

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134110.D
 Acq On : 06 Jul 2023 22:28
 Operator : CG\JU
 Sample : 03475-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ALDENE-COMP-2

Quant Time: Jul 07 01:33:36 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)

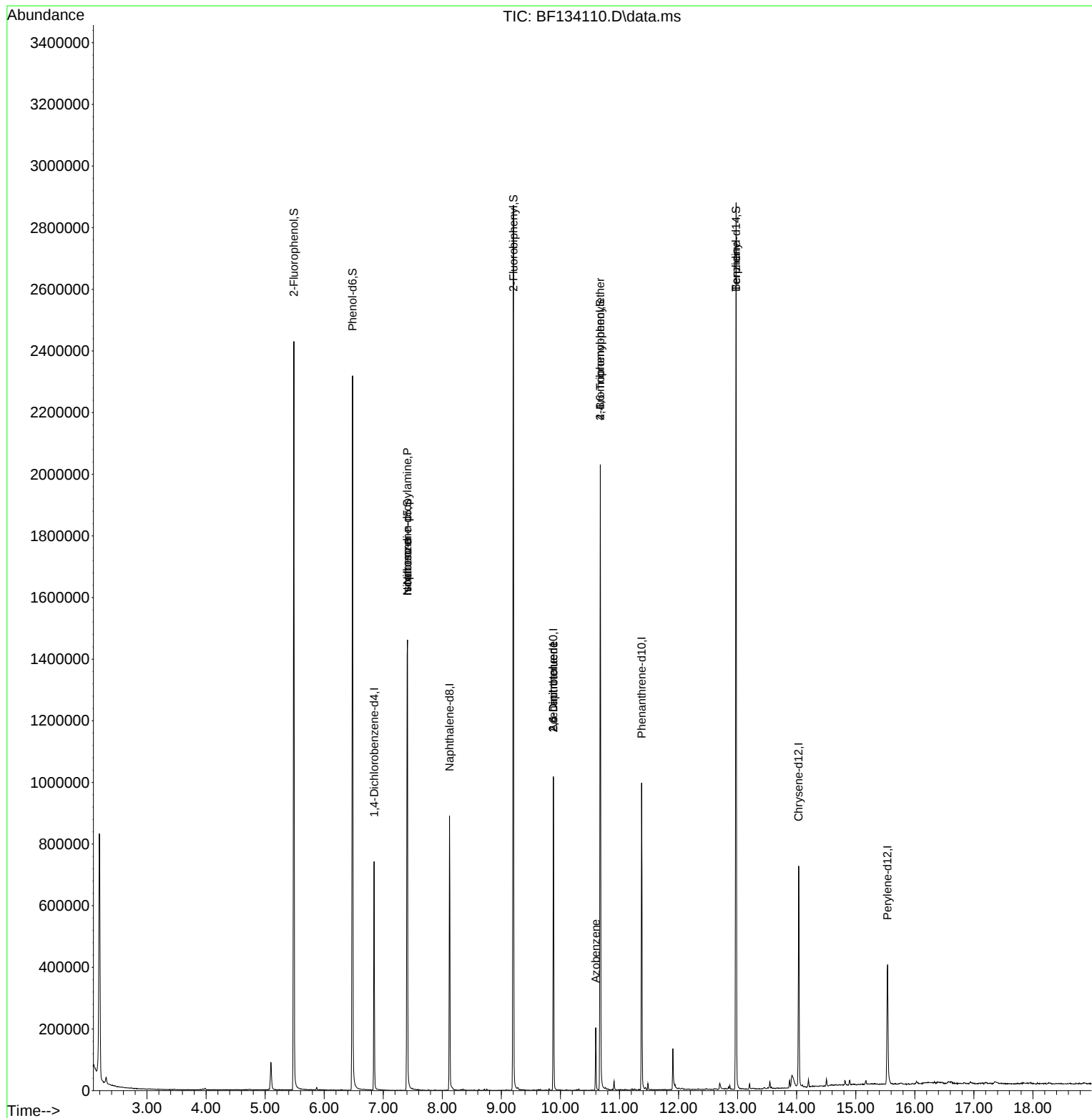
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	98570	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	383280	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	190098	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	364570	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	238154	20.000	ng	-0.02
86) Perylene-d12	15.539	264	201988	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	595815	101.112	ng	0.00
7) Phenol-d6	6.481	99	721835	99.608	ng	-0.01
23) Nitrobenzene-d5	7.410	82	488108	68.649	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	236945	99.413	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	871354	66.642	ng	0.00
79) Terphenyl-d14	12.974	244	962573	65.050	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	1128	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	67887	14.772	ng	# 74
25) Isophorone	7.410	82	488105	37.772	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	24323	8.184	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	24323	6.197	ng	# 22
63) Azobenzene	10.598	77	33995	2.500	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	14715	3.797	ng	# 1
77) Benzidine	12.974	184	13614	2.402	ng	# 88

