

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
 Data File : BF134191.D
 Acq On : 10 Jul 2023 17:50
 Operator : CG\JU
 Sample : PB153729BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 10 18:19:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

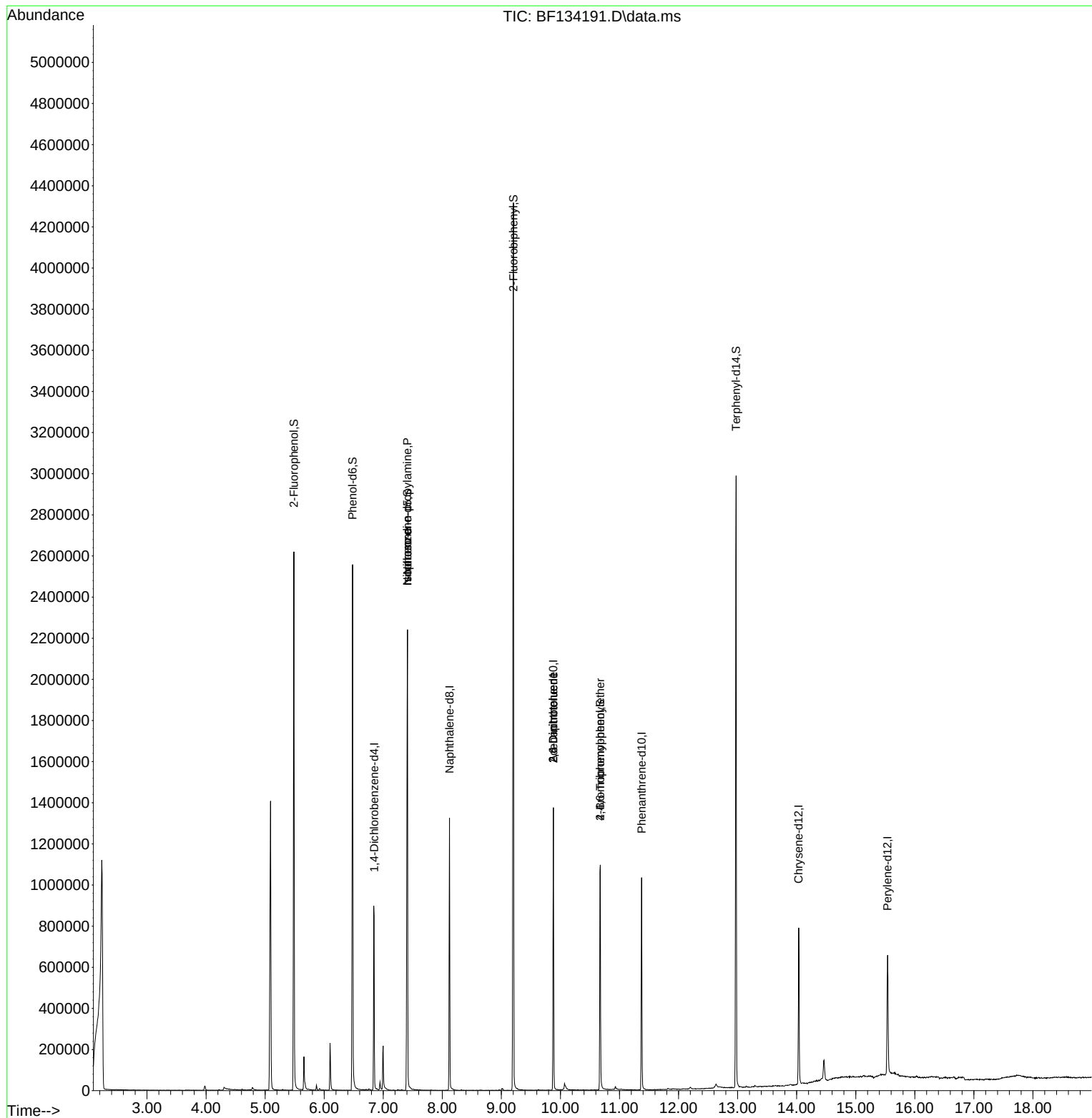
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	137180	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	517147	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	244205	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	370428	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	262628	20.000	ng	-0.02
86) Perylene-d12	15.539	264	289838	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	650393	79.309	ng	0.00
7) Phenol-d6	6.481	99	760612	75.418	ng	-0.01
23) Nitrobenzene-d5	7.410	82	700992	73.069	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	145900	47.651	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1358314	80.868	ng	0.00
79) Terphenyl-d14	12.974	244	1063166	65.152	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	1317	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	100552	15.722	ng	# 76
25) Isophorone	7.410	82	700983	40.204	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	31023	8.125	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	31023	6.153	ng	# 22
67) 4-Bromophenyl-phenylether	10.675	248	8570	2.177	ng	# 1

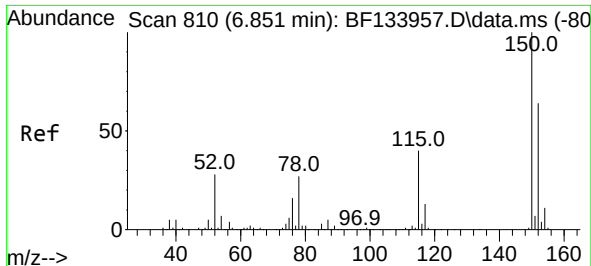
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
Data File : BF134191.D
Acq On : 10 Jul 2023 17:50
Operator : CG\JU
Sample : PB153729BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

