

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
 Data File : BF140277.D
 Acq On : 07 Nov 2024 16:13
 Operator : RC/JU
 Sample : P4719-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BAYAVE-STOCKPILE

Quant Time: Nov 07 16:55:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

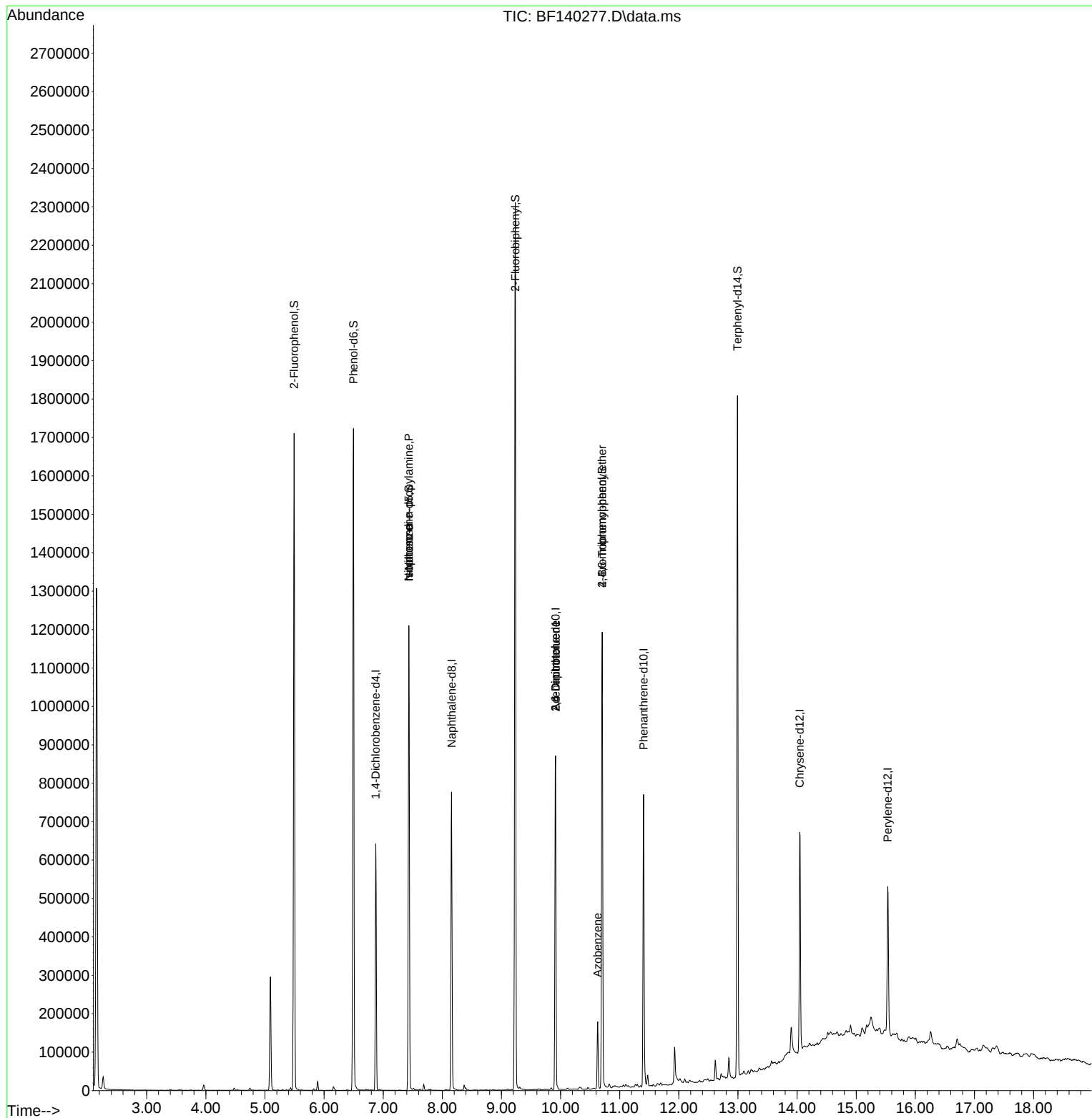
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	126456	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	467443	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	269055	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	403062	20.000	ng	0.00
76) Chrysene-d12	14.045	240	284803	20.000	ng	-0.02
86) Perylene-d12	15.533	264	243229	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	605313	79.326	ng	0.00
7) Phenol-d6	6.498	99	785446	80.026	ng	0.00
23) Nitrobenzene-d5	7.434	82	527205	56.075	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	198985	74.821	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1016131	60.306	ng	0.00
79) Terphenyl-d14	12.992	244	867307	49.886	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	71893	11.482	ng	# 77
25) Isophorone	7.434	82	520494	32.152	ng	# 67
51) 2,6-Dinitrotoluene	9.916	165	35778	9.186	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	35778	7.079	ng	# 19
63) Azobenzene	10.627	77	44447	2.604	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	12694	2.925	ng	# 1

