

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134692.D
 Acq On : 09 Aug 2023 16:16
 Operator : CG\JU
 Sample : 03941-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DEAN-OILY-STONE

Quant Time: Aug 10 01:40:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

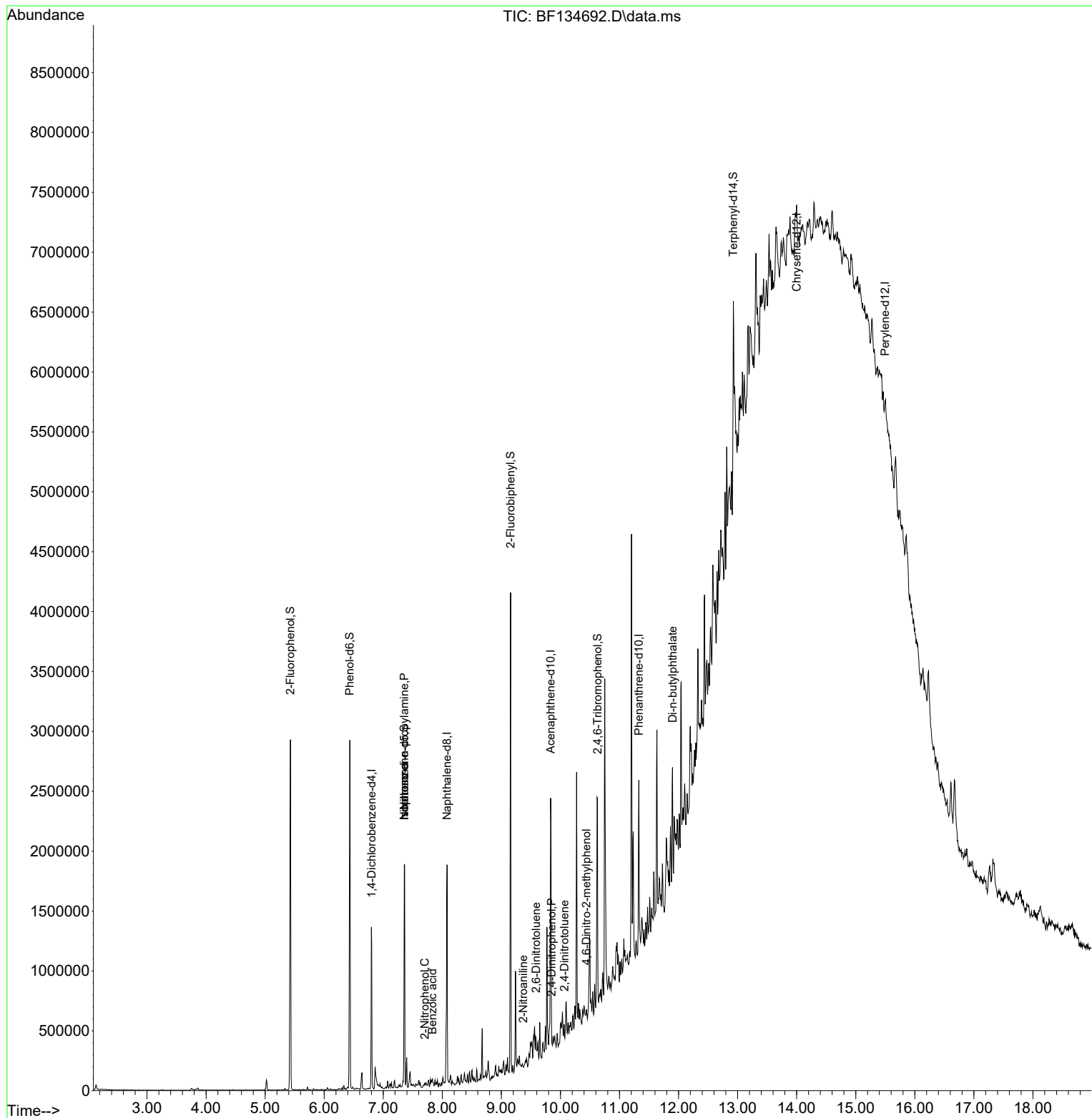
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	189865	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	736120	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	359574	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	542677	20.000	ng	# 0.00
76) Chrysene-d12	13.998	240	207484	20.000	ng	# 0.02
86) Perylene-d12	15.498	264	239130	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	749528	60.009	ng	0.00
7) Phenol-d6	6.434	99	968534	60.661	ng	0.00
23) Nitrobenzene-d5	7.357	82	593091	50.350	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	248146	67.697	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1109096	51.285	ng	0.00
79) Terphenyl-d14	12.927	244	748492	63.595	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.357	77	542	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	78603	8.222	ng	# 73
25) Isophorone	7.357	82	589625	22.950	ng	# 65
26) 2-Nitrophenol	7.704	139	132	4.814	ng	# 1
32) Benzoic acid	7.834	122	265	7.897	ng	# 2
48) 2-Nitroaniline	9.369	65	243	3.201	ng	# 61
51) 2,6-Dinitrotoluene	9.586	165	2490	2.966	ng	# 40
54) 2,4-Dinitrophenol	9.851	184	58	6.819	ng	# 1
57) 2,4-Dinitrotoluene	10.069	165	3042	3.323	ng	# 40
65) 4,6-Dinitro-2-methylph...	10.439	198	192	8.771	ng	# 1
74) Di-n-butylphthalate	11.898	149	364492	13.051	ng	99

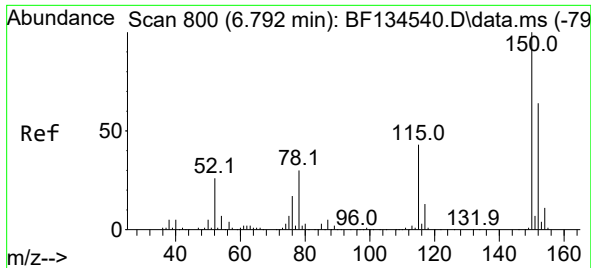
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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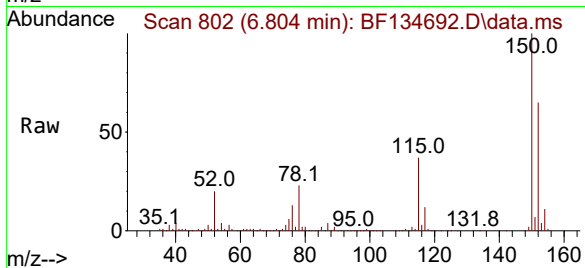
Quant Time: Aug 10 01:40:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
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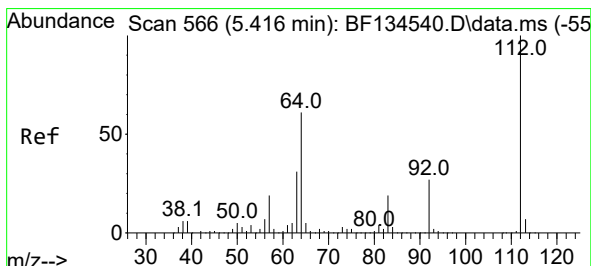
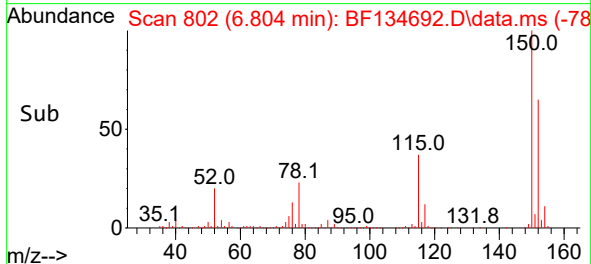
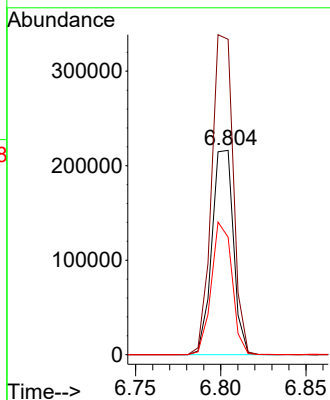