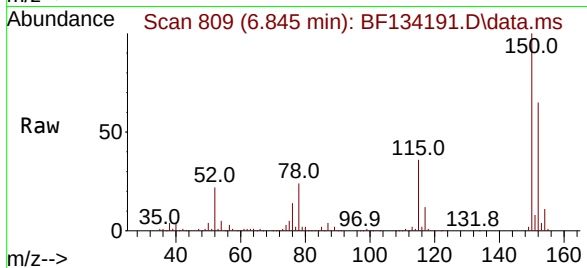
Quant Time: Jul 10 18:19:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration



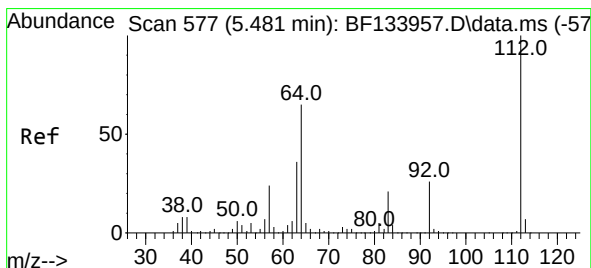
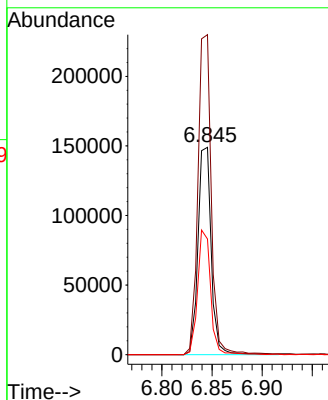
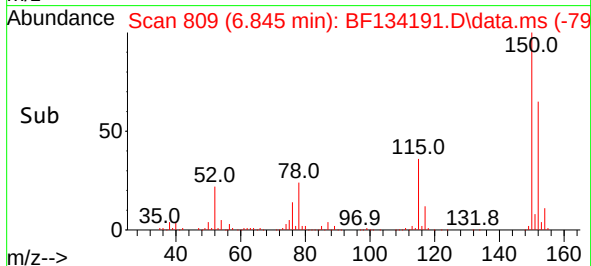


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134191.D
 Acq: 10 Jul 2023 17:50

Instrument :
 BNA_F
 ClientSampleId :

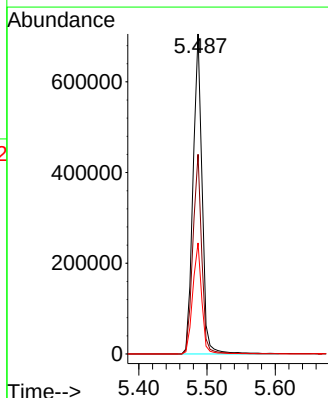
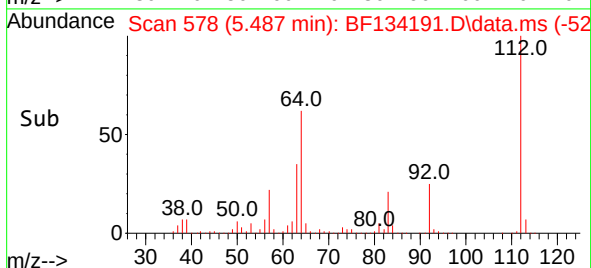
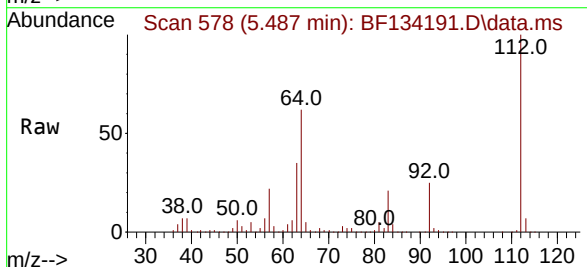


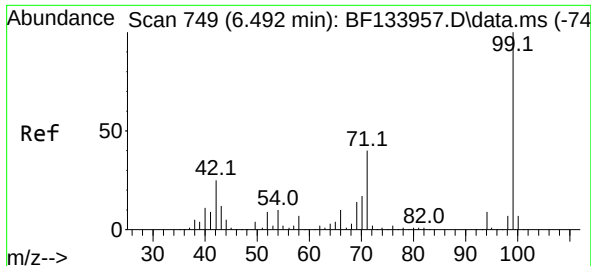
Tgt Ion:152 Resp: 137180
 Ion Ratio Lower Upper
 152 100
 150 154.3 124.5 186.7
 115 55.7 50.2 75.2



#5
 2-Fluorophenol
 Concen: 79.309 ng
 RT: 5.487 min Scan# 578
 Delta R.T. -0.000 min
 Lab File: BF134191.D
 Acq: 10 Jul 2023 17:50

Tgt Ion:112 Resp: 650393
 Ion Ratio Lower Upper
 112 100
 64 62.4 52.1 78.1
 63 34.7 28.6 42.8