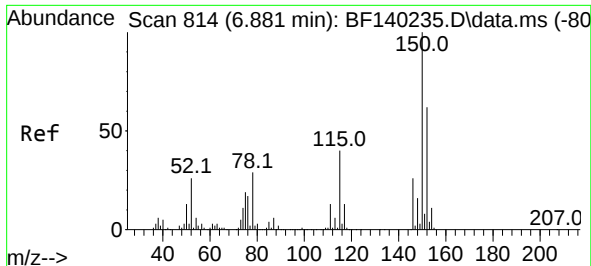
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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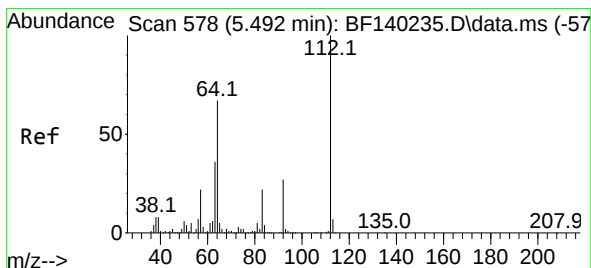
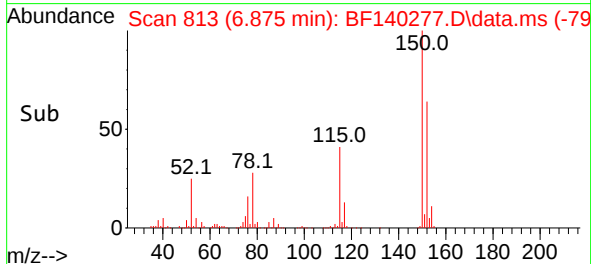
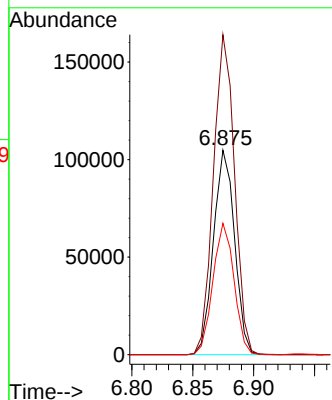
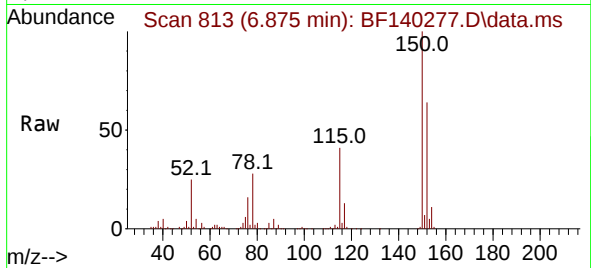




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140277.D
Acq: 07 Nov 2024 16:13

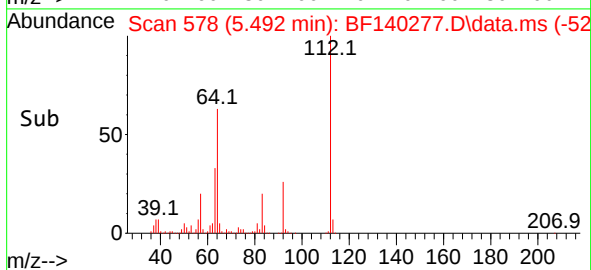
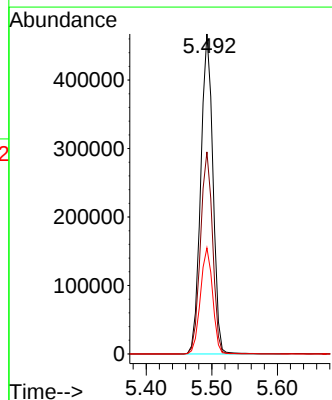
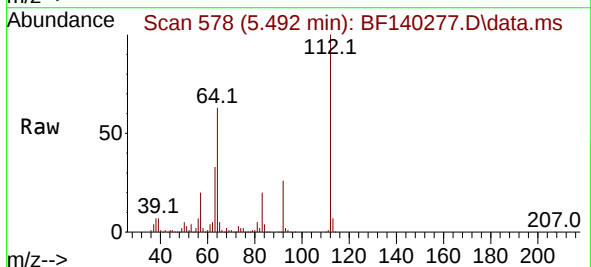
Instrument :
BNA_F
ClientSampleId :
BAYAVE-STOCKPILE

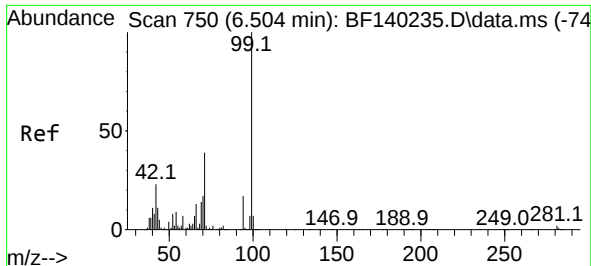
Tgt Ion:152 Resp: 126456
Ion Ratio Lower Upper
152 100
150 156.5 129.4 194.2
115 64.3 51.5 77.3



#5
2-Fluorophenol
Concen: 79.326 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF140277.D
Acq: 07 Nov 2024 16:13

Tgt Ion:112 Resp: 605313
Ion Ratio Lower Upper
112 100
64 63.1 53.4 80.2
63 33.2 28.9 43.3

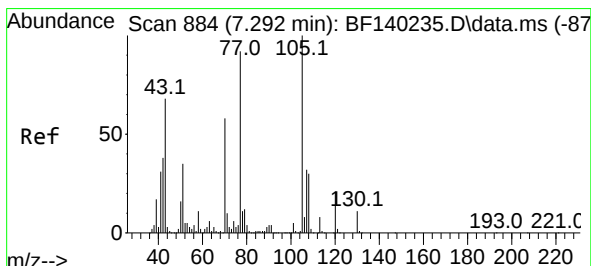
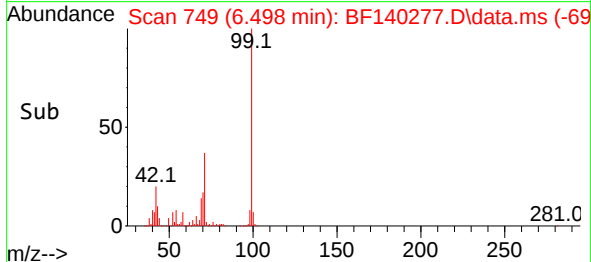
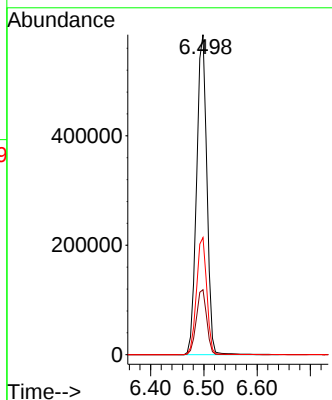
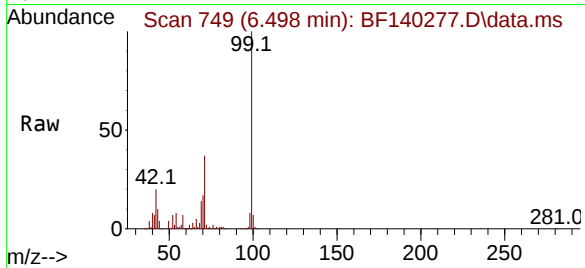




