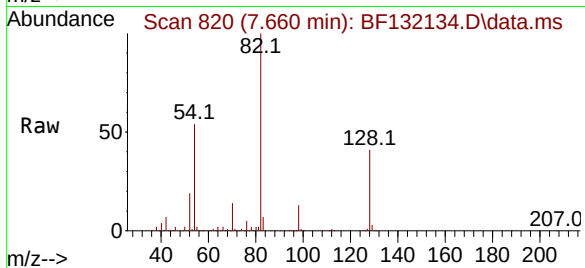




#25
Isophorone
Concen: 44.302 ng
RT: 7.660 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132134.D
Acq: 18 Jan 2023 23:47

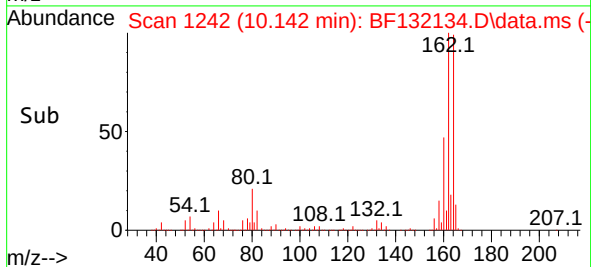
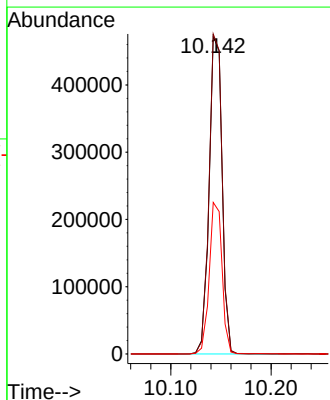
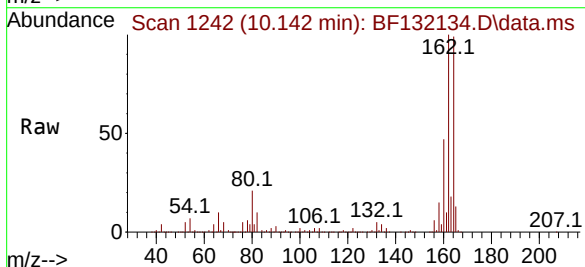
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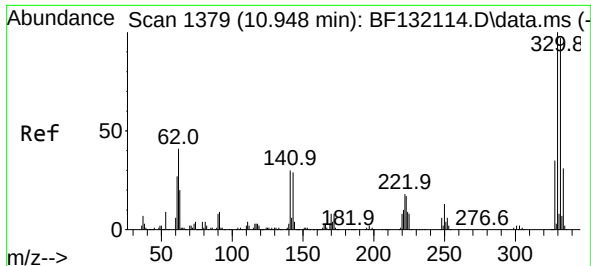
Tgt Ion: 82 Resp: 1289469
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.142 min Scan# 1242
Delta R.T. -0.012 min
Lab File: BF132134.D
Acq: 18 Jan 2023 23:47

Tgt Ion:164 Resp: 425279
Ion Ratio Lower Upper
164 100
162 100.6 82.3 123.5
160 47.7 37.3 55.9

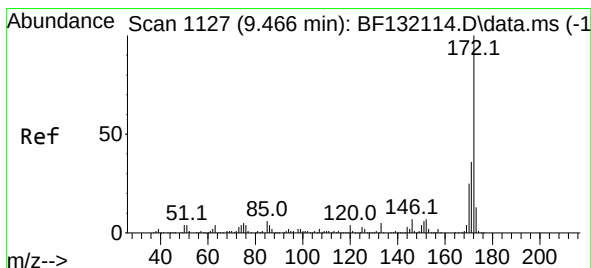
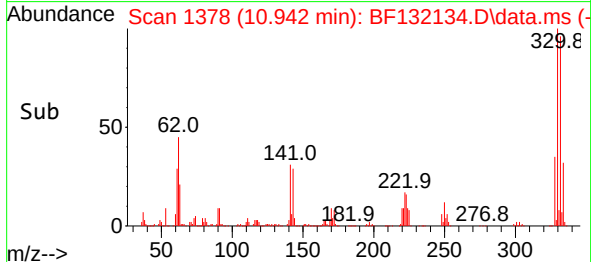
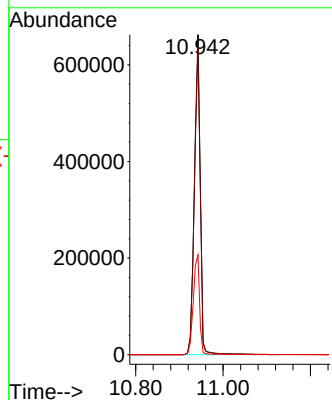
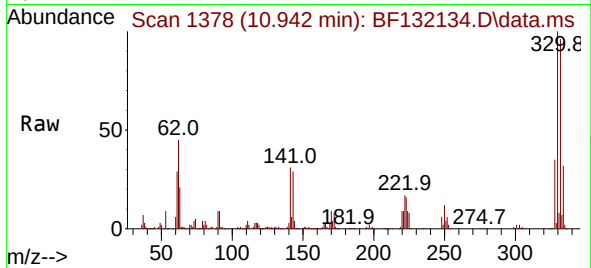