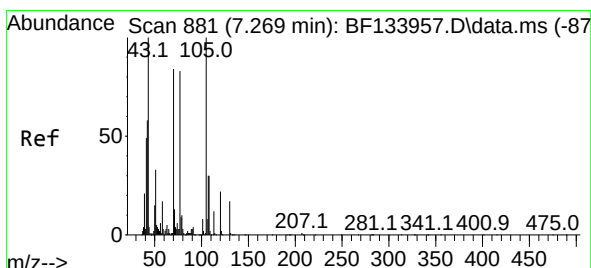
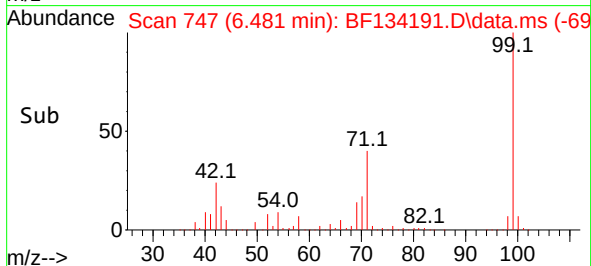
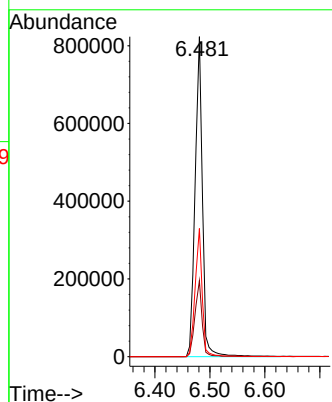
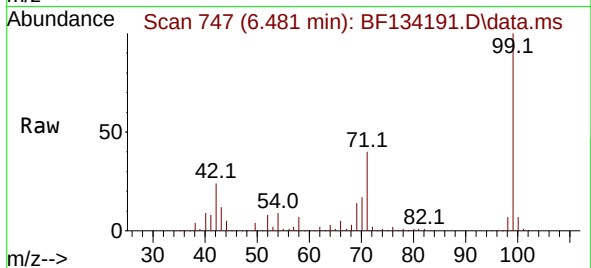




#7
Phenol-d6
Concen: 75.418 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134191.D
Acq: 10 Jul 2023 17:50

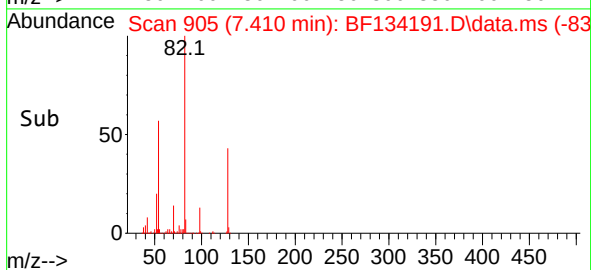
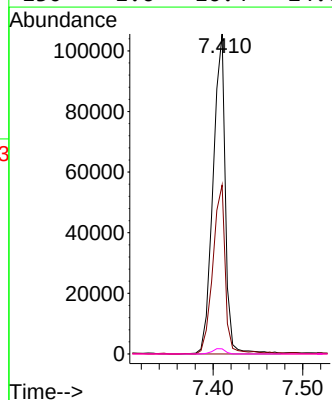
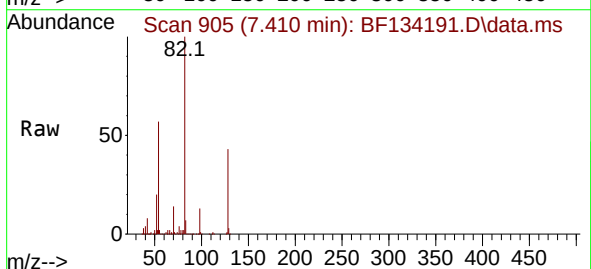
Instrument :
BNA_F
ClientSampleId :

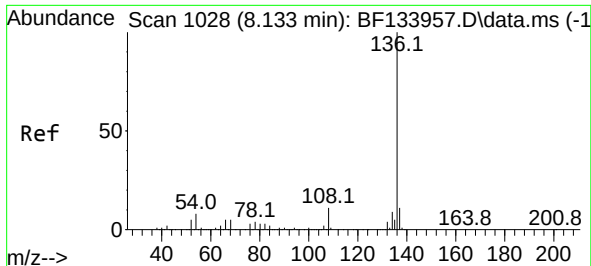
Tgt Ion: 99 Resp: 760612
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.6
71 40.0 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 15.722 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134191.D
Acq: 10 Jul 2023 17:50

Tgt Ion: 70 Resp: 100552
Ion Ratio Lower Upper
70 100
42 52.8 54.7 82.1#
101 0.0 7.7 11.5#
130 1.6 16.4 24.6#



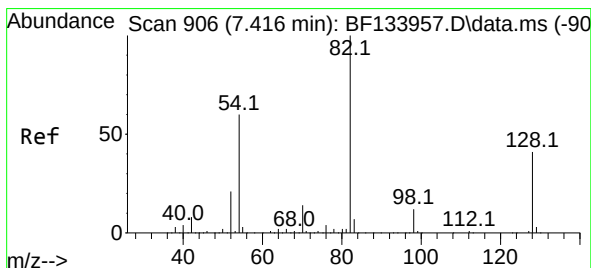
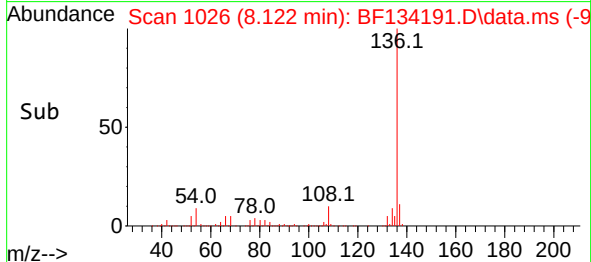
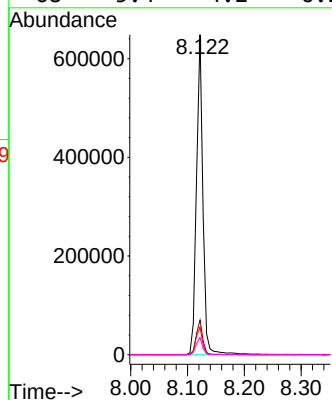
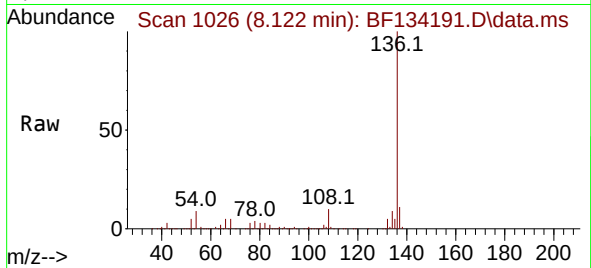


