

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
 Data File : BF135864.D
 Acq On : 18 Oct 2023 23:59
 Operator : CG\JU
 Sample : 04887-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-622-VOC-04

Quant Time: Oct 19 02:10:55 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)

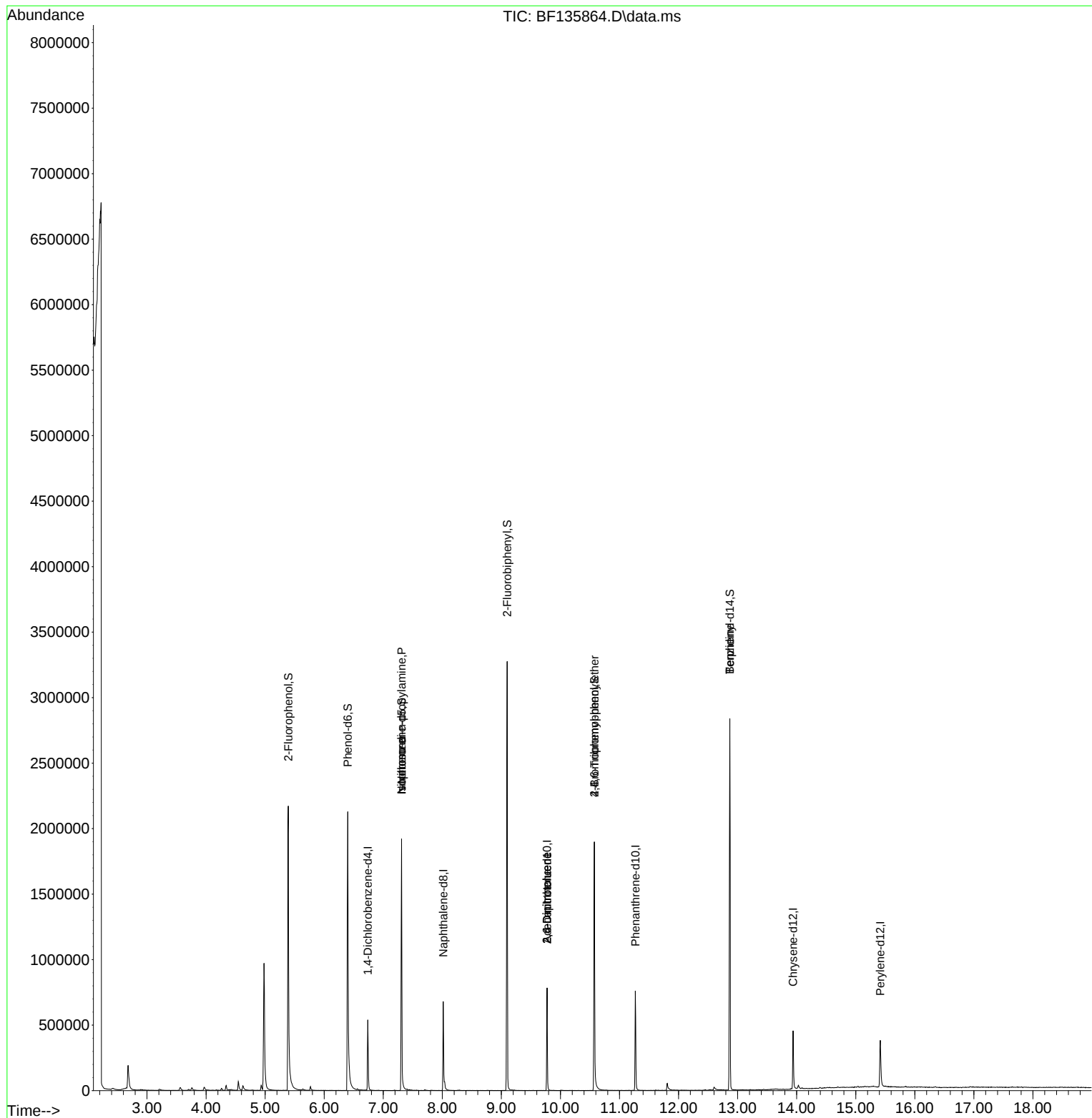
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	75824	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	289606	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	148174	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	291612	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	159855	20.000	ng	-0.01
86) Perylene-d12	15.415	264	194530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	700696	148.574	ng	0.02
7) Phenol-d6	6.398	99	794931	135.090	ng	0.00
23) Nitrobenzene-d5	7.310	82	565766	107.445	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	247785	174.270	ng	-0.01
45) 2-Fluorobiphenyl	9.098	172	1002721	105.806	ng	0.00
79) Terphenyl-d14	12.869	244	1053073	121.998	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	75800	20.833	ng	# 74
25) Isophorone	7.310	82	565766	56.953	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	19262	8.955	ng	# 16
57) 2,4-Dinitrotoluene	9.775	165	19262	7.039	ng	# 23
67) 4-Bromophenyl-phenylether	10.575	248	14834	5.068	ng	# 1
77) Benzidine	12.869	184	12976	3.720	ng	# 93