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

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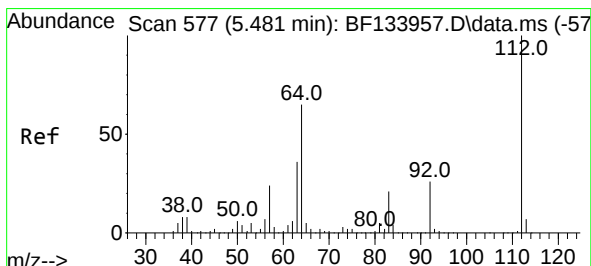
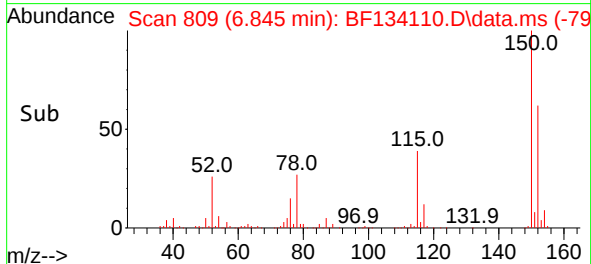
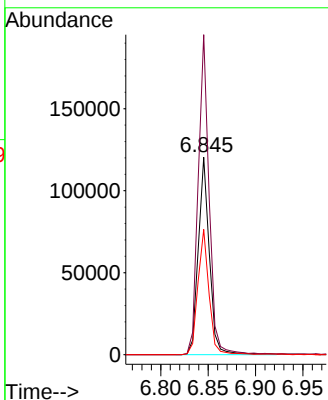
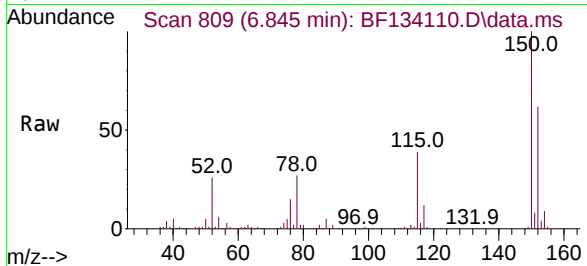




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF134110.D
Acq: 06 Jul 2023 22:28

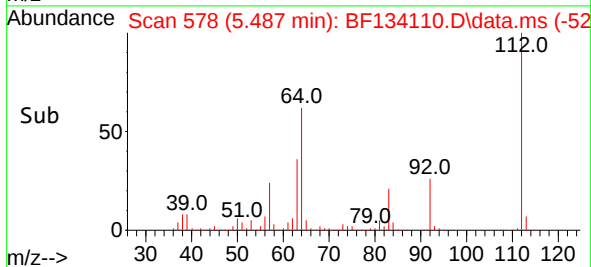
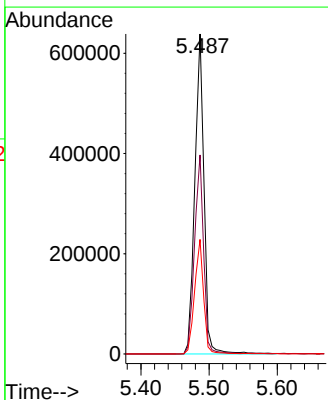
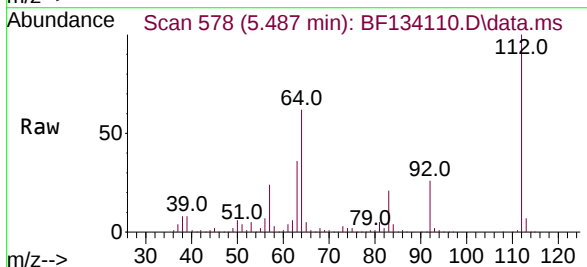
Instrument :
BNA_F
ClientSampleId :
ALDENE-COMP-2

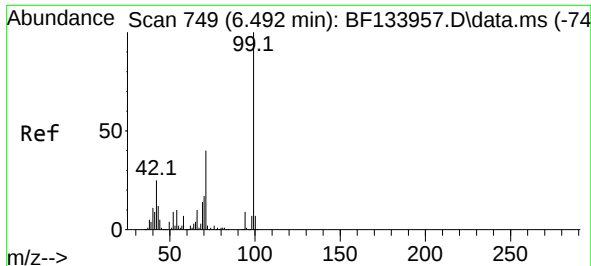
Tgt Ion:152 Resp: 98570
Ion Ratio Lower Upper
152 100
150 162.1 124.5 186.7
115 63.5 50.2 75.2



#5
2-Fluorophenol
Concen: 101.112 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF134110.D
Acq: 06 Jul 2023 22:28

Tgt Ion:112 Resp: 595815
Ion Ratio Lower Upper
112 100
64 62.2 52.1 78.1
63 35.8 28.6 42.8

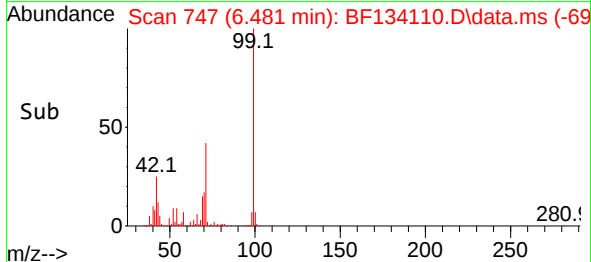
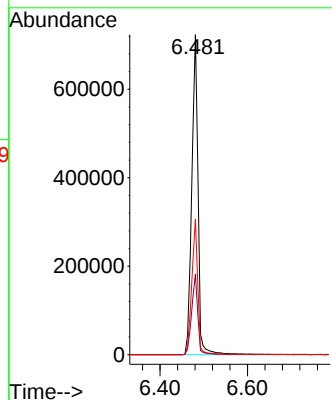
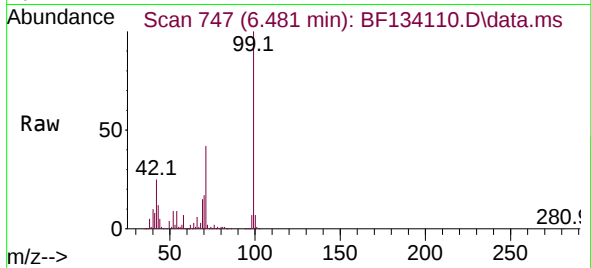




