

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134164.D
 Acq On : 09 Jul 2023 01:13
 Operator : CG\JU
 Sample : PB153791BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 04:18:25 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)

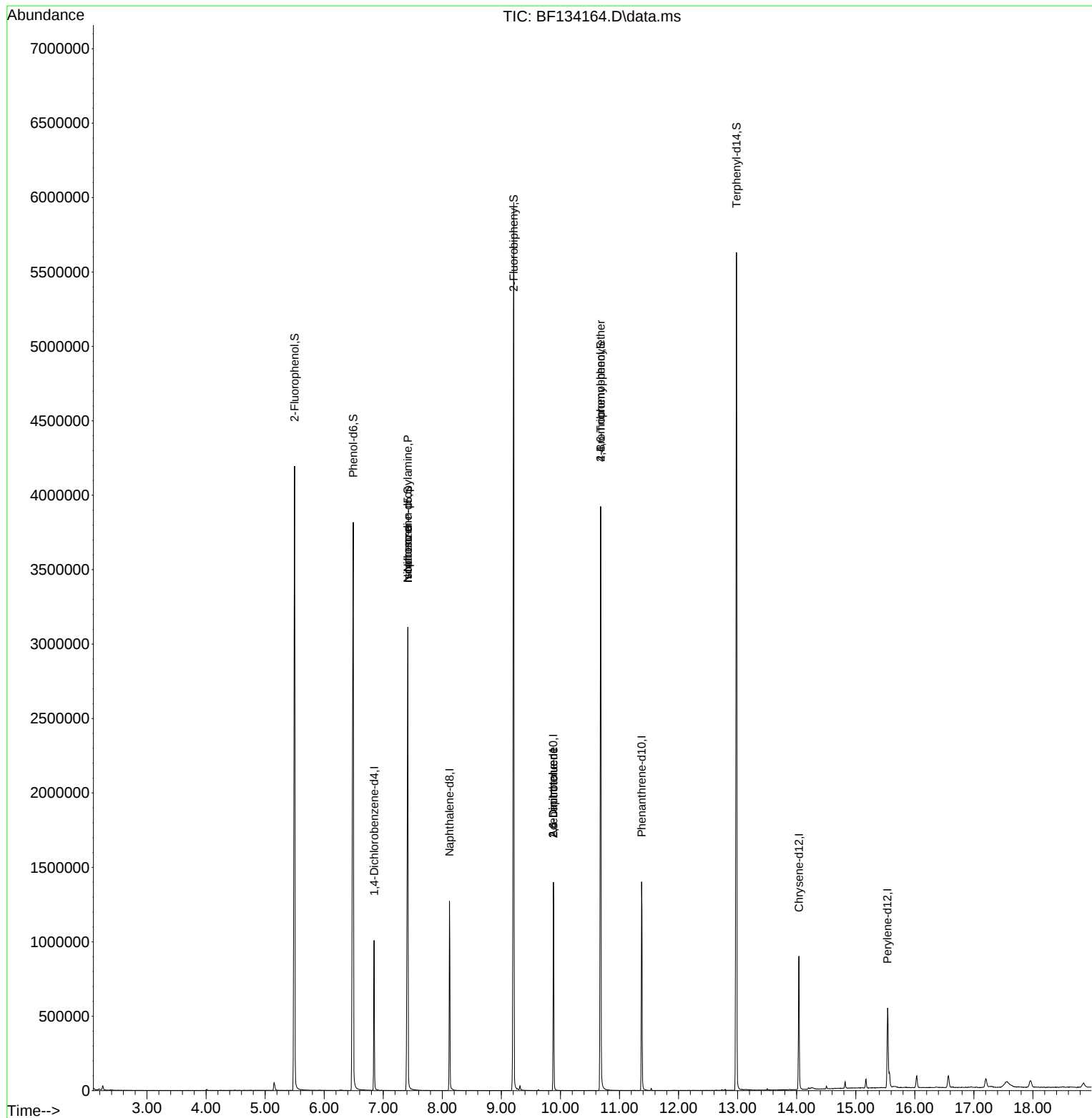
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	138092	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	550988	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	284159	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	563256	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	340601	20.000	ng	-0.01
86) Perylene-d12	15.539	264	284503	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1319926	159.888	ng	0.01
7) Phenol-d6	6.492	99	1573838	155.021	ng	0.00
23) Nitrobenzene-d5	7.416	82	1108211	108.421	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	571565	160.426	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2024842	103.601	ng	0.00
79) Terphenyl-d14	12.980	244	2443382	115.455	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	2893	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	157116	24.403	ng	# 77
25) Isophorone	7.416	82	1108198	59.655	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	36750	8.272	ng	# 24
57) 2,4-Dinitrotoluene	9.880	165	36750	6.264	ng	# 23
67) 4-Bromophenyl-phenylether	10.680	248	33698	5.629	ng	# 1

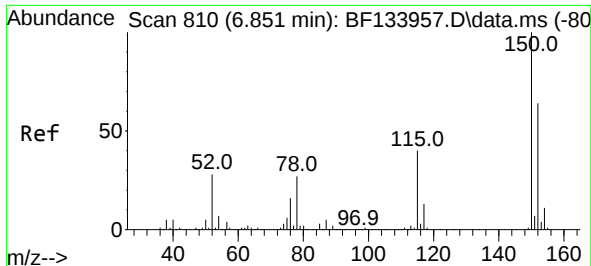
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
Data File : BF134164.D
Acq On : 09 Jul 2023 01:13
Operator : CG\JU
Sample : PB153791BL
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

