

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135816.D
 Acq On : 17 Oct 2023 17:20
 Operator : CG\JU
 Sample : PB156288BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156288BL

Quant Time: Oct 18 01:59:29 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)

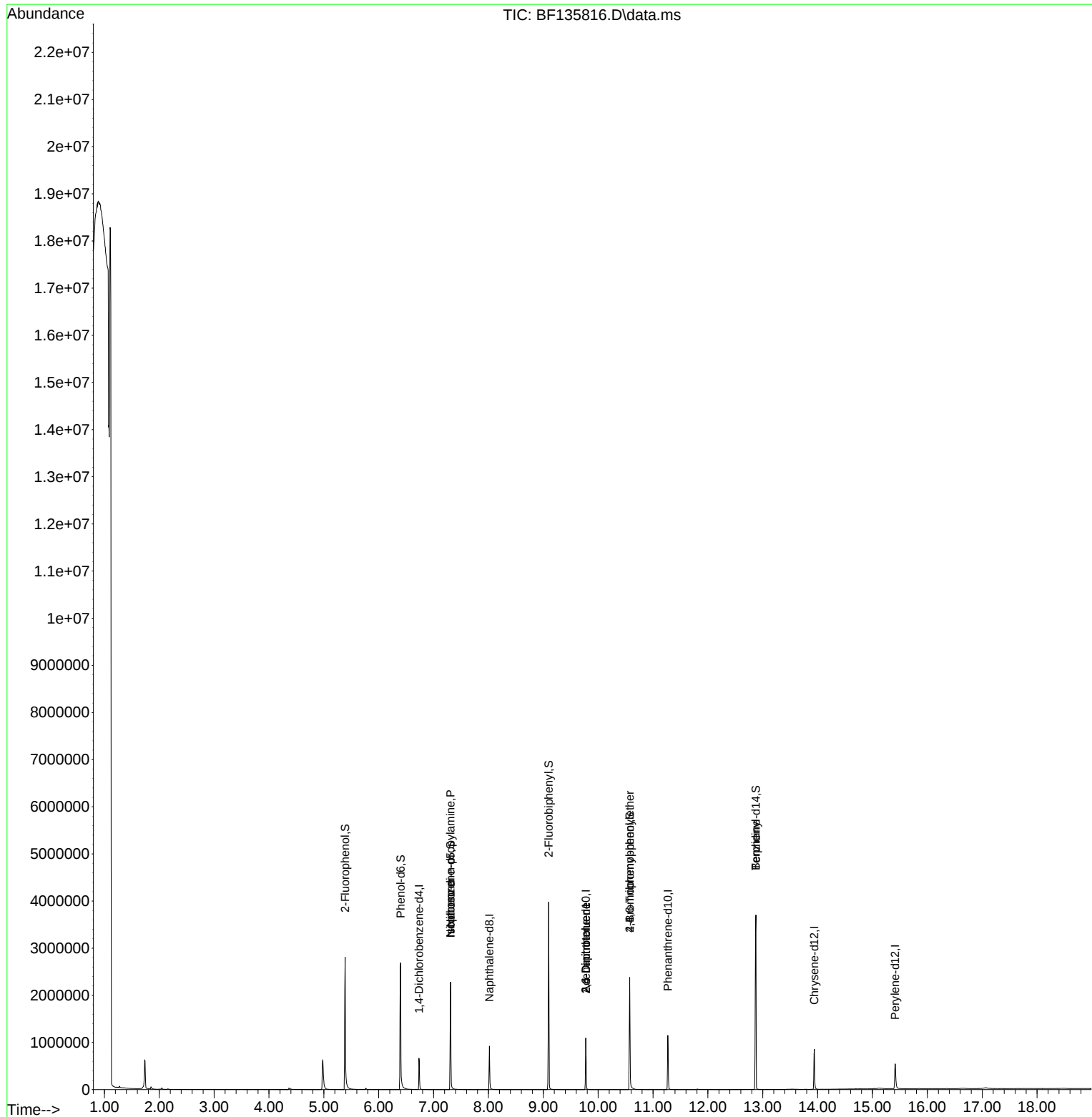
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	102805	20.000	ng	-0.01
21) Naphthalene-d8	8.017	136	404715	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	214760	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	432903	20.000	ng	-0.01
76) Chrysene-d12	13.940	240	322759	20.000	ng	-0.01
86) Perylene-d12	15.410	264	300294	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	808829	126.492	ng	0.01
7) Phenol-d6	6.399	99	1065120	133.501	ng	0.00
23) Nitrobenzene-d5	7.311	82	660438	89.751	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	308433	149.667	ng	-0.01
45) 2-Fluorobiphenyl	9.099	172	1200295	87.385	ng	0.00
79) Terphenyl-d14	12.875	244	1469903	84.339	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.311	70	87479	17.733	ng	# 76
25) Isophorone	7.311	82	660438	47.574	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	27757	8.903	ng	# 16
57) 2,4-Dinitrotoluene	9.775	165	27757	6.998	ng	# 23
67) 4-Bromophenyl-phenylether	10.575	248	18413	4.237	ng	# 1
77) Benzidine	12.875	184	18167	2.579	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
Data File : BF135816.D
Acq On : 17 Oct 2023 17:20
Operator : CG\JU
Sample : PB156288BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB156288BL