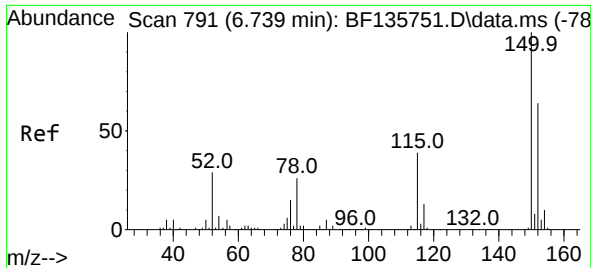
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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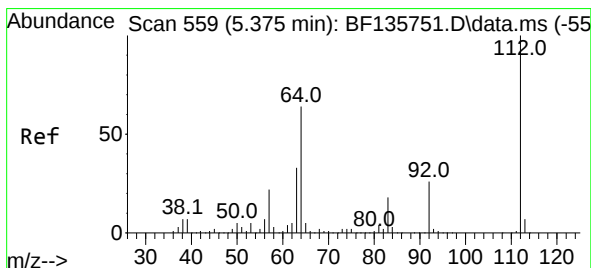
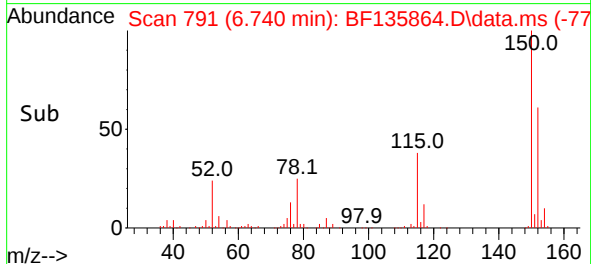
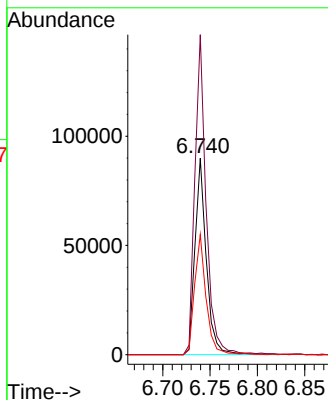
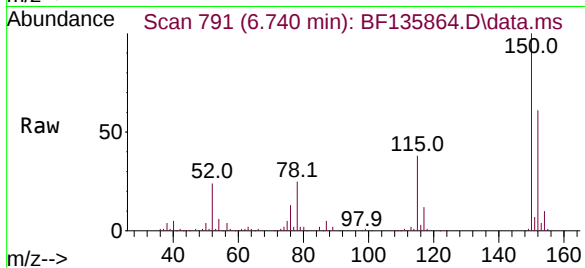




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

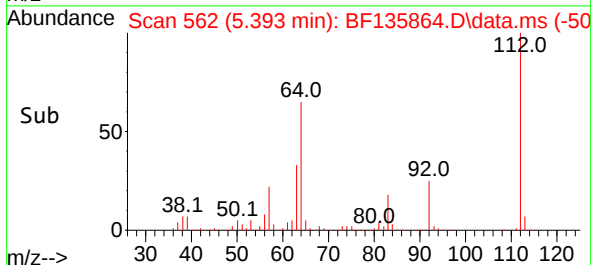
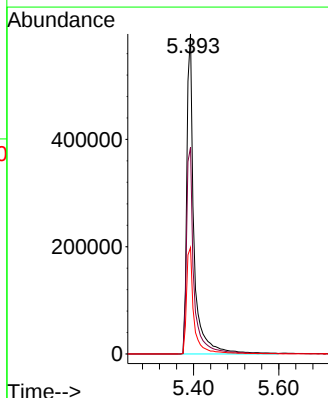
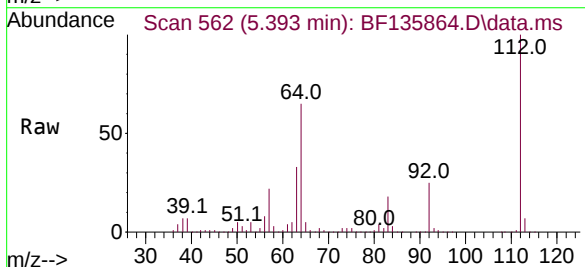
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04

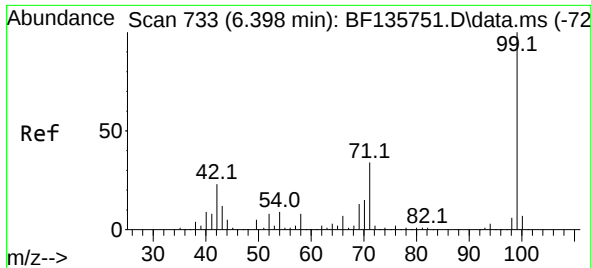
Tgt Ion:152 Resp: 75824
Ion Ratio Lower Upper
152 100
150 162.8 124.5 186.7
115 61.1 49.0 73.4



#5
2-Fluorophenol
Concen: 148.574 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.018 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

Tgt Ion:112 Resp: 700696
Ion Ratio Lower Upper
112 100
64 64.6 51.2 76.8
63 33.2 26.1 39.1

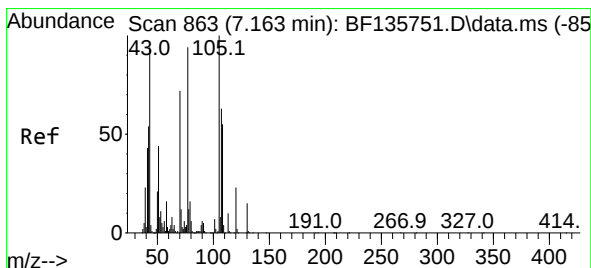
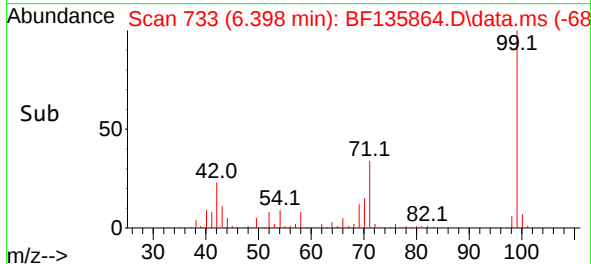
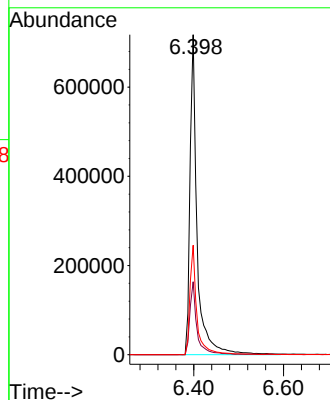
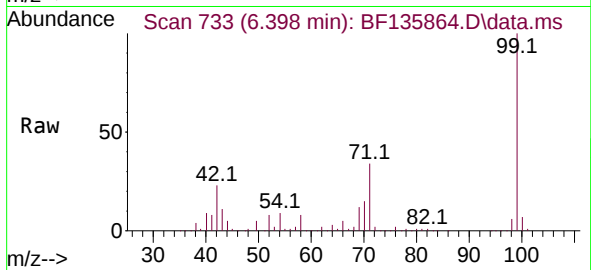