#42
2,4,6-Tribromophenol
Concen: 133.479 ng
RT: 10.942 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF132134.D
Acq: 18 Jan 2023 23:47

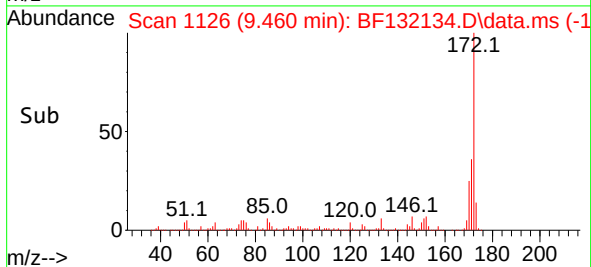
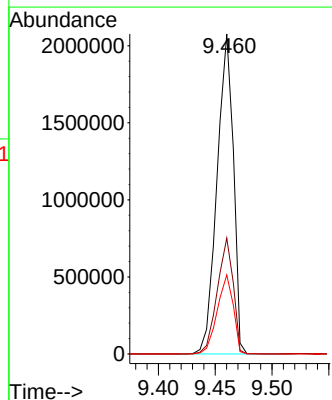
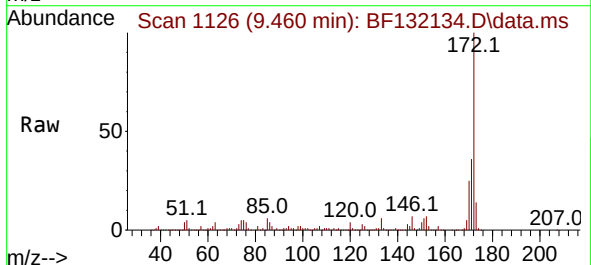
Instrument :
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ClientSampleId :
MH-6

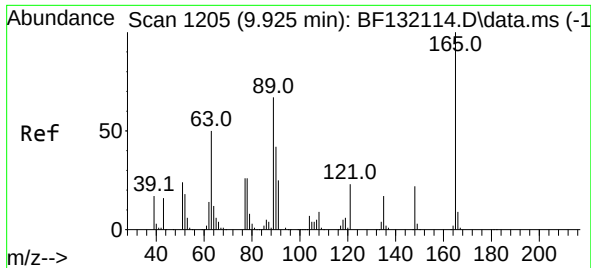
Tgt Ion:330 Resp: 621089
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 33.1 28.2 42.4



#45
2-Fluorobiphenyl
Concen: 85.085 ng
RT: 9.460 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BF132134.D
Acq: 18 Jan 2023 23:47

Tgt Ion:172 Resp: 2079700
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.7 19.7 29.5

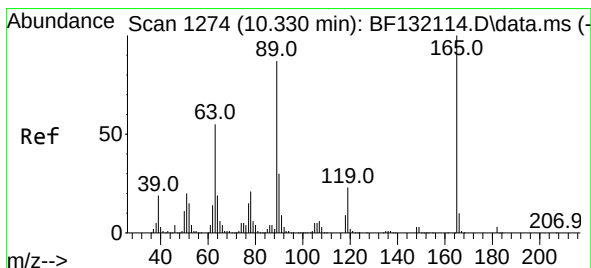
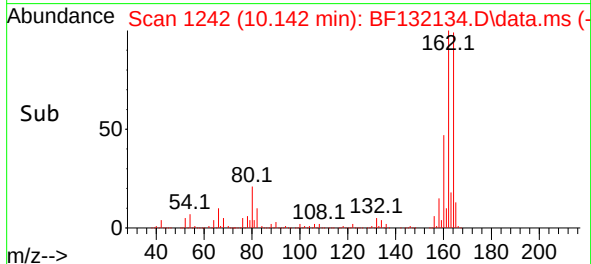
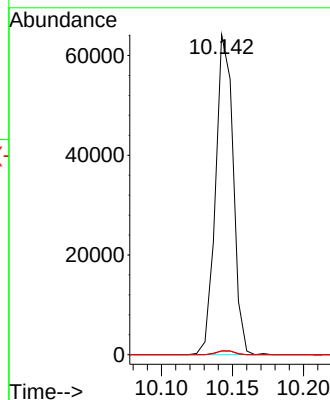
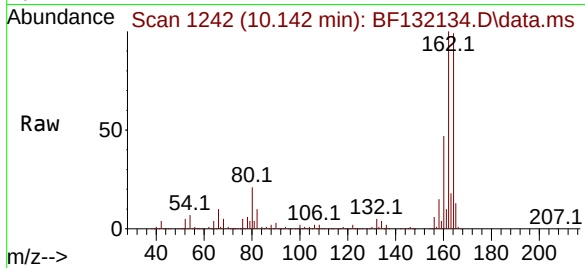




