

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135710.D
 Acq On : 11 Oct 2023 13:39
 Operator : CG\JU
 Sample : 04817-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241

Quant Time: Oct 12 00:47:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

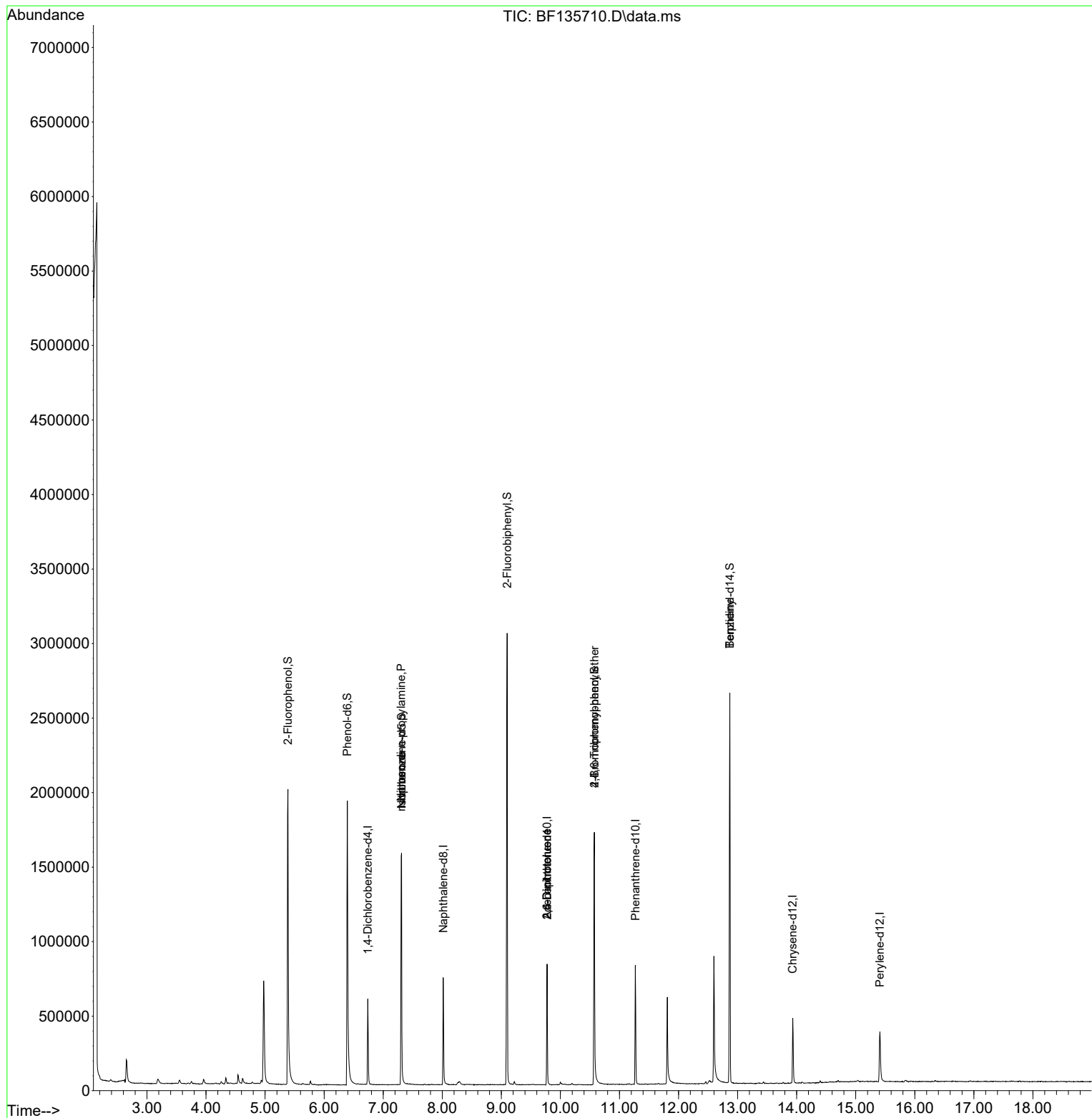
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	79139	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	306650	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	153372	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	288972	20.000	ng	0.00
76) Chrysene-d12	13.933	240	159008	20.000	ng	0.00
86) Perylene-d12	15.410	264	189451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	632384	129.966	ng	0.02
7) Phenol-d6	6.393	99	709959	114.748	ng	0.00
23) Nitrobenzene-d5	7.310	82	527818	93.514	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	233051	152.906	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	997065	98.081	ng	0.00
79) Terphenyl-d14	12.869	244	937561	91.404	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	71026	18.534	ng	# 82
25) Isophorone	7.310	82	527818	50.926	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	19143	8.427	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	19143	6.731	ng	# 19
67) 4-Bromophenyl-phenylether	10.575	248	14042	4.886	ng	# 1
77) Benzidine	12.869	184	10886	3.342	ng	# 92

