

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135844.D
 Acq On : 18 Oct 2023 13:32
 Operator : CG\JU
 Sample : 04858-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Oct 18 19:28:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

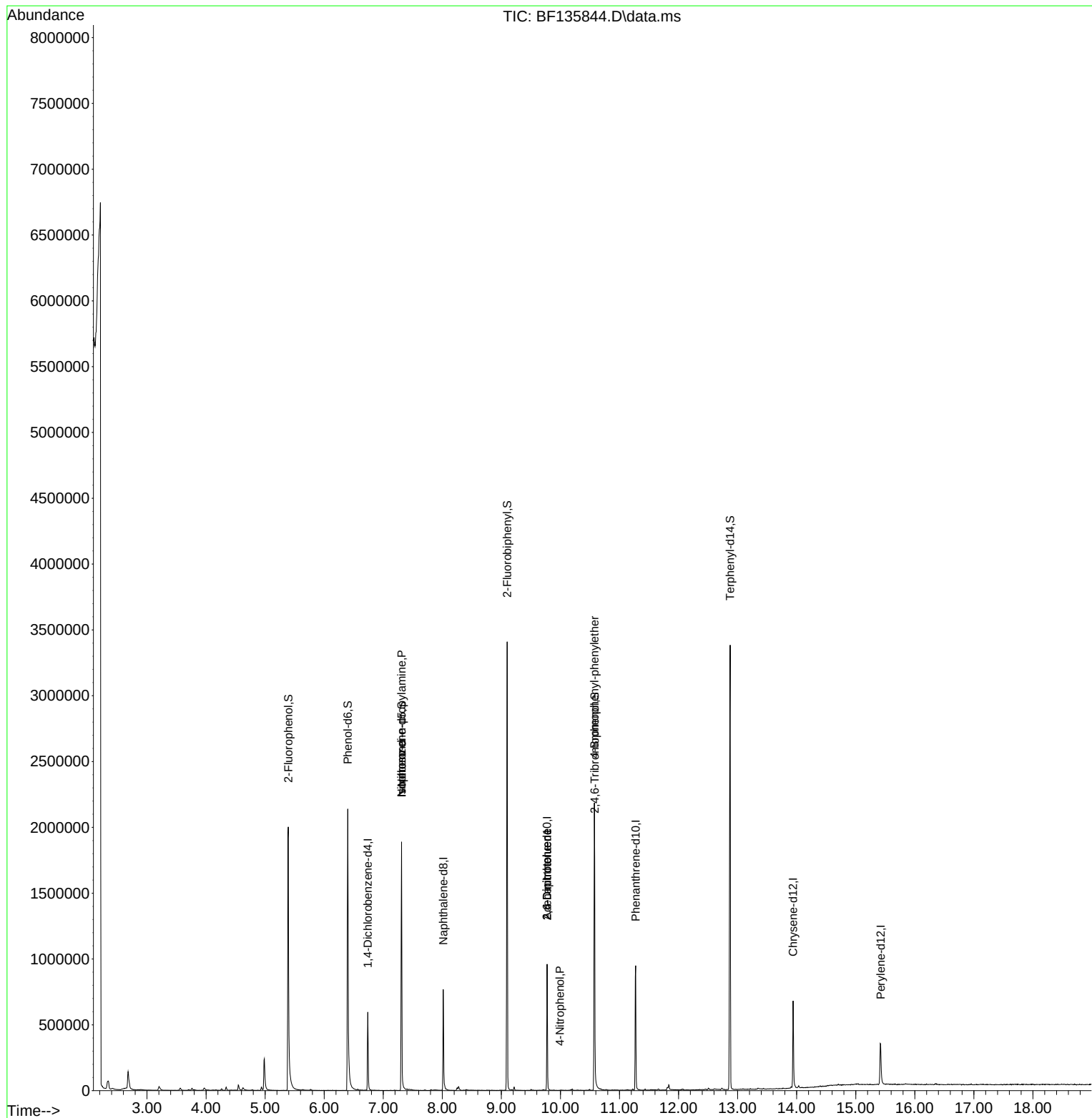
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	84418	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	322494	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	176966	20.000	ng	-0.01
64) Phenanthrene-d10	11.274	188	375199	20.000	ng	0.00
76) Chrysene-d12	13.939	240	224058	20.000	ng	-0.01
86) Perylene-d12	15.421	264	180654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	663791	126.420	ng	0.02
7) Phenol-d6	6.398	99	771683	117.789	ng	0.00
23) Nitrobenzene-d5	7.310	82	564413	96.257	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	287206	169.131	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1016296	89.791	ng	0.00
79) Terphenyl-d14	12.874	244	1253575	103.612	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.310	70	74854	18.479	ng	# 75
25) Isophorone	7.310	82	564413	51.022	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	22036	8.578	ng	# 16
56) 4-Nitrophenol	9.992	139	121	5.570	ng	# 5
57) 2,4-Dinitrotoluene	9.775	165	22036	6.742	ng	# 23
67) 4-Bromophenyl-phenylether	10.575	248	17507	4.648	ng	# 1

