

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134263.D
 Acq On : 13 Jul 2023 15:45
 Operator : CG\JU
 Sample : 03039-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 16:23:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

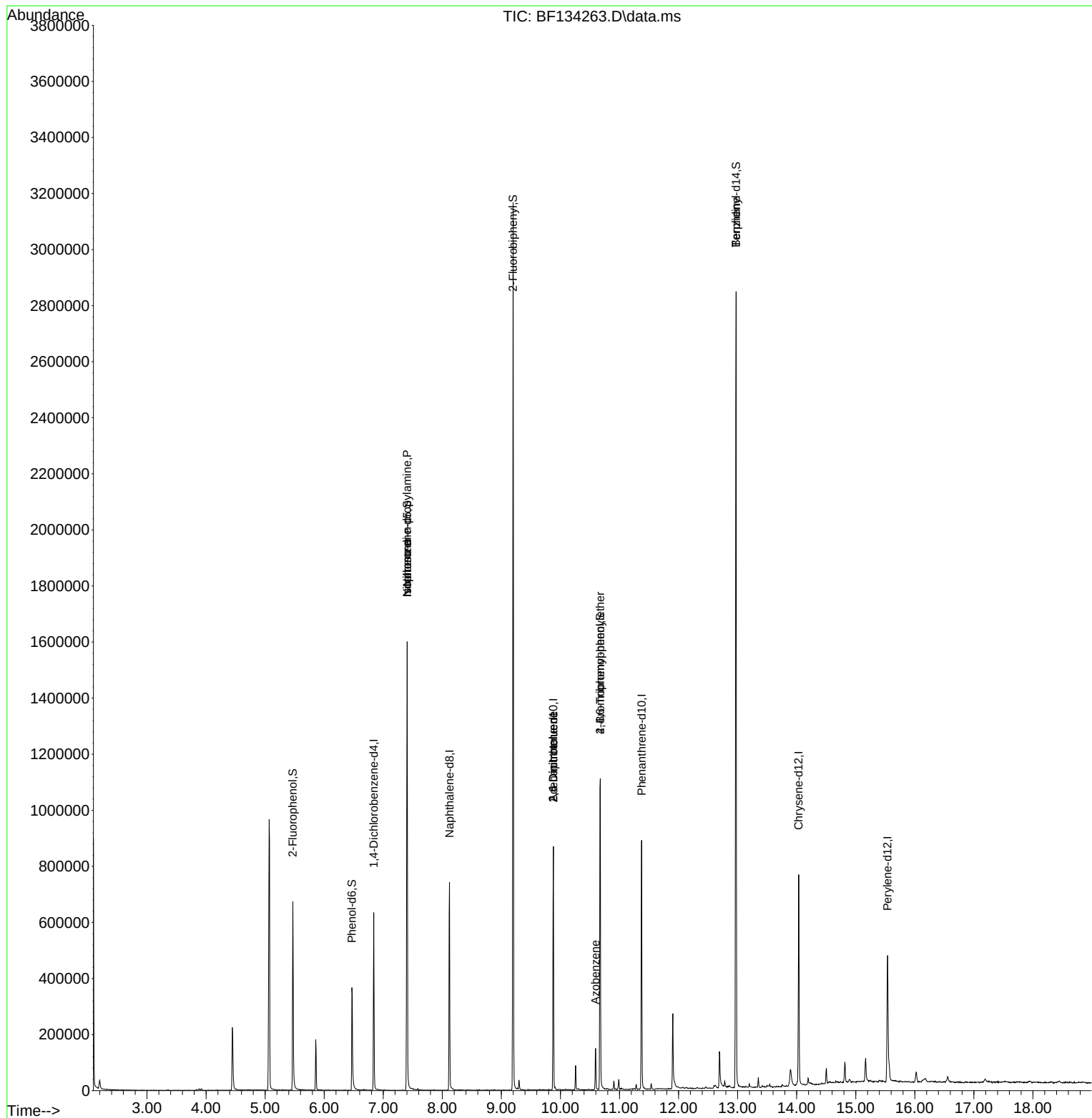
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	84123	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	324498	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	162498	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	317088	20.000	ng	0.00
76) Chrysene-d12	14.033	240	241051	20.000	ng	0.00
86) Perylene-d12	15.539	264	220246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	167441	33.295	ng	0.00
7) Phenol-d6	6.469	99	123460	19.962	ng	-0.02
23) Nitrobenzene-d5	7.404	82	454473	75.497	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	141620	69.510	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	853680	76.380	ng	0.00
79) Terphenyl-d14	12.974	244	1016188	67.848	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	68	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	63665	16.232	ng	# 79
25) Isophorone	7.404	82	454473	41.540	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	20039	7.887	ng	# 24
57) 2,4-Dinitrotoluene	9.880	165	20039	5.973	ng	# 23
63) Azobenzene	10.592	77	28028	2.411	ng	# 6
67) 4-Bromophenyl-phenylether	10.675	248	8059	2.391	ng	# 1
77) Benzidine	12.974	184	14529	2.533	ng	# 90

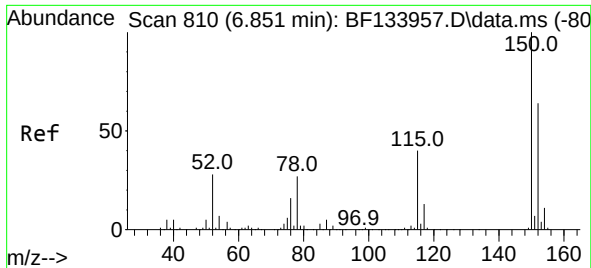
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

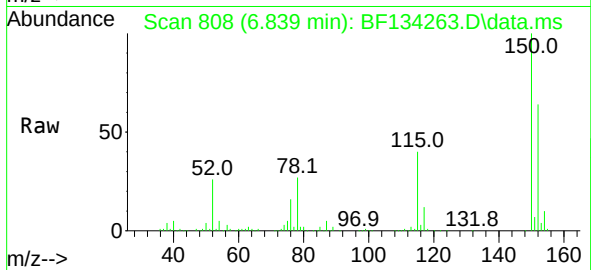
Quant Time: Jul 13 16:23:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration