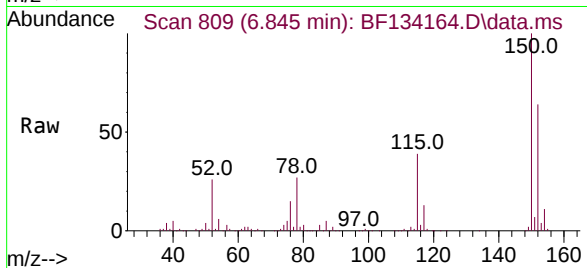
Quant Time: Jul 09 04:18:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration



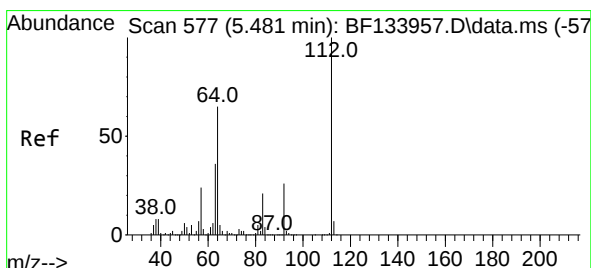
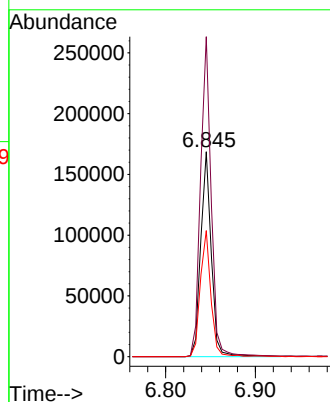
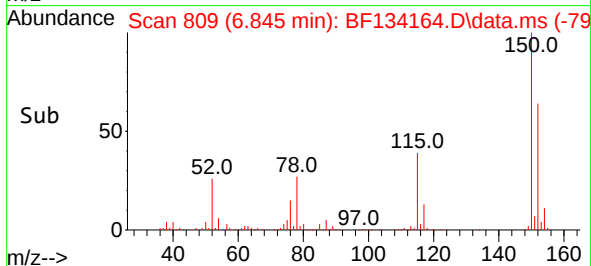


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134164.D
Acq: 09 Jul 2023 01:13

Instrument :
BNA_F
ClientSampleId :

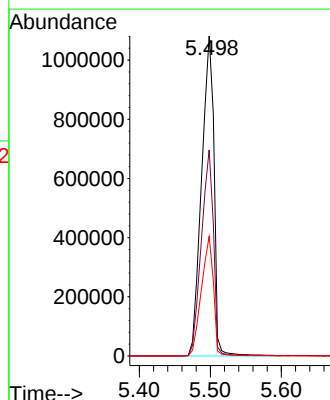
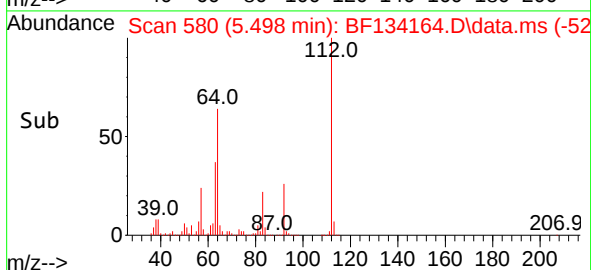
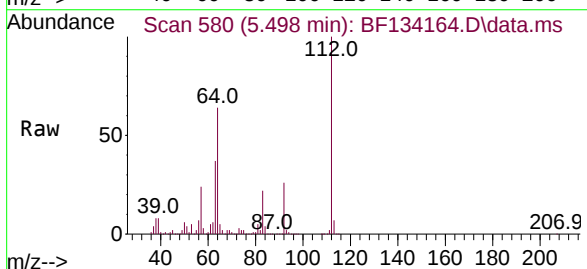


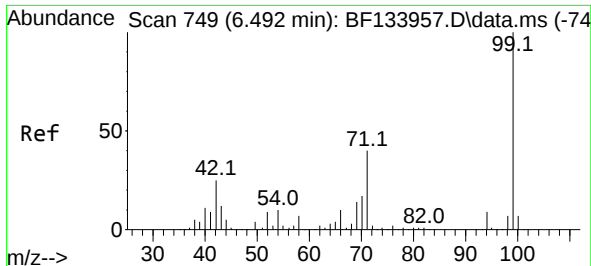
Tgt Ion:152 Resp: 138092
Ion Ratio Lower Upper
152 100
150 156.1 124.5 186.7
115 61.5 50.2 75.2



#5
2-Fluorophenol
Concen: 159.888 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134164.D
Acq: 09 Jul 2023 01:13

Tgt Ion:112 Resp: 1319926
Ion Ratio Lower Upper
112 100
64 64.4 52.1 78.1
63 37.3 28.6 42.8