#7
Phenol-d6
Concen: 80.026 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF140277.D
Acq: 07 Nov 2024 16:13

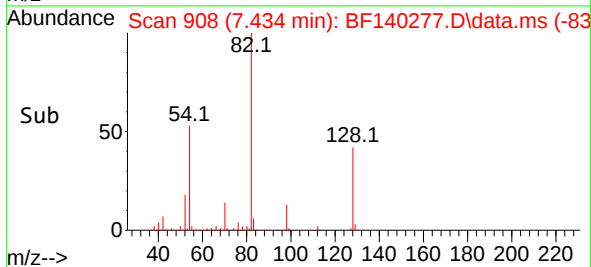
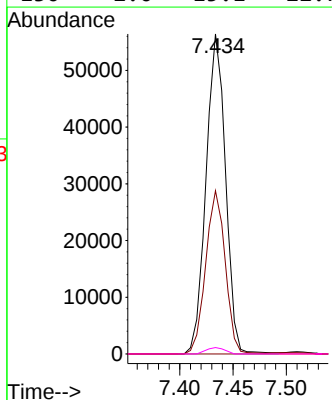
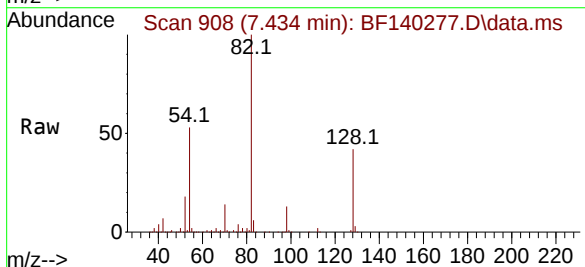
Instrument :
BNA_F
ClientSampleId :
BAYAVE-STOCKPILE

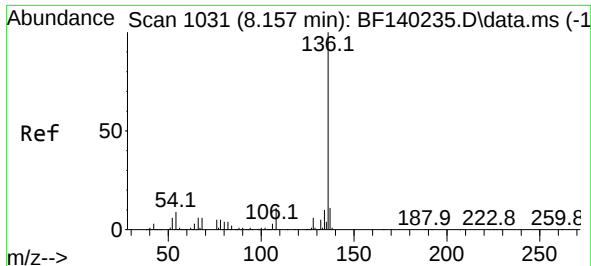
Tgt Ion: 99 Resp: 785446
Ion Ratio Lower Upper
99 100
42 20.3 18.2 27.2
71 36.6 30.9 46.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.482 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140277.D
Acq: 07 Nov 2024 16:13

Tgt Ion: 70 Resp: 71893
Ion Ratio Lower Upper
70 100
42 51.0 52.8 79.2#
101 0.0 7.4 11.2#
130 2.0 15.1 22.7#



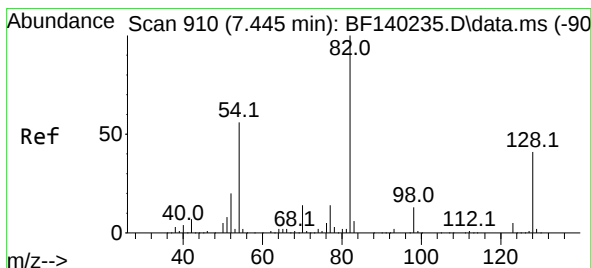
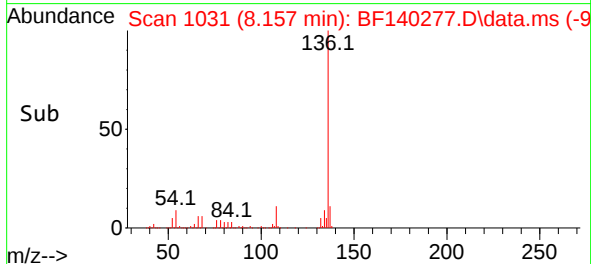
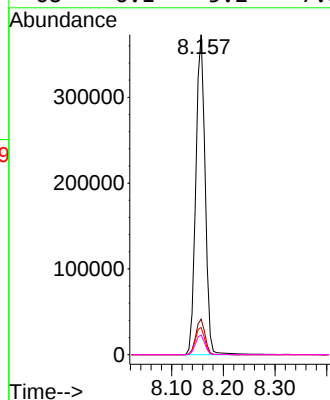
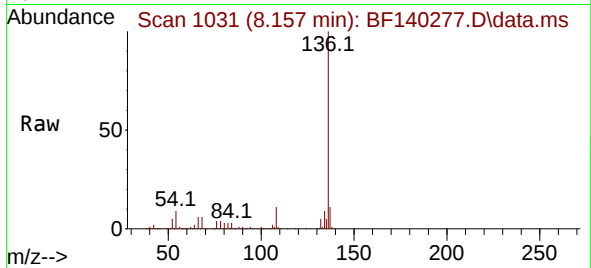