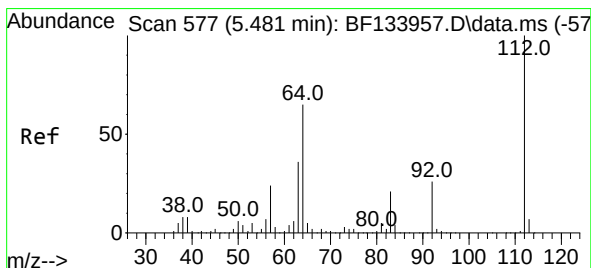
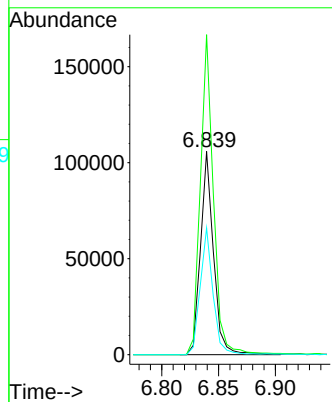
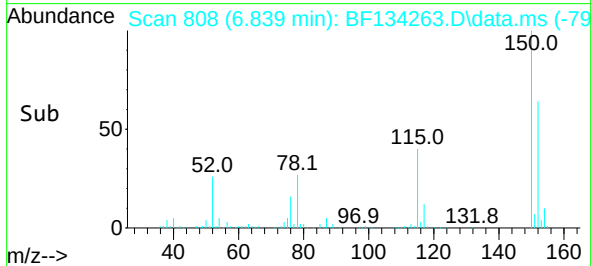


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

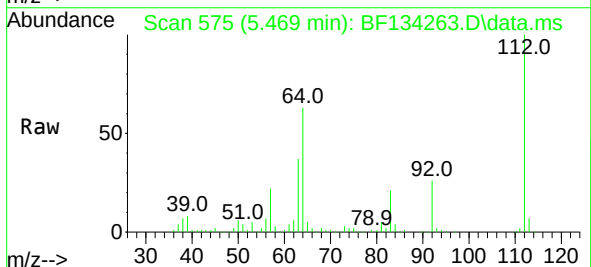
Instrument :
BNA_F
ClientSampleId :



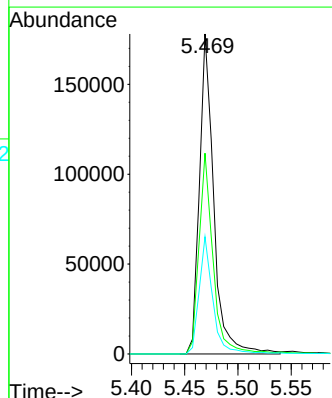
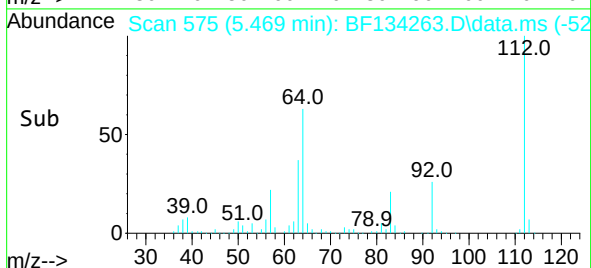
Tgt Ion:152 Resp: 84123
Ion Ratio Lower Upper
152 100
150 157.4 124.5 186.7
115 62.4 50.2 75.2

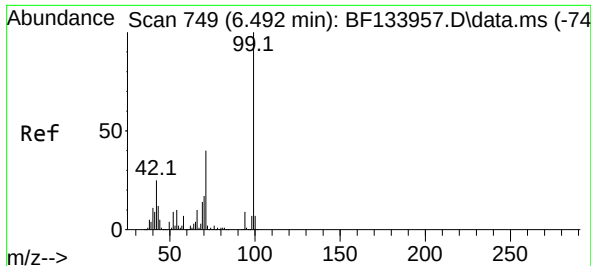


#5
2-Fluorophenol
Concen: 33.295 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45



Tgt Ion:112 Resp: 167441
Ion Ratio Lower Upper
112 100
64 62.8 52.1 78.1
63 36.7 28.6 42.8

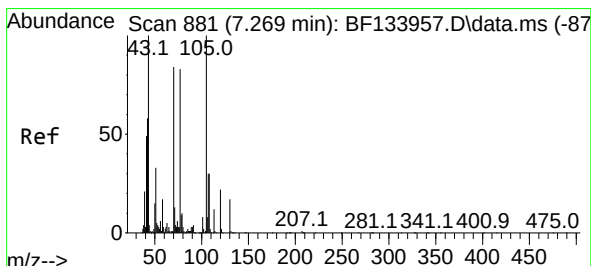
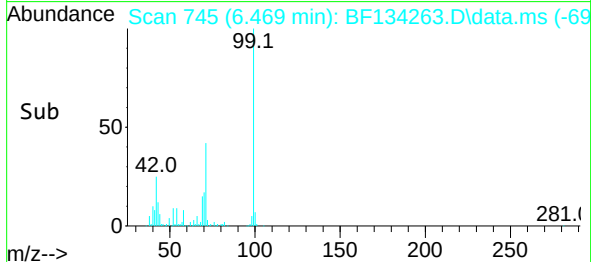
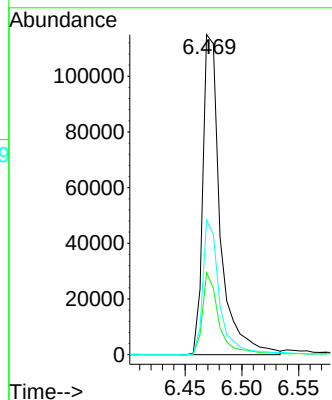
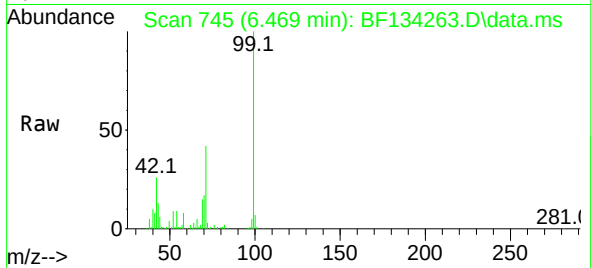