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134692.D
Acq: 09 Aug 2023 16:16

Instrument :
BNA_F
ClientSampleId :
DEAN-OILY-STONE

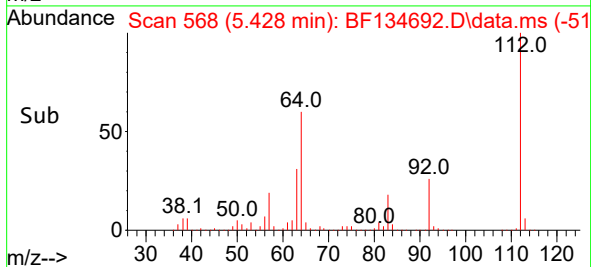
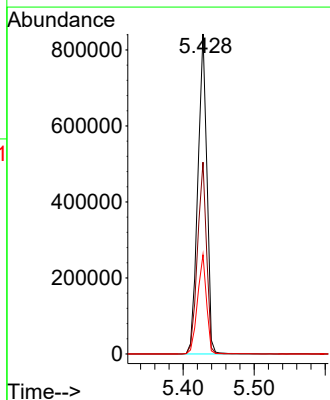
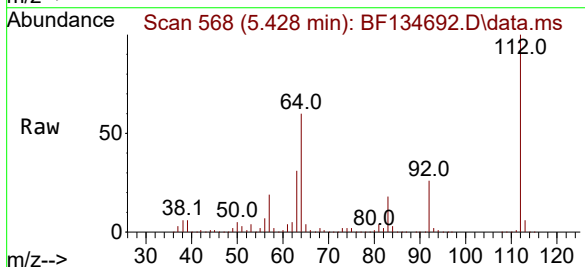


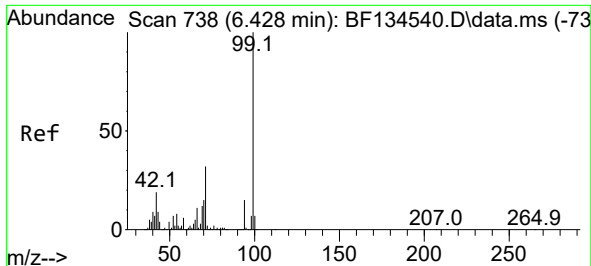
Tgt Ion:152 Resp: 189865
Ion Ratio Lower Upper
152 100
150 154.3 128.3 192.5
115 57.5 52.4 78.6



#5
2-Fluorophenol
Concen: 60.009 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF134692.D
Acq: 09 Aug 2023 16:16

Tgt Ion:112 Resp: 749528
Ion Ratio Lower Upper
112 100
64 59.9 44.9 67.3
63 31.0 25.4 38.0

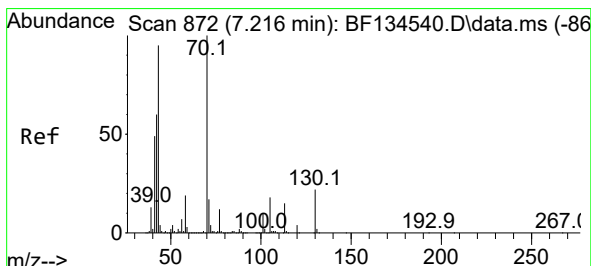
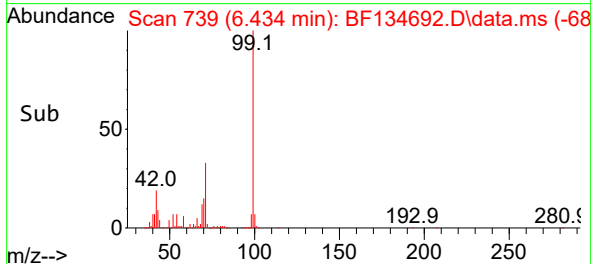
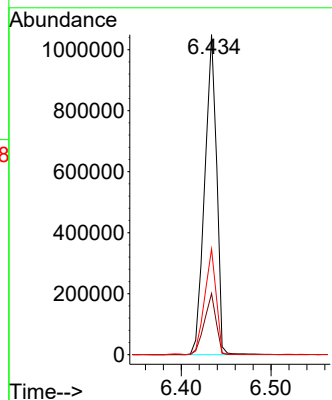
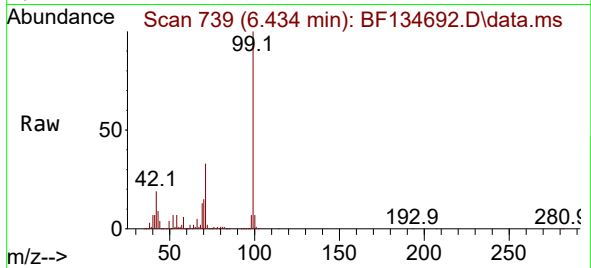




#7
Phenol-d6
Concen: 60.661 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134692.D
Acq: 09 Aug 2023 16:16

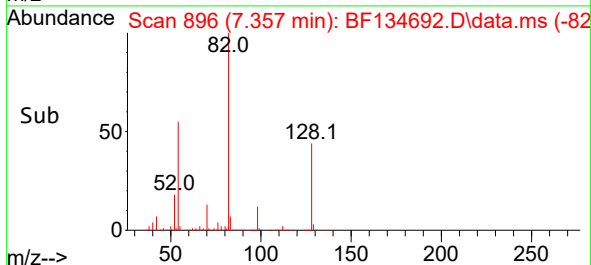
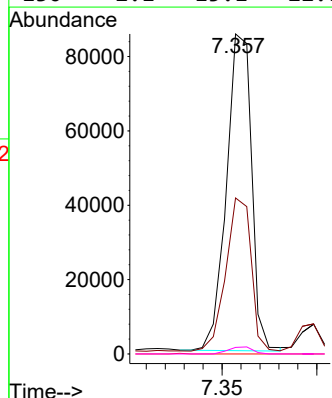
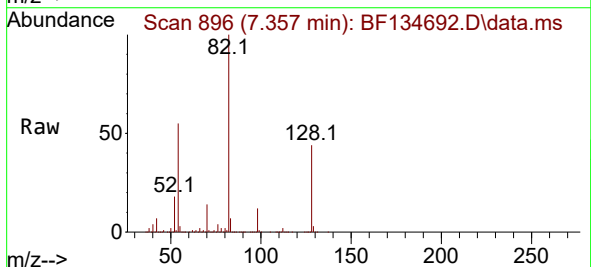
Instrument :
BNA_F
ClientSampleId :
DEAN-OILY-STONE