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140277.D
Acq: 07 Nov 2024 16:13

Instrument :
BNA_F
ClientSampleId :
BAYAVE-STOCKPILE

Tgt Ion:136 Resp: 467443

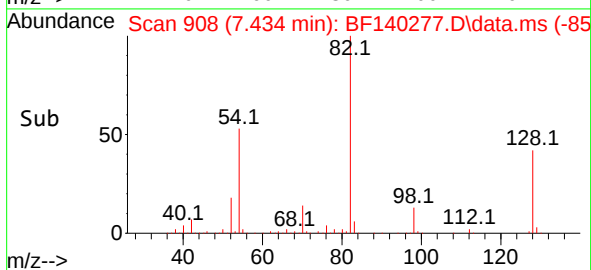
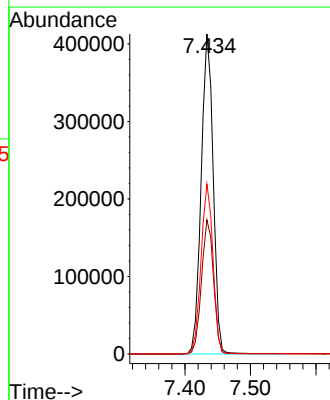
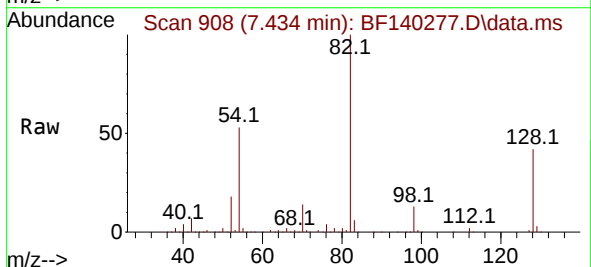
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.5	7.7	11.5
68	6.1	5.2	7.8

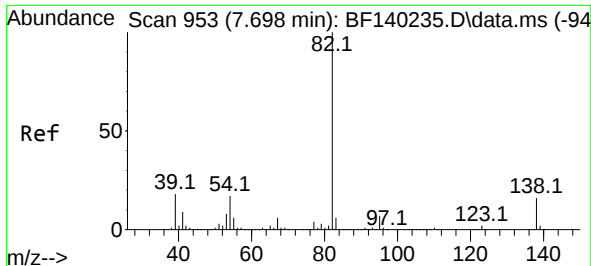


#23
Nitrobenzene-d5
Concen: 56.075 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF140277.D
Acq: 07 Nov 2024 16:13

Tgt Ion: 82 Resp: 527205

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.8	49.2
54	53.1	44.3	66.5

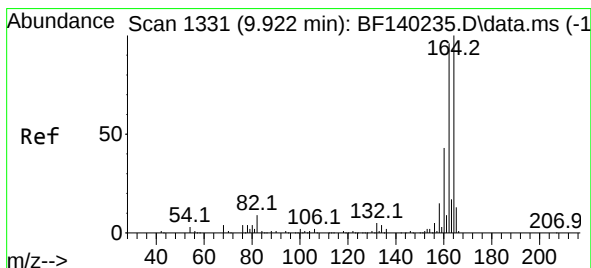
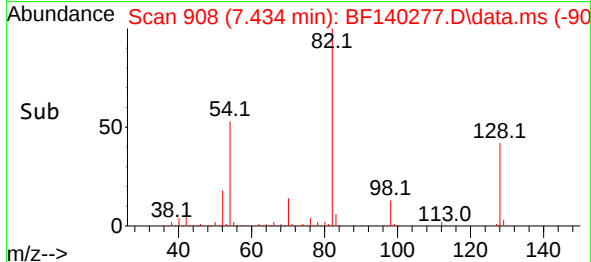
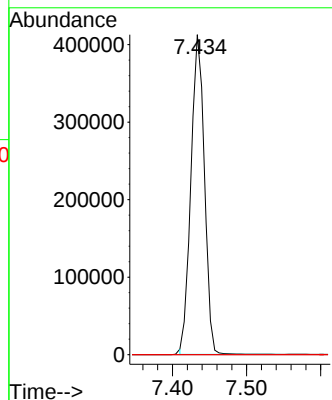
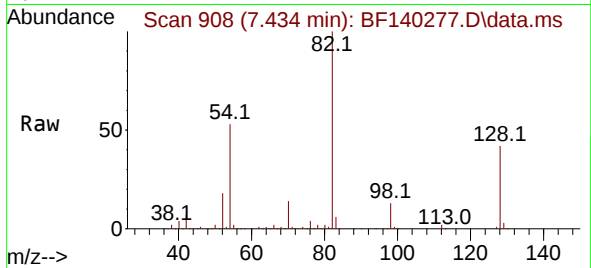




#25
Isophorone
Concen: 32.152 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140277.D
Acq: 07 Nov 2024 16:13

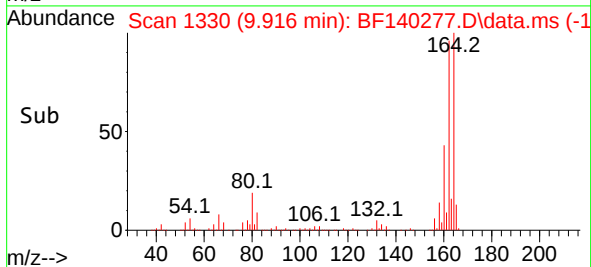
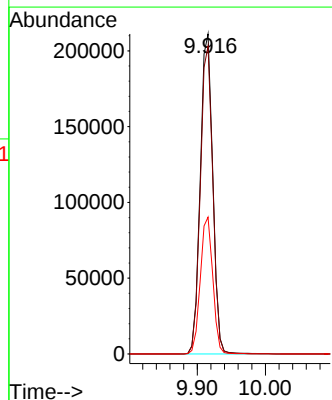
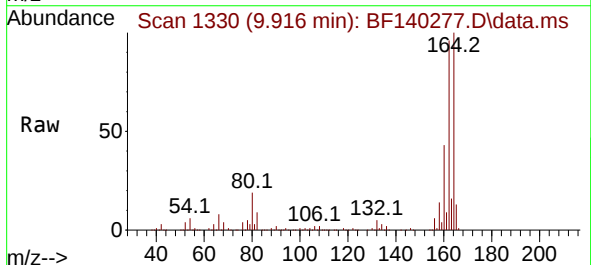
Instrument :
BNA_F
ClientSampleId :
BAYAVE-STOCKPILE