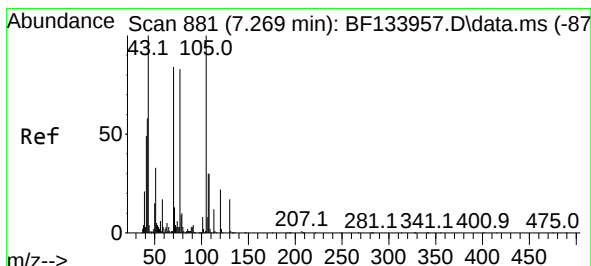
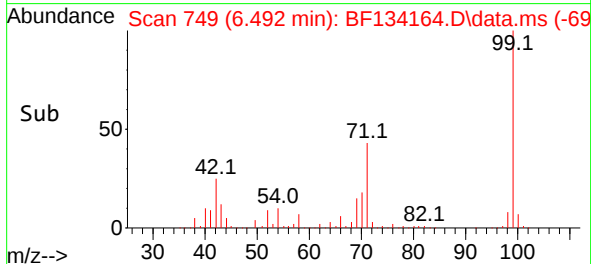
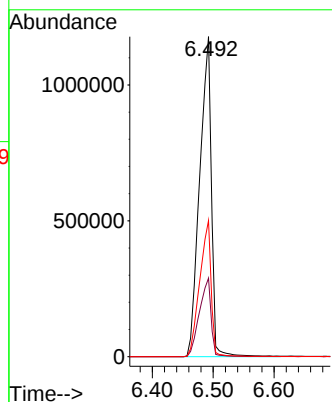
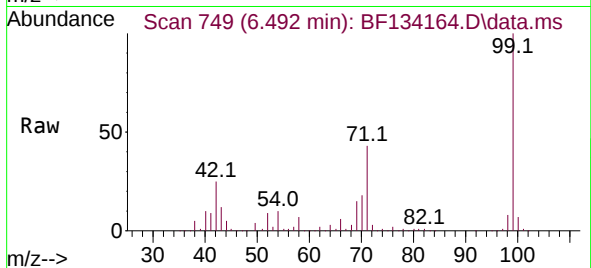




#7
Phenol-d6
Concen: 155.021 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134164.D
Acq: 09 Jul 2023 01:13

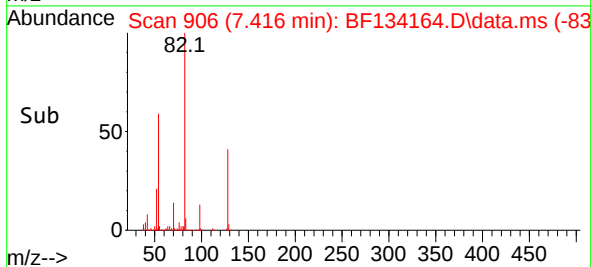
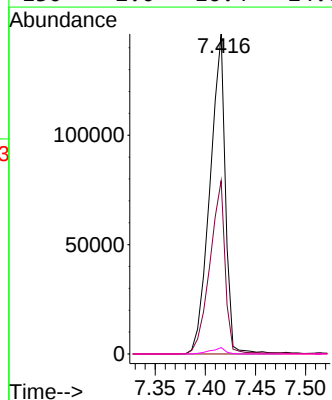
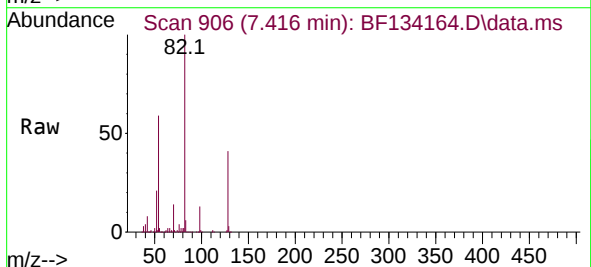
Instrument :
BNA_F
ClientSampleId :

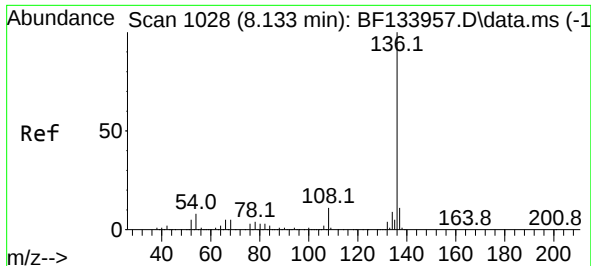
Tgt Ion: 99 Resp: 1573838
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.6
71 42.6 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 24.403 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF134164.D
Acq: 09 Jul 2023 01:13

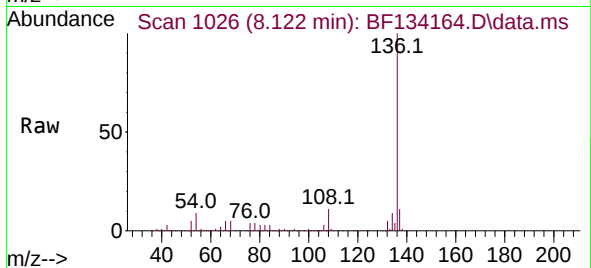
Tgt Ion: 70 Resp: 157116
Ion Ratio Lower Upper
70 100
42 54.2 54.7 82.1#
101 0.0 7.7 11.5#
130 2.0 16.4 24.6#





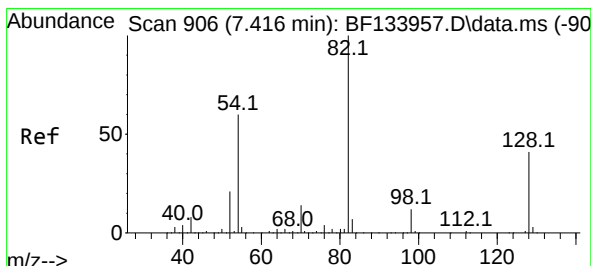
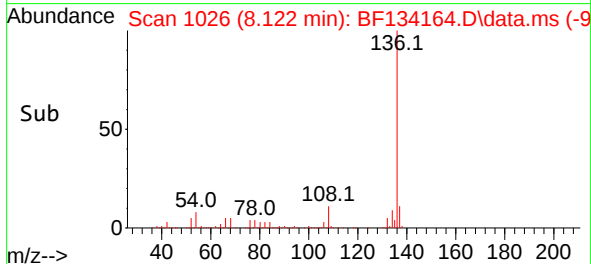
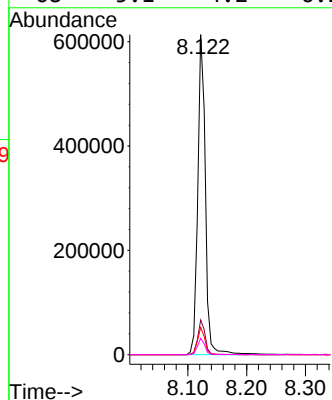
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134164.D
Acq: 09 Jul 2023 01:13