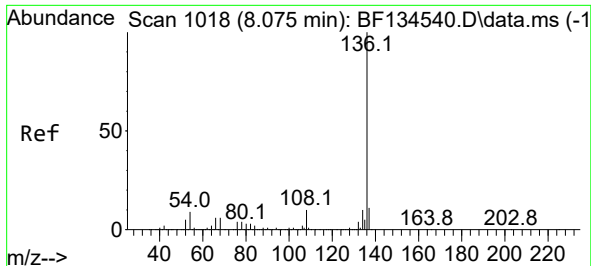
Tgt Ion: 99 Resp: 968534
Ion Ratio Lower Upper
99 100
42 19.1 18.7 28.1
71 33.0 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 8.222 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134692.D
Acq: 09 Aug 2023 16:16

Tgt Ion: 70 Resp: 78603
Ion Ratio Lower Upper
70 100
42 48.8 54.7 82.1#
101 0.0 8.2 12.2#
130 2.1 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF134692.D

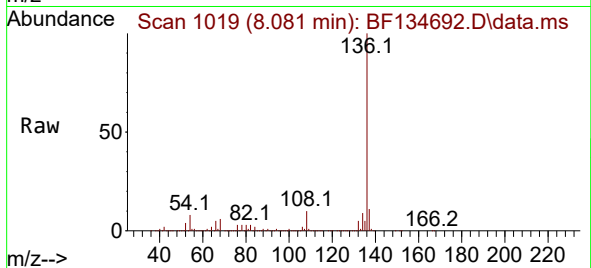
Acq: 09 Aug 2023 16:16

Instrument :

BNA_F

ClientSampleId :

DEAN-OILY-STONE



Tgt Ion:136 Resp: 736120

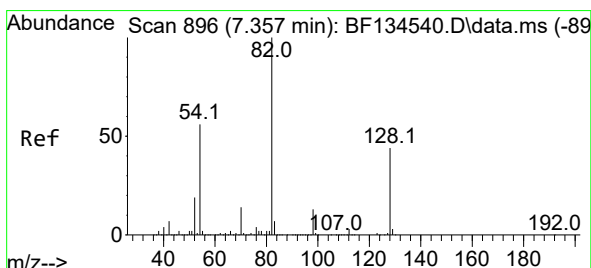
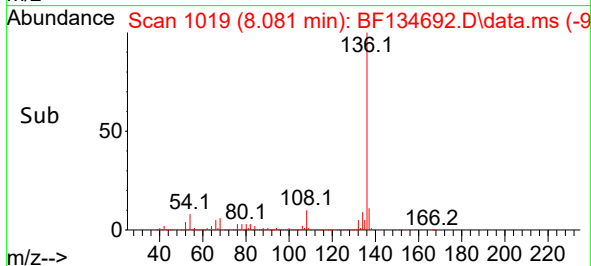
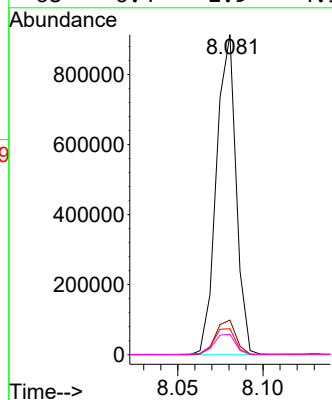
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.1 5.2 7.8#

68 6.4 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 50.350 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134692.D

Acq: 09 Aug 2023 16:16

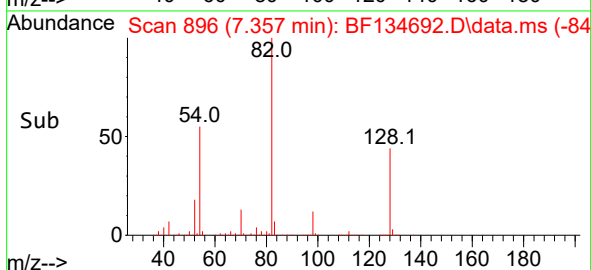
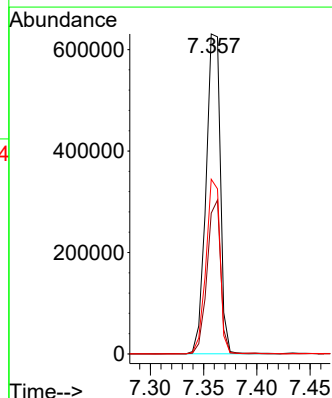
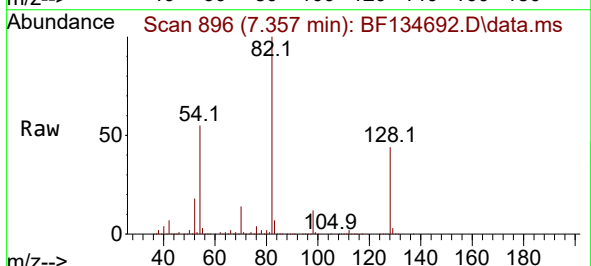
Tgt Ion: 82 Resp: 593091