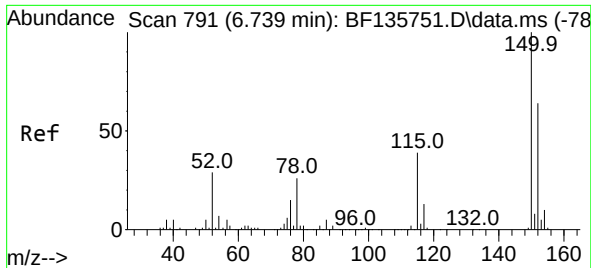
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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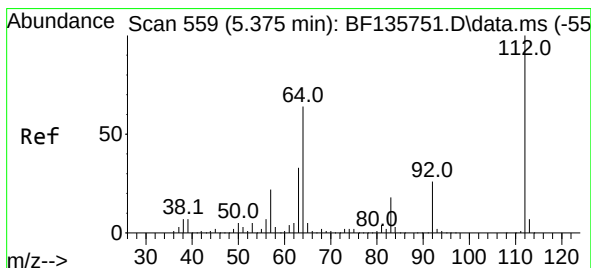
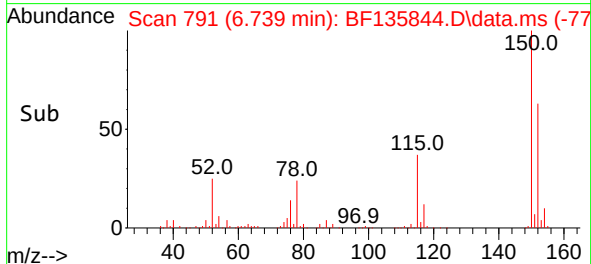
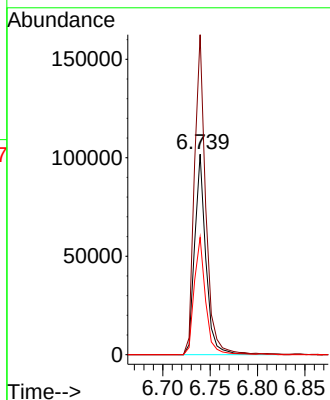
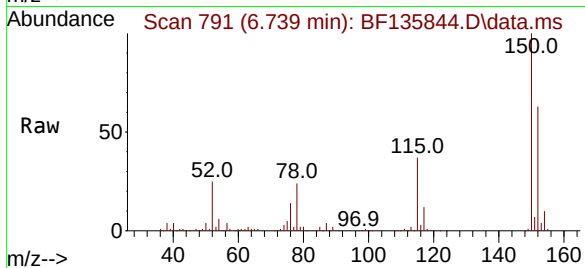




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 791
 Delta R.T. -0.007 min
 Lab File: BF135844.D
 Acq: 18 Oct 2023 13:32

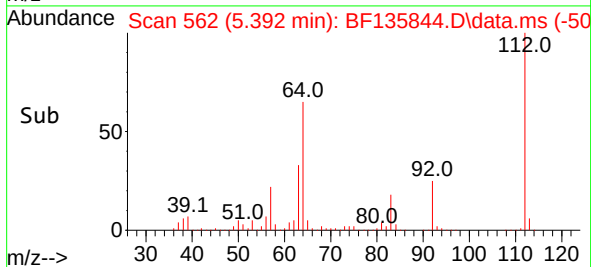
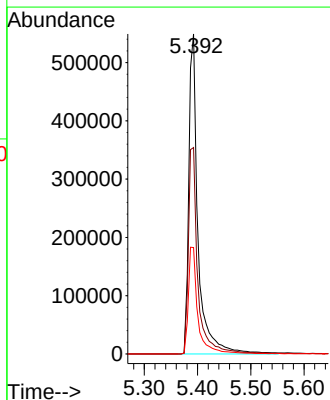
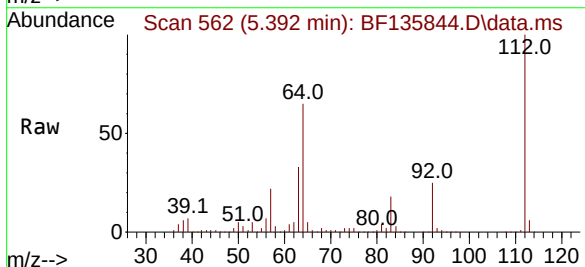
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

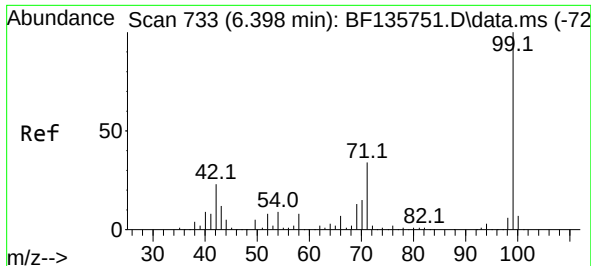
Tgt Ion:152 Resp: 84418
 Ion Ratio Lower Upper
 152 100
 150 159.6 124.5 186.7
 115 58.5 49.0 73.4



#5
 2-Fluorophenol
 Concen: 126.420 ng
 RT: 5.392 min Scan# 562
 Delta R.T. 0.017 min
 Lab File: BF135844.D
 Acq: 18 Oct 2023 13:32

Tgt Ion:112 Resp: 663791
 Ion Ratio Lower Upper
 112 100
 64 64.5 51.2 76.8
 63 33.3 26.1 39.1

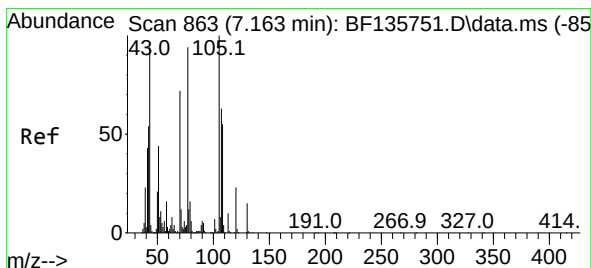
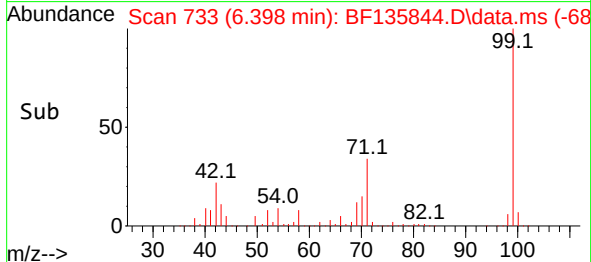
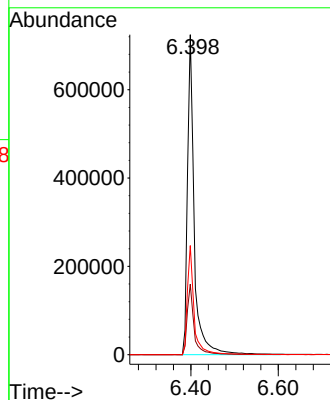
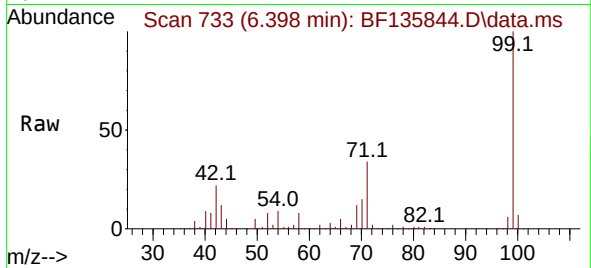