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 550988

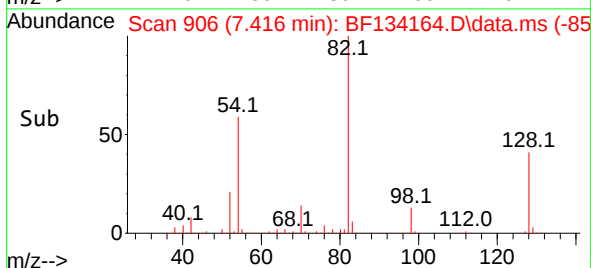
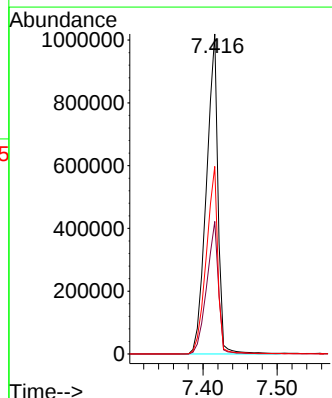
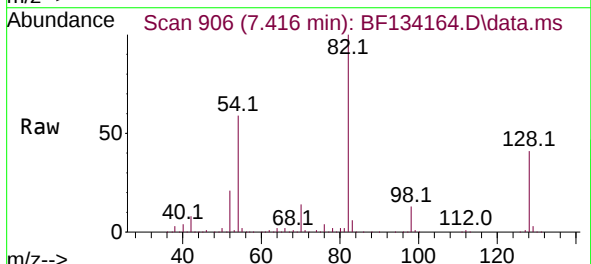
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	8.5	6.5	9.7
68	5.1	4.2	6.2

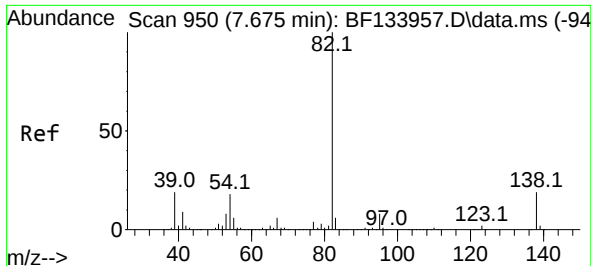


#23
Nitrobenzene-d5
Concen: 108.421 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134164.D
Acq: 09 Jul 2023 01:13

Tgt Ion: 82 Resp: 1108211

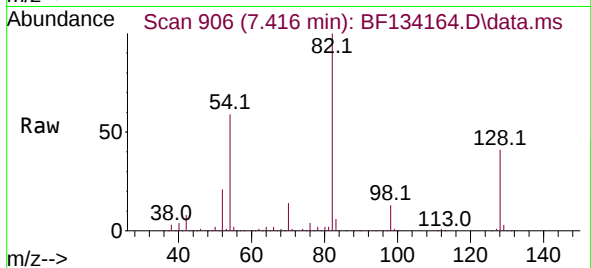
Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.5	48.7
54	58.6	48.2	72.2



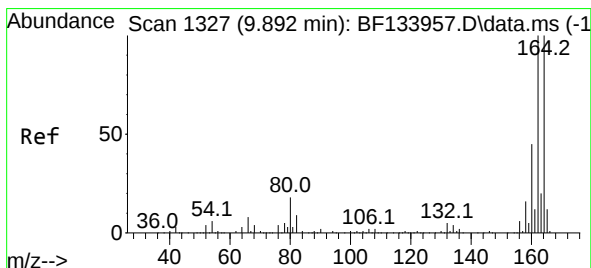
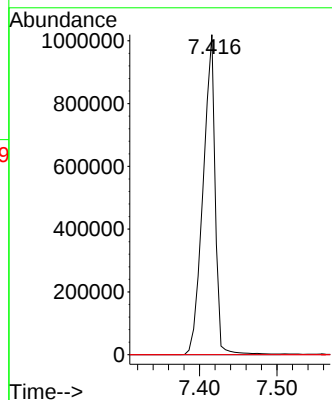
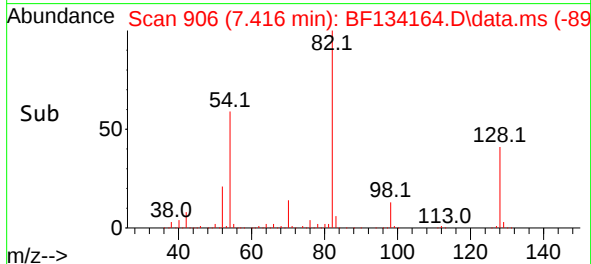


#25
Isophorone
Concen: 59.655 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134164.D
Acq: 09 Jul 2023 01:13

Instrument :
BNA_F
ClientSampleId :