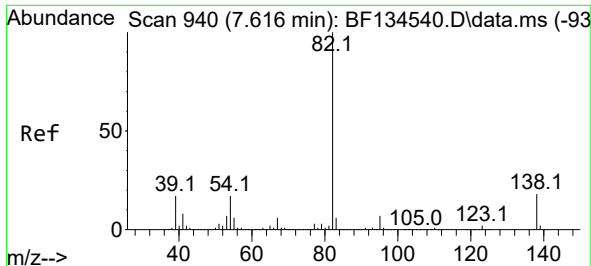
Ion Ratio Lower Upper

82 100

128 44.0 34.3 51.5

54 54.6 43.8 65.6

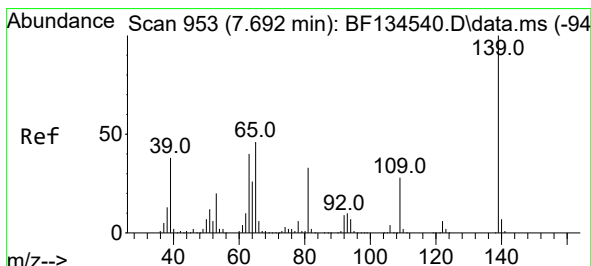
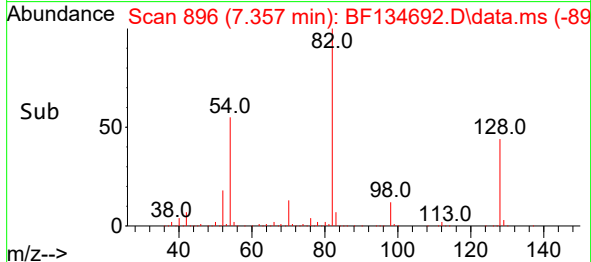
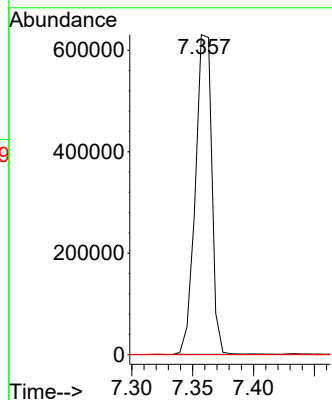
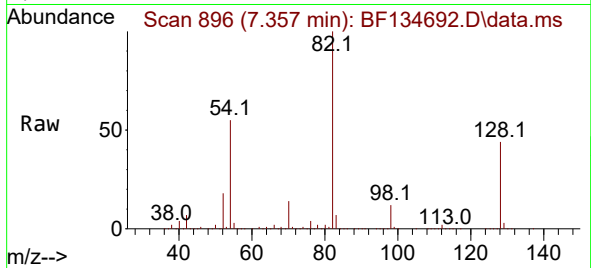




#25
Isophorone
Concen: 22.950 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF134692.D
Acq: 09 Aug 2023 16:16

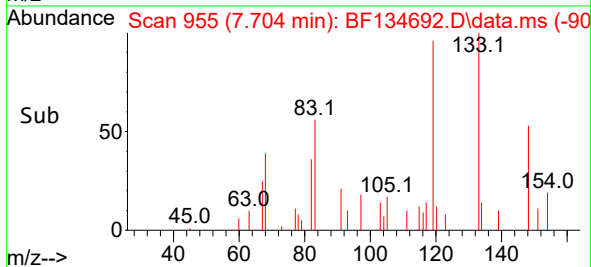
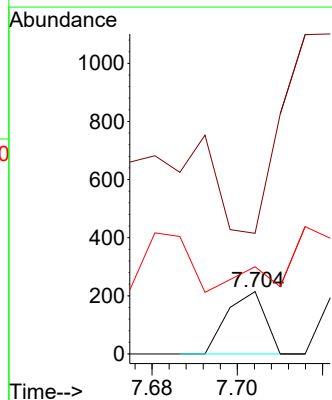
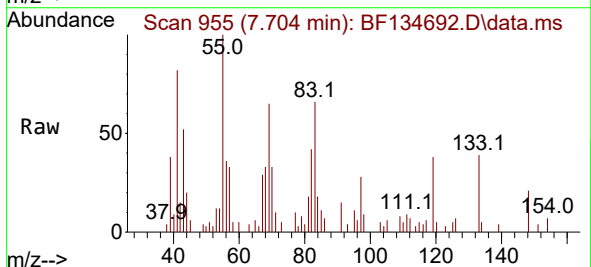
Instrument :
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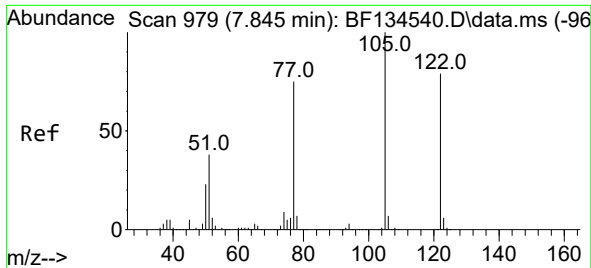
Tgt Ion: 82 Resp: 589625
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 14.6 22.0#



#26
2-Nitrophenol
Concen: 4.814 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF134692.D
Acq: 09 Aug 2023 16:16

Tgt Ion:139 Resp: 132
Ion Ratio Lower Upper
139 100
109 193.0 29.8 44.6#
65 139.5 45.4 68.2#

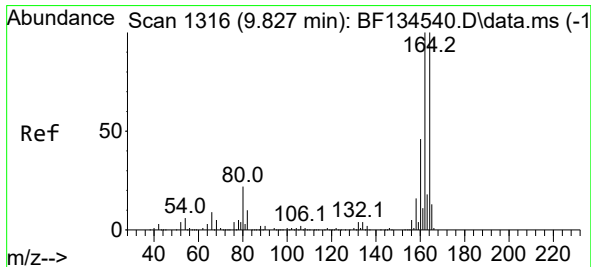
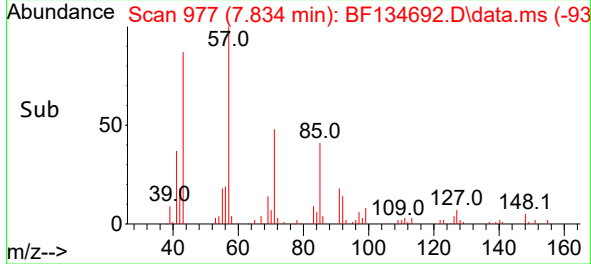
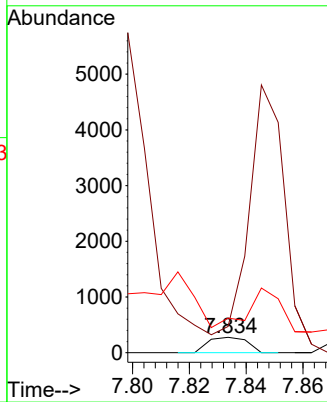
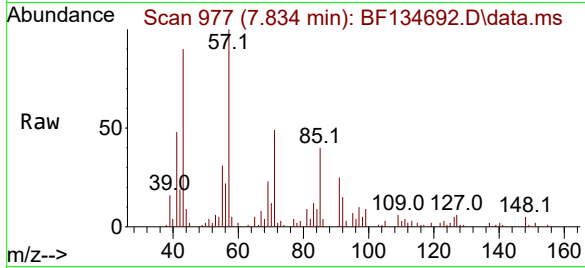




#32
Benzoic acid
Concen: 7.897 ng
RT: 7.834 min Scan# 91
Delta R.T. -0.029 min
Lab File: BF134692.D
Acq: 09 Aug 2023 16:16

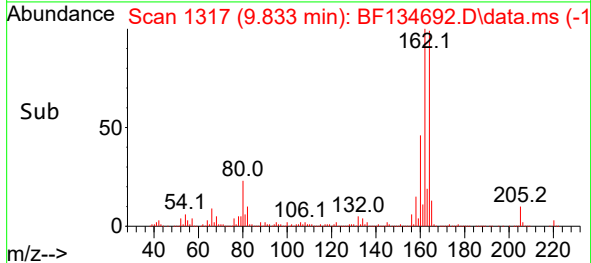
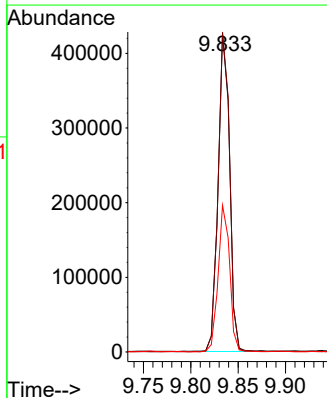
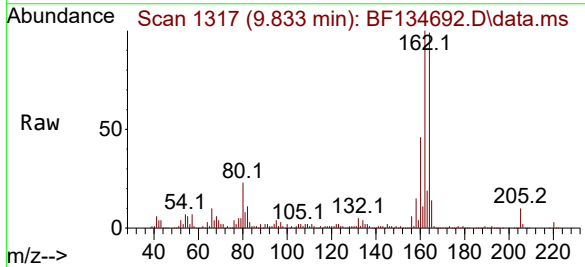
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ClientSampleId :
DEAN-OILY-STONE