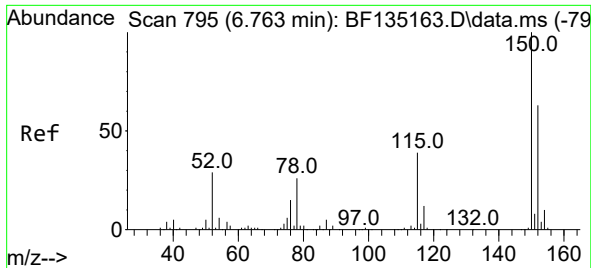
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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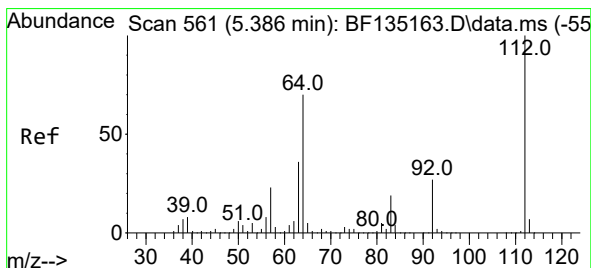
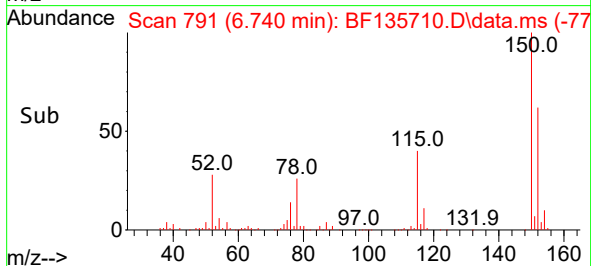
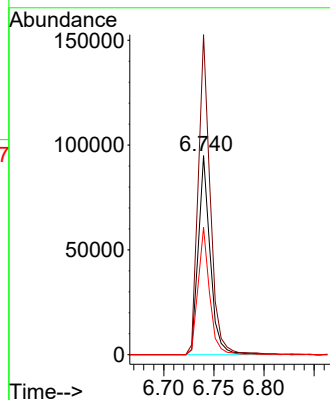
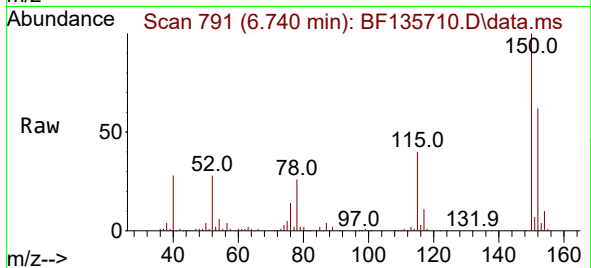




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135710.D
Acq: 11 Oct 2023 13:39

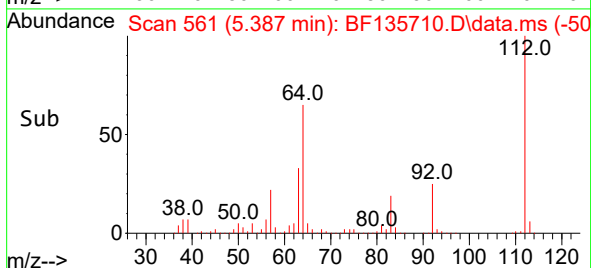
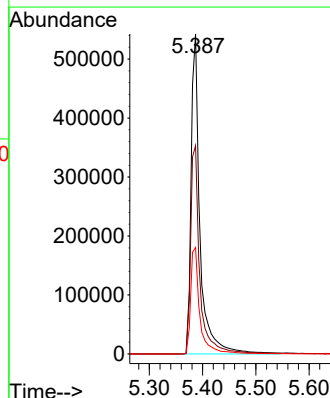
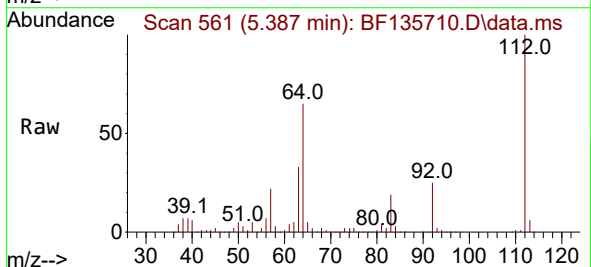
Instrument :
BNA_F
ClientSampleId :
VNJ-241

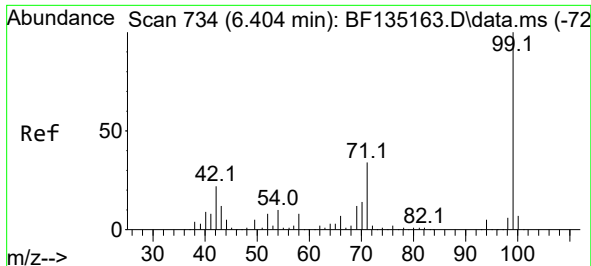
Tgt Ion:152 Resp: 79139
Ion Ratio Lower Upper
152 100
150 160.8 127.8 191.6
115 64.0 49.8 74.8



#5
2-Fluorophenol
Concen: 129.966 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135710.D
Acq: 11 Oct 2023 13:39

Tgt Ion:112 Resp: 632384
Ion Ratio Lower Upper
112 100
64 65.1 55.9 83.9
63 33.3 29.0 43.6

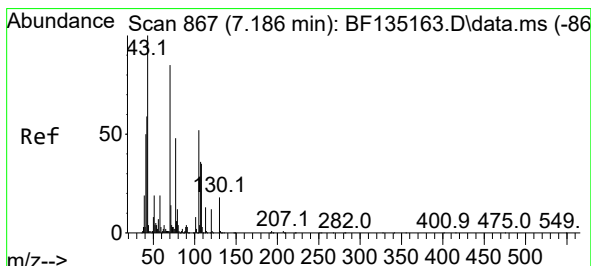
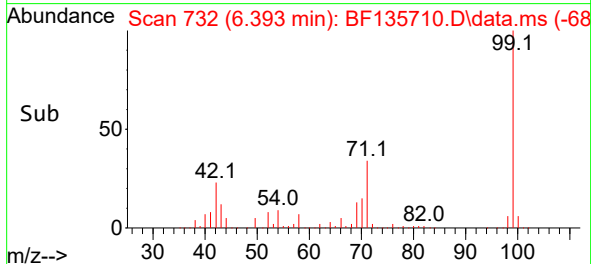
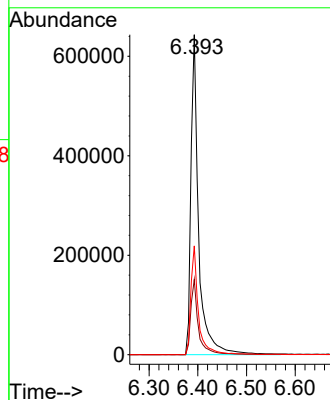
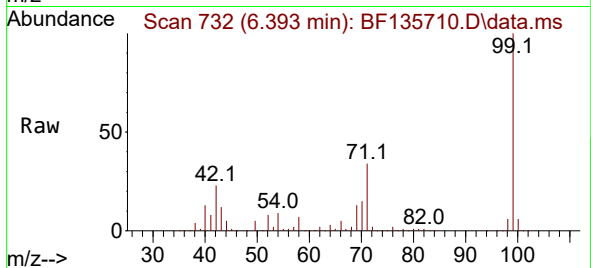