#7
Phenol-d6
Concen: 135.090 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

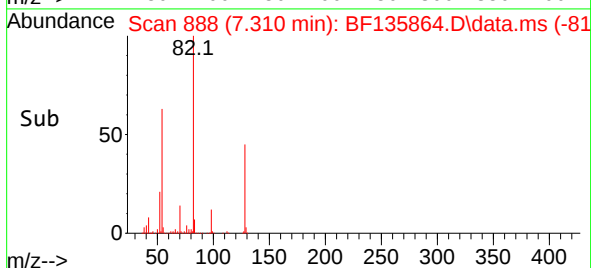
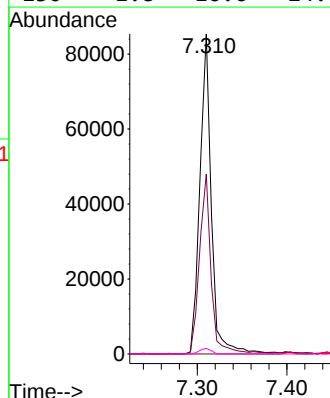
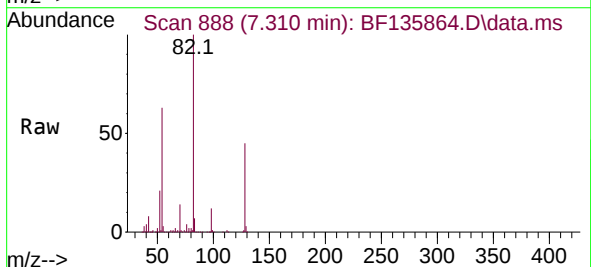
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04

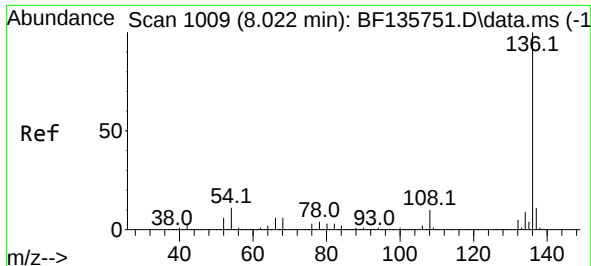
Tgt Ion: 99 Resp: 794931
Ion Ratio Lower Upper
99 100
42 22.8 18.4 27.6
71 34.2 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.833 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

Tgt Ion: 70 Resp: 75800
Ion Ratio Lower Upper
70 100
42 56.3 59.8 89.6#
101 0.0 7.4 11.2#
130 1.8 16.6 24.8#

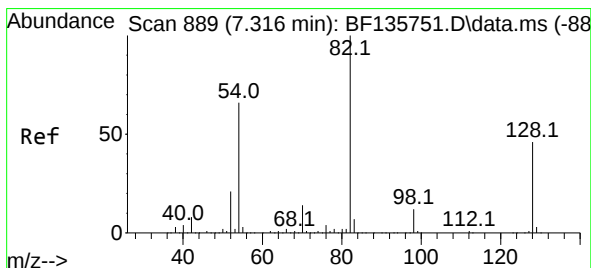
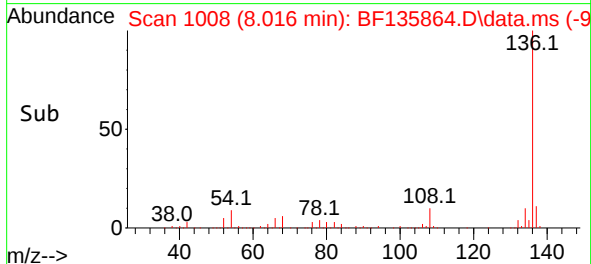
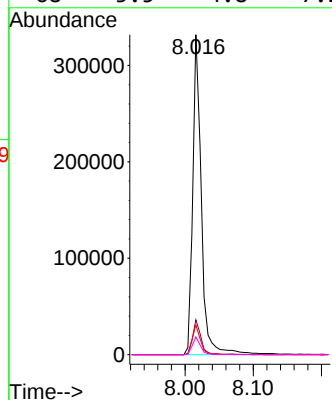
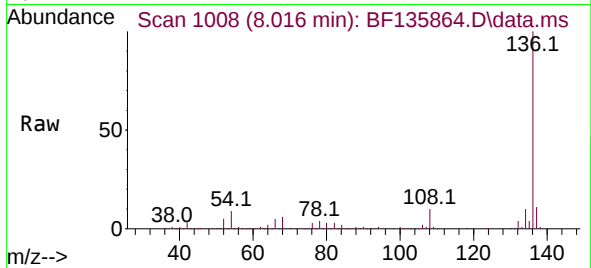