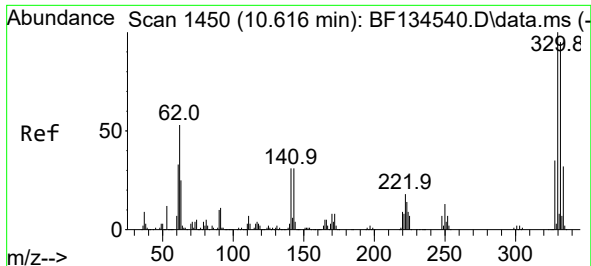
Tgt Ion:122 Resp: 265
Ion Ratio Lower Upper
122 100
105 171.0 87.5 127.5#
77 225.4 71.4 111.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF134692.D
Acq: 09 Aug 2023 16:16

Tgt Ion:164 Resp: 359574
Ion Ratio Lower Upper
164 100
162 100.6 82.6 123.8
160 46.1 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 67.697 ng

RT: 10.628 min Scan# 1452

Delta R.T. 0.000 min

Lab File: BF134692.D

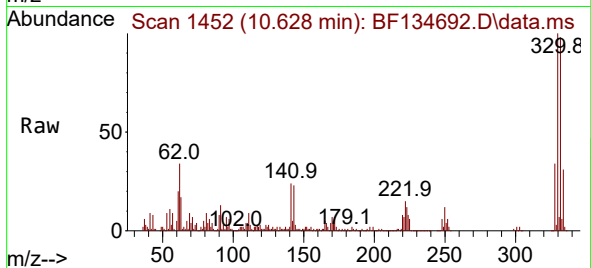
Acq: 09 Aug 2023 16:16

Instrument :

BNA_F

ClientSampleId :

DEAN-OILY-STONE



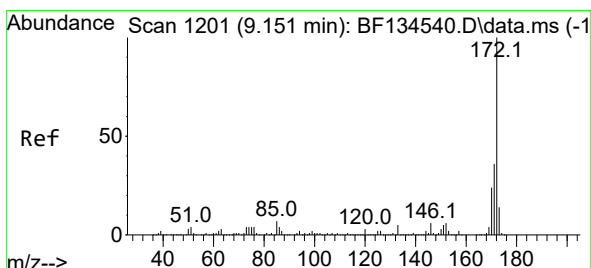
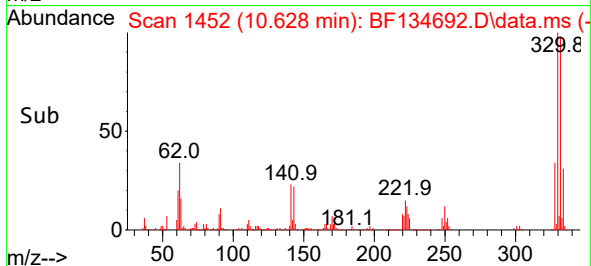
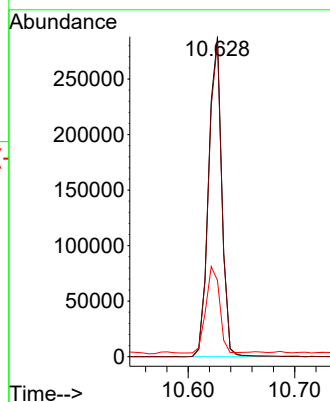
Tgt Ion:330 Resp: 248146

Ion Ratio Lower Upper

330 100

332 98.2 78.8 118.2

141 27.9 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 51.285 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF134692.D

Acq: 09 Aug 2023 16:16

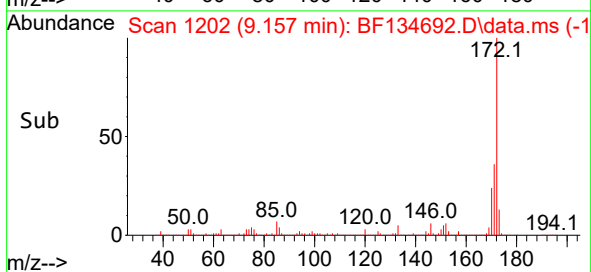
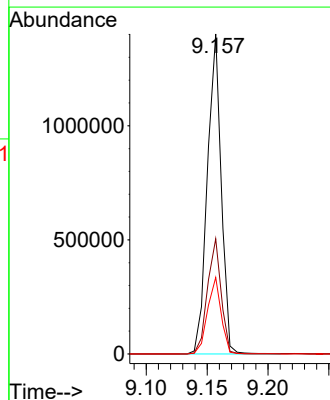
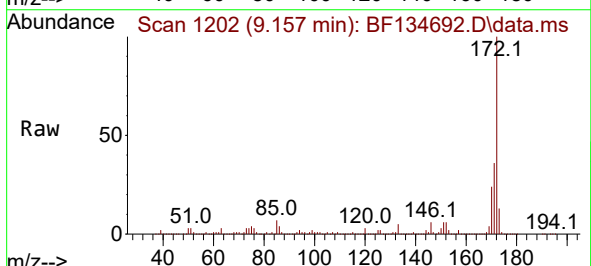
Tgt Ion:172 Resp: 1109096

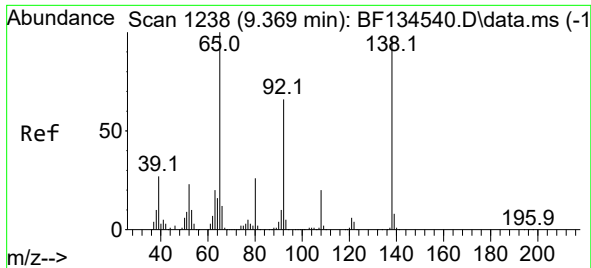
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.9 18.7 28.1