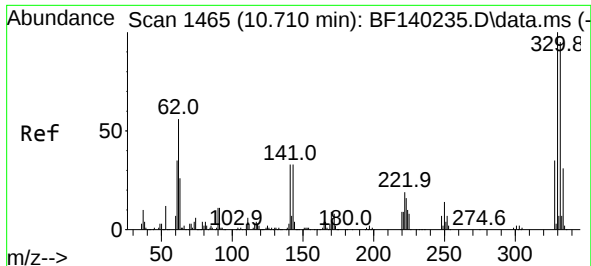
Tgt Ion: 82 Resp: 520494
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF140277.D
Acq: 07 Nov 2024 16:13

Tgt Ion: 164 Resp: 269055
Ion Ratio Lower Upper
164 100
162 96.2 77.0 115.4
160 42.7 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 74.821 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF140277.D

Acq: 07 Nov 2024 16:13

Instrument :

BNA_F

ClientSampleId :

BAYAVE-STOCKPILE

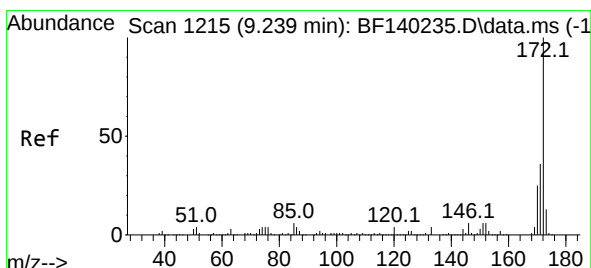
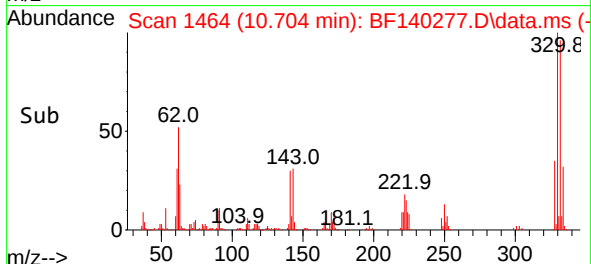
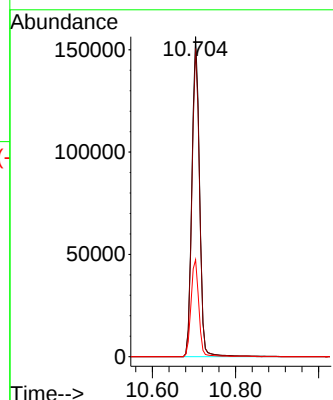
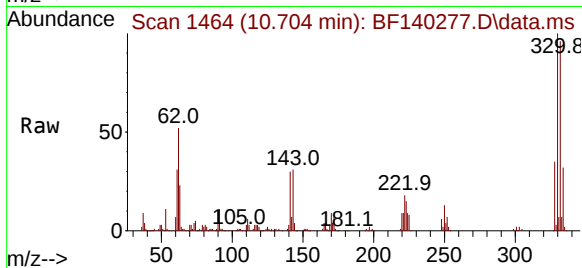
Tgt Ion:330 Resp: 198985

Ion Ratio Lower Upper

330 100

332 96.1 76.4 114.6

141 31.0 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 60.306 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF140277.D

Acq: 07 Nov 2024 16:13

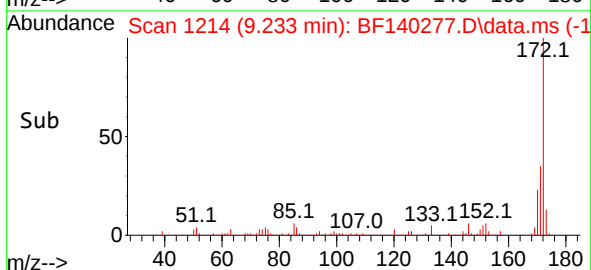
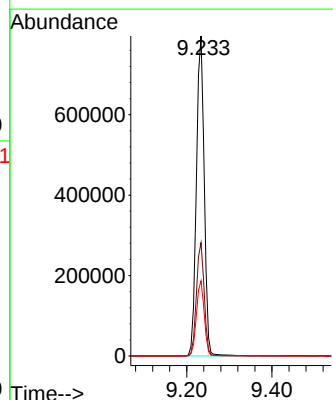
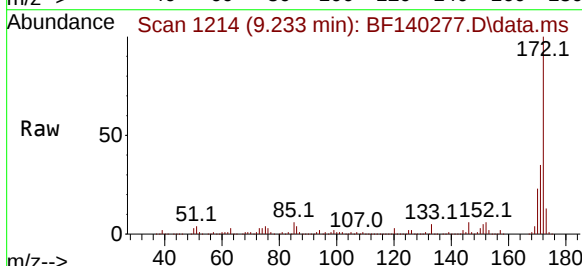
Tgt Ion:172 Resp: 1016131