#51
2,6-Dinitrotoluene
Concen: 8.391 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.218 min
Lab File: BF132134.D
Acq: 18 Jan 2023 23:47

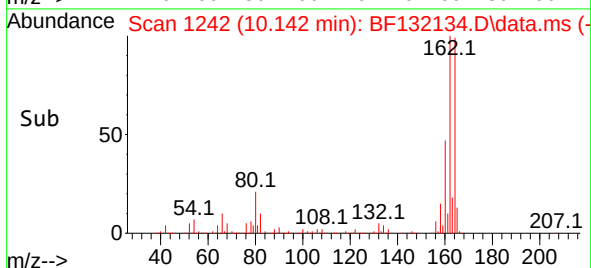
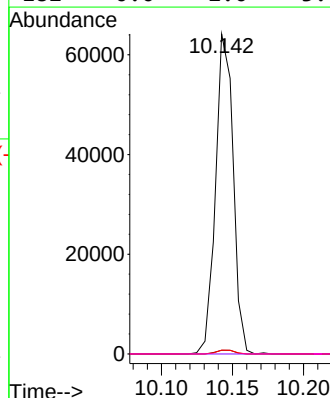
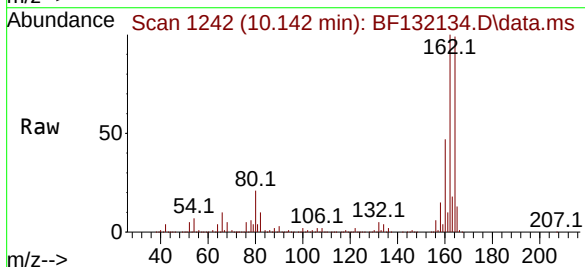
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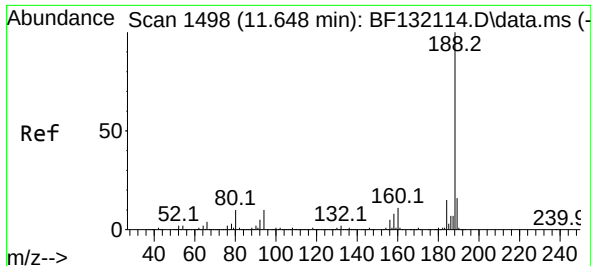
Tgt Ion:165 Resp: 55188
Ion Ratio Lower Upper
165 100
63 1.1 57.0 85.4#
89 1.2 54.0 81.0#



#57
2,4-Dinitrotoluene
Concen: 6.794 ng
RT: 10.142 min Scan# 1242
Delta R.T. -0.188 min
Lab File: BF132134.D
Acq: 18 Jan 2023 23:47

Tgt Ion:165 Resp: 55188
Ion Ratio Lower Upper
165 100
63 1.1 44.1 66.1#
89 1.2 69.3 103.9#
182 0.0 2.0 3.0#