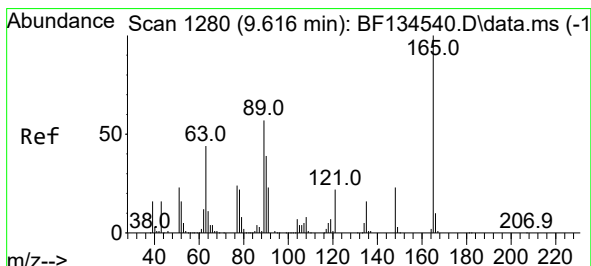
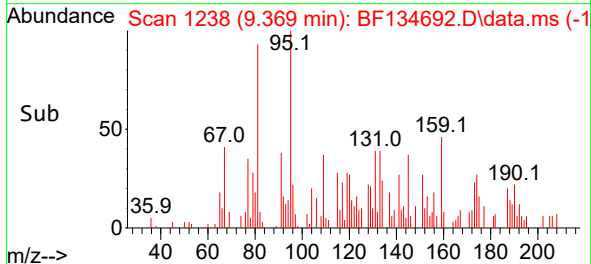
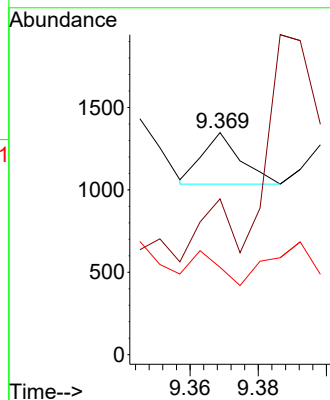
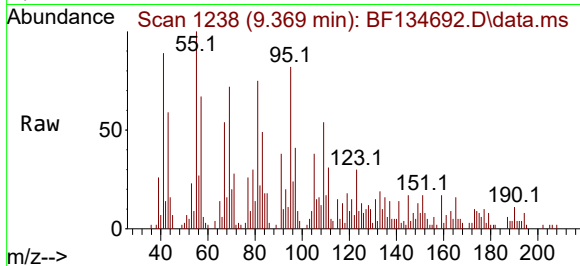




#48
2-Nitroaniline
Concen: 3.201 ng
RT: 9.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134692.D
Acq: 09 Aug 2023 16:16

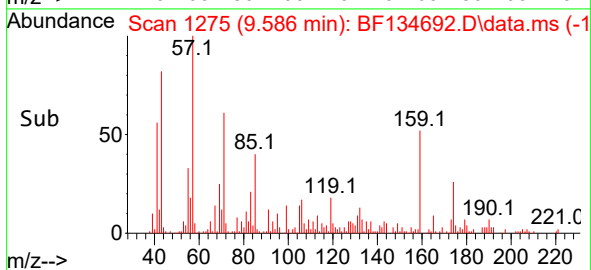
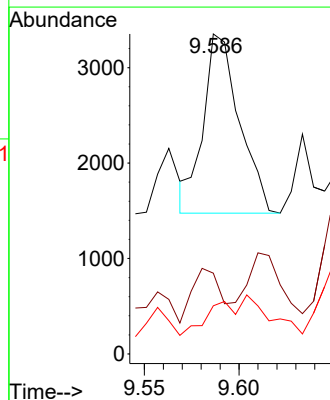
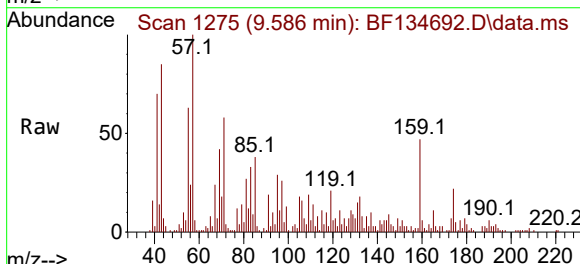
Instrument :
BNA_F
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DEAN-OILY-STONE

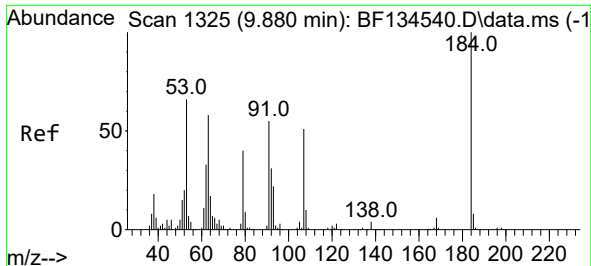
Tgt Ion: 65 Resp: 243
Ion Ratio Lower Upper
65 100
92 70.2 50.7 76.1
138 39.3 78.2 117.4#



#51
2,6-Dinitrotoluene
Concen: 2.966 ng
RT: 9.586 min Scan# 1275
Delta R.T. -0.041 min
Lab File: BF134692.D
Acq: 09 Aug 2023 16:16

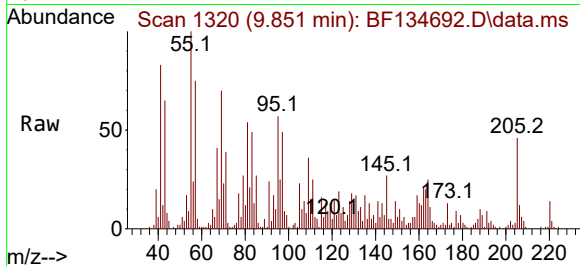
Tgt Ion:165 Resp: 2490
Ion Ratio Lower Upper
165 100
63 25.3 57.8 86.6#
89 15.1 51.8 77.8#



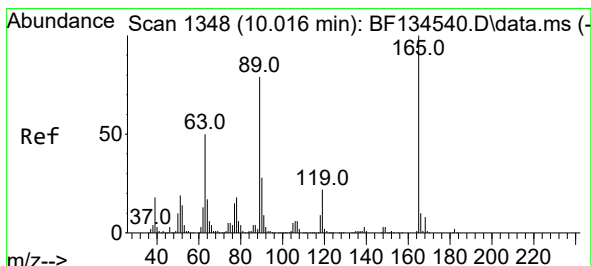
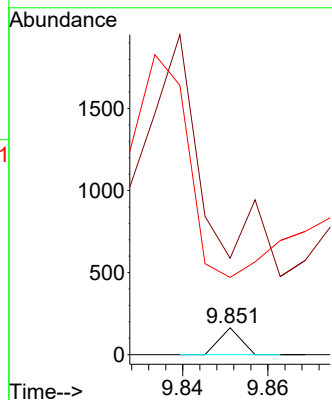
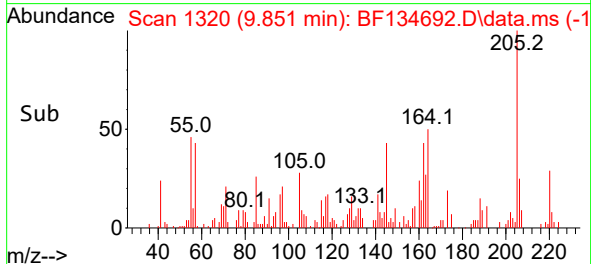


#54
2,4-Dinitrophenol
Concen: 6.819 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.047 min
Lab File: BF134692.D
Acq: 09 Aug 2023 16:16