#7
Phenol-d6
Concen: 99.608 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134110.D
Acq: 06 Jul 2023 22:28

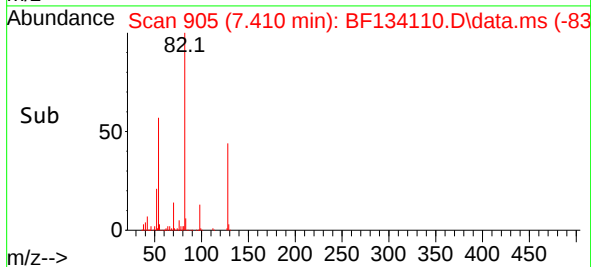
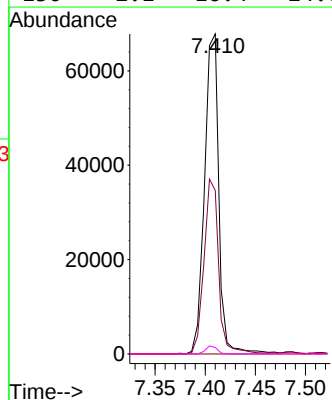
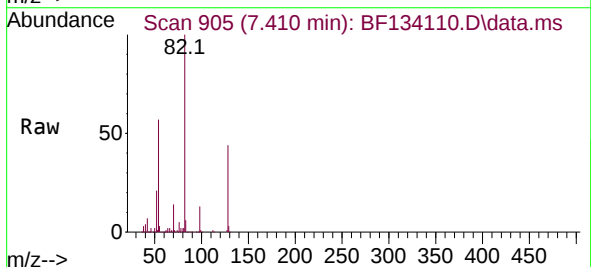
Instrument :
BNA_F
ClientSampleId :
ALDENE-COMP-2

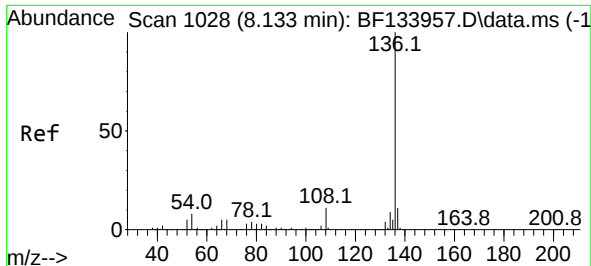
Tgt Ion: 99 Resp: 721835
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.6
71 42.2 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.772 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134110.D
Acq: 06 Jul 2023 22:28

Tgt Ion: 70 Resp: 67887
Ion Ratio Lower Upper
70 100
42 51.1 54.7 82.1#
101 0.0 7.7 11.5#
130 2.1 16.4 24.6#



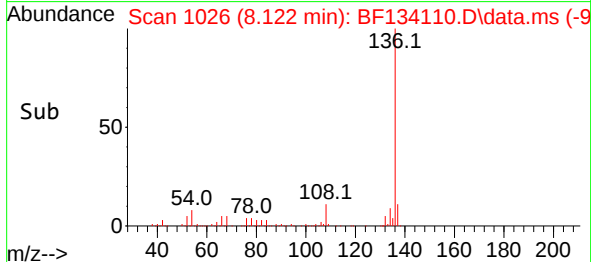
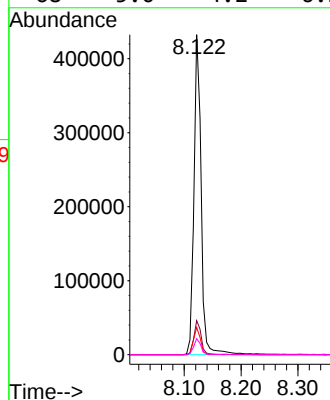
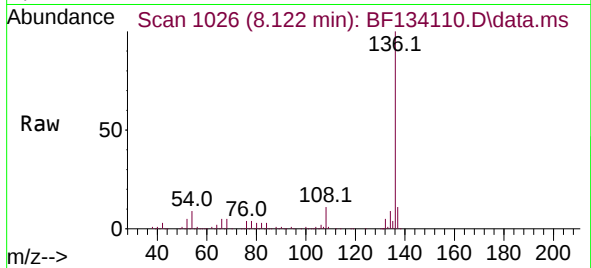


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF134110.D
Acq: 06 Jul 2023 22:28