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134191.D
Acq: 10 Jul 2023 17:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 517147

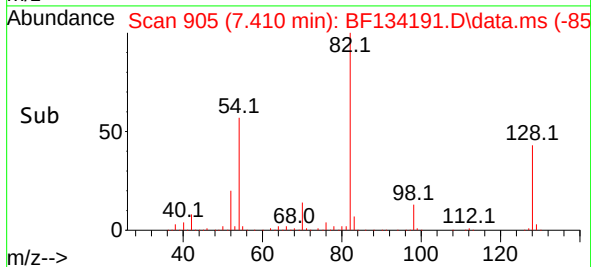
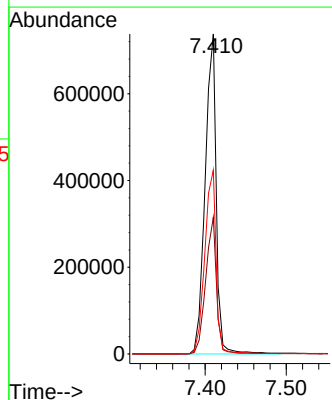
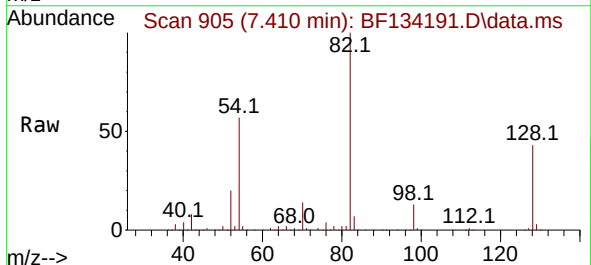
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	8.6	6.5	9.7
68	5.4	4.2	6.2

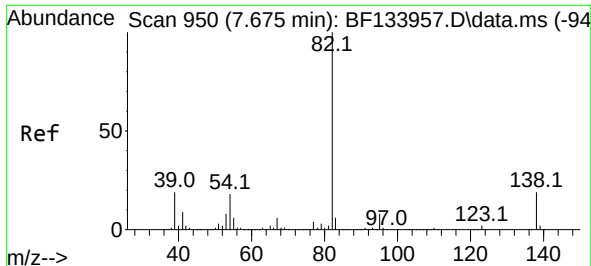


#23
Nitrobenzene-d5
Concen: 73.069 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134191.D
Acq: 10 Jul 2023 17:50

Tgt Ion: 82 Resp: 700992

Ion	Ratio	Lower	Upper
82	100		
128	42.7	32.5	48.7
54	57.5	48.2	72.2

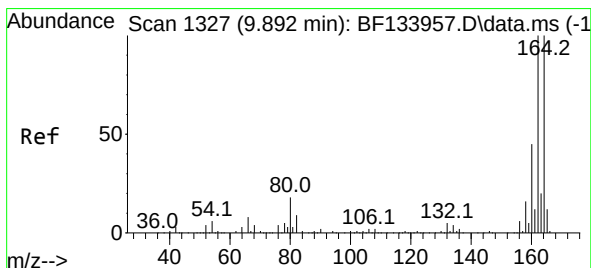
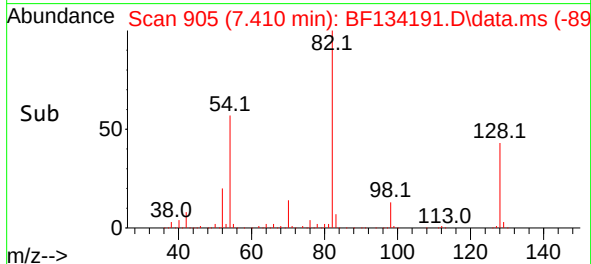
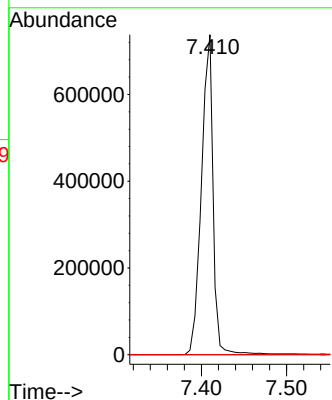
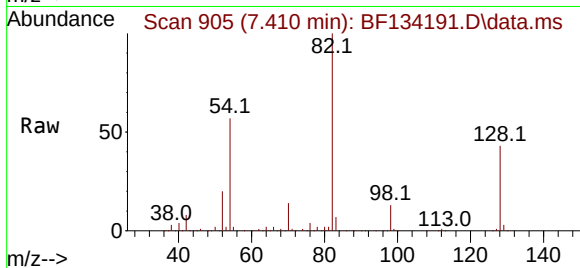