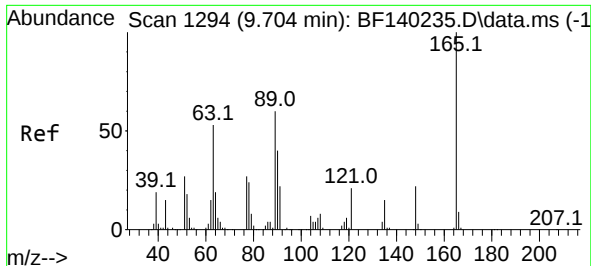
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.5 19.6 29.4

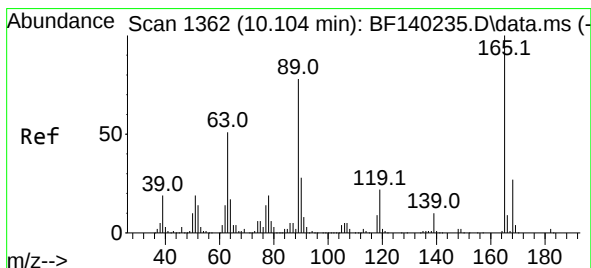
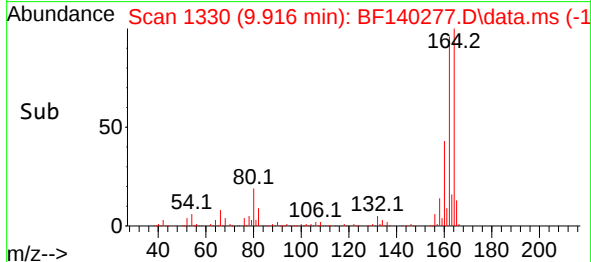
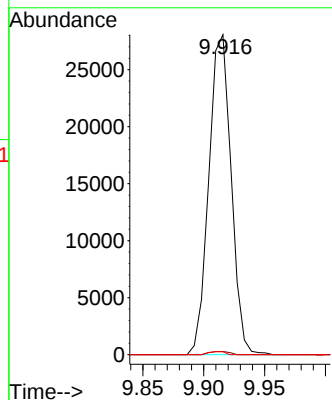
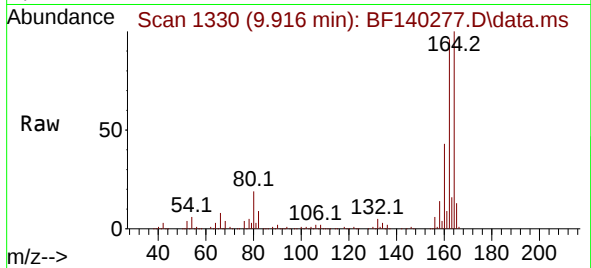




#51
2,6-Dinitrotoluene
Concen: 9.186 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF140277.D
Acq: 07 Nov 2024 16:13

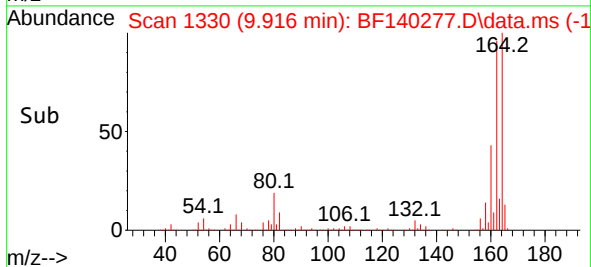
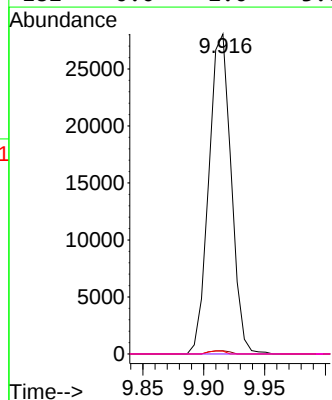
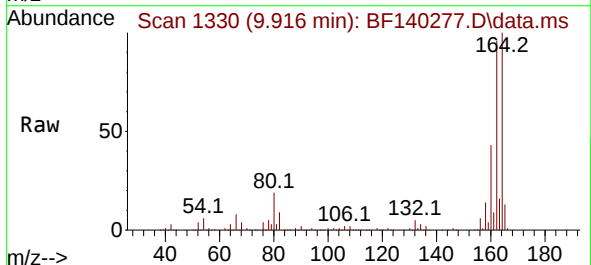
Instrument :
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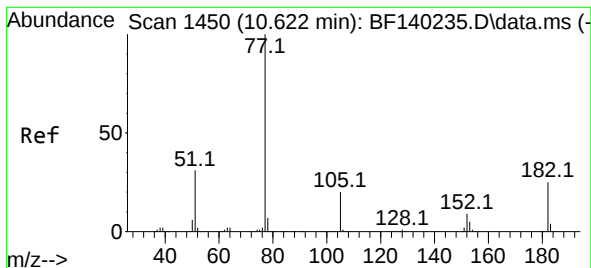
Tgt Ion:165 Resp: 35778
Ion Ratio Lower Upper
165 100
63 1.0 48.8 73.2#
89 0.9 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 7.079 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF140277.D
Acq: 07 Nov 2024 16:13

Tgt Ion:165 Resp: 35778
Ion Ratio Lower Upper
165 100
63 1.0 41.3 61.9#
89 0.9 62.6 94.0#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 2.604 ng

RT: 10.627 min Scan# 1450

Delta R.T. 0.006 min

Lab File: BF140277.D

Acq: 07 Nov 2024 16:13

Instrument :

BNA_F

ClientSampleId :