#7
Phenol-d6
Concen: 114.748 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135710.D
Acq: 11 Oct 2023 13:39

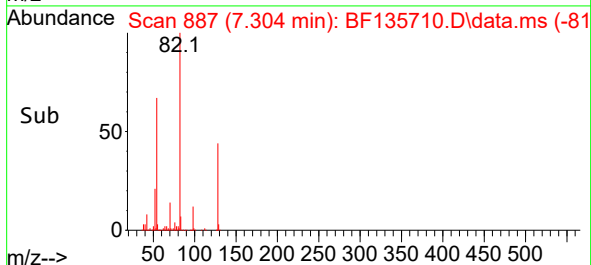
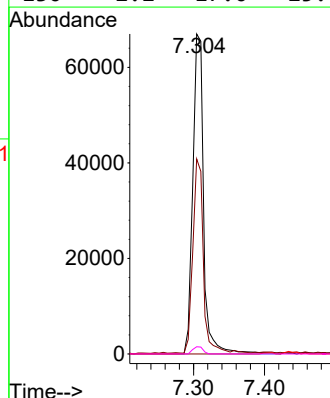
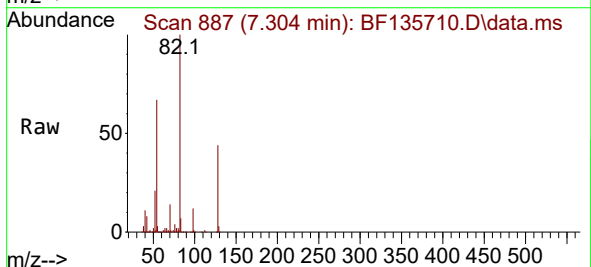
Instrument :
BNA_F
ClientSampleId :
VNJ-241

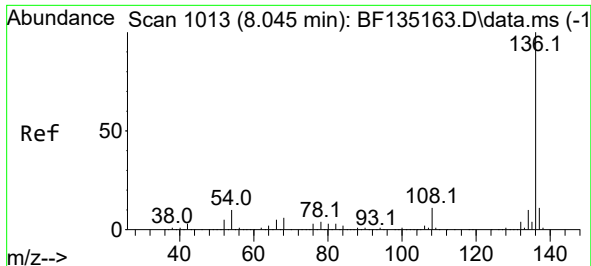
Tgt Ion: 99 Resp: 709959
Ion Ratio Lower Upper
99 100
42 23.5 17.9 26.9
71 34.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.534 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135710.D
Acq: 11 Oct 2023 13:39

Tgt Ion: 70 Resp: 71026
Ion Ratio Lower Upper
70 100
42 61.0 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#

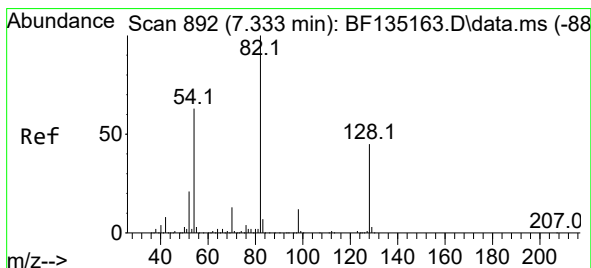
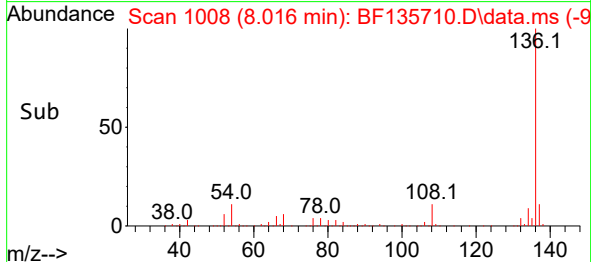
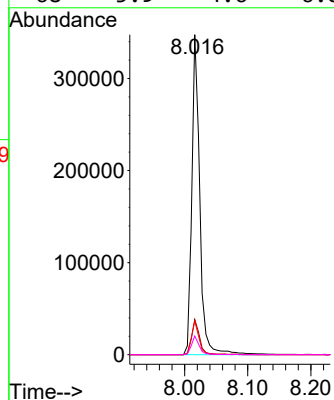
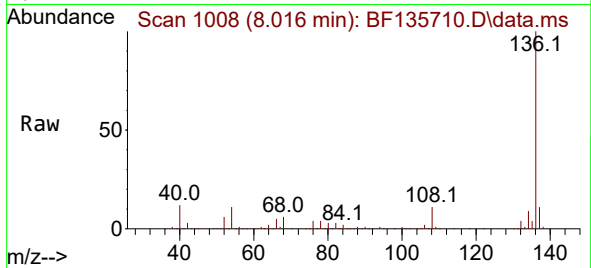