#7
Phenol-d6
Concen: 117.789 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135844.D
Acq: 18 Oct 2023 13:32

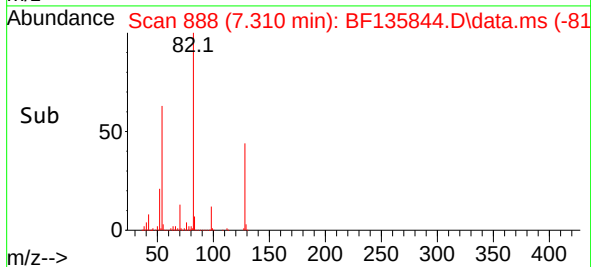
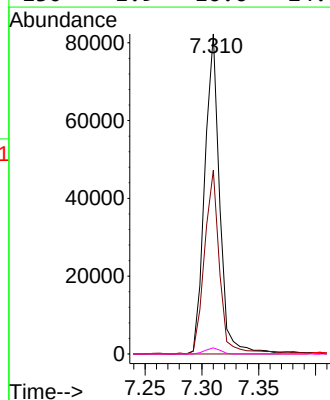
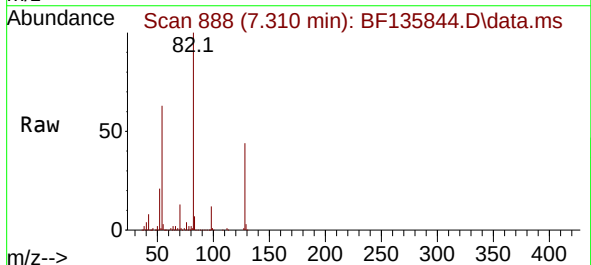
Instrument :
BNA_F
ClientSampleId :
WC-1

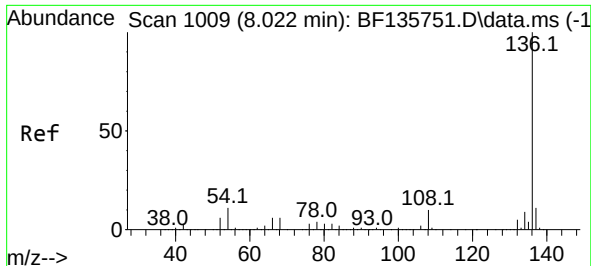
Tgt Ion: 99 Resp: 771683
Ion Ratio Lower Upper
99 100
42 22.1 18.4 27.6
71 34.1 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.479 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135844.D
Acq: 18 Oct 2023 13:32

Tgt Ion: 70 Resp: 74854
Ion Ratio Lower Upper
70 100
42 57.4 59.8 89.6#
101 0.0 7.4 11.2#
130 1.9 16.6 24.8#



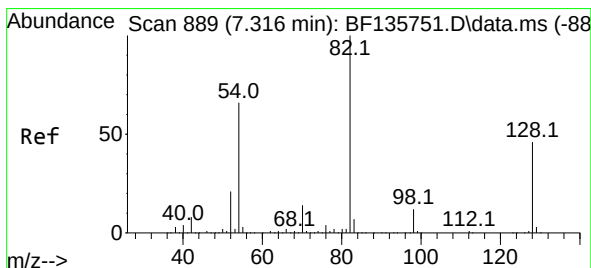
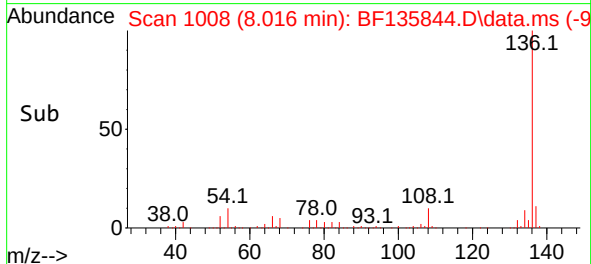
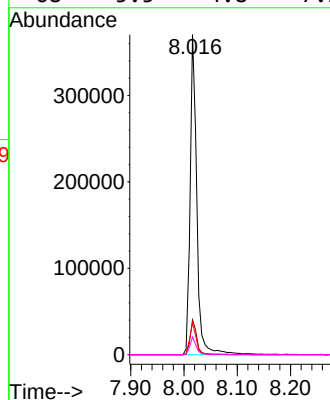
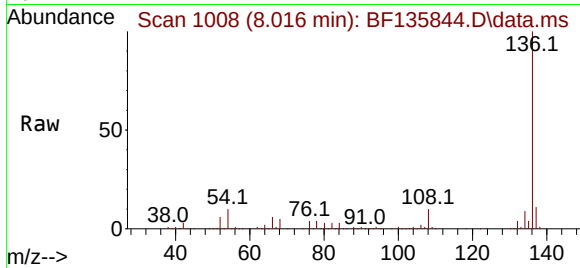


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135844.D
Acq: 18 Oct 2023 13:32