#7
Phenol-d6
Concen: 19.962 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

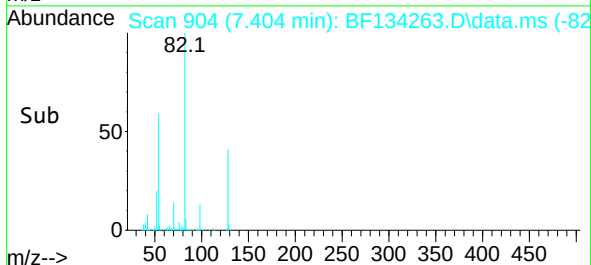
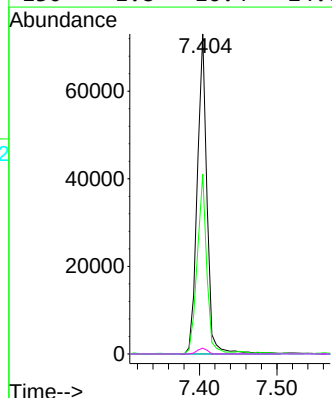
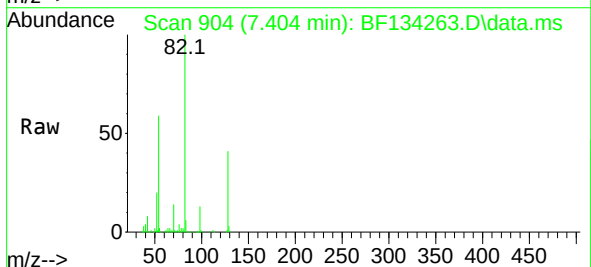
Instrument :
BNA_F
ClientSampleId :

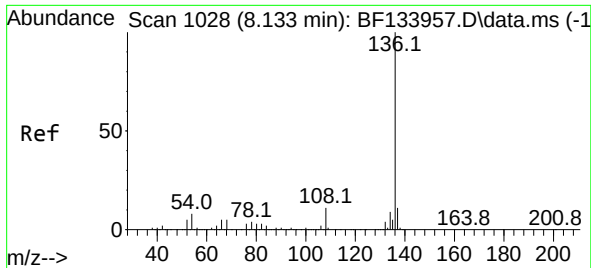
Tgt Ion: 99 Resp: 123460
Ion Ratio Lower Upper
99 100
42 25.6 19.8 29.6
71 42.1 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.232 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

Tgt Ion: 70 Resp: 63665
Ion Ratio Lower Upper
70 100
42 56.2 54.7 82.1
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#



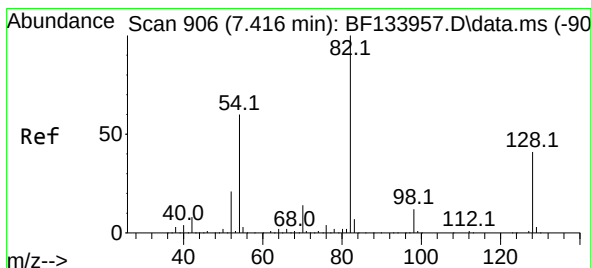
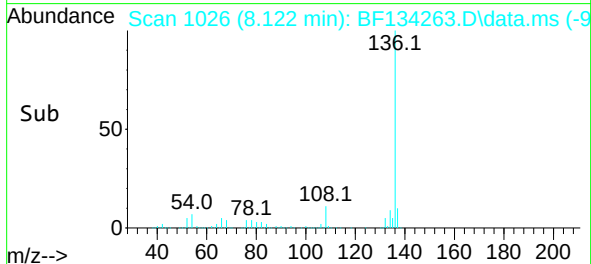
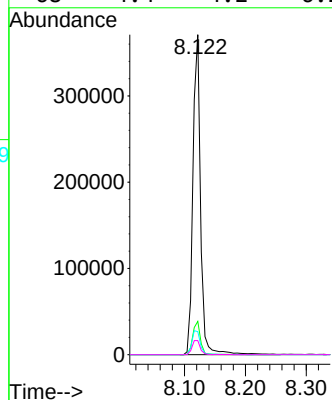
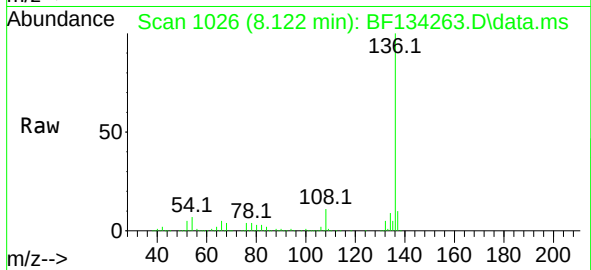


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 324498

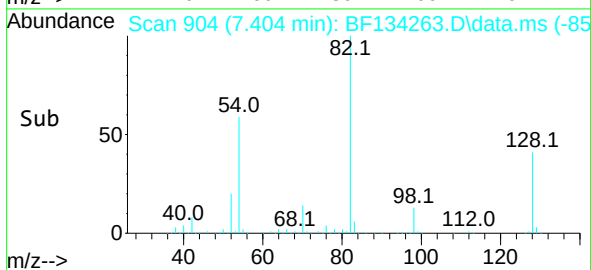
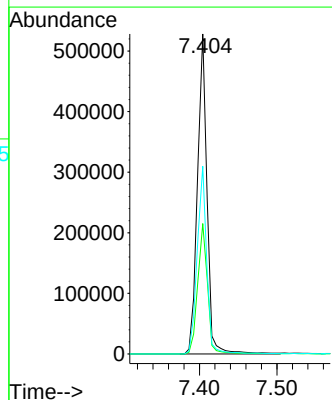
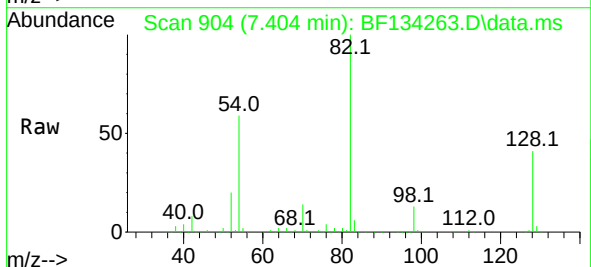
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	7.2	6.5	9.7
68	4.4	4.2	6.2