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

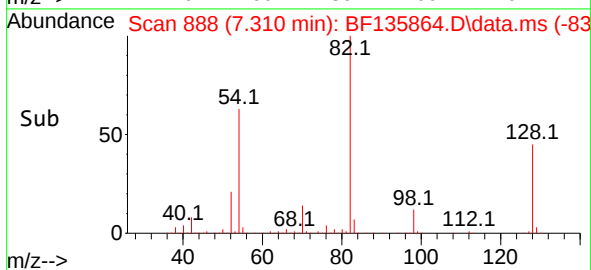
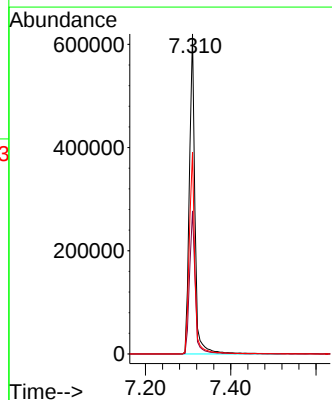
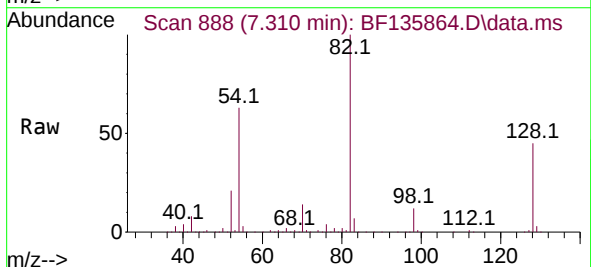
Instrument :
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ClientSampleId :
SU-622-VOC-04

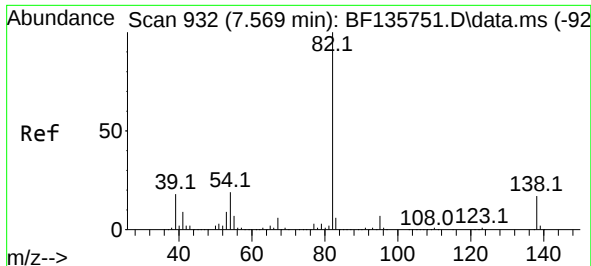
Tgt Ion:136	Resp: 289606
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 12.8
54 9.3	8.5 12.7
68 5.5	4.8 7.2



#23
Nitrobenzene-d5
Concen: 107.445 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

Tgt Ion: 82	Resp: 565766
Ion Ratio	Lower Upper
82 100	
128 44.7	37.0 55.6
54 63.1	52.8 79.2

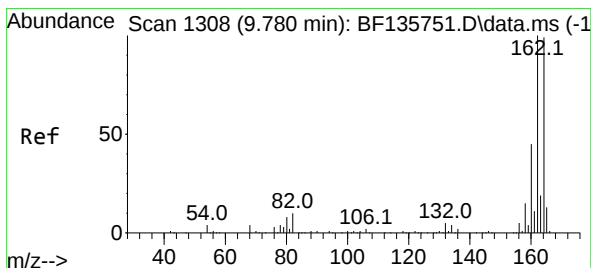
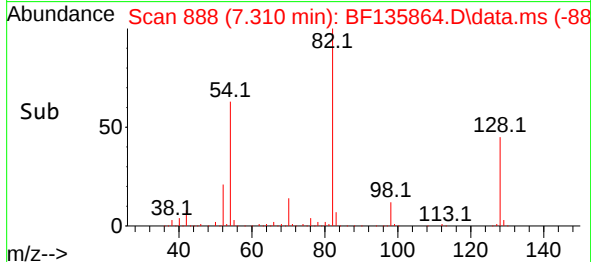
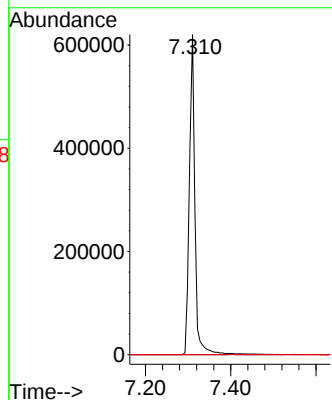
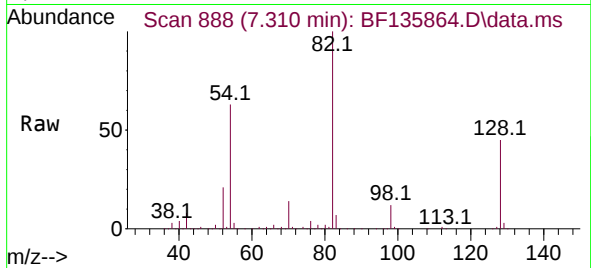




#25
Isophorone
Concen: 56.953 ng
RT: 7.310 min Scan# 88
Delta R.T. -0.259 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

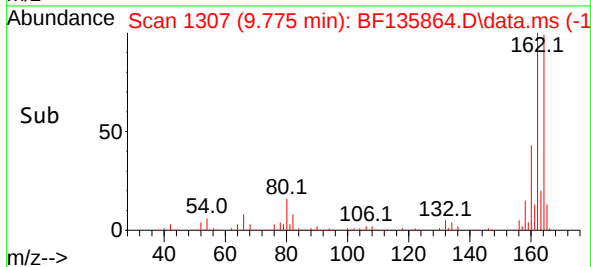
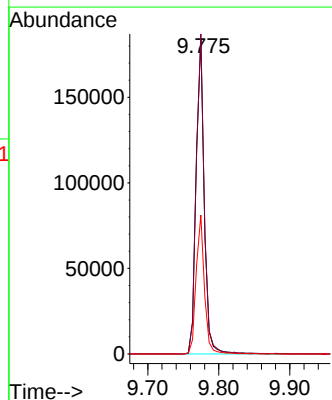
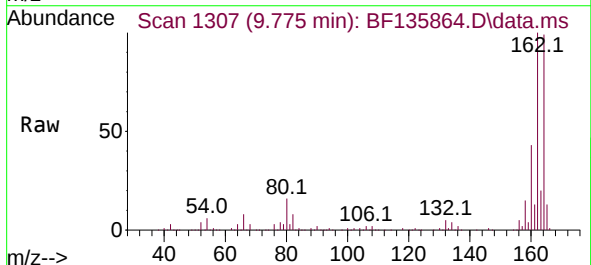
Instrument :
BNA_F
ClientSampleId :
SU-622-VOC-04