Instrument :
BNA_F
ClientSampleId :
ALDENE-COMP-2

Tgt Ion:136 Resp: 383280

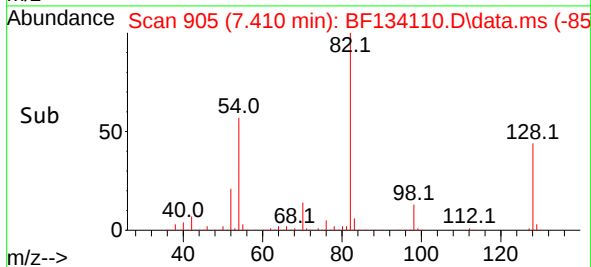
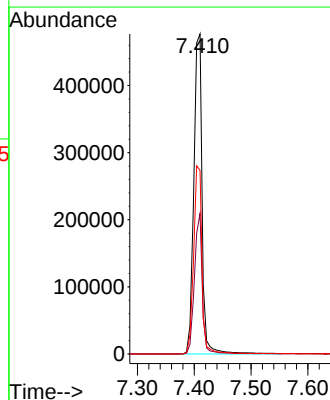
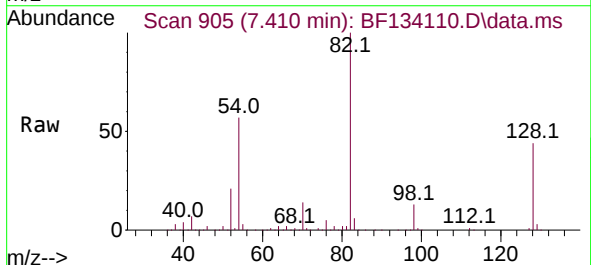
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.5	6.5	9.7
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 68.649 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134110.D
Acq: 06 Jul 2023 22:28

Tgt Ion: 82 Resp: 488108

Ion	Ratio	Lower	Upper
82	100		
128	43.9	32.5	48.7
54	57.3	48.2	72.2

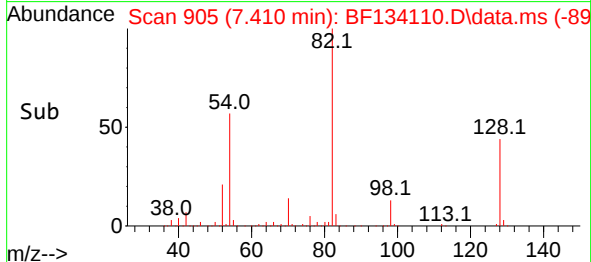
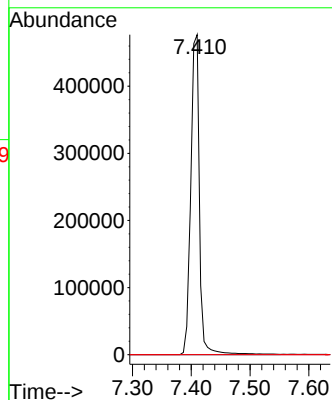
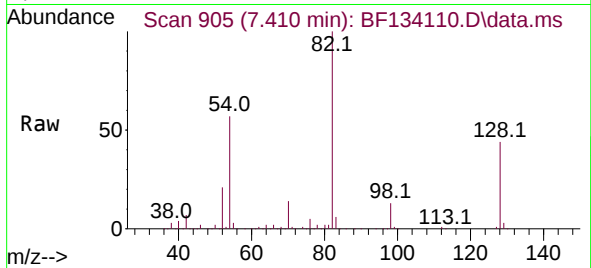




#25
Isophorone
Concen: 37.772 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134110.D
Acq: 06 Jul 2023 22:28

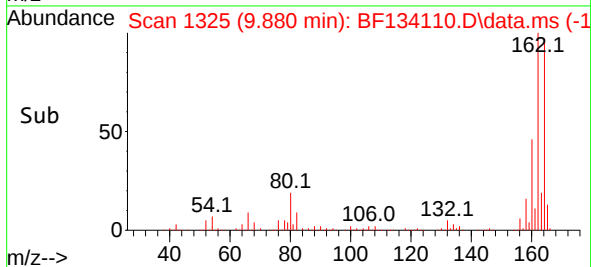
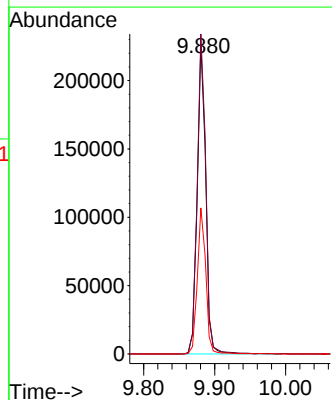
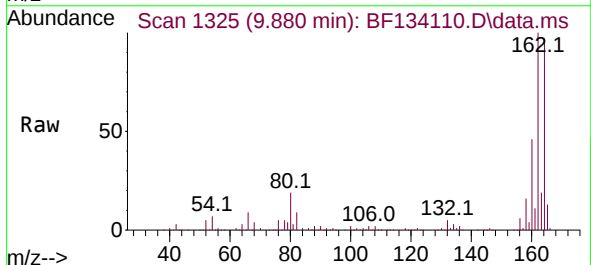
Instrument :
BNA_F
ClientSampleId :
ALDENE-COMP-2

Tgt Ion: 82 Resp: 488105
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: BF134110.D
Acq: 06 Jul 2023 22:28

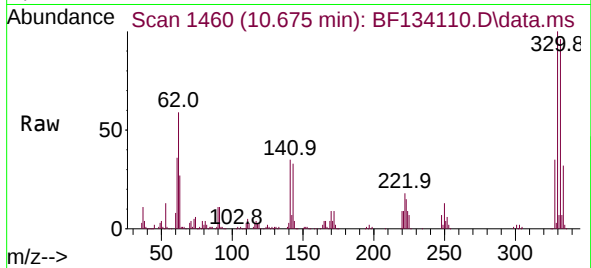
Tgt Ion:164 Resp: 190098
Ion Ratio Lower Upper
164 100
162 103.1 80.0 120.0
160 47.1 35.9 53.9