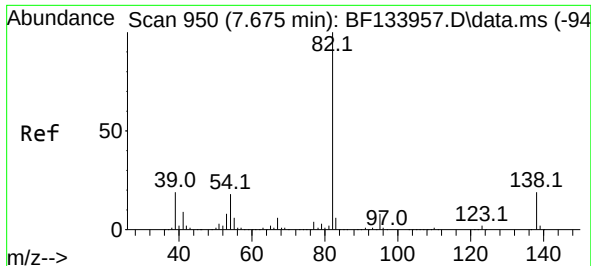


#23
Nitrobenzene-d5
Concen: 75.497 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

Tgt Ion: 82 Resp: 454473

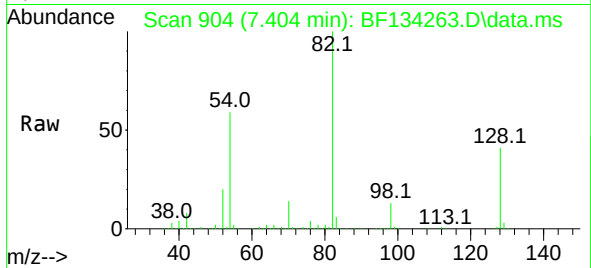
Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.5	48.7
54	58.7	48.2	72.2



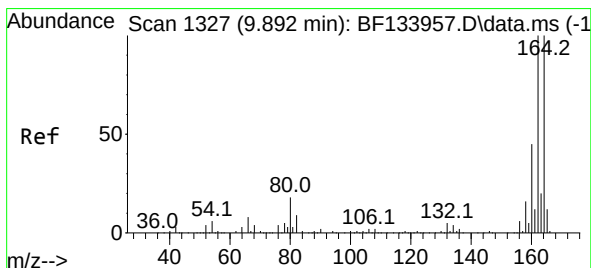
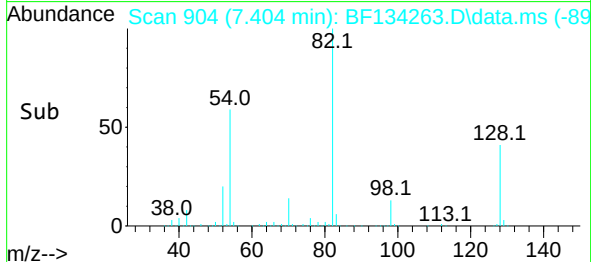
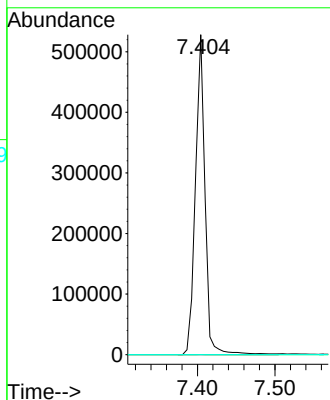


#25
Isophorone
Concen: 41.540 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

Instrument :
BNA_F
ClientSampleId :

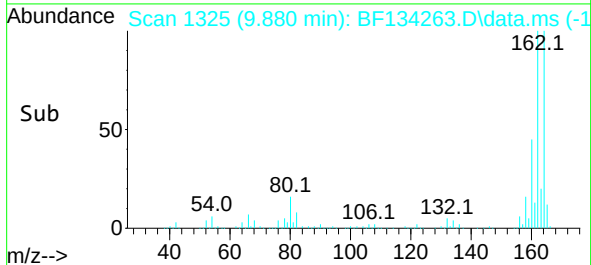
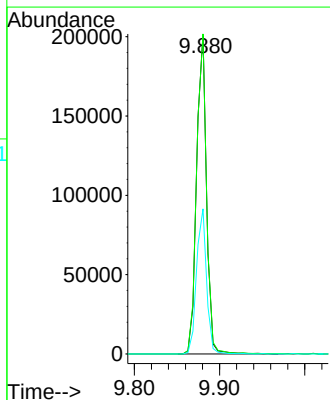
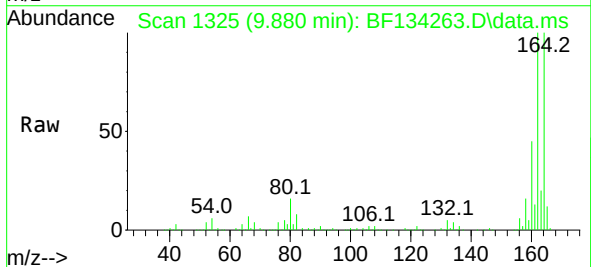


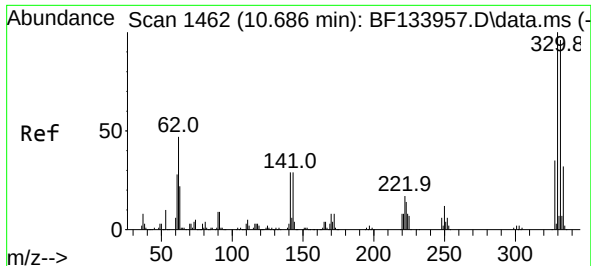
Tgt Ion: 82 Resp: 454473
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

Tgt Ion: 164 Resp: 162498
Ion Ratio Lower Upper
164 100
162 100.0 80.0 120.0
160 45.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 69.510 ng