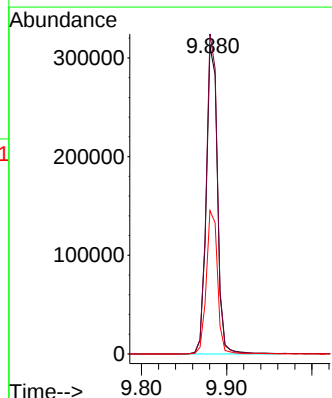
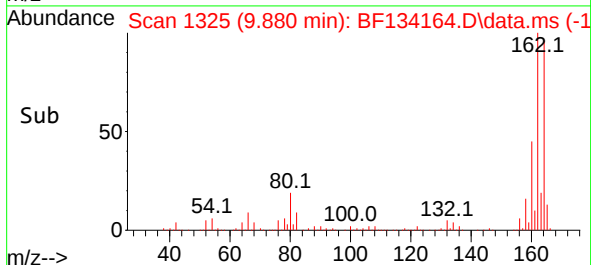
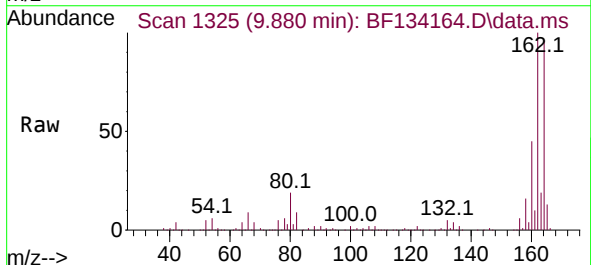


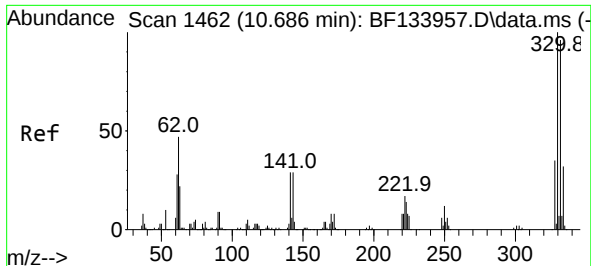
Tgt Ion: 82 Resp: 1108198
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134164.D
Acq: 09 Jul 2023 01:13

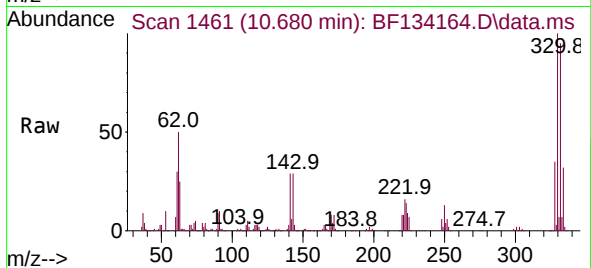
Tgt Ion:164 Resp: 284159
Ion Ratio Lower Upper
164 100
162 104.0 80.0 120.0
160 46.6 35.9 53.9



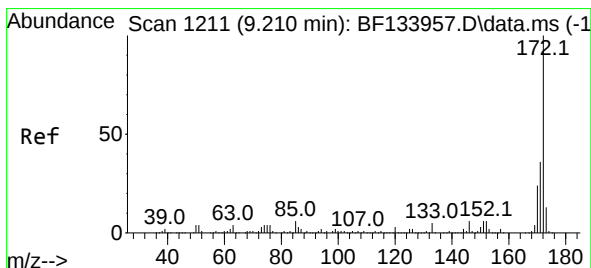
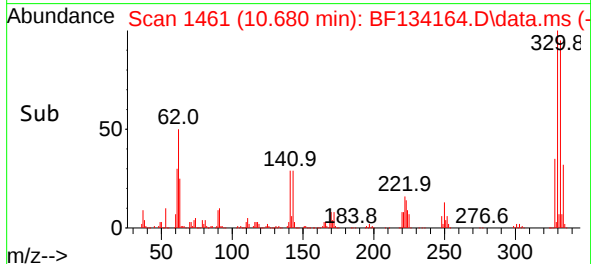
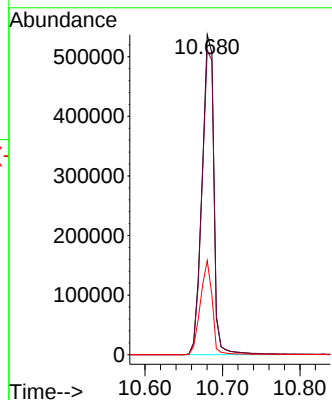


#42
 2,4,6-Tribromophenol
 Concen: 160.426 ng
 RT: 10.680 min Scan# 1461
 Delta R.T. -0.006 min
 Lab File: BF134164.D
 Acq: 09 Jul 2023 01:13

Instrument :
 BNA_F
 ClientSampleId :