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135710.D
Acq: 11 Oct 2023 13:39

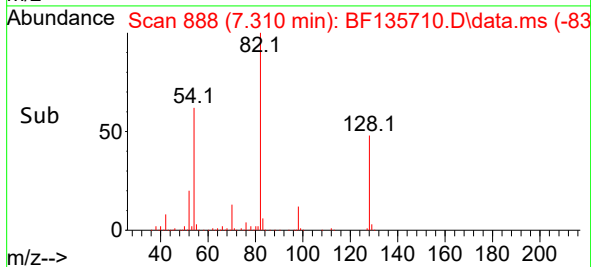
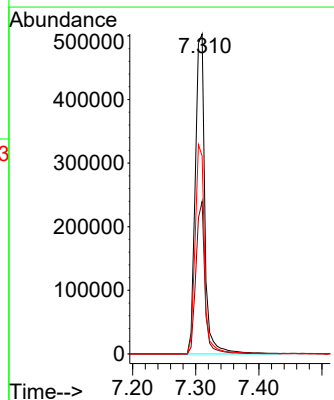
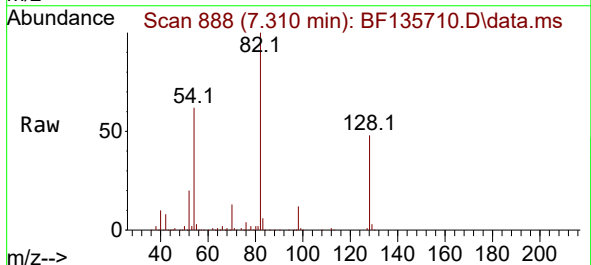
Instrument :
BNA_F
ClientSampleId :
VNJ-241

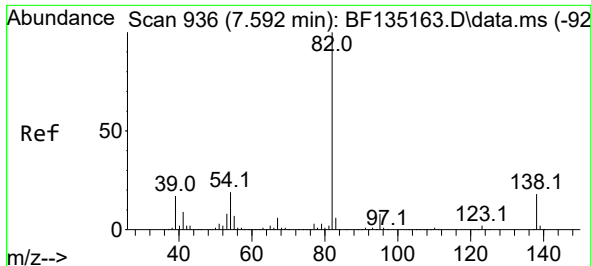
Tgt Ion:136 Resp: 306650
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.5 7.7 11.5
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 93.514 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF135710.D
Acq: 11 Oct 2023 13:39

Tgt Ion: 82 Resp: 527818
Ion Ratio Lower Upper
82 100
128 47.6 35.8 53.6
54 61.9 50.6 76.0

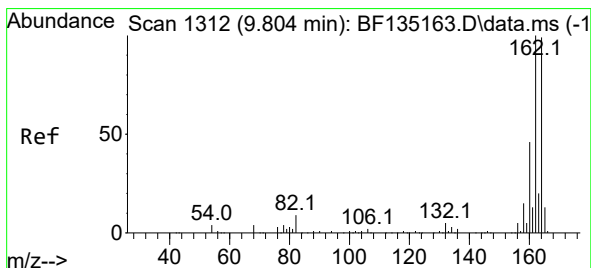
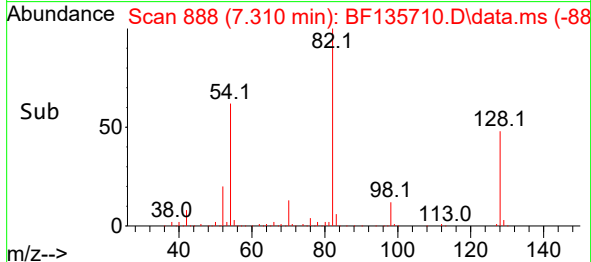
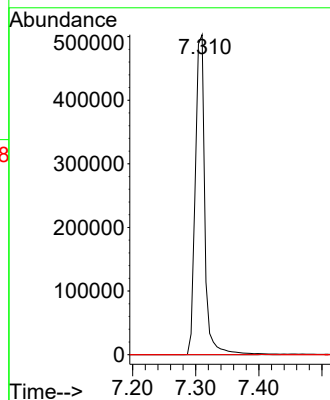
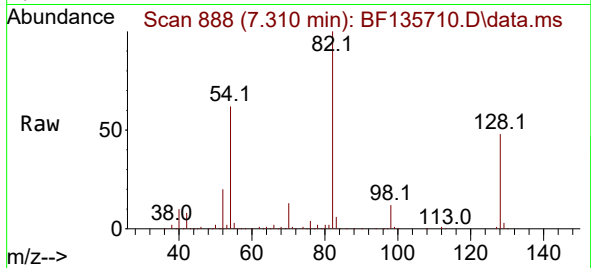




#25
Isophorone
Concen: 50.926 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF135710.D
Acq: 11 Oct 2023 13:39