RT: 10.675 min Scan# 1462

Delta R.T. -0.006 min

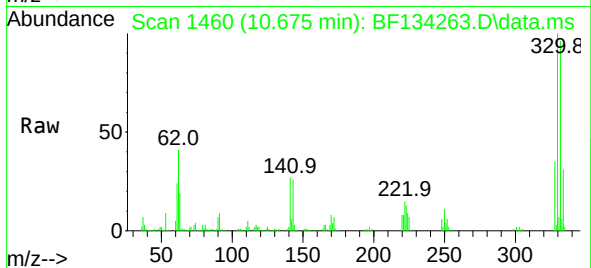
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Acq: 13 Jul 2023 15:45

Instrument :

BNA_F

ClientSampleId :



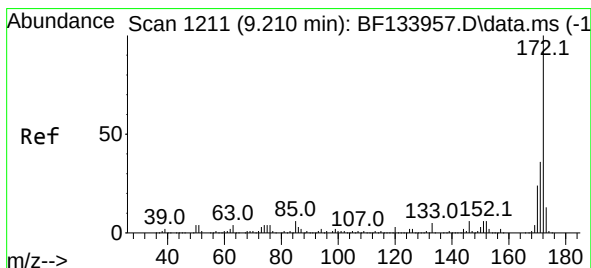
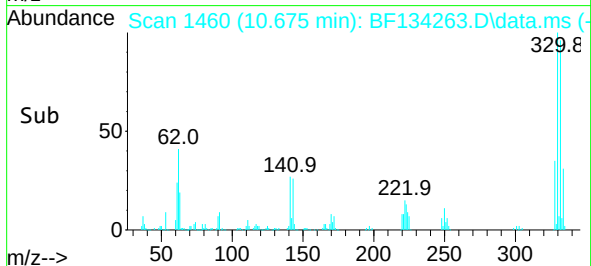
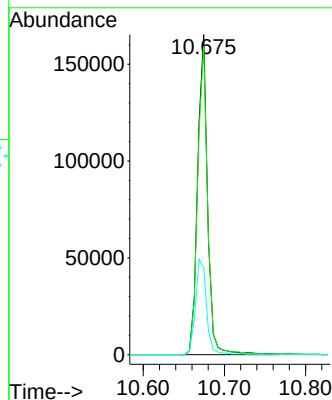
Tgt Ion:330 Resp: 141620

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

141 33.4 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 76.380 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF134263.D

Acq: 13 Jul 2023 15:45

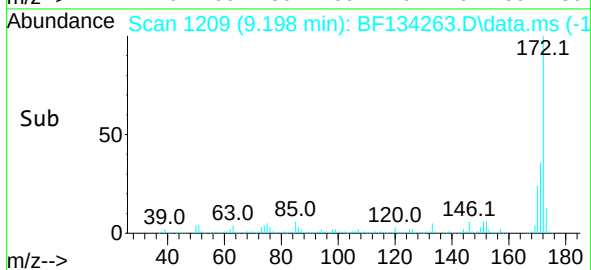
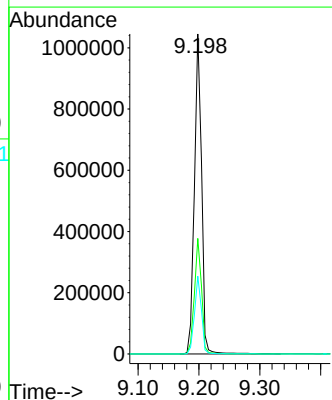
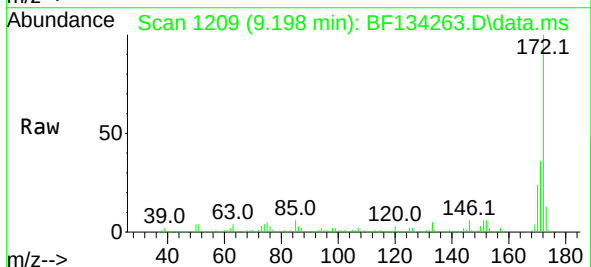
Tgt Ion:172 Resp: 853680

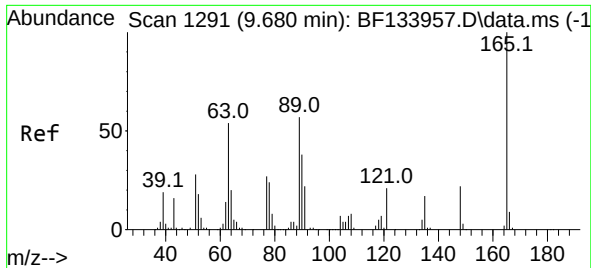
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 24.3 19.4 29.0

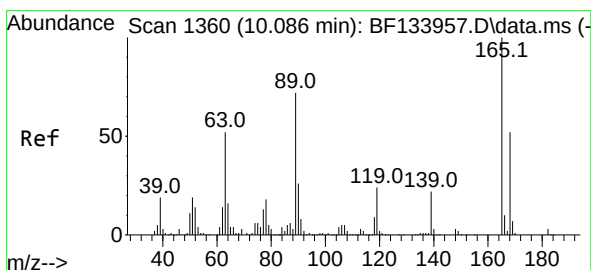
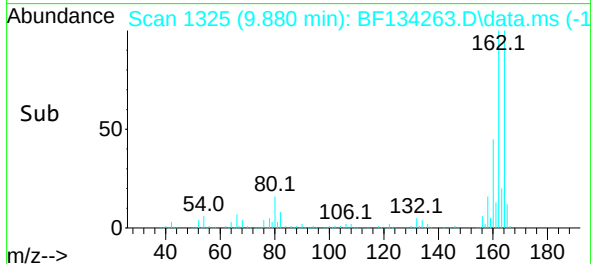
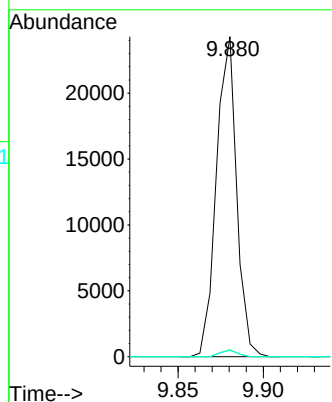
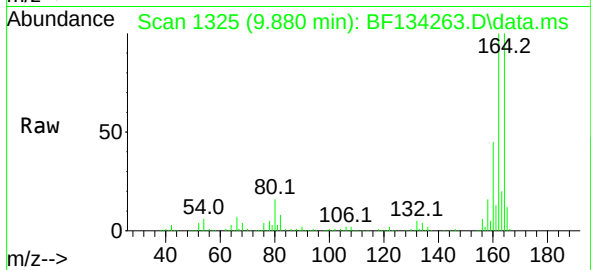