Instrument :
BNA_F
ClientSampleId :
DEAN-OILY-STONE

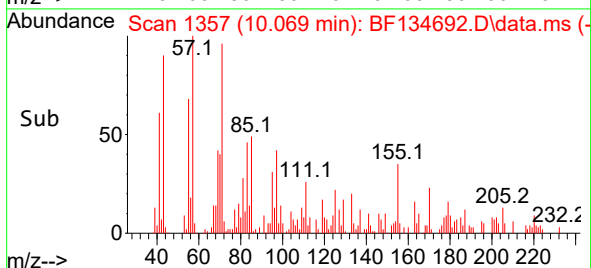
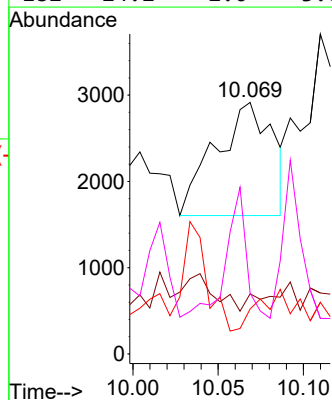
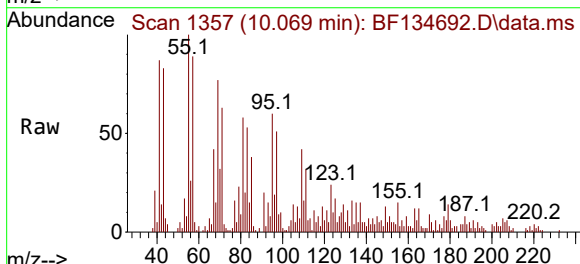


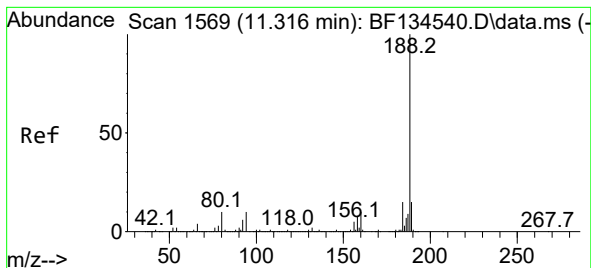
Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 360.7 57.1 85.7#
154 289.0 59.1 88.7#



#57
2,4-Dinitrotoluene
Concen: 3.323 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.041 min
Lab File: BF134692.D
Acq: 09 Aug 2023 16:16

Tgt Ion:165 Resp: 3042
Ion Ratio Lower Upper
165 100
63 23.9 48.9 73.3#
89 17.9 61.7 92.5#
182 24.2 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134692.D

Acq: 09 Aug 2023 16:16

Instrument :

BNA_F

ClientSampleId :

DEAN-OILY-STONE

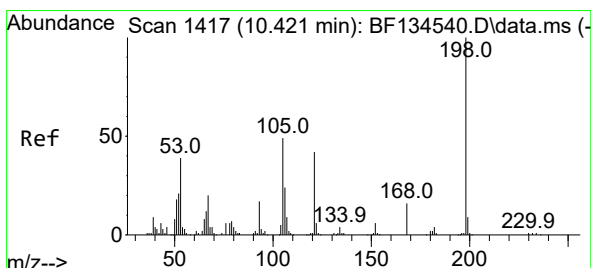
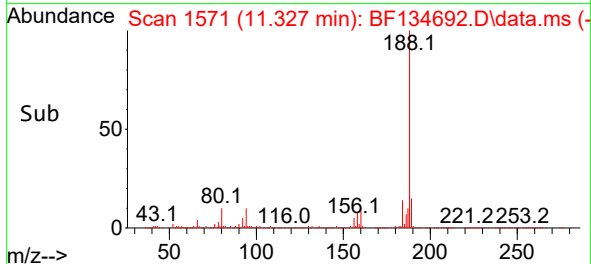
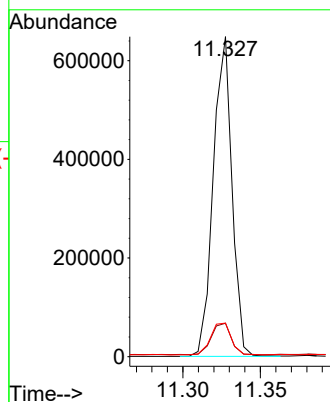
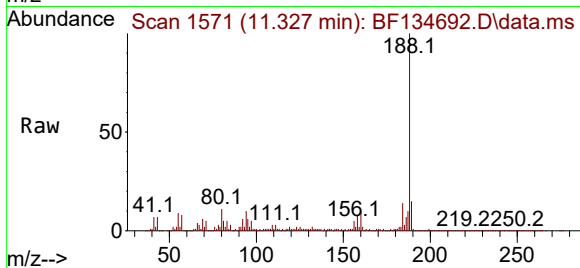
Tgt Ion:188 Resp: 542677

Ion Ratio Lower Upper

188 100

94 10.4 5.1 7.7#

80 10.5 6.6 9.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 8.771 ng

RT: 10.439 min Scan# 1420

Delta R.T. 0.000 min

Lab File: BF134692.D

Acq: 09 Aug 2023 16:16

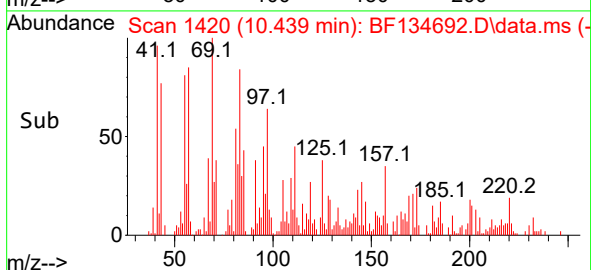
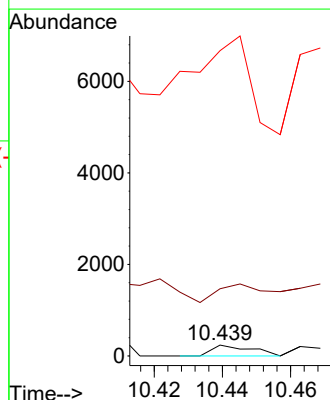
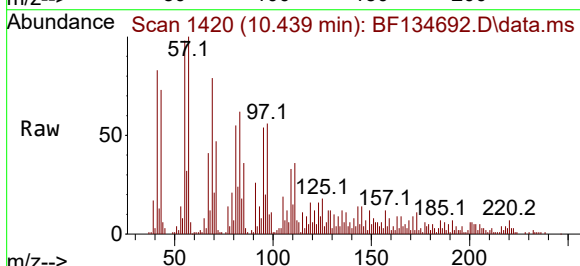
Tgt Ion:198 Resp: 192

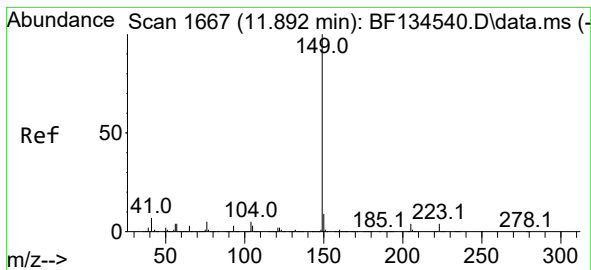
Ion Ratio Lower Upper

198 100

51 614.6 38.6 78.6#

105 2790.4 27.9 67.9#





#74

Di-n-butylphthalate

Concen: 13.051 ng

RT: 11.898 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134692.D

Acq: 09 Aug 2023 16:16

Instrument :

BNA_F

ClientSampleId :