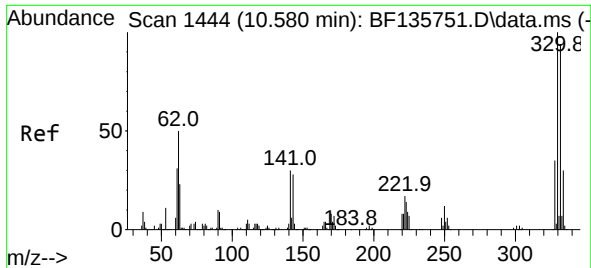
Tgt Ion: 82 Resp: 565766
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

Tgt Ion:164 Resp: 148174
Ion Ratio Lower Upper
164 100
162 101.4 80.8 121.2
160 44.0 36.6 54.8

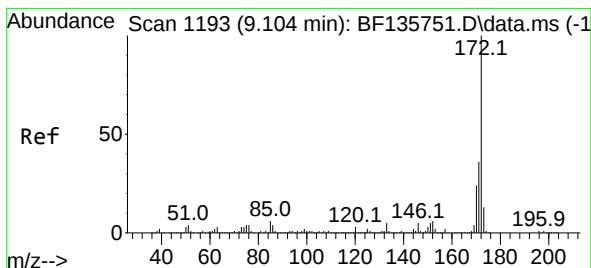
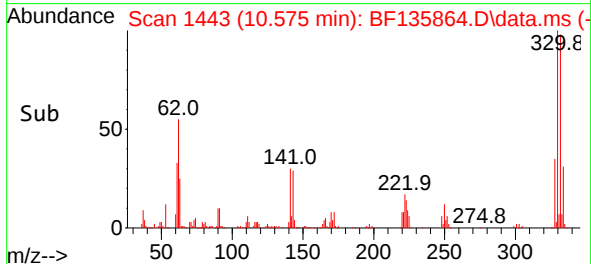
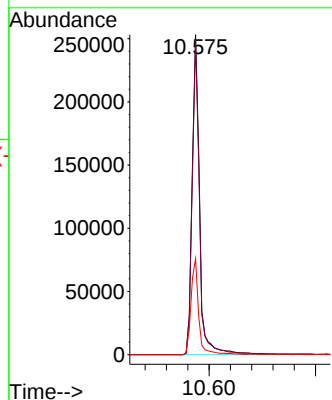
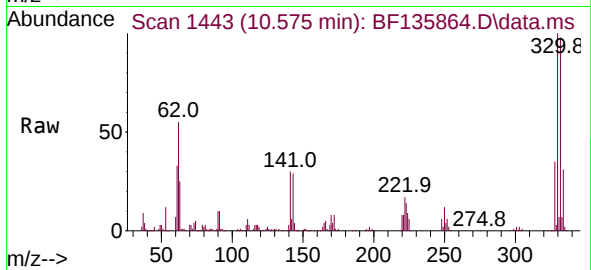




#42
2,4,6-Tribromophenol
Concen: 174.270 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

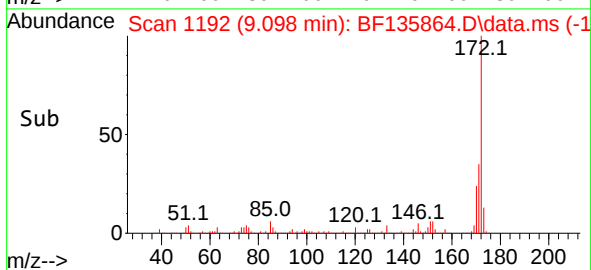
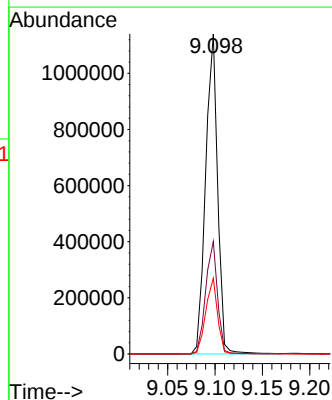
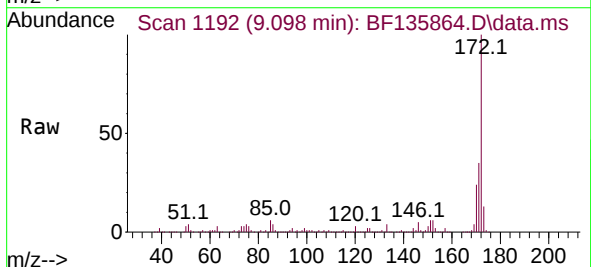
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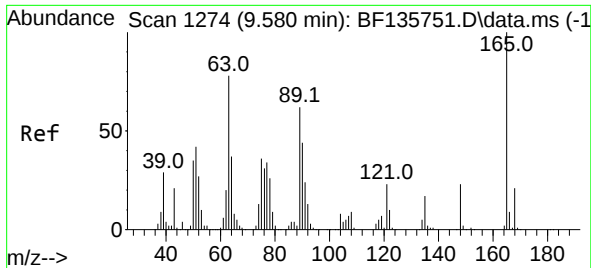
Tgt Ion:330 Resp: 247785
Ion Ratio Lower Upper
330 100
332 95.5 75.0 112.4
141 30.8 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 105.806 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