#51
2,6-Dinitrotoluene
Concen: 7.887 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

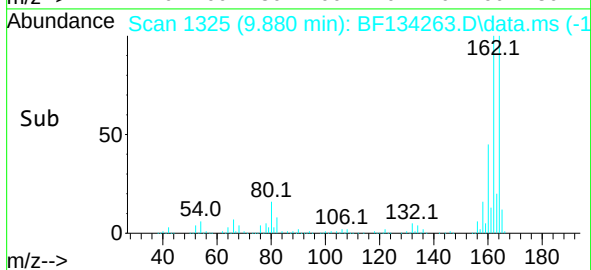
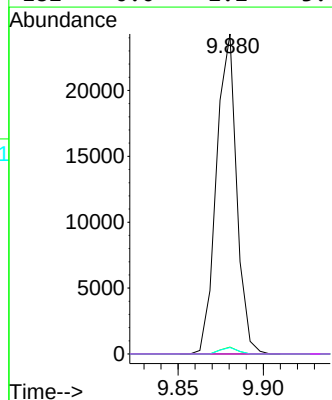
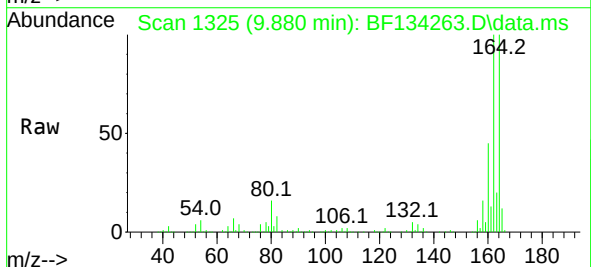
Instrument :
BNA_F
ClientSampleId :

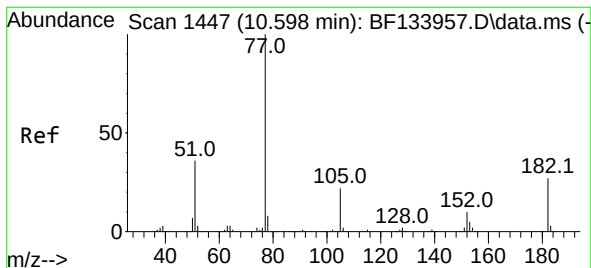
Tgt Ion:165 Resp: 20039
Ion Ratio Lower Upper
165 100
63 2.2 48.5 72.7#
89 2.0 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 5.973 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

Tgt Ion:165 Resp: 20039
Ion Ratio Lower Upper
165 100
63 2.2 42.2 63.2#
89 2.0 57.4 86.2#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 2.411 ng

RT: 10.592 min Scan# 1446

Delta R.T. 0.000 min

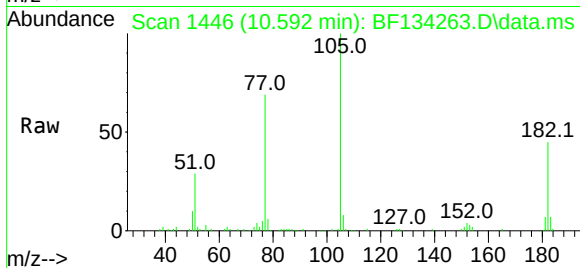
Lab File: BF134263.D

Acq: 13 Jul 2023 15:45

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 28028

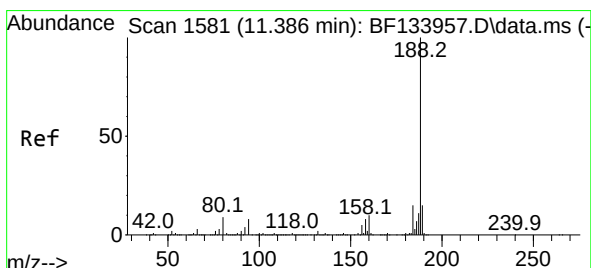
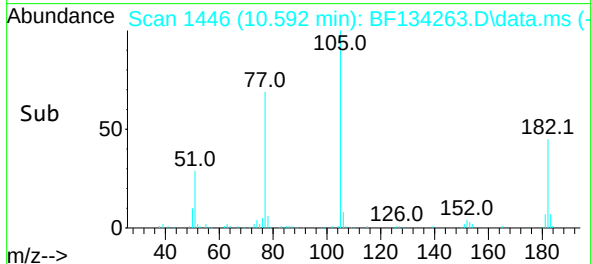
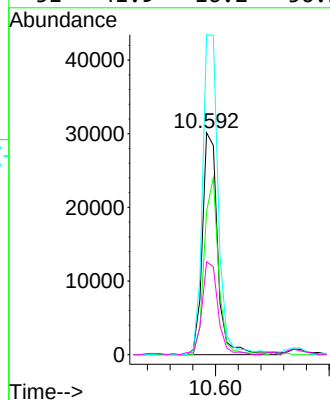
Ion Ratio Lower Upper