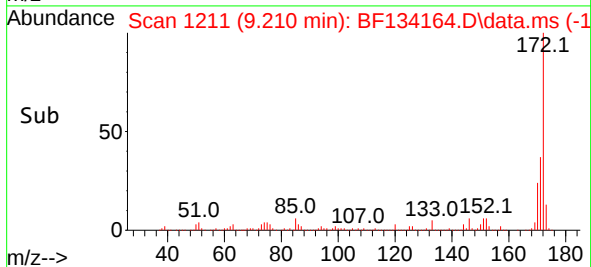
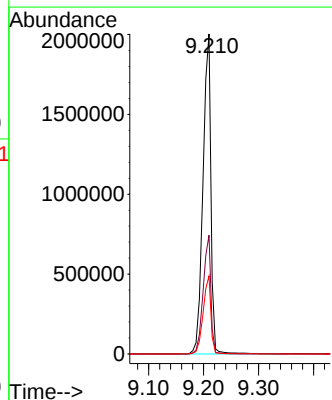
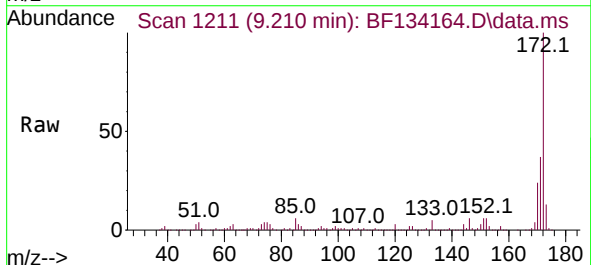


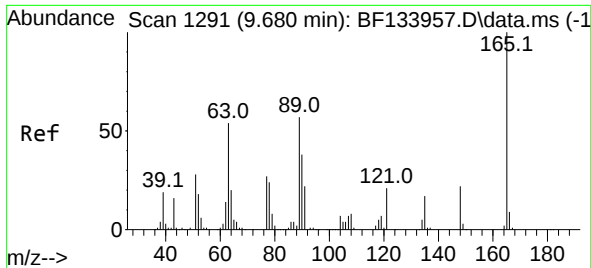
Tgt Ion:330 Resp: 571565
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 29.6 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 103.601 ng
 RT: 9.210 min Scan# 1211
 Delta R.T. -0.000 min
 Lab File: BF134164.D
 Acq: 09 Jul 2023 01:13

Tgt Ion:172 Resp: 2024842
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.6 43.0
 170 24.3 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.272 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF134164.D

Acq: 09 Jul 2023 01:13

Instrument :

BNA_F

ClientSampleId :

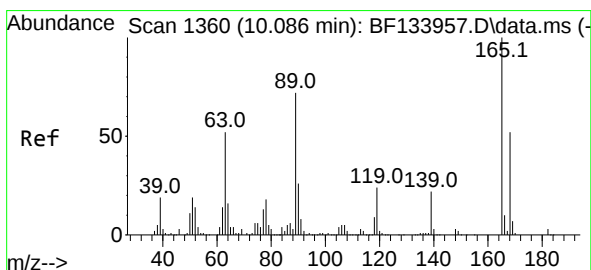
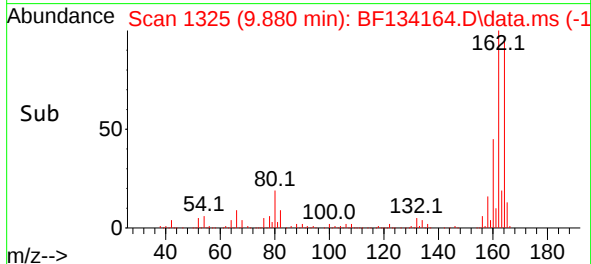
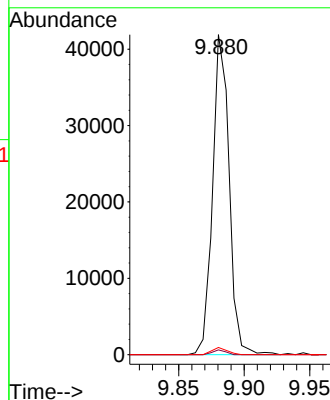
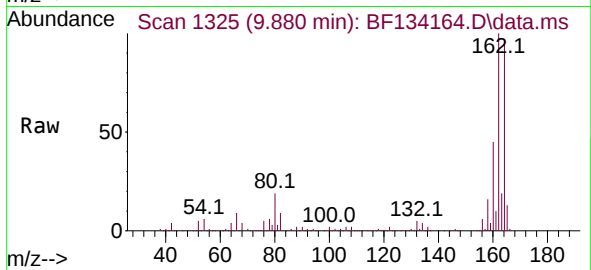
Tgt Ion:165 Resp: 36750

Ion Ratio Lower Upper

165 100

63 1.5 48.5 72.7#

89 2.3 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.264 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.206 min

Lab File: BF134164.D

Acq: 09 Jul 2023 01:13

Tgt Ion:165 Resp: 36750

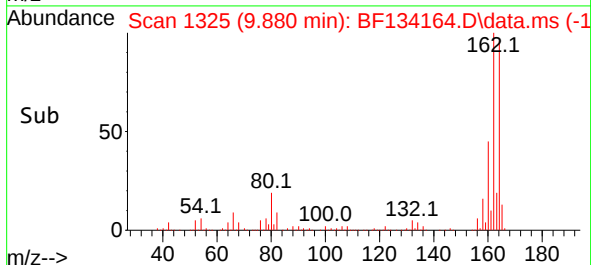
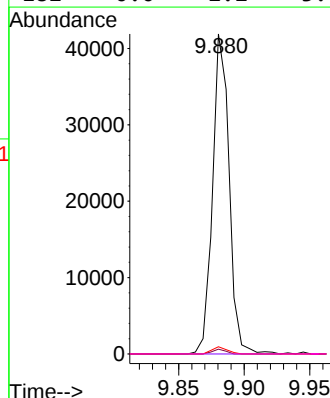
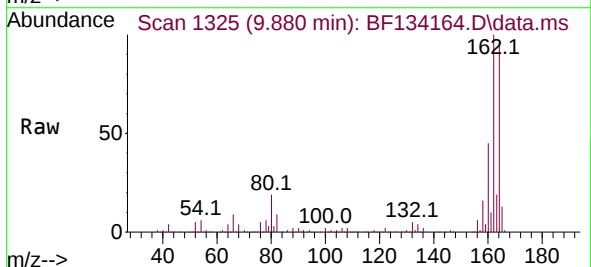
Ion Ratio Lower Upper