Tgt Ion:172 Resp: 1002721
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.7 18.8 28.2

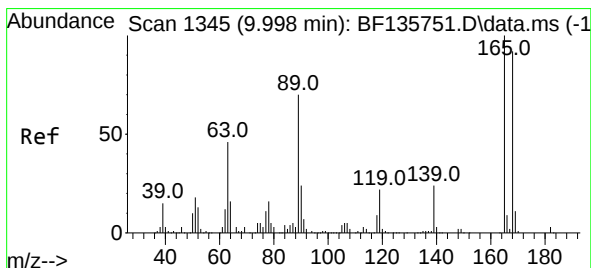
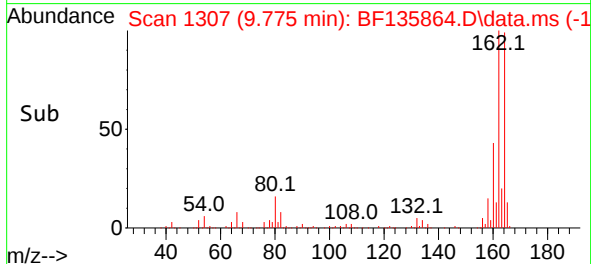
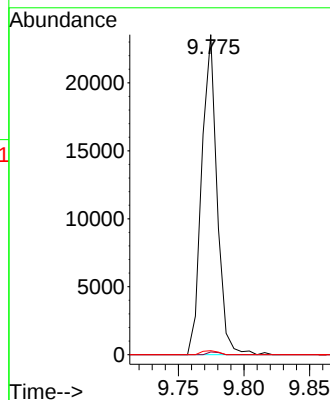
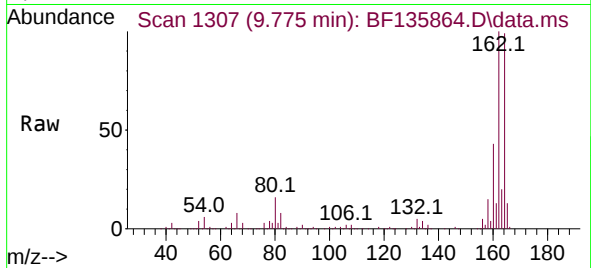




#51
2,6-Dinitrotoluene
Concen: 8.955 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

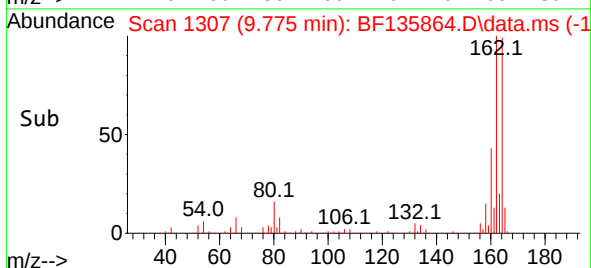
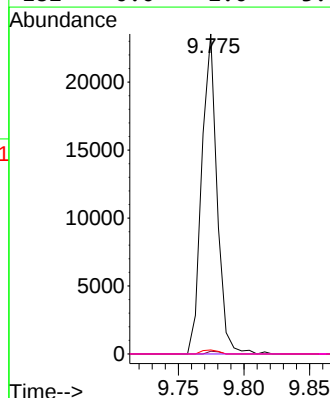
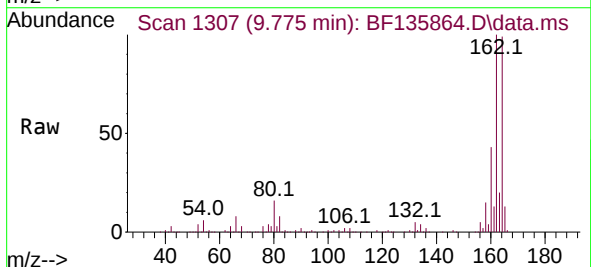
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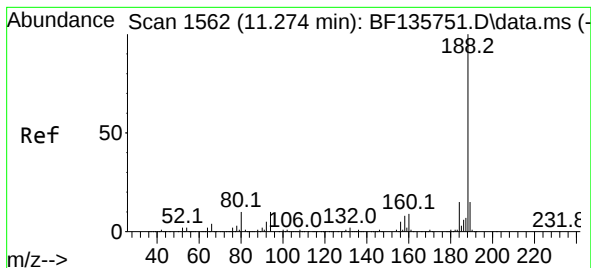
Tgt Ion:165 Resp: 19262
Ion Ratio Lower Upper
165 100
63 0.9 62.2 93.4#
89 1.2 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 7.039 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.229 min
Lab File: BF135864.D
Acq: 18 Oct 2023 23:59

Tgt Ion:165 Resp: 19262
Ion Ratio Lower Upper
165 100
63 0.9 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: 11.269 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF135864.D