77 100

182 64.7 6.8 46.8#

105 144.2 2.3 42.3#

51 41.9 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.006 min

Lab File: BF134263.D

Acq: 13 Jul 2023 15:45

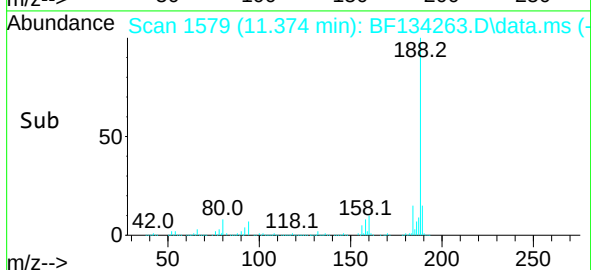
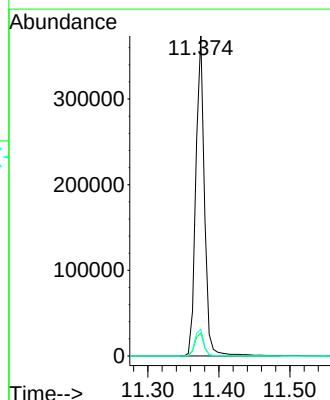
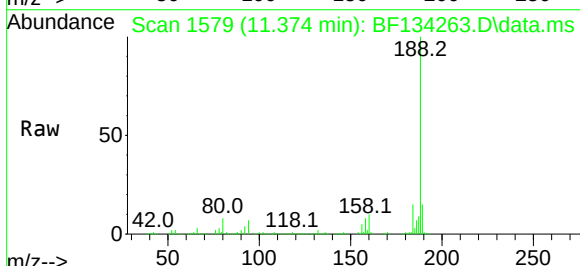
Tgt Ion: 188 Resp: 317088

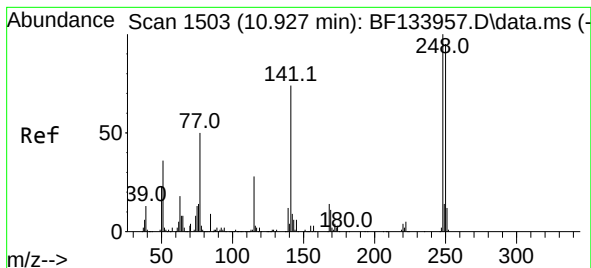
Ion Ratio Lower Upper

188 100

94 7.2 6.4 9.6

80 8.3 7.3 10.9

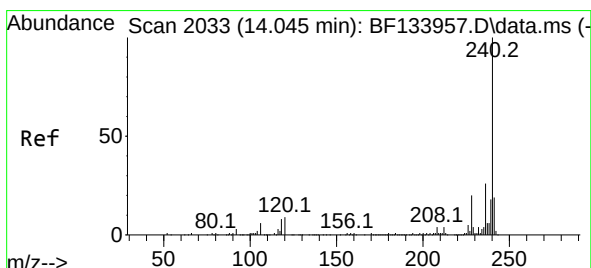
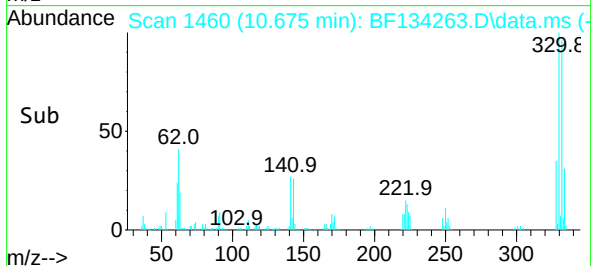
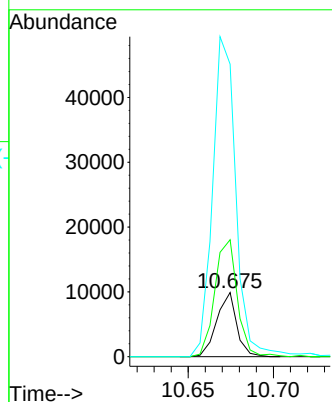
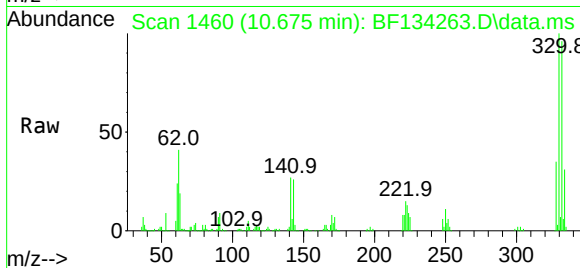




#67
4-Bromophenyl-phenylether
Concen: 2.391 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

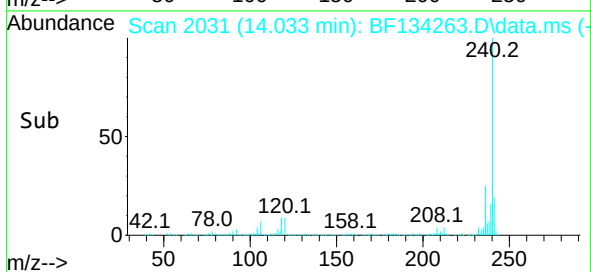
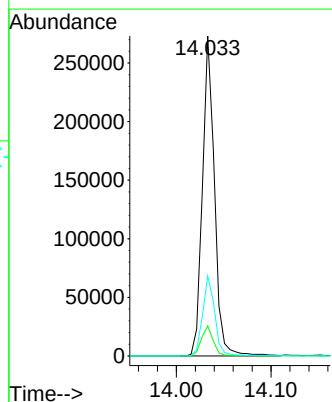
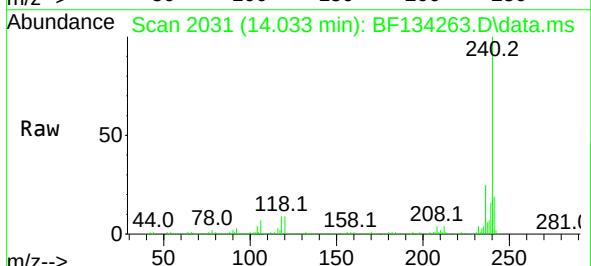
Instrument :
BNA_F
ClientSampleId :