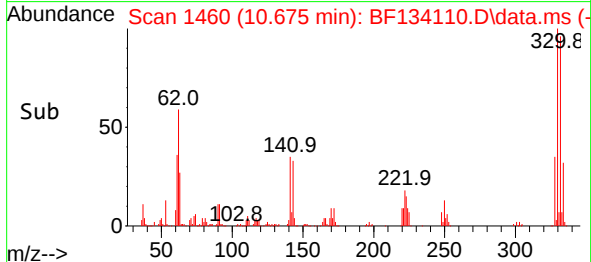
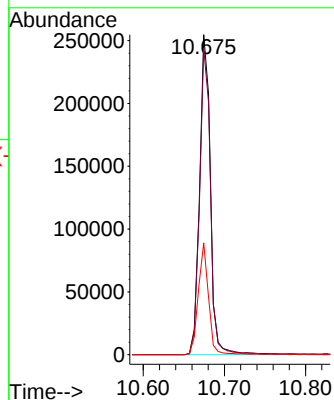


#42
2,4,6-Tribromophenol
Concen: 99.413 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF134110.D
Acq: 06 Jul 2023 22:28

Instrument :
BNA_F
ClientSampleId :
ALDENE-COMP-2

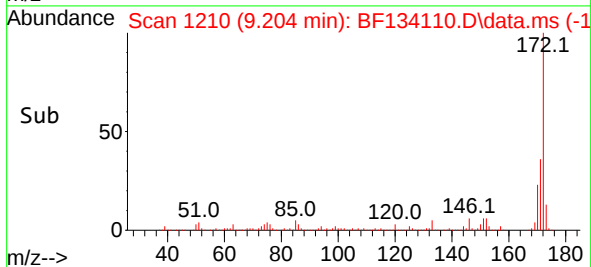
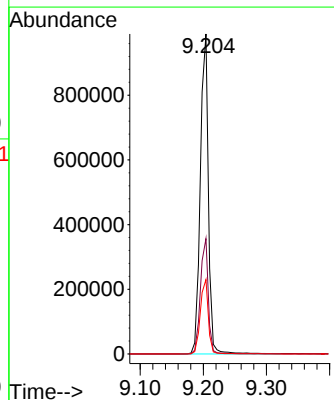
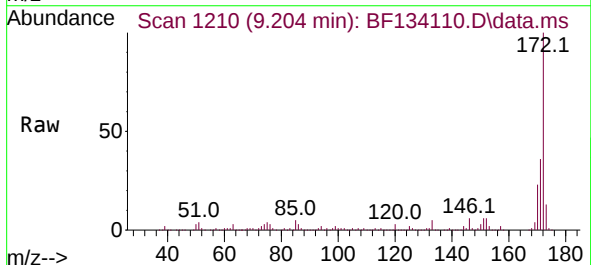


Tgt Ion: 330 Resp: 236945
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 33.4 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 66.642 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134110.D
Acq: 06 Jul 2023 22:28

Tgt Ion: 172 Resp: 871354
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.2 19.4 29.0

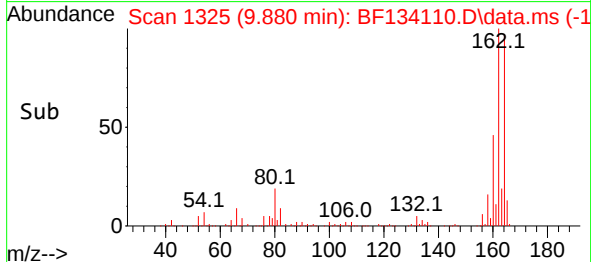
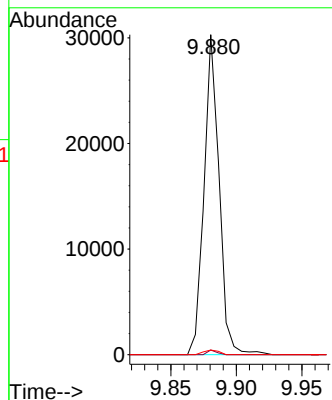
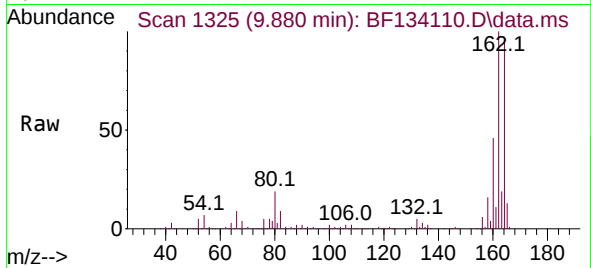




#51
2,6-Dinitrotoluene
Concen: 8.184 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134110.D
Acq: 06 Jul 2023 22:28

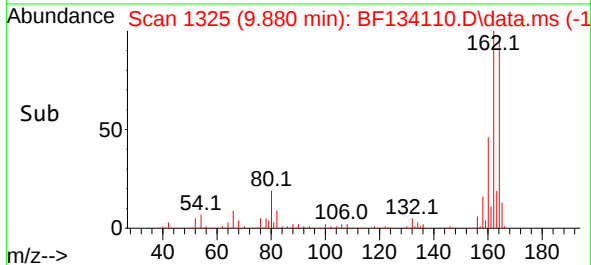
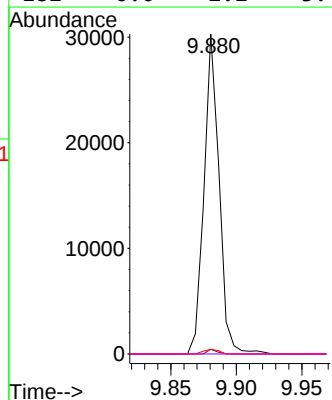
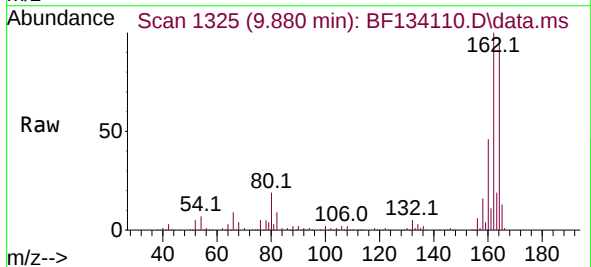
Instrument :
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ClientSampleId :
ALDENE-COMP-2