Instrument :
BNA_F
ClientSampleId :
WC-1

Tgt Ion:136 Resp: 322494

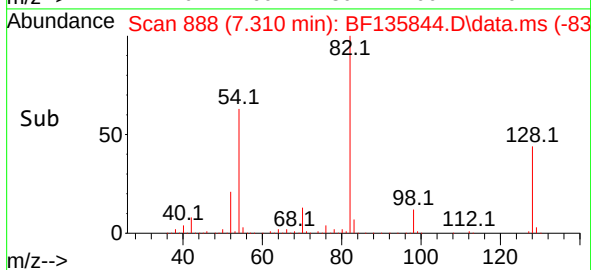
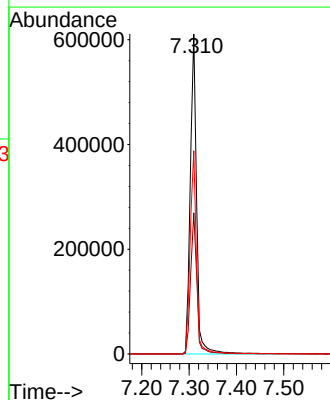
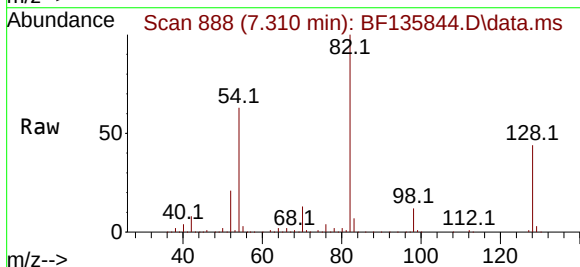
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.0	8.5	12.7
68	5.5	4.8	7.2

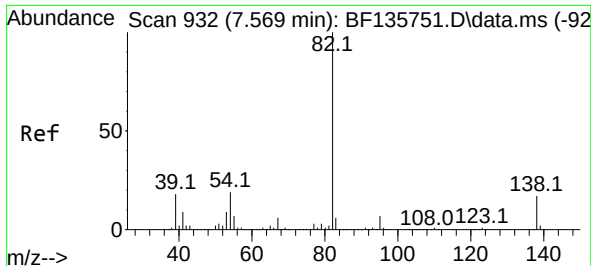


#23
Nitrobenzene-d5
Concen: 96.257 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135844.D
Acq: 18 Oct 2023 13:32

Tgt Ion: 82 Resp: 564413

Ion	Ratio	Lower	Upper
82	100		
128	44.1	37.0	55.6
54	63.5	52.8	79.2

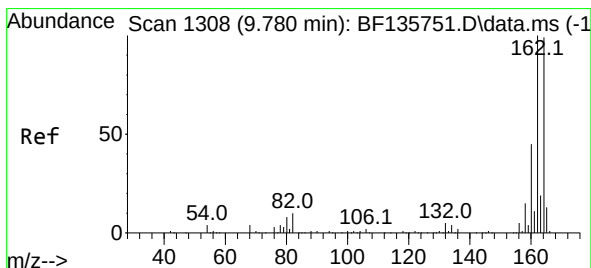
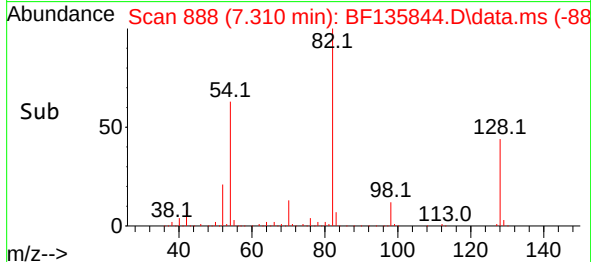
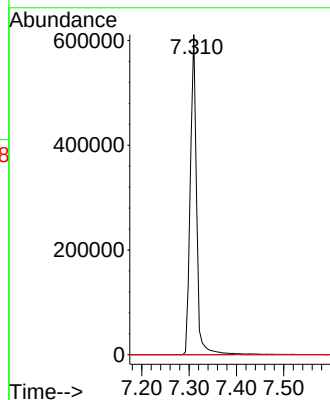
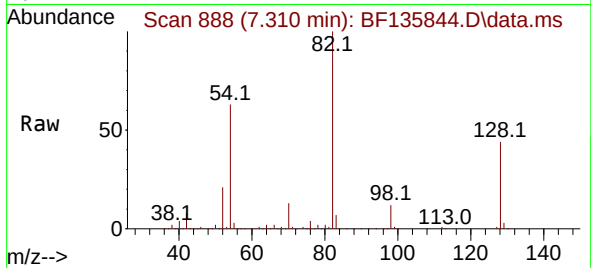




#25
Isophorone
Concen: 51.022 ng
RT: 7.310 min Scan# 88
Delta R.T. -0.259 min
Lab File: BF135844.D
Acq: 18 Oct 2023 13:32

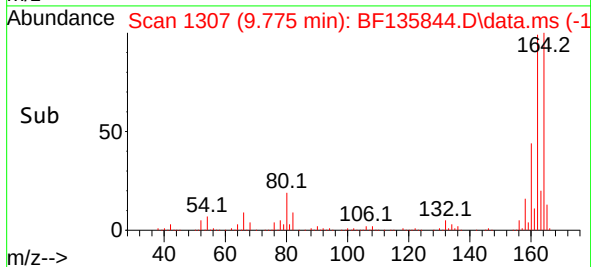
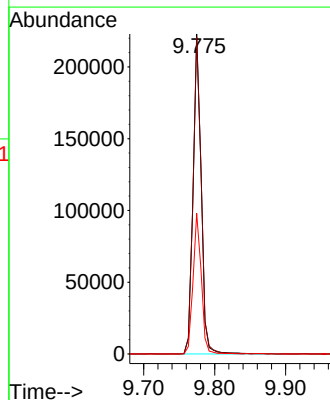
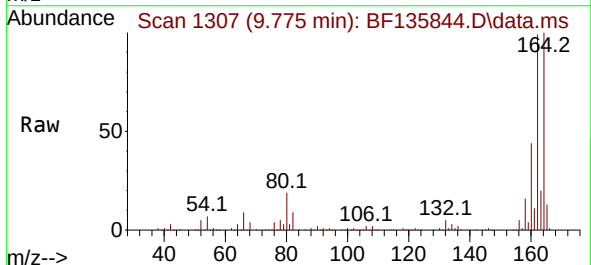
Instrument :
BNA_F
ClientSampleId :
WC-1