#25
Isophorone
Concen: 40.204 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134191.D
Acq: 10 Jul 2023 17:50

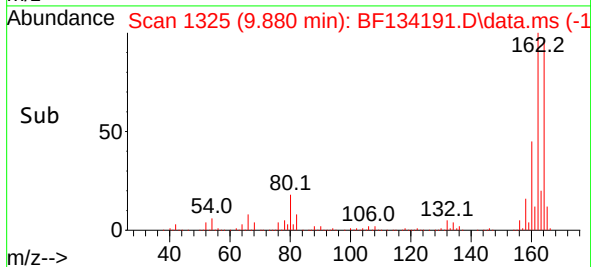
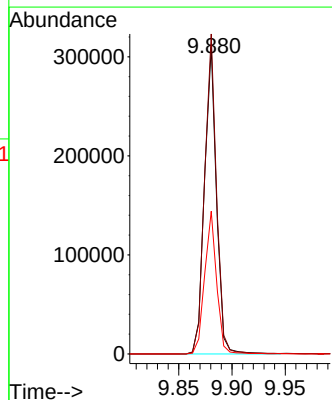
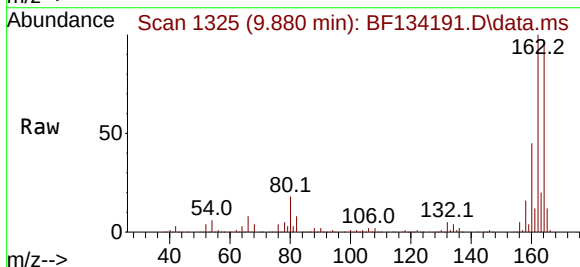
Instrument :
BNA_F
ClientSampleId :

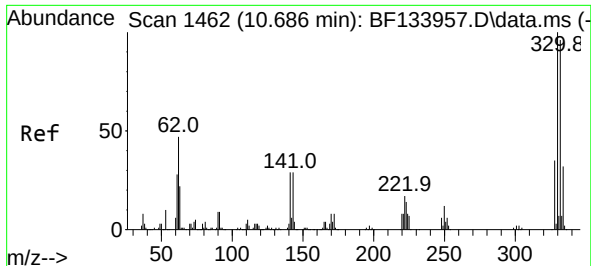
Tgt Ion: 82 Resp: 700983
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134191.D
Acq: 10 Jul 2023 17:50

Tgt Ion:164 Resp: 244205
Ion Ratio Lower Upper
164 100
162 104.1 80.0 120.0
160 46.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 47.651 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.012 min

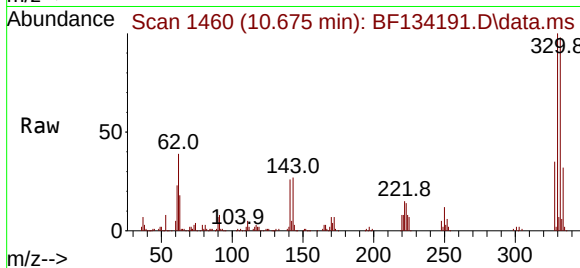
Lab File: BF134191.D

Acq: 10 Jul 2023 17:50

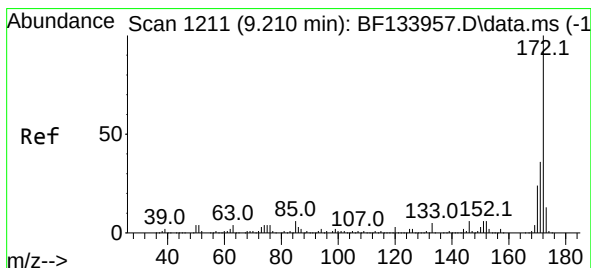
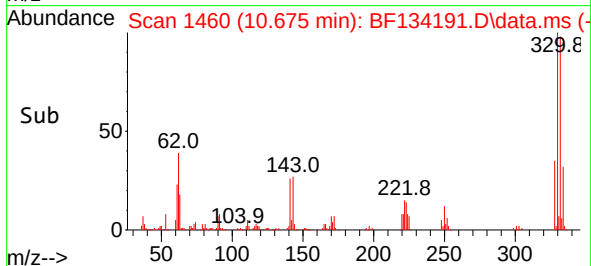
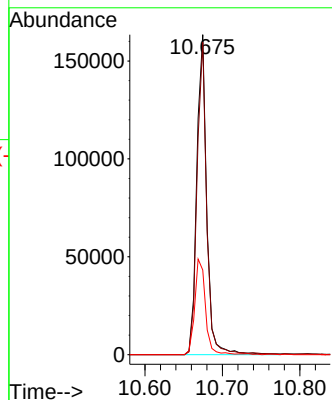
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	330	Resp:	145900
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.0	115.6
141	32.3	26.3	39.5