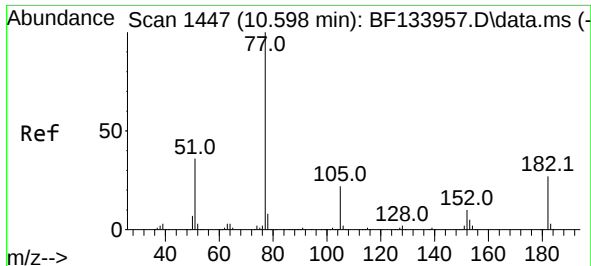
Tgt Ion:165 Resp: 24323
Ion Ratio Lower Upper
165 100
63 1.5 48.5 72.7#
89 1.5 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.197 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF134110.D
Acq: 06 Jul 2023 22:28

Tgt Ion:165 Resp: 24323
Ion Ratio Lower Upper
165 100
63 1.5 42.2 63.2#
89 1.5 57.4 86.2#
182 0.0 2.2 3.4#

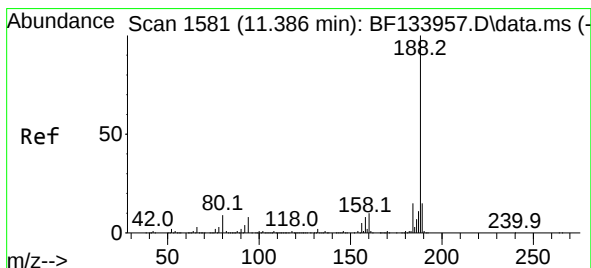
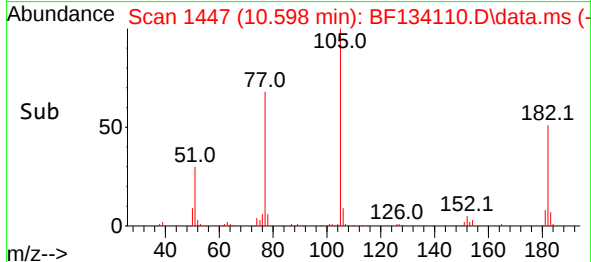
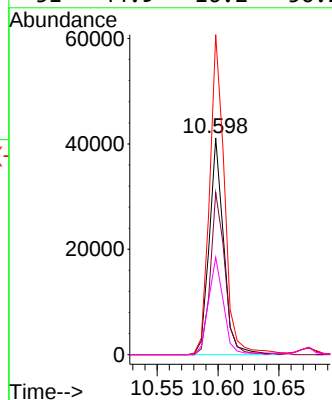
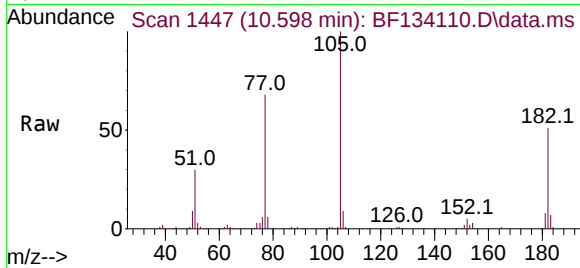




#63
 Azobenzene
 Concen: 2.500 ng
 RT: 10.598 min Scan# 1447
 Delta R.T. -0.000 min
 Lab File: BF134110.D
 Acq: 06 Jul 2023 22:28

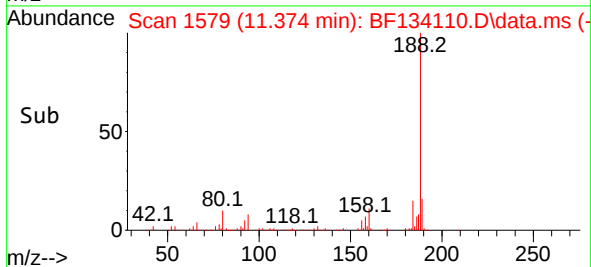
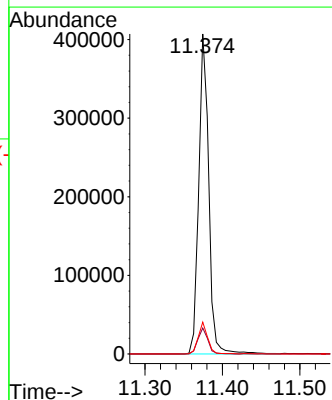
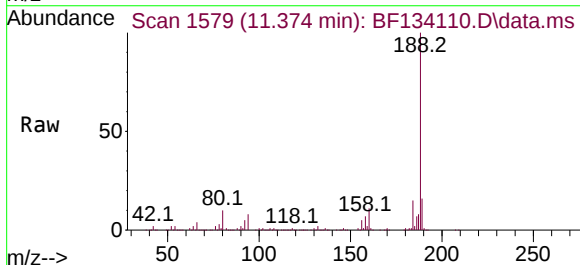
Instrument :
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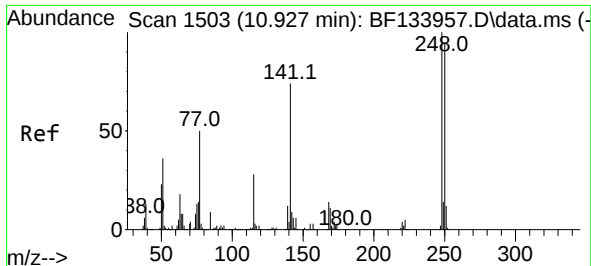
Tgt Ion: 77 Resp: 33995
 Ion Ratio Lower Upper
 77 100
 182 74.9 6.8 46.8#
 105 147.8 2.3 42.3#
 51 44.9 16.2 56.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.374 min Scan# 1579
 Delta R.T. -0.012 min
 Lab File: BF134110.D
 Acq: 06 Jul 2023 22:28