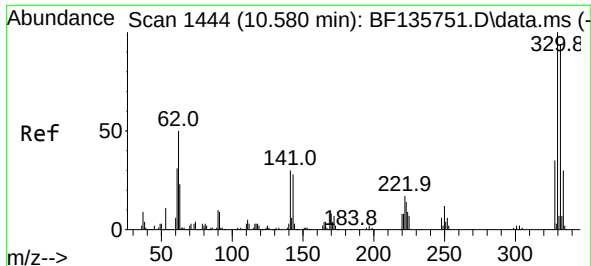
Tgt Ion: 82 Resp: 564413
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135844.D
Acq: 18 Oct 2023 13:32

Tgt Ion: 164 Resp: 176966
Ion Ratio Lower Upper
164 100
162 99.0 80.8 121.2
160 43.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 169.131 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135844.D

Acq: 18 Oct 2023 13:32

Instrument :

BNA_F

ClientSampleId :

WC-1

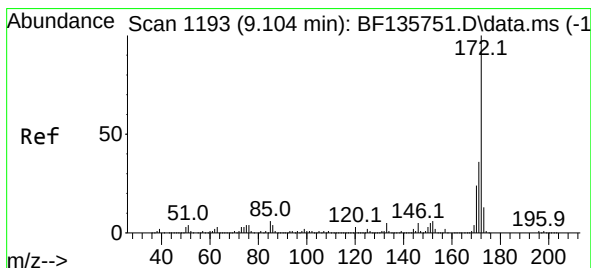
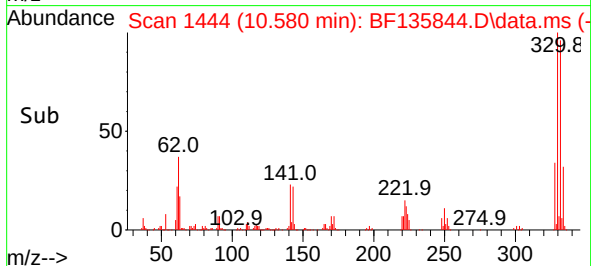
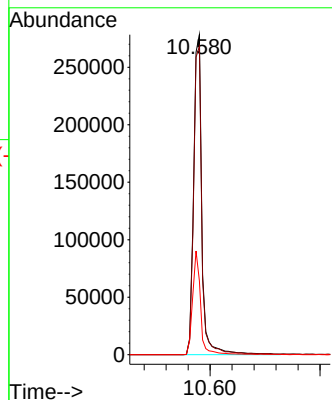
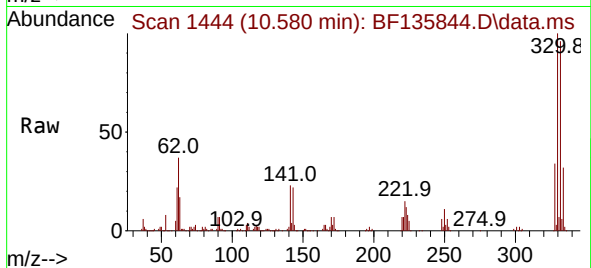
Tgt Ion:330 Resp: 287206

Ion Ratio Lower Upper

330 100

332 95.7 75.0 112.4

141 31.3 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 89.791 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135844.D

Acq: 18 Oct 2023 13:32

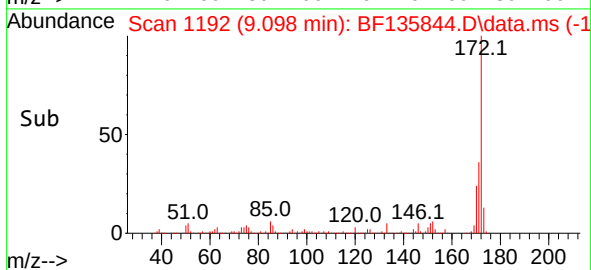
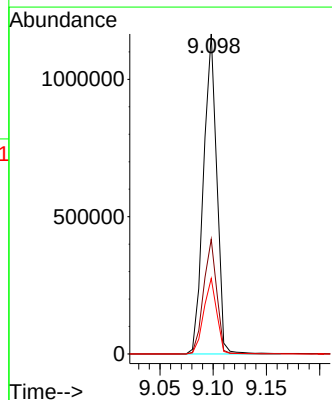
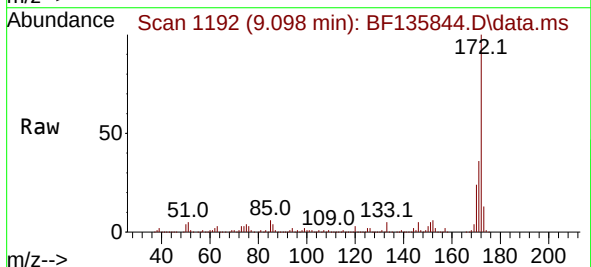
Tgt Ion:172 Resp: 1016296