#45

2-Fluorobiphenyl

Concen: 80.868 ng

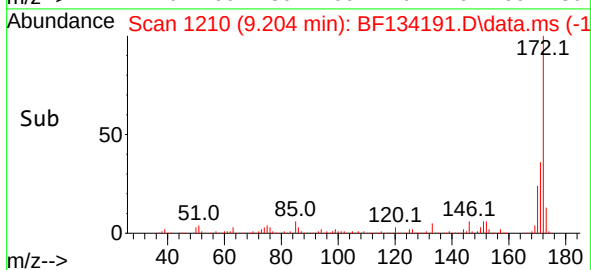
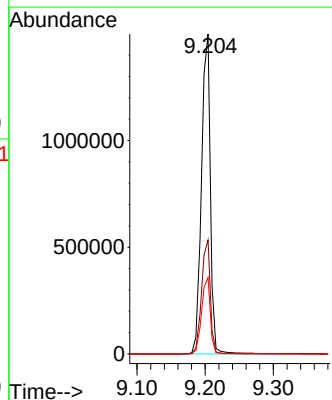
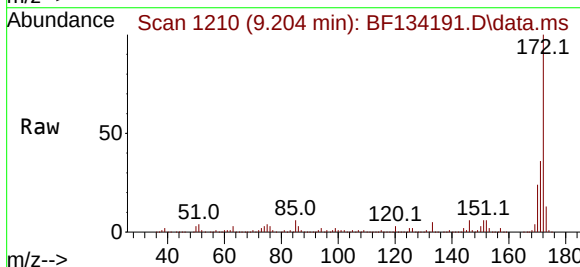
RT: 9.204 min Scan# 1210

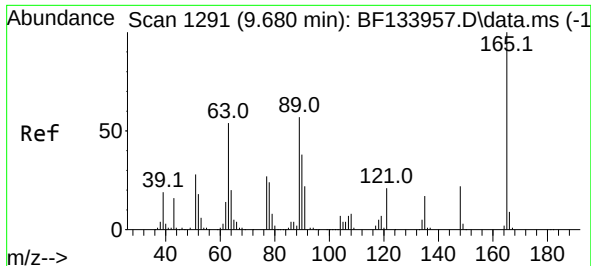
Delta R.T. -0.006 min

Lab File: BF134191.D

Acq: 10 Jul 2023 17:50

Tgt Ion:	172	Resp:	1358314
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.6	43.0
170	23.8	19.4	29.0

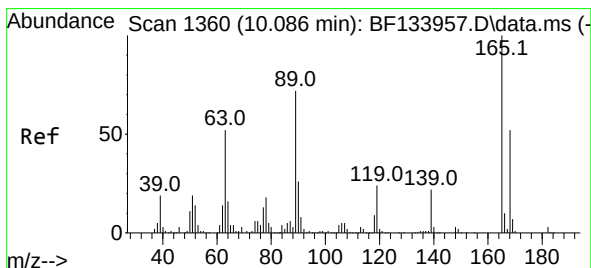
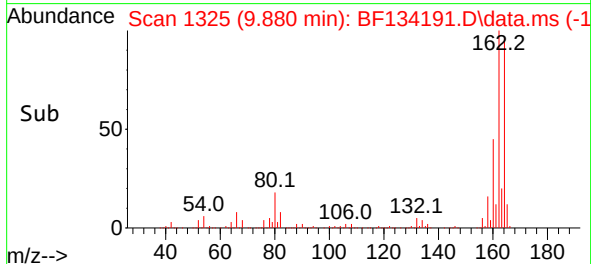
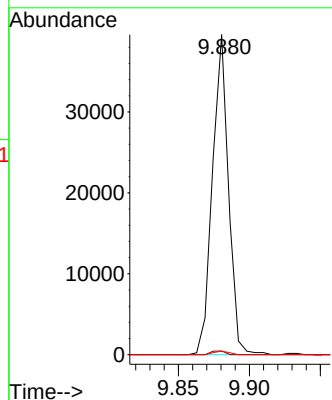
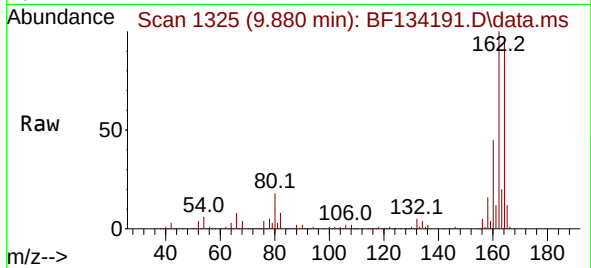




#51
2,6-Dinitrotoluene
Concen: 8.125 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134191.D
Acq: 10 Jul 2023 17:50

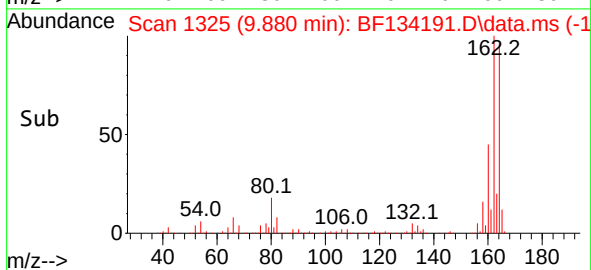
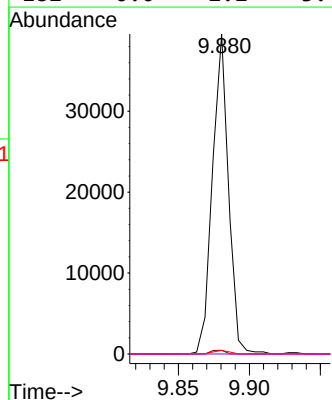
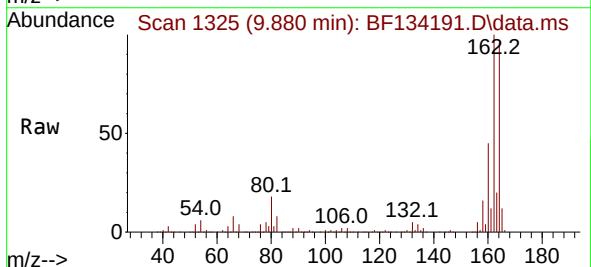
Instrument :
BNA_F
ClientSampleId :