Tgt Ion: 188 Resp: 364570
 Ion Ratio Lower Upper
 188 100
 94 8.1 6.4 9.6
 80 10.0 7.3 10.9

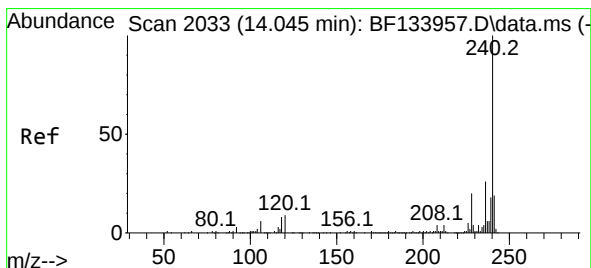
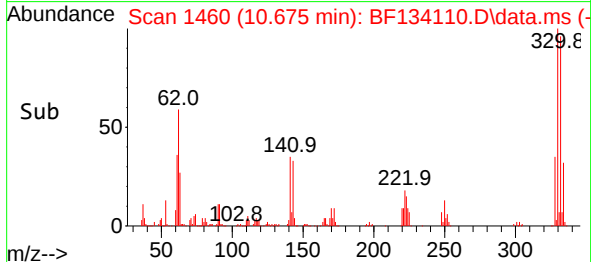
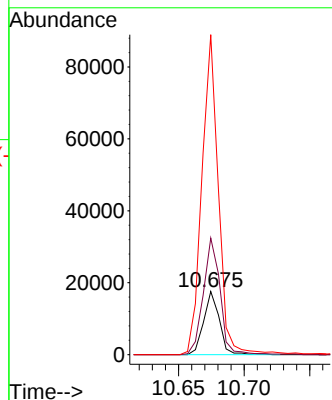
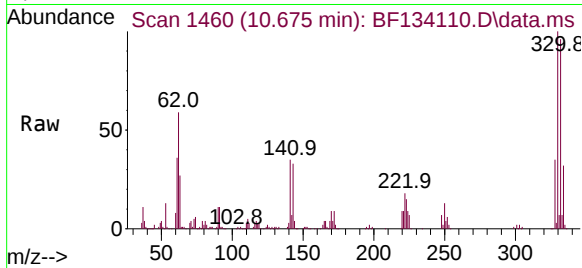




#67
4-Bromophenyl-phenylether
Concen: 3.797 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF134110.D
Acq: 06 Jul 2023 22:28

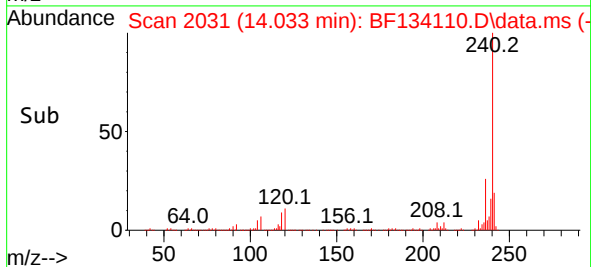
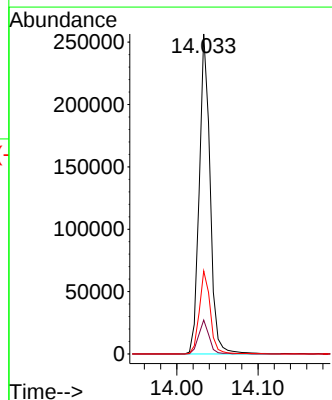
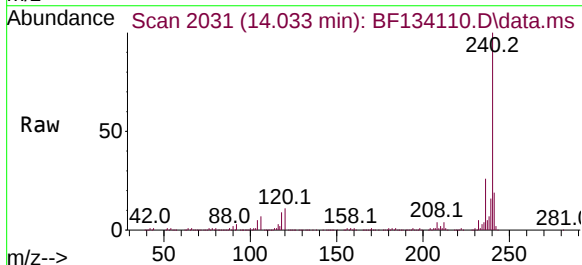
Instrument :
BNA_F
ClientSampleId :
ALDENE-COMP-2

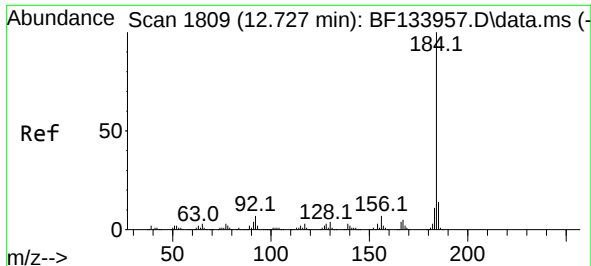
Tgt Ion:248 Resp: 14715
Ion Ratio Lower Upper
248 100
250 184.7 76.2 114.4#
141 506.4 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134110.D
Acq: 06 Jul 2023 22:28