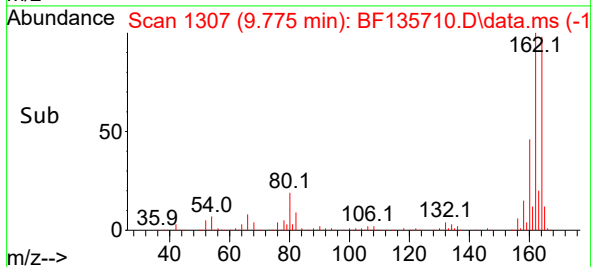
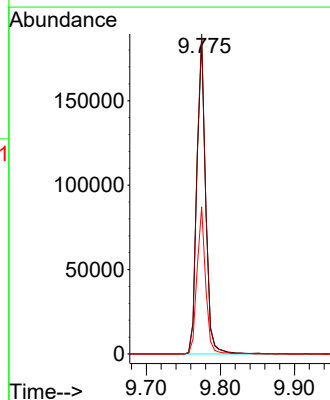
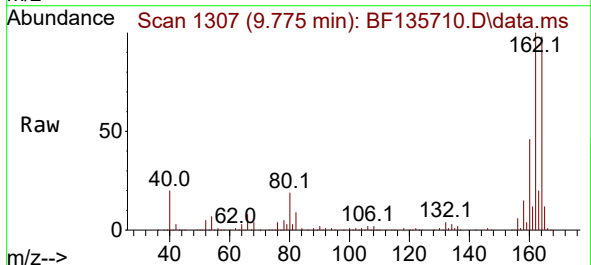
Instrument :
BNA_F
ClientSampleId :
VNJ-241

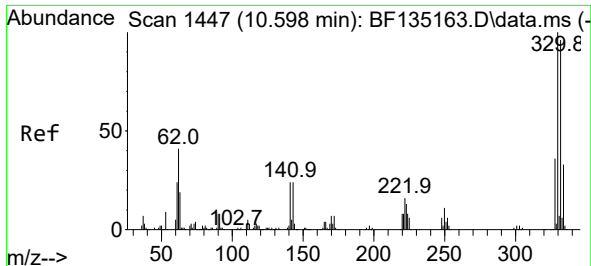
Tgt Ion: 82 Resp: 527818
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135710.D
Acq: 11 Oct 2023 13:39

Tgt Ion: 164 Resp: 153372
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 46.7 37.0 55.4

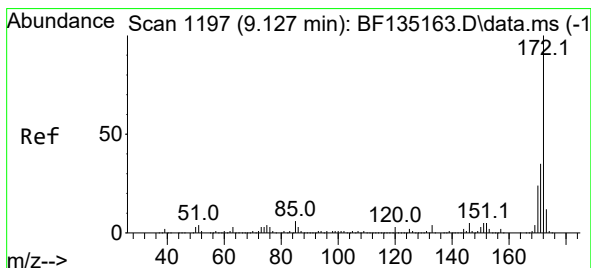
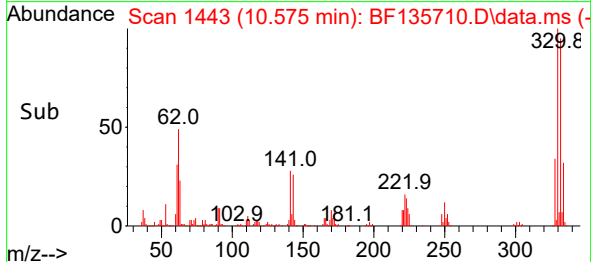
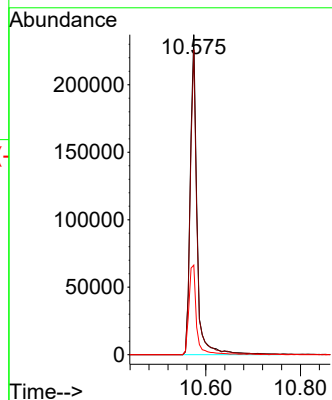
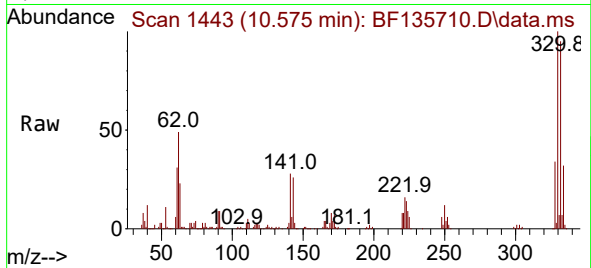




#42
2,4,6-Tribromophenol
Concen: 152.906 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF135710.D
Acq: 11 Oct 2023 13:39

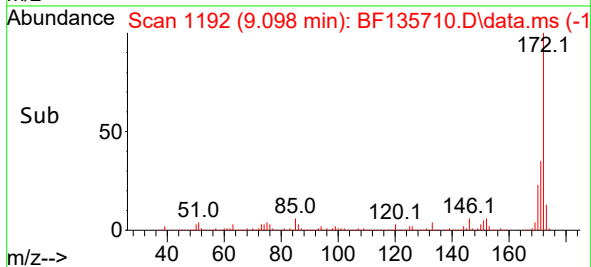
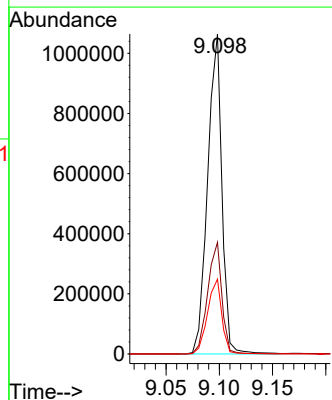
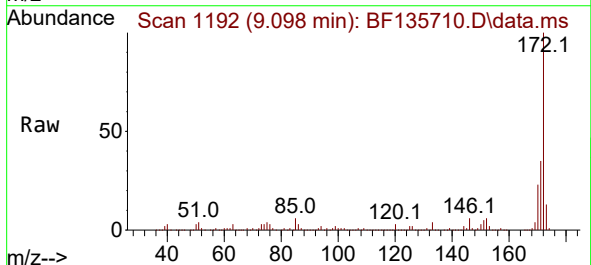
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ClientSampleId :
VNJ-241