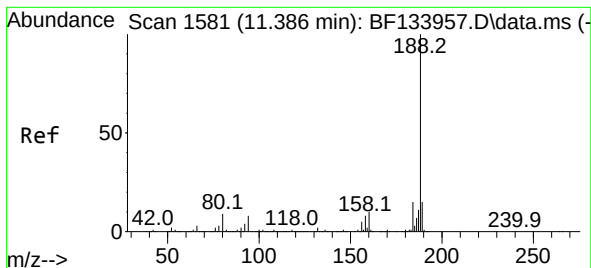
Tgt Ion:165 Resp: 31023
Ion Ratio Lower Upper
165 100
63 1.2 48.5 72.7#
89 1.1 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.153 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF134191.D
Acq: 10 Jul 2023 17:50

Tgt Ion:165 Resp: 31023
Ion Ratio Lower Upper
165 100
63 1.2 42.2 63.2#
89 1.1 57.4 86.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134191.D

Acq: 10 Jul 2023 17:50

Instrument :

BNA_F

ClientSampleId :

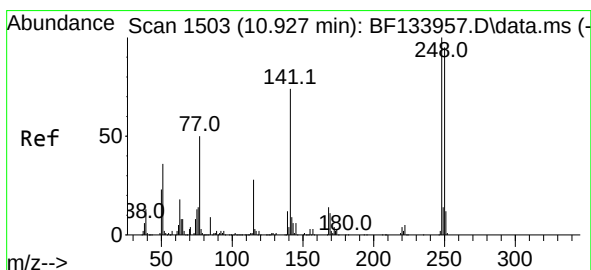
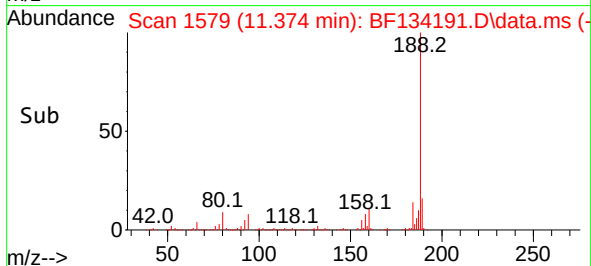
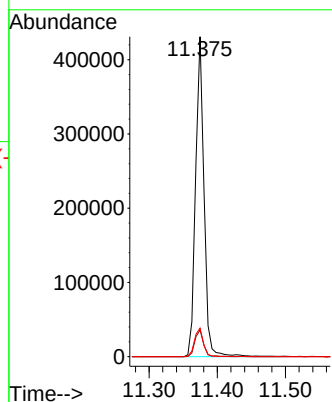
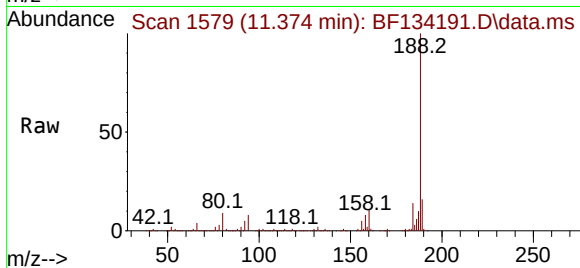
Tgt Ion:188 Resp: 370428

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.0 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 2.177 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.253 min

Lab File: BF134191.D

Acq: 10 Jul 2023 17:50

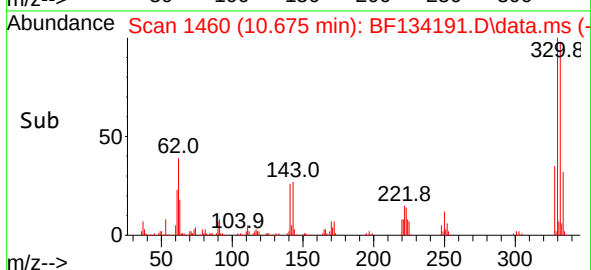
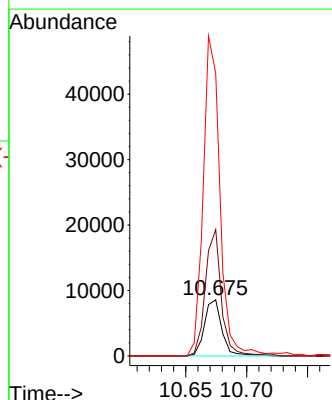
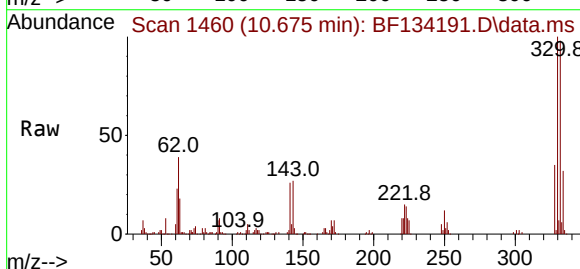
Tgt Ion:248 Resp: 8570