Acq: 18 Oct 2023 23:59

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04

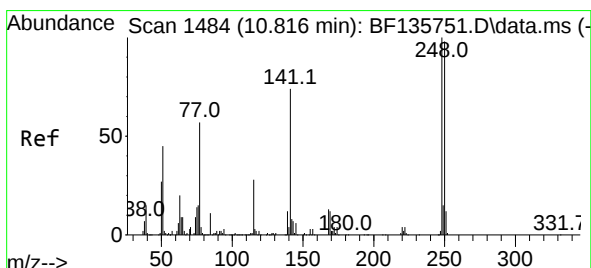
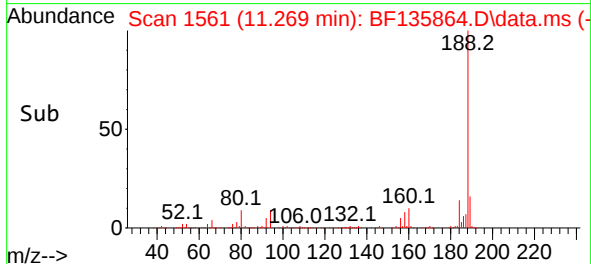
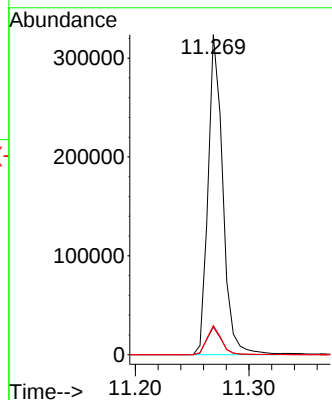
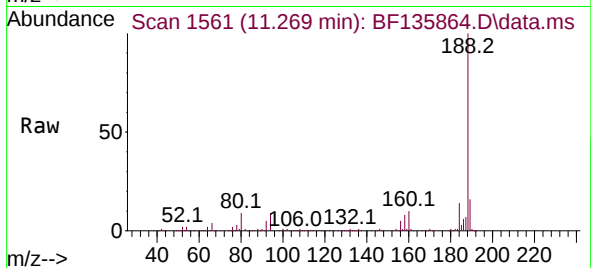
Tgt Ion:188 Resp: 291612

Ion Ratio Lower Upper

188 100

94 8.6 8.0 12.0

80 9.1 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 5.068 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.247 min

Lab File: BF135864.D

Acq: 18 Oct 2023 23:59

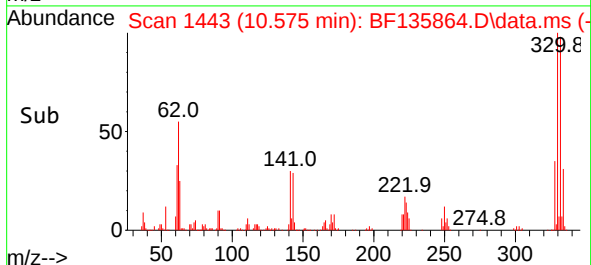
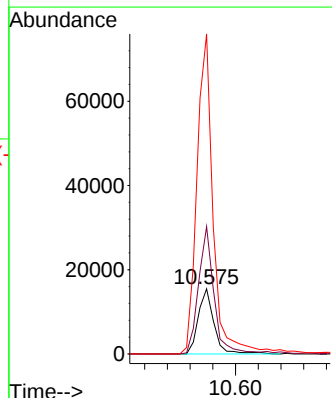
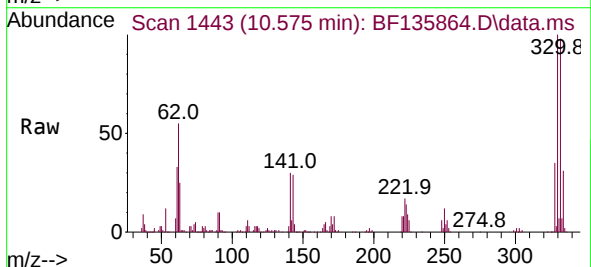
Tgt Ion:248 Resp: 14834

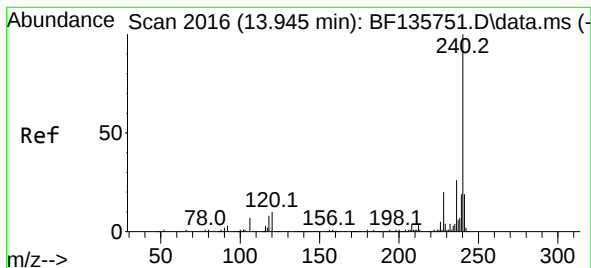
Ion Ratio Lower Upper

248 100

250 195.6 78.0 117.0#

141 491.4 59.0 88.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF135864.D

Acq: 18 Oct 2023 23:59

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04

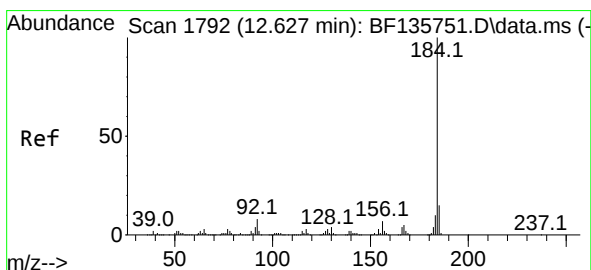
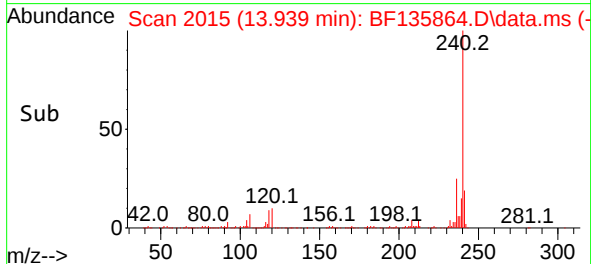
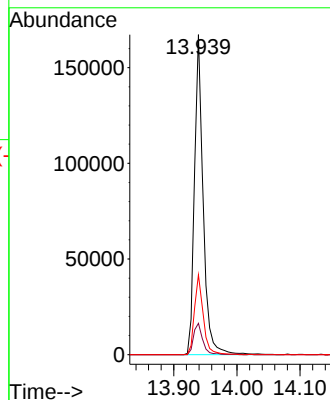
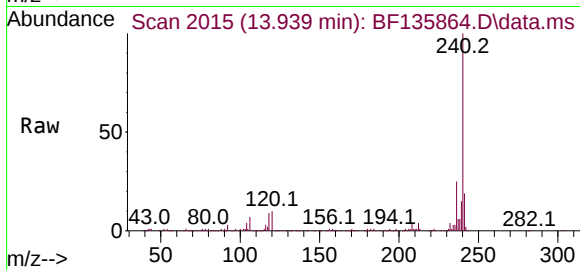
Tgt Ion:240 Resp: 159855