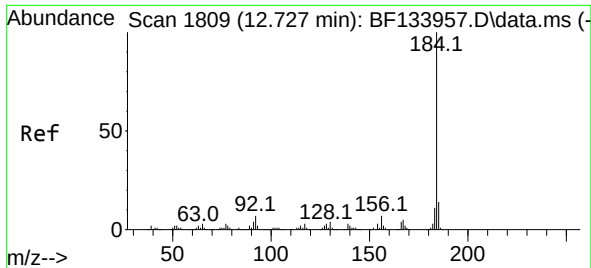
Tgt Ion:248 Resp: 8059
Ion Ratio Lower Upper
248 100
250 182.6 76.2 114.4#
141 456.4 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

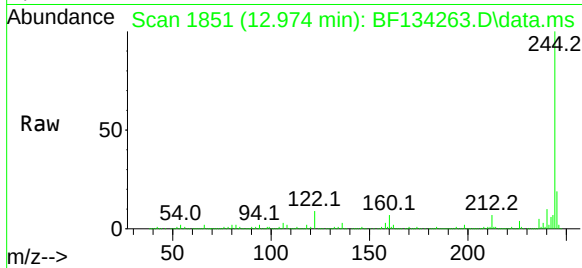
Tgt Ion:240 Resp: 241051
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 25.0 21.0 31.6



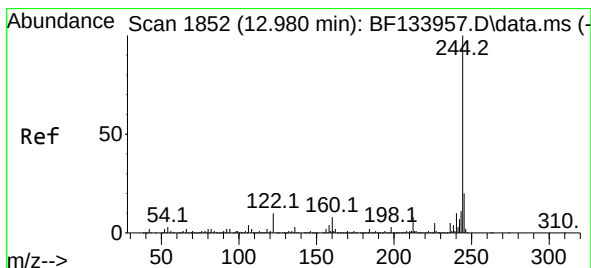
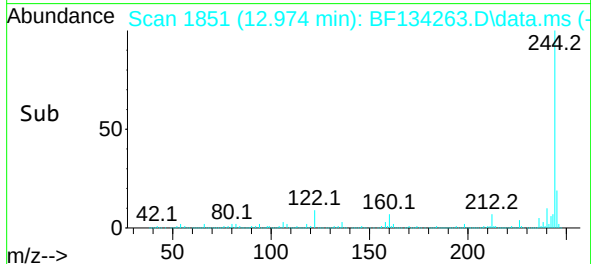
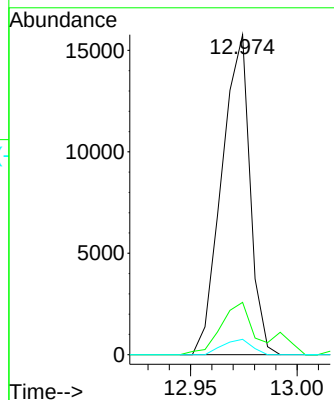


#77
Benzidine
Concen: 2.533 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

Instrument :
BNA_F
ClientSampleId :

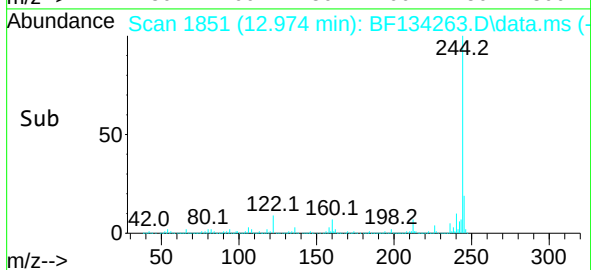
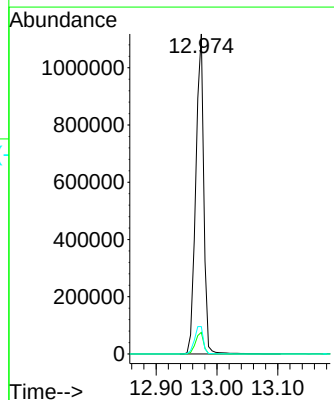
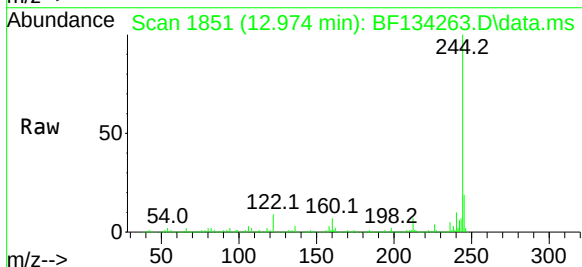


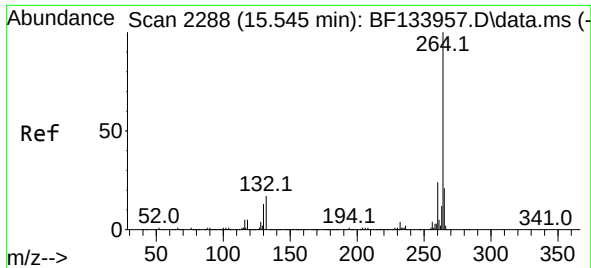
Tgt Ion:184 Resp: 14529
Ion Ratio Lower Upper
184 100
185 16.3 11.6 17.4
183 4.8 8.8 13.2#



#79
Terphenyl-d14
Concen: 67.848 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

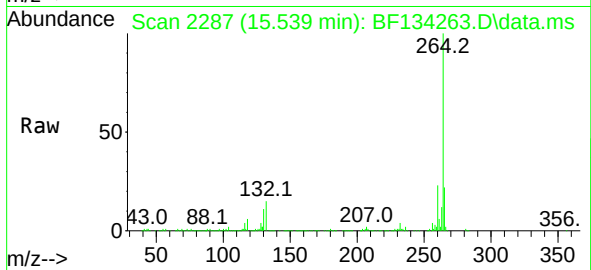
Tgt Ion:244 Resp: 1016188
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 8.5 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134263.D
Acq: 13 Jul 2023 15:45

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 220246
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 21.6 16.6 25.0