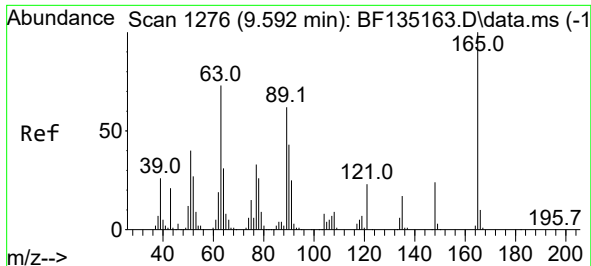
Tgt Ion:330 Resp: 233051
Ion Ratio Lower Upper
330 100
332 94.0 77.3 115.9
141 31.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 98.081 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135710.D
Acq: 11 Oct 2023 13:39

Tgt Ion:172 Resp: 997065
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.4 19.0 28.4

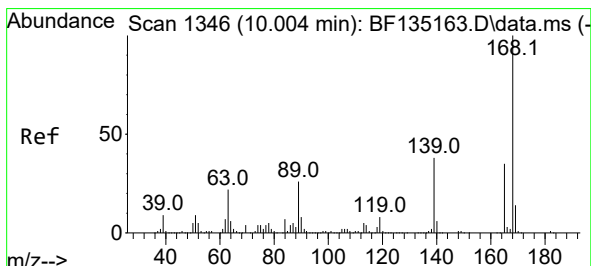
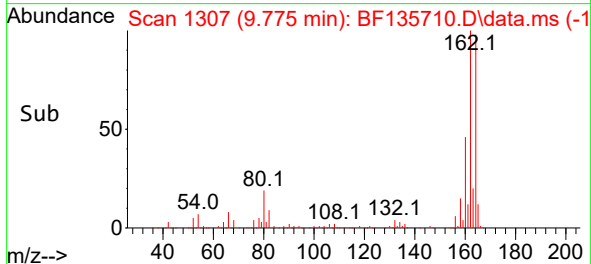
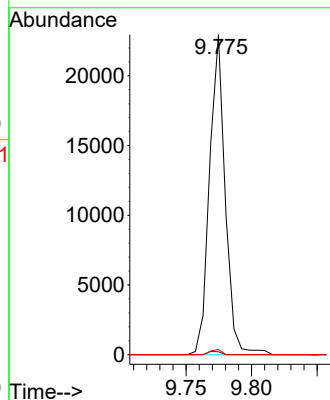
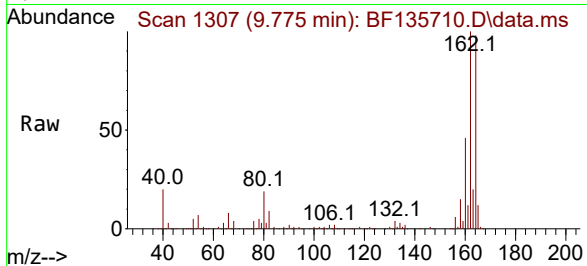




#51
2,6-Dinitrotoluene
Concen: 8.427 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF135710.D
Acq: 11 Oct 2023 13:39

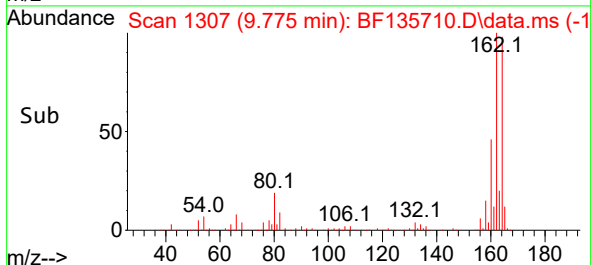
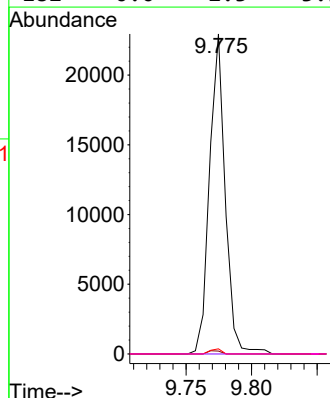
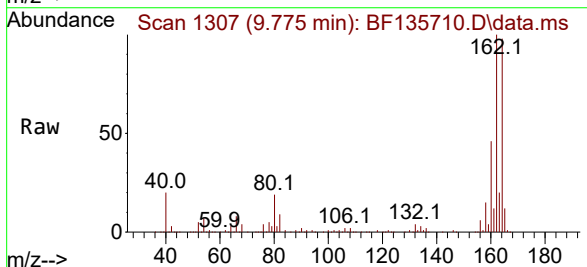
Instrument :
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VNJ-241

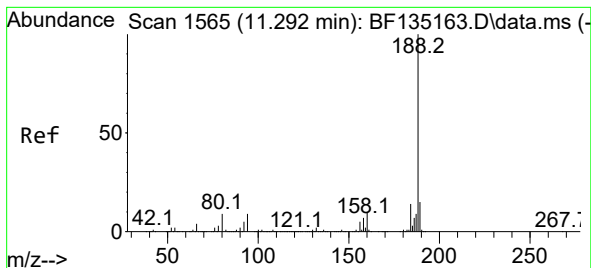
Tgt Ion:165 Resp: 19143
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 1.6 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.731 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.217 min
Lab File: BF135710.D
Acq: 11 Oct 2023 13:39

Tgt Ion:165 Resp: 19143
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.6 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135710.D

Acq: 11 Oct 2023 13:39

Instrument :

BNA_F

ClientSampleId :