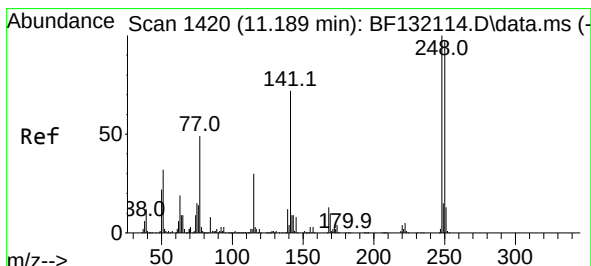
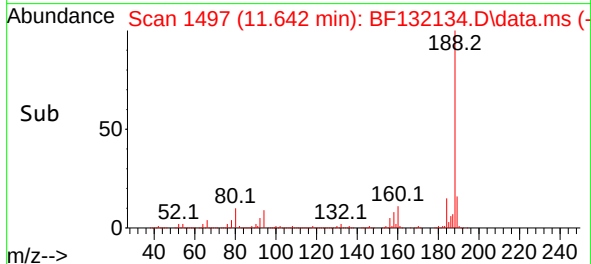
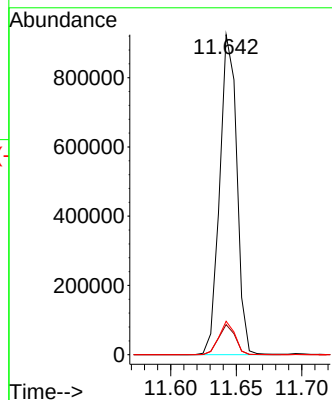
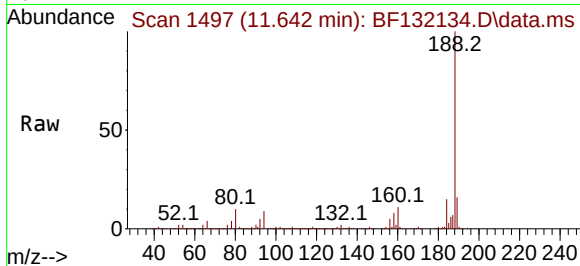




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF132134.D
Acq: 18 Jan 2023 23:47

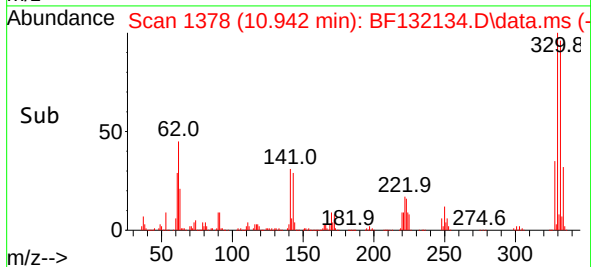
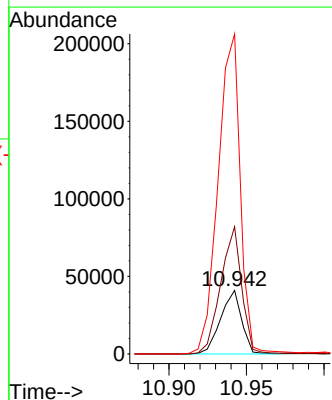
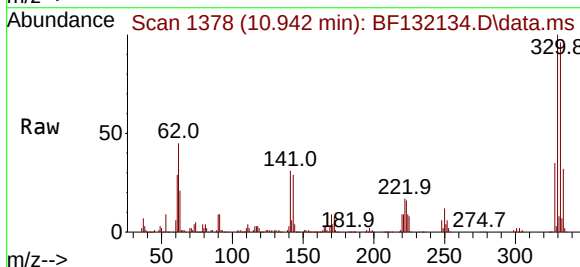
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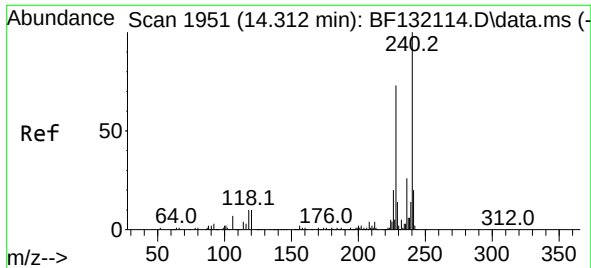
Tgt Ion:188 Resp: 837818
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.4 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.079 ng
RT: 10.942 min Scan# 1378
Delta R.T. -0.247 min
Lab File: BF132134.D
Acq: 18 Jan 2023 23:47

Tgt Ion:248 Resp: 38820
Ion Ratio Lower Upper
248 100
250 200.3 77.8 116.8#
141 504.0 57.6 86.4#