Tgt Ion:240 Resp: 238154
Ion Ratio Lower Upper
240 100
120 10.6 7.4 11.0
236 25.9 21.0 31.6

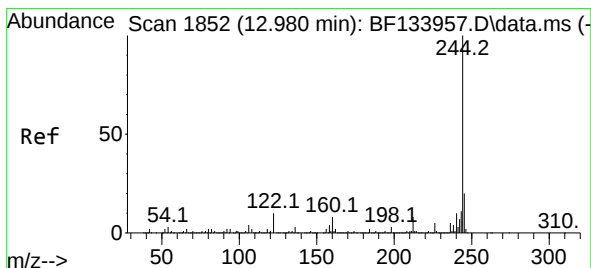
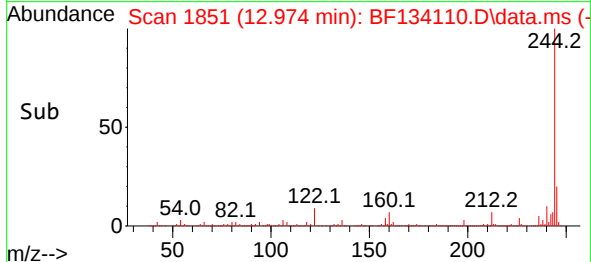
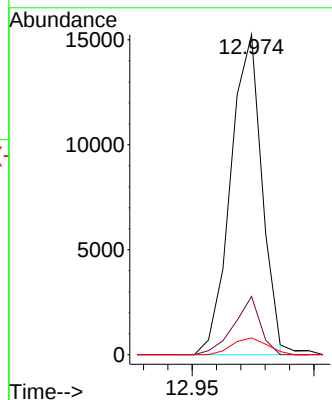
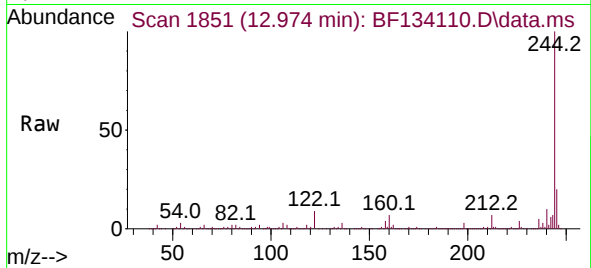




#77
Benzidine
Concen: 2.402 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134110.D
Acq: 06 Jul 2023 22:28

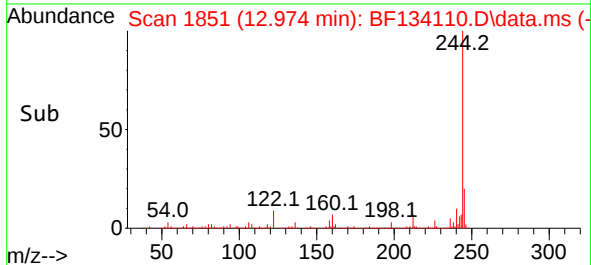
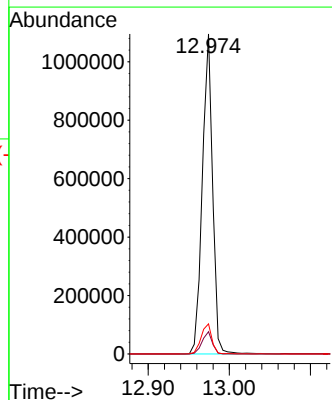
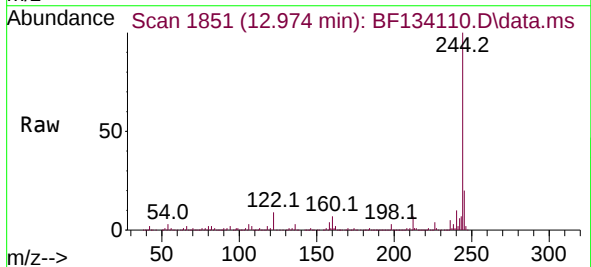
Instrument :
BNA_F
ClientSampleId :
ALDENE-COMP-2

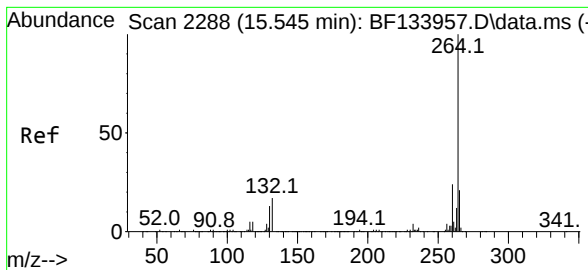
Tgt Ion:184 Resp: 13614
Ion Ratio Lower Upper
184 100
185 18.2 11.6 17.4#
183 5.3 8.8 13.2#



#79
Terphenyl-d14
Concen: 65.050 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF134110.D
Acq: 06 Jul 2023 22:28

Tgt Ion:244 Resp: 962573
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.4 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: BF134110.D
 Acq: 06 Jul 2023 22:28

Instrument :
 BNA_F
 ClientSampleId :
 ALDENE-COMP-2

Tgt Ion:264 Resp: 201988

Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	20.7	16.6	25.0