DEAN-OILY-STONE

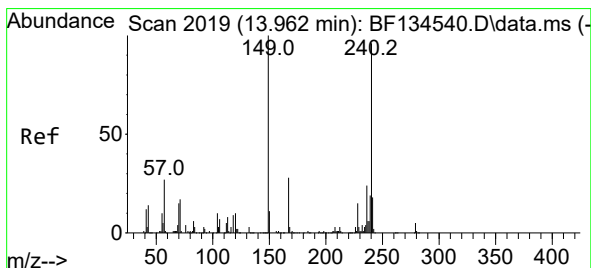
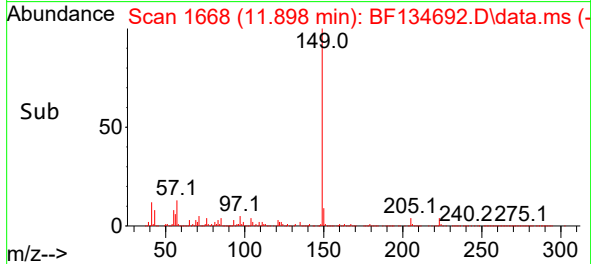
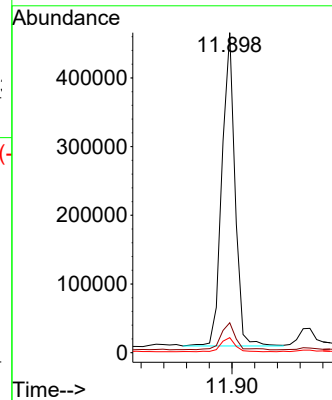
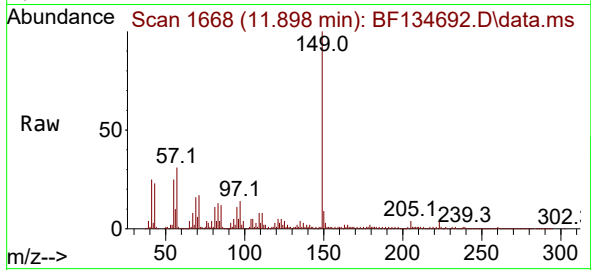
Tgt Ion:149 Resp: 364492

Ion Ratio Lower Upper

149 100

150 9.4 7.2 10.8

104 4.7 3.8 5.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.024 min

Lab File: BF134692.D

Acq: 09 Aug 2023 16:16

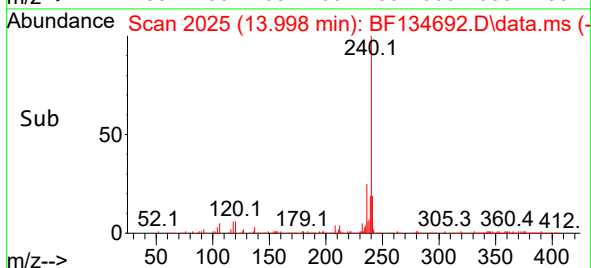
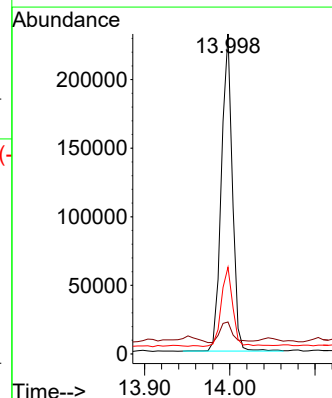
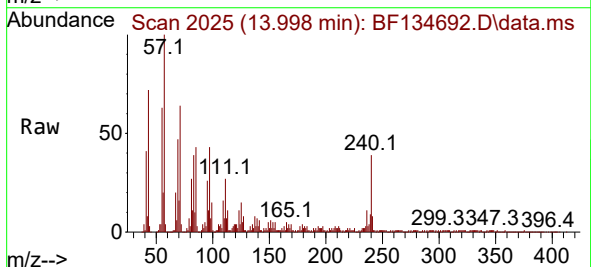
Tgt Ion:240 Resp: 207484

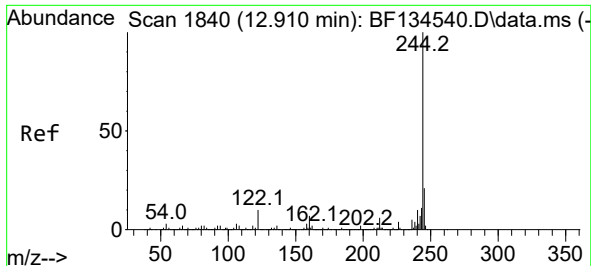
Ion Ratio Lower Upper

240 100

120 10.0 6.6 10.0#

236 27.1 20.2 30.2

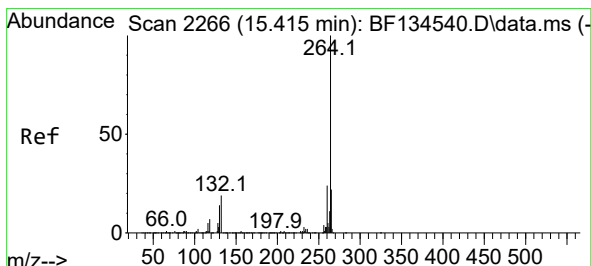
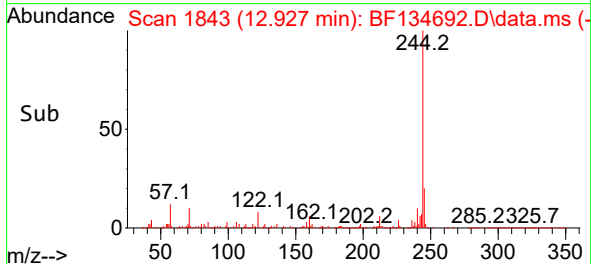
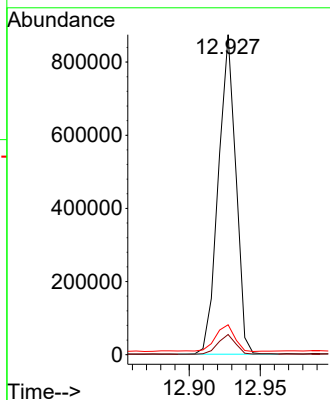
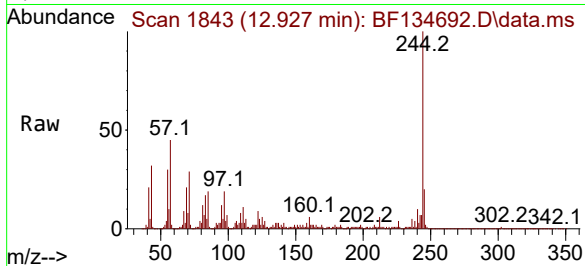




#79
 Terphenyl-d14
 Concen: 63.595 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF134692.D
 Acq: 09 Aug 2023 16:16

Instrument :
 BNA_F
 ClientSampleId :
 DEAN-OILY-STONE

Tgt Ion:244 Resp: 748492
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 9.4 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. 0.059 min
 Lab File: BF134692.D
 Acq: 09 Aug 2023 16:16

Tgt Ion:264 Resp: 239130
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 22.9 15.8 23.8