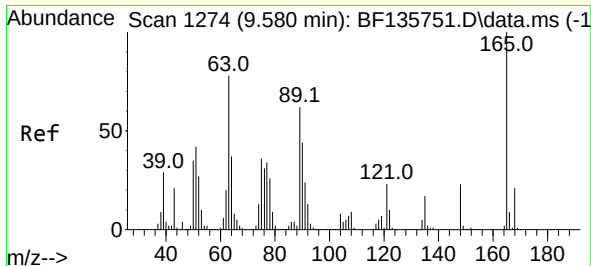
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.6 18.8 28.2

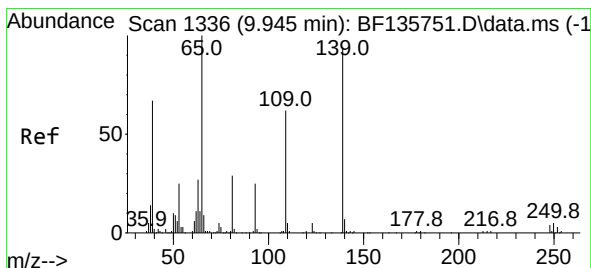
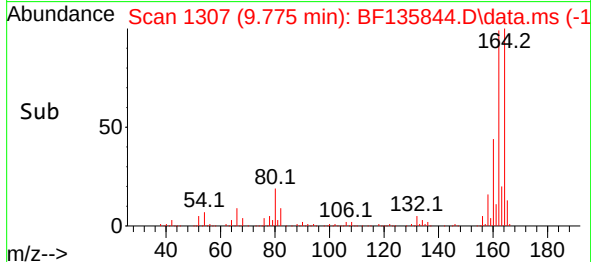
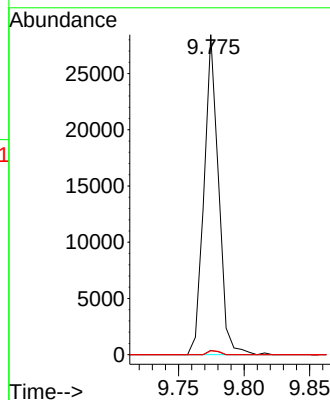
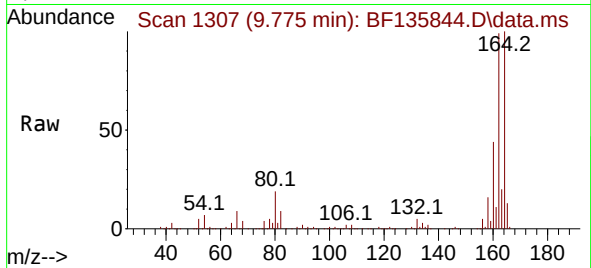




#51
2,6-Dinitrotoluene
Concen: 8.578 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135844.D
Acq: 18 Oct 2023 13:32

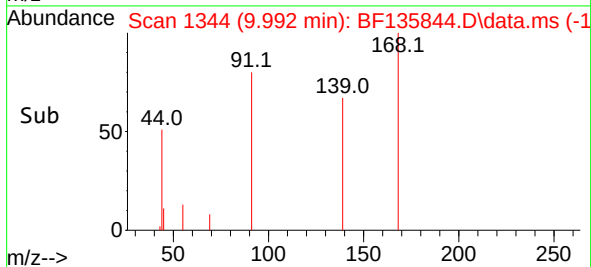
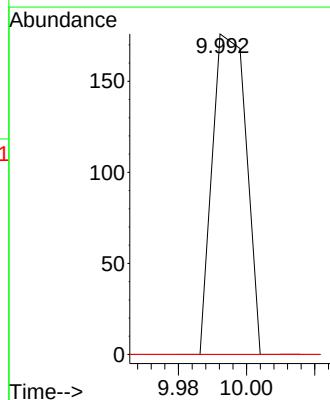
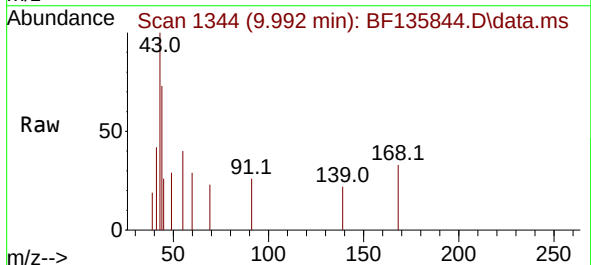
Instrument :
BNA_F
ClientSampleId :
WC-1

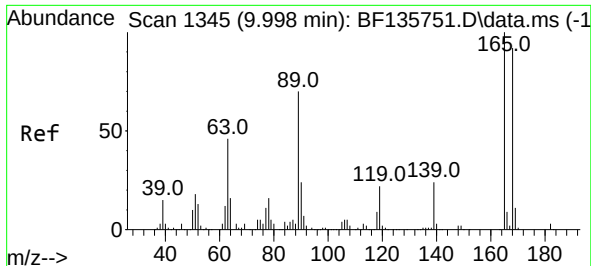
Tgt Ion:165 Resp: 22036
Ion Ratio Lower Upper
165 100
63 1.3 62.2 93.4#
89 1.2 49.6 74.4#



#56
4-Nitrophenol
Concen: 5.570 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.047 min
Lab File: BF135844.D
Acq: 18 Oct 2023 13:32

Tgt Ion:139 Resp: 121
Ion Ratio Lower Upper
139 100
109 0.0 45.6 85.6#
65 0.0 87.5 127.5#





#57

2,4-Dinitrotoluene

Concen: 6.742 ng

RT: 9.775 min Scan# 11

Delta R.T. -0.230 min

Lab File: BF135844.D

Acq: 18 Oct 2023 13:32

Instrument :

BNA_F

ClientSampleId :