BAYAVE-STOCKPILE

Tgt Ion: 77 Resp: 44447

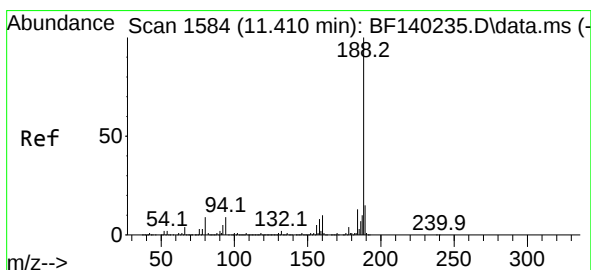
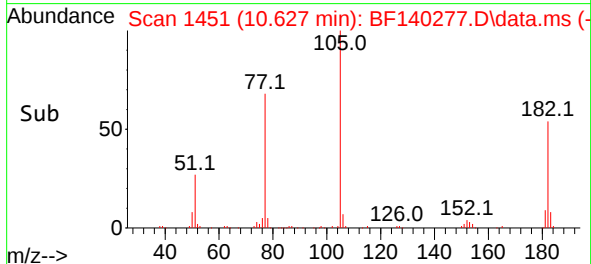
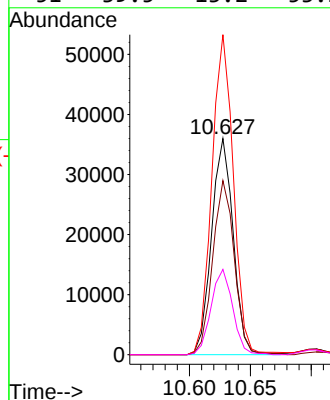
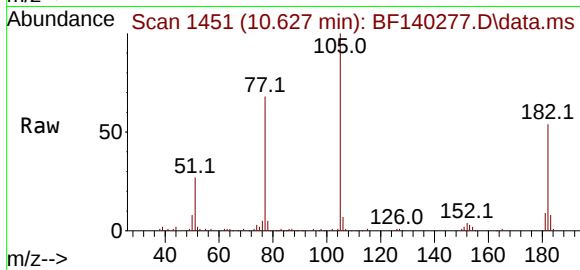
Ion Ratio Lower Upper

77 100

182 80.5 4.7 44.7#

105 148.0 0.0 40.0#

51 39.5 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF140277.D

Acq: 07 Nov 2024 16:13

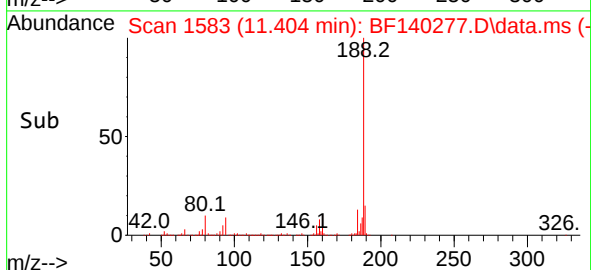
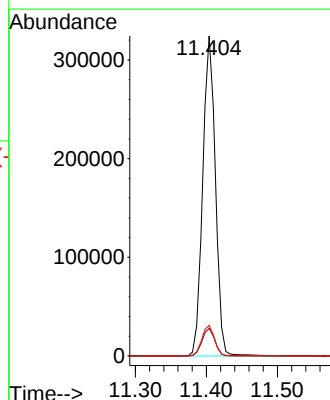
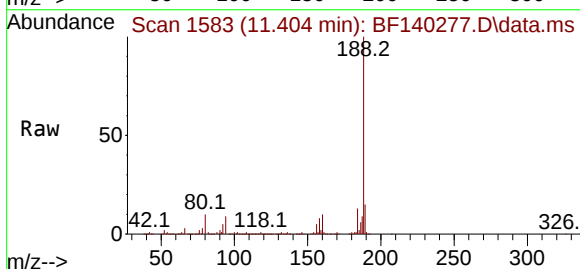
Tgt Ion:188 Resp: 403062

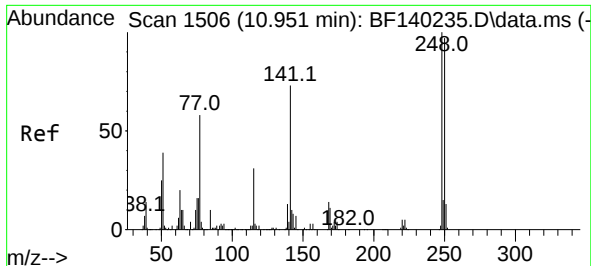
Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

80 9.6 7.5 11.3

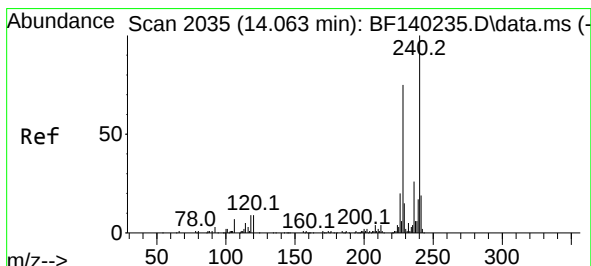
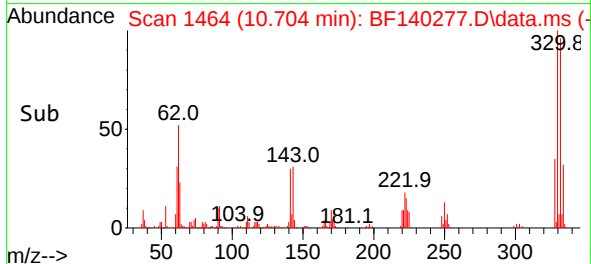
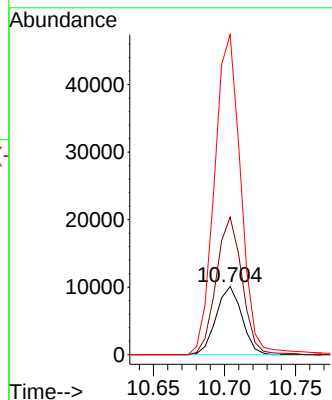
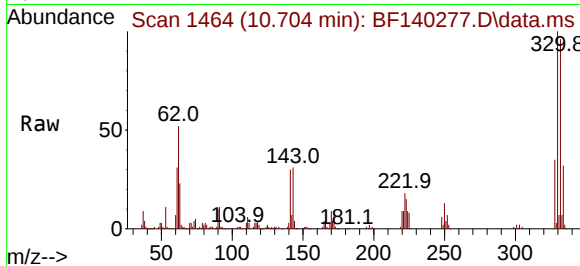