VNJ-241

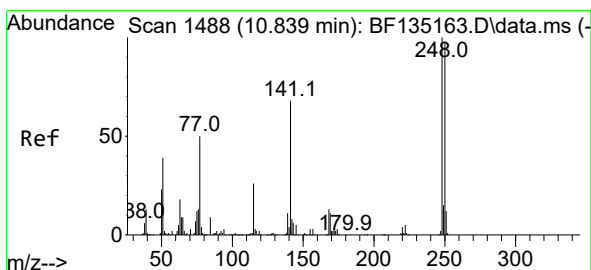
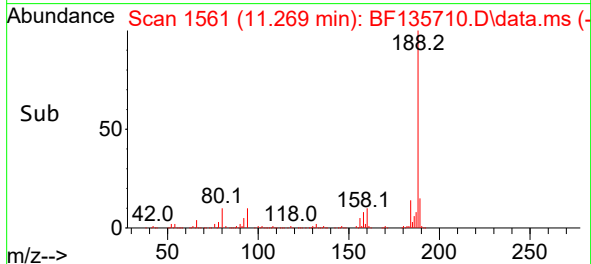
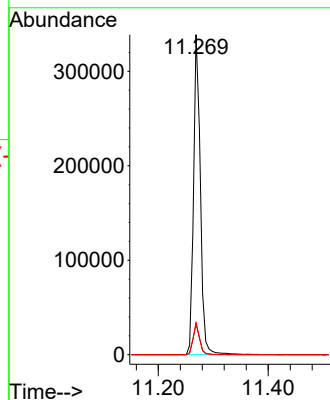
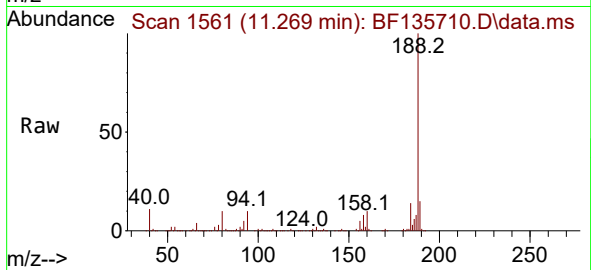
Tgt Ion:188 Resp: 288972

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

80 10.0 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.886 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.241 min

Lab File: BF135710.D

Acq: 11 Oct 2023 13:39

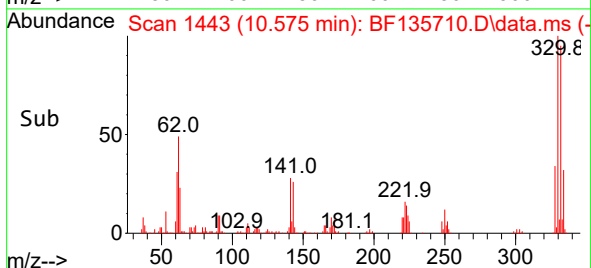
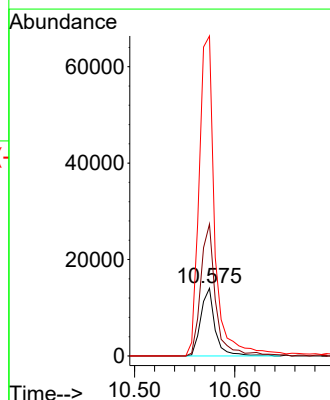
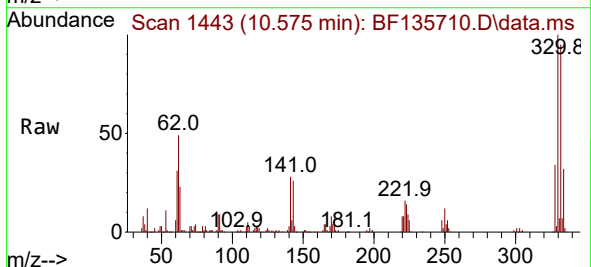
Tgt Ion:248 Resp: 14042

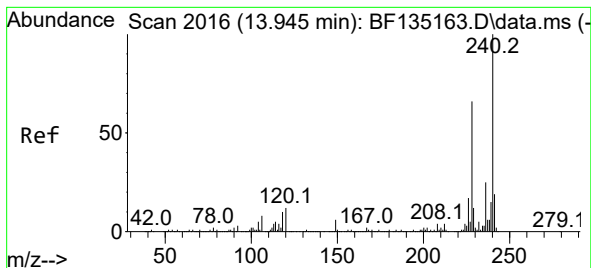
Ion Ratio Lower Upper

248 100

250 194.5 78.6 117.8#

141 472.2 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135710.D

Acq: 11 Oct 2023 13:39

Instrument :

BNA_F

ClientSampleId :

VNJ-241

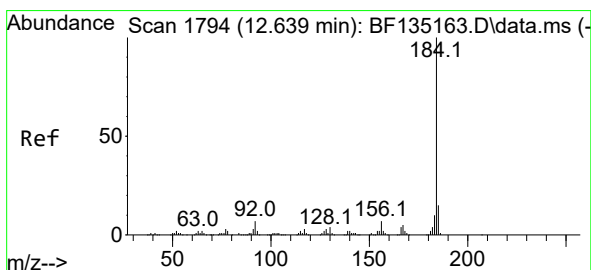
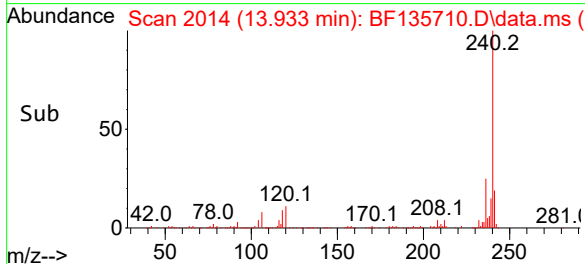
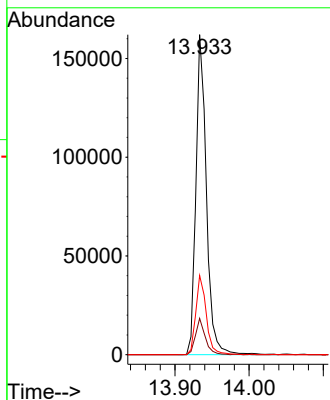
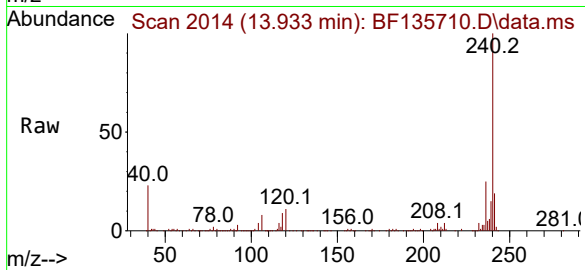
Tgt Ion:240 Resp: 159008