WC-1

Tgt Ion:165 Resp: 22036

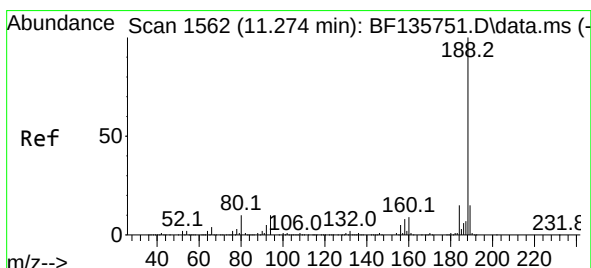
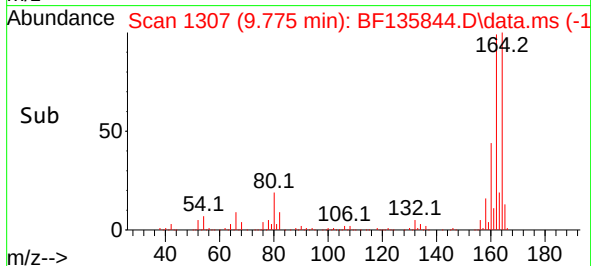
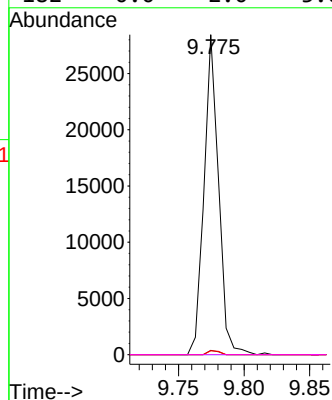
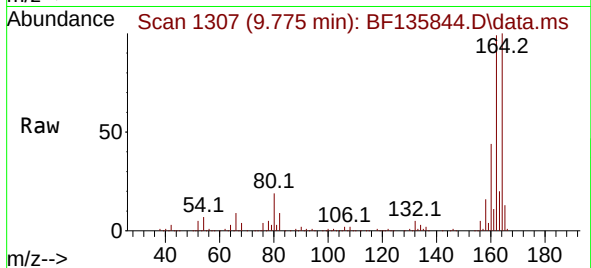
Ion Ratio Lower Upper

165 100

63 1.3 39.0 58.4#

89 1.2 55.9 83.9#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1562

Delta R.T. -0.006 min

Lab File: BF135844.D

Acq: 18 Oct 2023 13:32

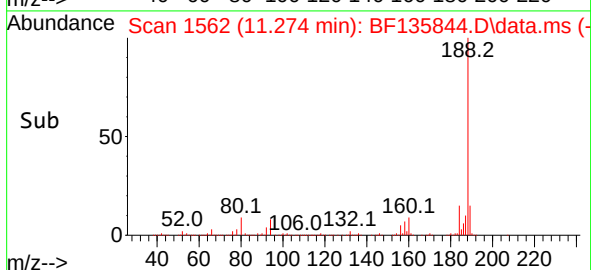
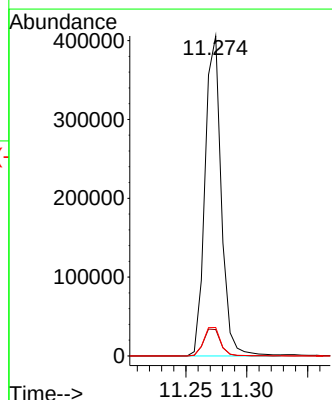
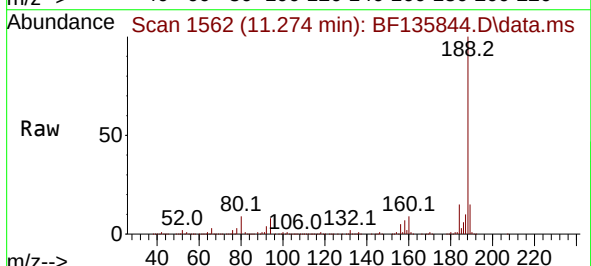
Tgt Ion:188 Resp: 375199

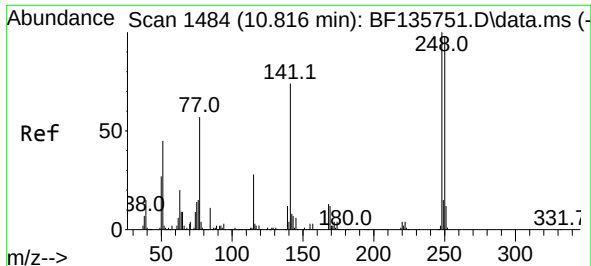
Ion Ratio Lower Upper

188 100

94 8.2 8.0 12.0

80 8.9 8.3 12.5

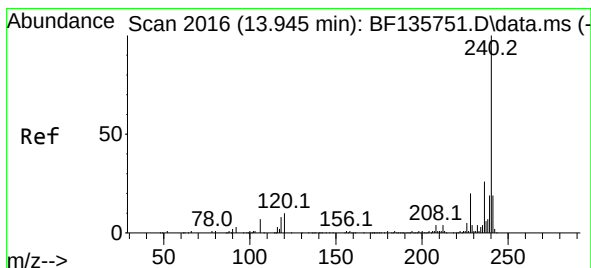
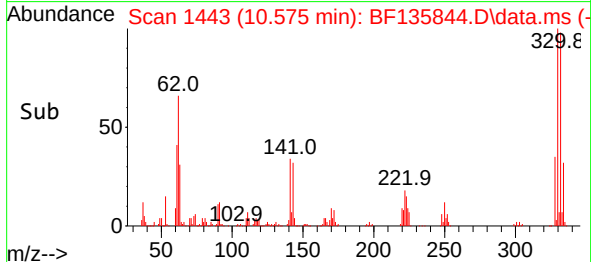
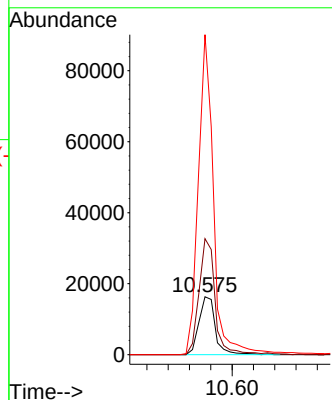
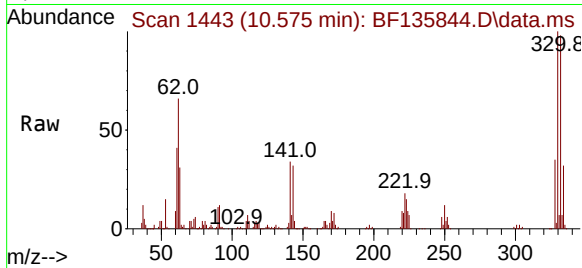