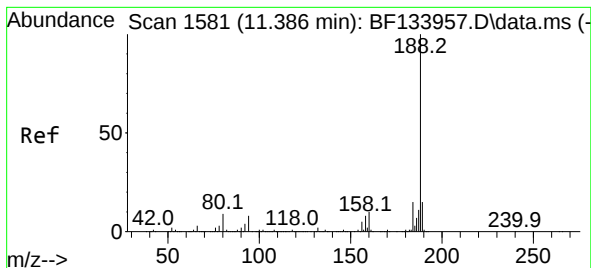
165 100

63 1.5 42.2 63.2#

89 2.3 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: BF134164.D

Acq: 09 Jul 2023 01:13

Instrument :

BNA_F

ClientSampleId :

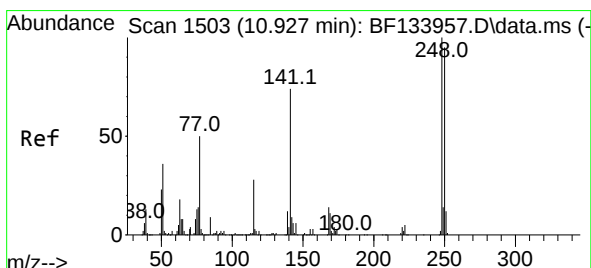
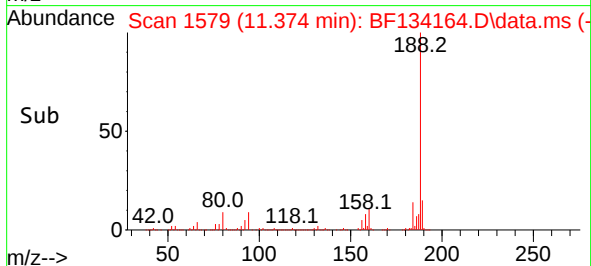
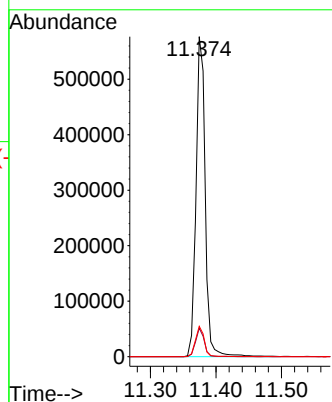
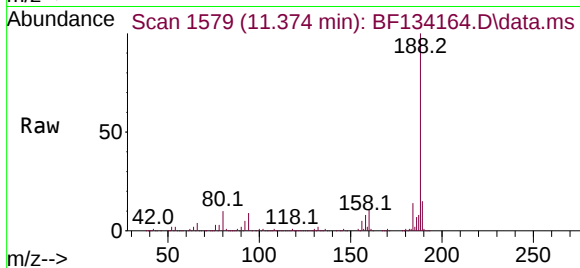
Tgt Ion:188 Resp: 563256

Ion Ratio Lower Upper

188 100

94 8.9 6.4 9.6

80 9.5 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 5.629 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.247 min

Lab File: BF134164.D

Acq: 09 Jul 2023 01:13

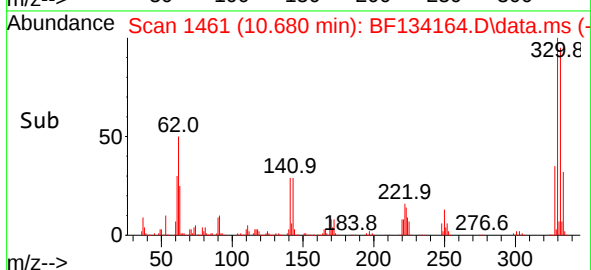
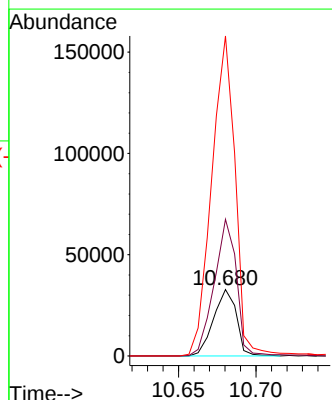
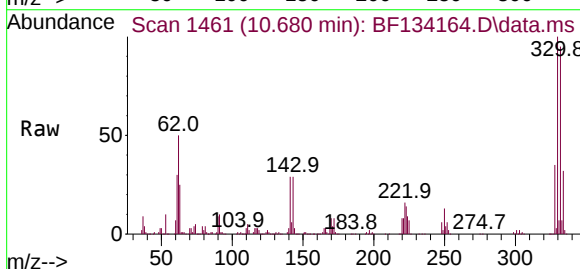
Tgt Ion:248 Resp: 33698