Ion Ratio Lower Upper

240 100

120 11.4 9.4 14.2

236 24.7 19.8 29.8



#77

Benzdine

Concen: 3.342 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.241 min

Lab File: BF135710.D

Acq: 11 Oct 2023 13:39

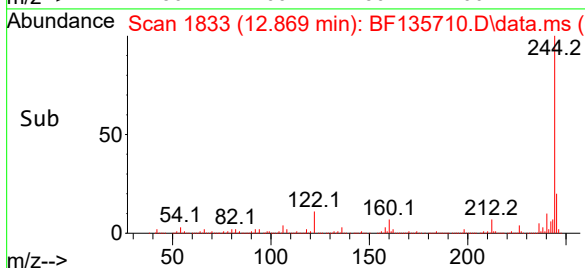
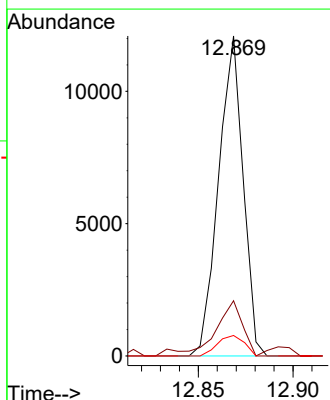
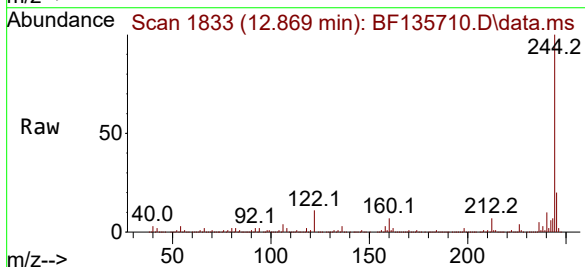
Tgt Ion:184 Resp: 10886

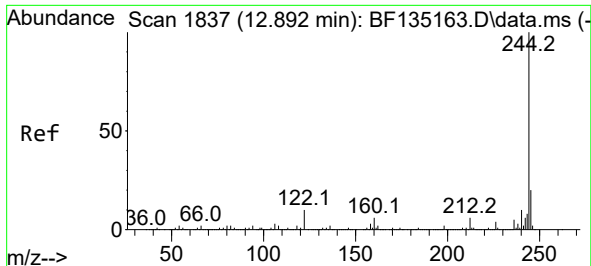
Ion Ratio Lower Upper

184 100

185 17.3 11.7 17.5

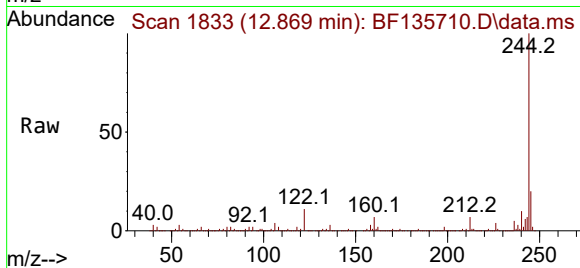
183 6.4 8.2 12.4#



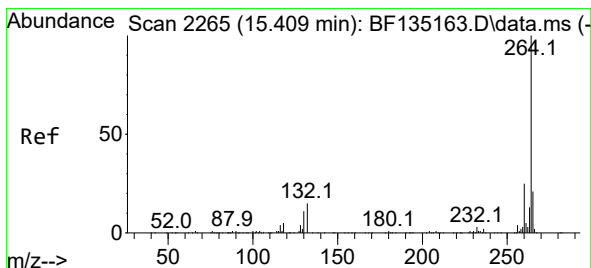
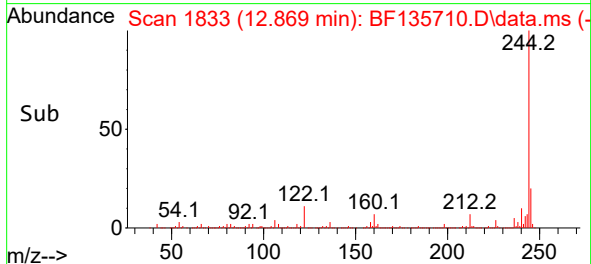
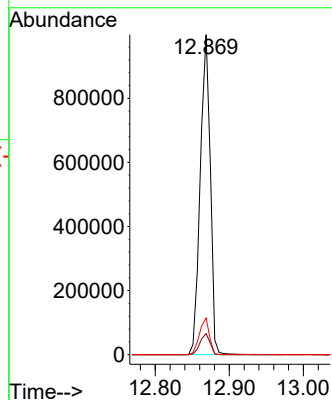


#79
 Terphenyl-d14
 Concen: 91.404 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF135710.D
 Acq: 11 Oct 2023 13:39

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-241



Tgt Ion:244 Resp: 937561
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 11.5 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135710.D
 Acq: 11 Oct 2023 13:39

Tgt Ion:264 Resp: 189451
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.8 29.6
 265 22.3 17.0 25.4