#67
4-Bromophenyl-phenylether
Concen: 4.648 ng
RT: 10.575 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF135844.D
Acq: 18 Oct 2023 13:32

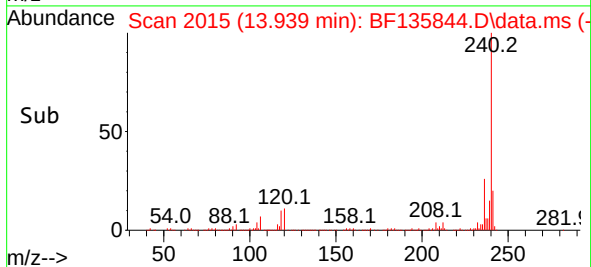
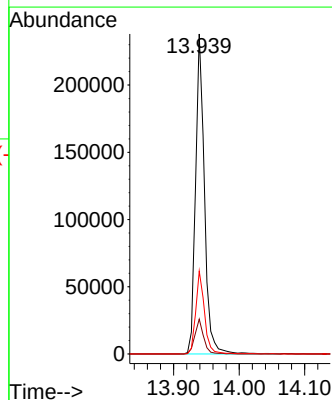
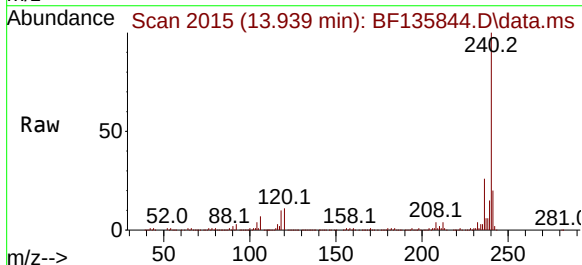
Instrument :
BNA_F
ClientSampleId :
WC-1

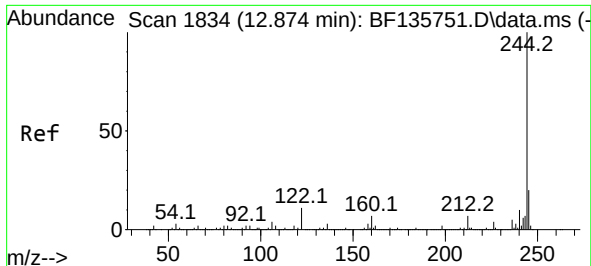
Tgt Ion:248 Resp: 17507
Ion Ratio Lower Upper
248 100
250 200.2 78.0 117.0#
141 552.1 59.0 88.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135844.D
Acq: 18 Oct 2023 13:32

Tgt Ion:240 Resp: 224058
Ion Ratio Lower Upper
240 100
120 10.9 8.2 12.2
236 25.9 21.2 31.8

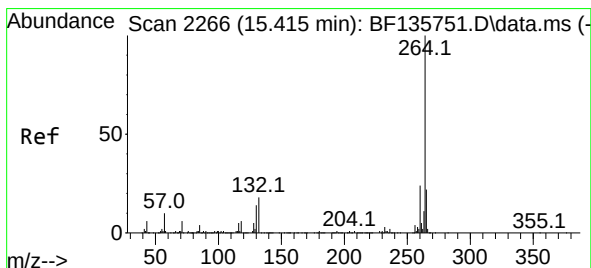
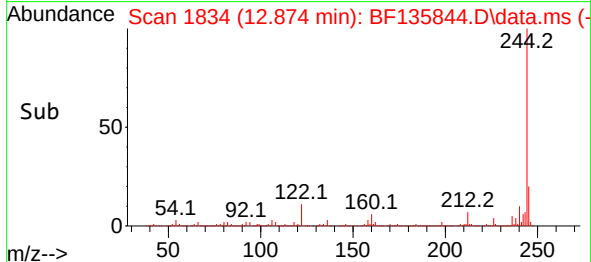
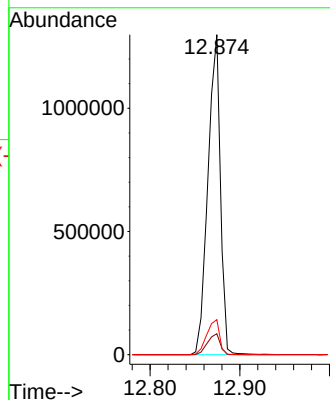
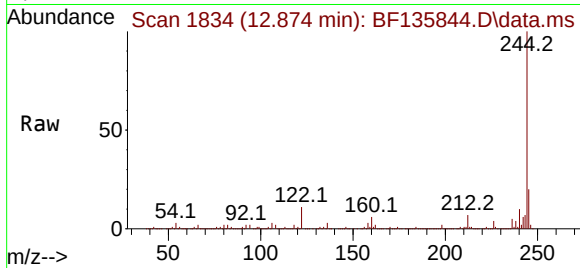




#79
 Terphenyl-d14
 Concen: 103.612 ng
 RT: 12.874 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135844.D
 Acq: 18 Oct 2023 13:32

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 1253575
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 11.0 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.000 min
 Lab File: BF135844.D
 Acq: 18 Oct 2023 13:32

Tgt Ion:264 Resp: 180654
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 20.1 17.4 26.2