#67
4-Bromophenyl-phenylether
Concen: 2.925 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF140277.D
Acq: 07 Nov 2024 16:13

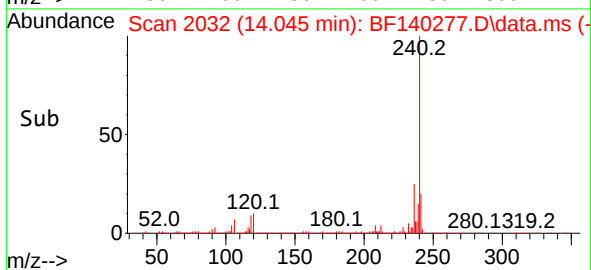
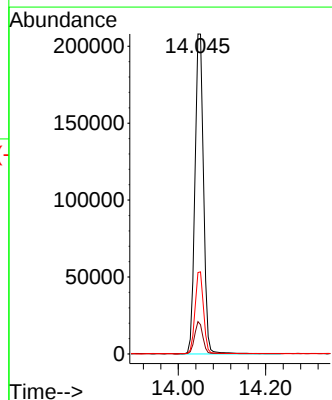
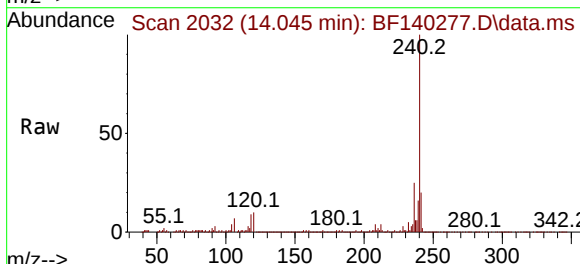
Instrument :
BNA_F
ClientSampleId :
BAYAVE-STOCKPILE

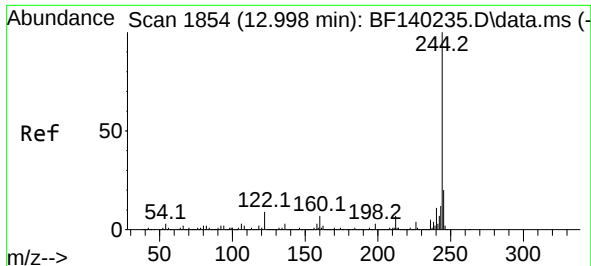
Tgt Ion:248 Resp: 12694
Ion Ratio Lower Upper
248 100
250 201.7 77.9 116.9#
141 469.1 58.6 88.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF140277.D
Acq: 07 Nov 2024 16:13

Tgt Ion:240 Resp: 284803
Ion Ratio Lower Upper
240 100
120 10.1 7.5 11.3
236 25.4 20.9 31.3

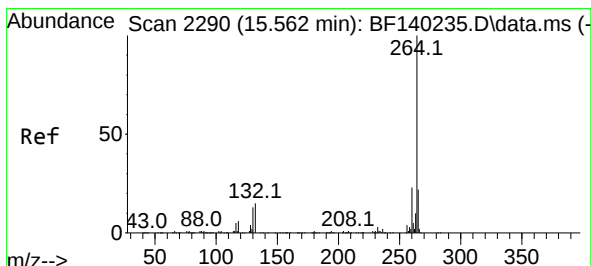
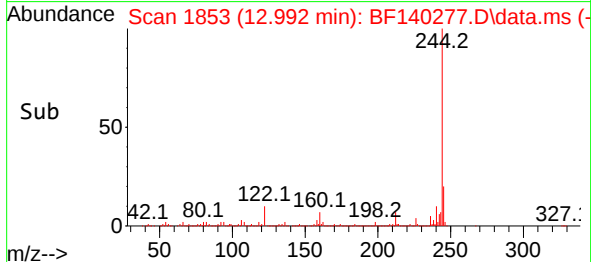
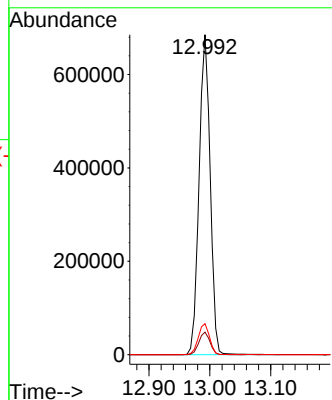
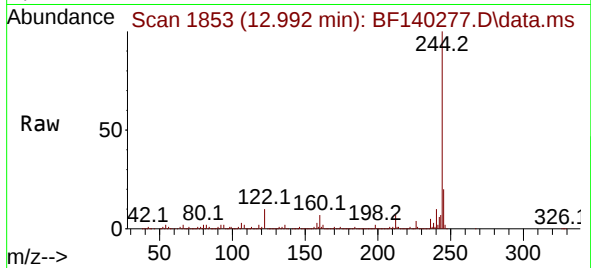




#79
 Terphenyl-d14
 Concen: 49.886 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF140277.D
 Acq: 07 Nov 2024 16:13

Instrument :
 BNA_F
 ClientSampleId :
 BAYAVE-STOCKPILE

Tgt Ion:244 Resp: 867307
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.7 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.029 min
 Lab File: BF140277.D
 Acq: 07 Nov 2024 16:13

Tgt Ion:264 Resp: 243229
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 21.9 17.3 25.9