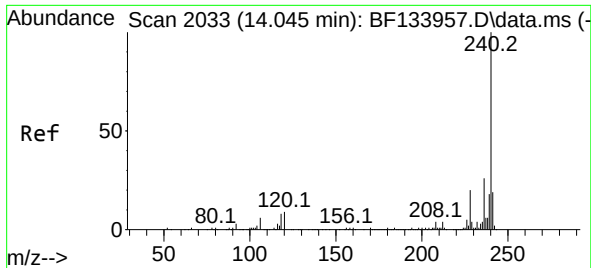
Ion Ratio Lower Upper

248 100

250 224.8 76.2 114.4#

141 502.8 59.0 88.4#

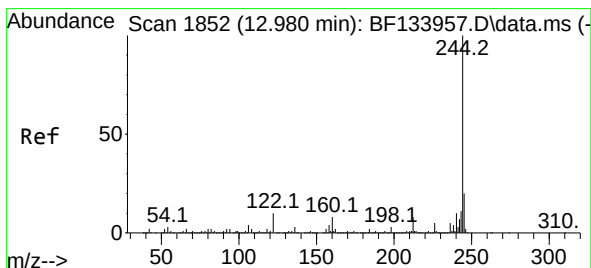
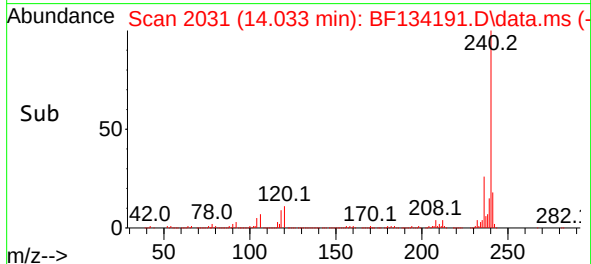
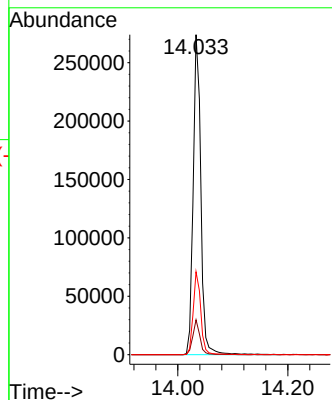
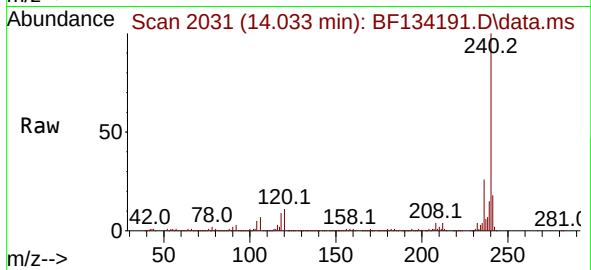




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.018 min
Lab File: BF134191.D
Acq: 10 Jul 2023 17:50

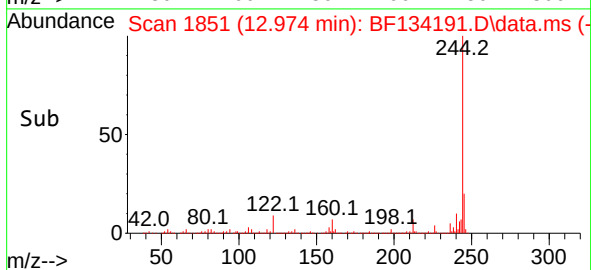
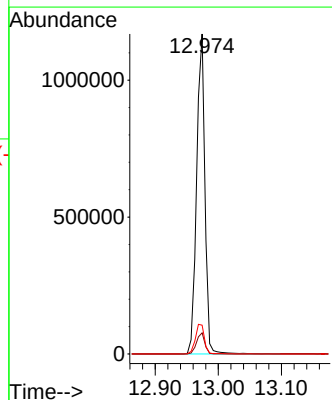
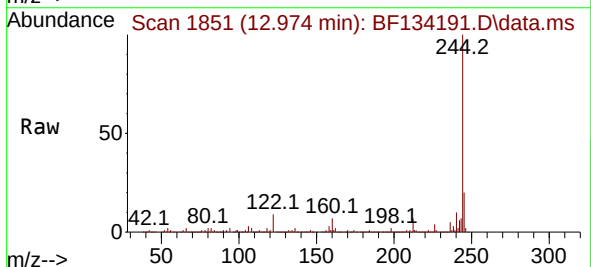
Instrument :
BNA_F
ClientSampleId :

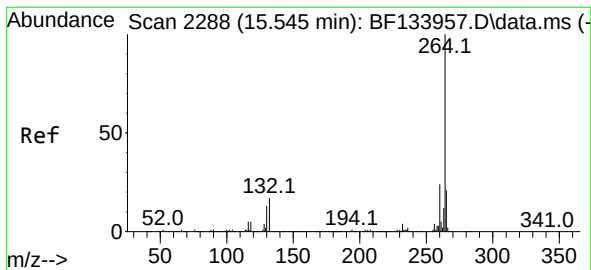
Tgt Ion:240 Resp: 262628
Ion Ratio Lower Upper
240 100
120 10.9 7.4 11.0
236 25.9 21.0 31.6



#79
Terphenyl-d14
Concen: 65.152 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF134191.D
Acq: 10 Jul 2023 17:50

Tgt Ion:244 Resp: 1063166
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 9.0 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.012 min

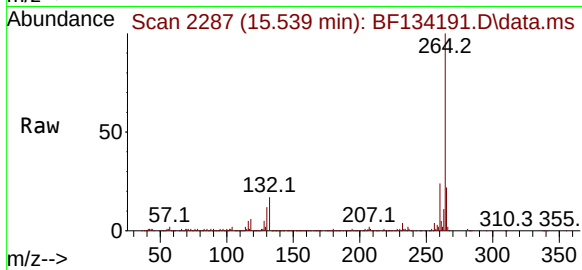
Lab File: BF134191.D

Acq: 10 Jul 2023 17:50

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 289838

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.5 16.6 25.0