Ion Ratio Lower Upper

240 100

120 9.8 8.2 12.2

236 25.0 21.2 31.8



#77

Benzidine

Concen: 3.720 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.235 min

Lab File: BF135864.D

Acq: 18 Oct 2023 23:59

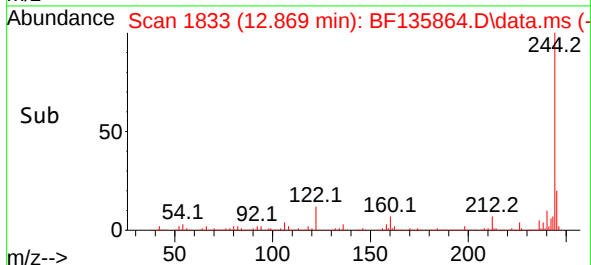
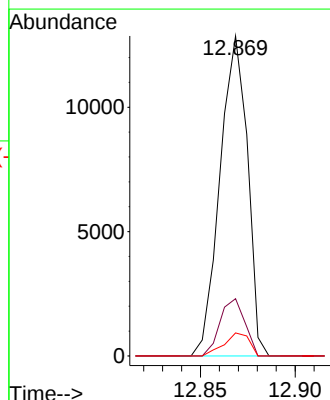
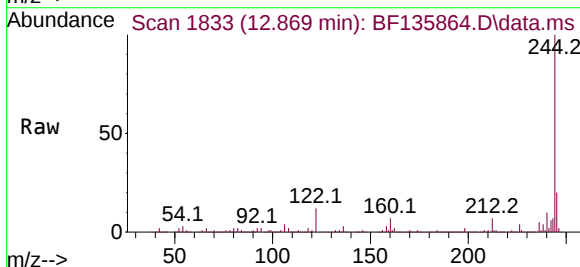
Tgt Ion:184 Resp: 12976

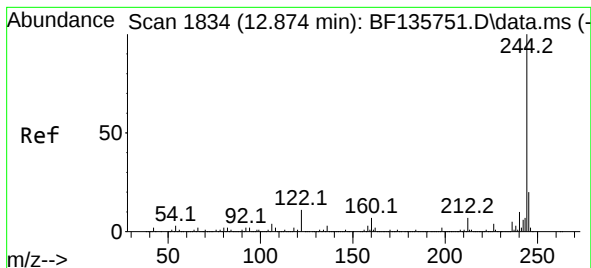
Ion Ratio Lower Upper

184 100

185 17.9 12.0 18.0

183 7.2 8.2 12.2#





#79

Terphenyl-d14

Concen: 121.998 ng

RT: 12.869 min Scan# 1833

Delta R.T. -0.012 min

Lab File: BF135864.D

Acq: 18 Oct 2023 23:59

Instrument :

BNA_F

ClientSampleId :

SU-622-VOC-04

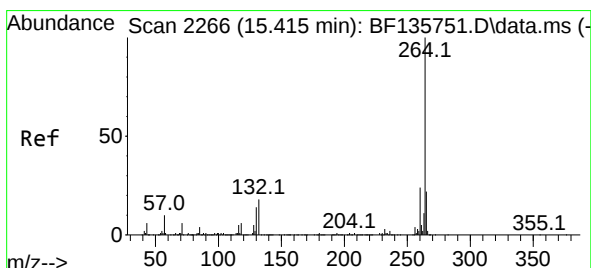
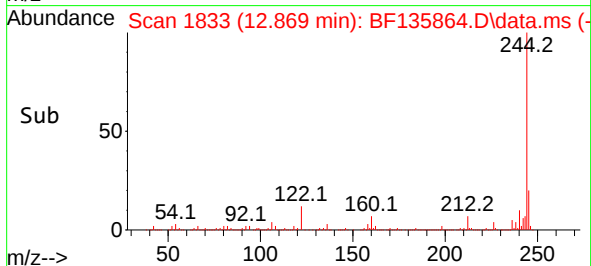
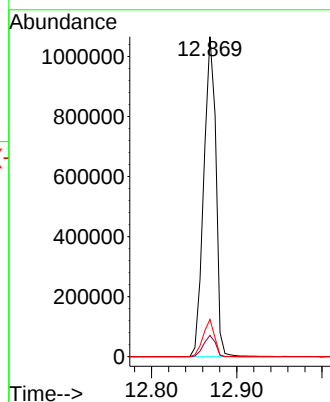
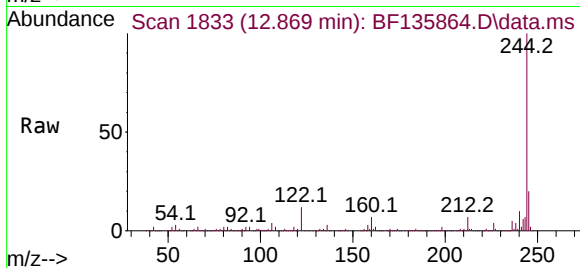
Tgt Ion:244 Resp: 1053073

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 11.6 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. -0.006 min

Lab File: BF135864.D

Acq: 18 Oct 2023 23:59

Tgt Ion:264 Resp: 194530

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.9 17.4 26.2