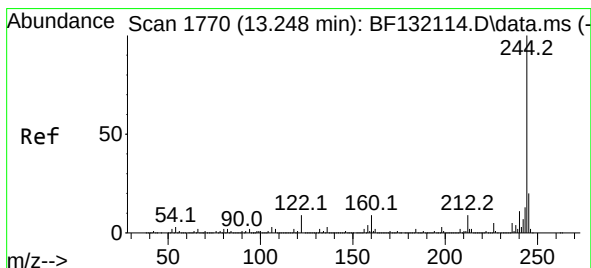
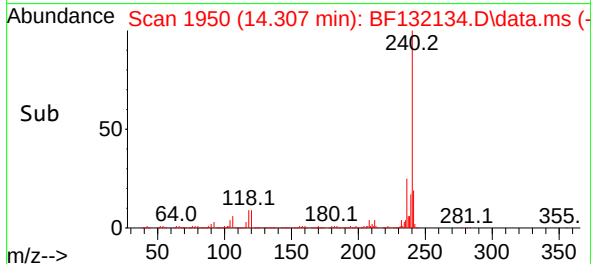
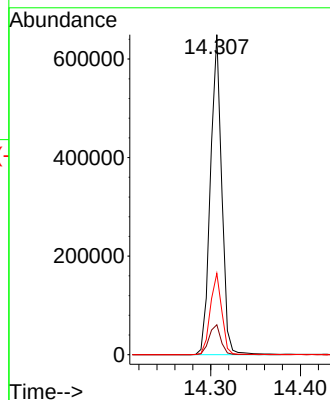
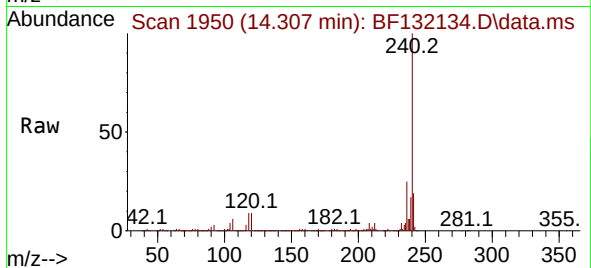




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BF132134.D
Acq: 18 Jan 2023 23:47

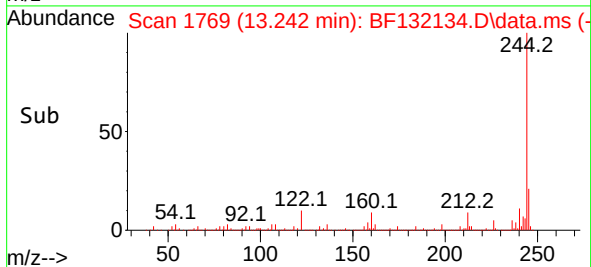
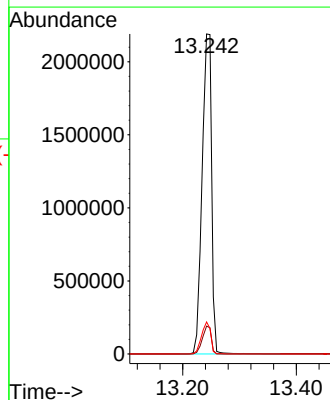
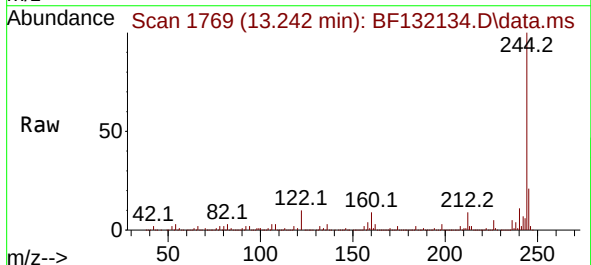
Instrument :
BNA_F
ClientSampleId :
MH-6

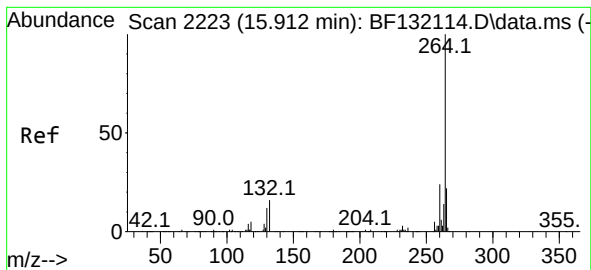
Tgt Ion:240 Resp: 566078
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.4
236 25.4 21.2 31.8



#79
Terphenyl-d14
Concen: 72.965 ng
RT: 13.242 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF132134.D
Acq: 18 Jan 2023 23:47

Tgt Ion:244 Resp: 2545637
Ion Ratio Lower Upper
244 100
212 8.7 6.9 10.3
122 10.0 7.0 10.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.907 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132134.D
 Acq: 18 Jan 2023 23:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-6

Tgt Ion:264 Resp: 438278
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.9 17.5 26.3