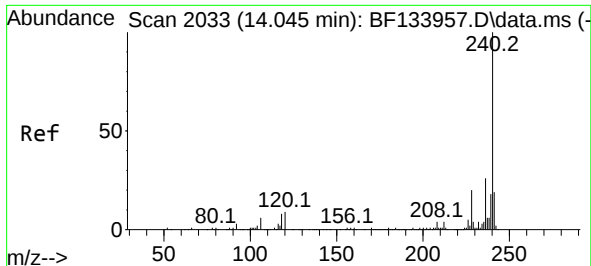
Ion Ratio Lower Upper

248 100

250 205.7 76.2 114.4#

141 481.4 59.0 88.4#

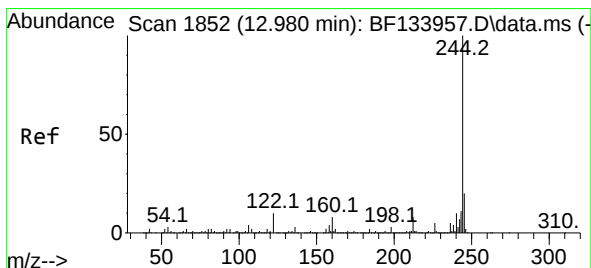
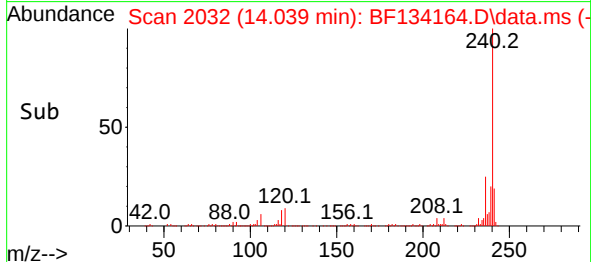
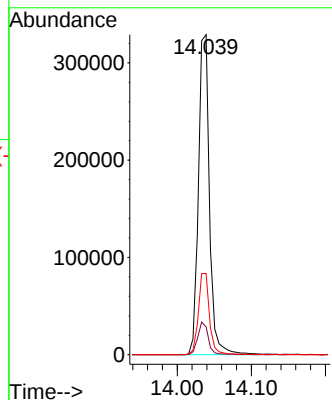
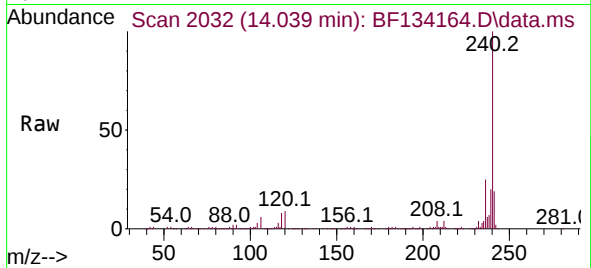




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF134164.D
Acq: 09 Jul 2023 01:13

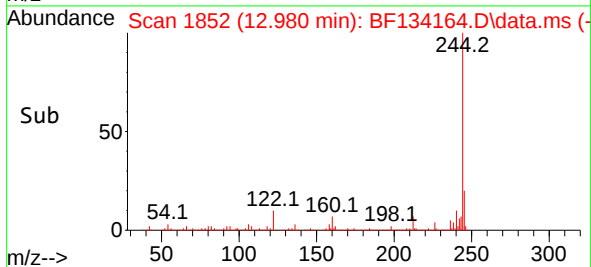
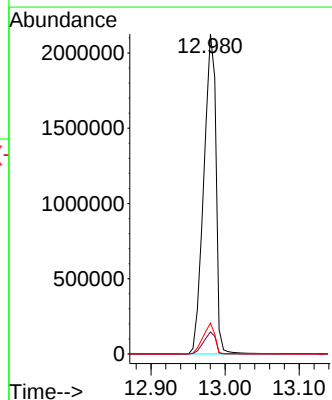
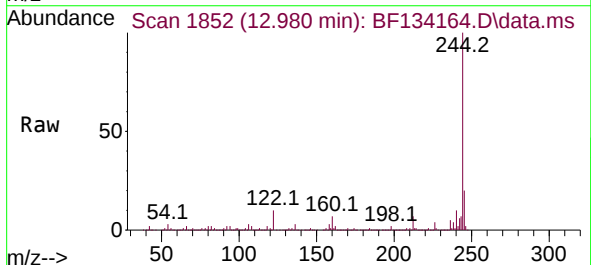
Instrument :
BNA_F
ClientSampleId :

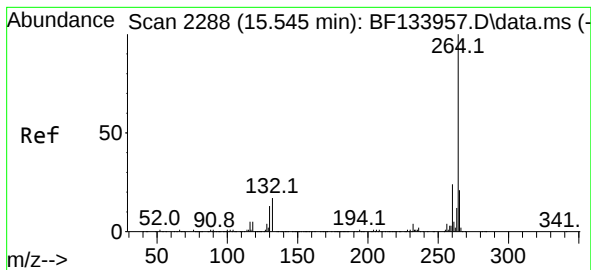
Tgt Ion:240 Resp: 340601
Ion Ratio Lower Upper
240 100
120 8.7 7.4 11.0
236 25.4 21.0 31.6



#79
Terphenyl-d14
Concen: 115.455 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF134164.D
Acq: 09 Jul 2023 01:13

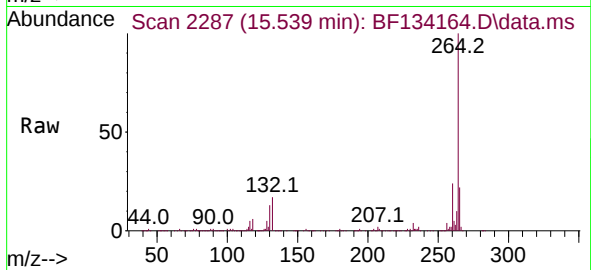
Tgt Ion:244 Resp: 2443382
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 9.6 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134164.D
Acq: 09 Jul 2023 01:13

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 284503

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	16.6	25.0