Quant Time: Oct 18 01:59:29 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

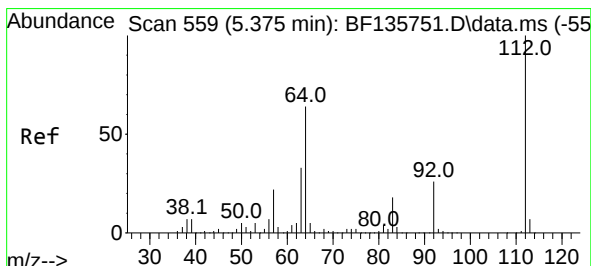
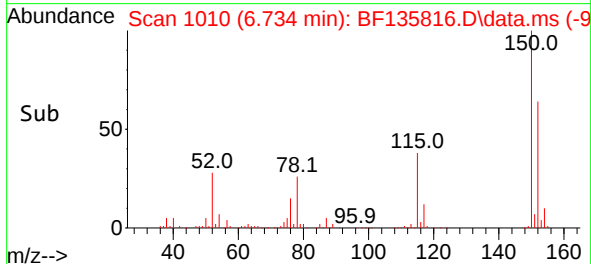
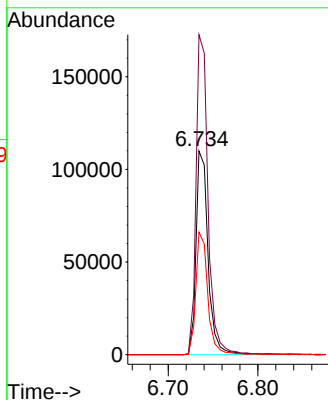
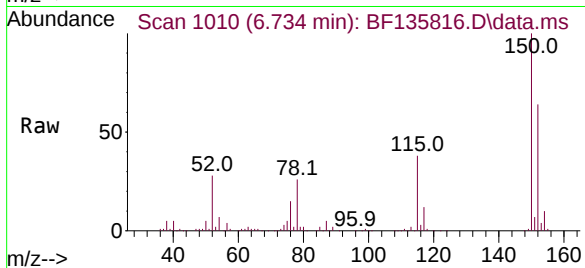




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF135816.D
Acq: 17 Oct 2023 17:20

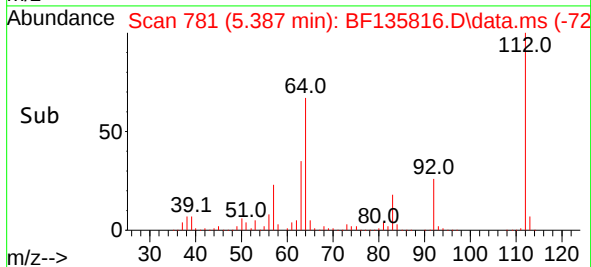
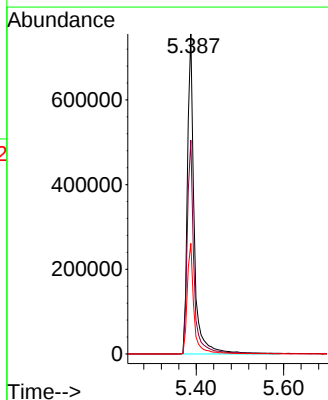
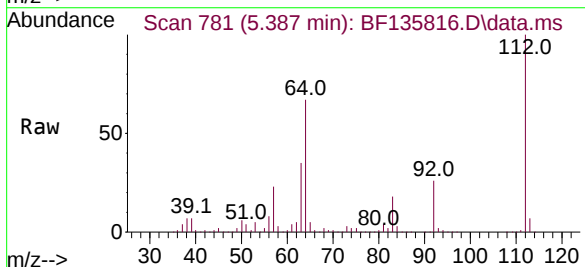
Instrument :
BNA_F
ClientSampleId :
PB156288BL

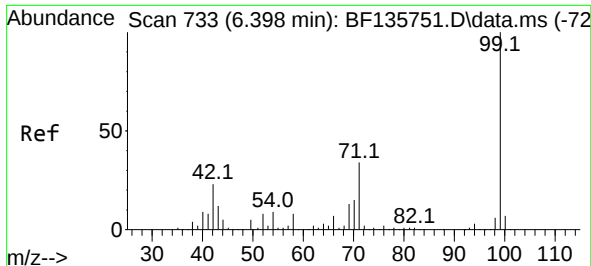
Tgt Ion:152 Resp: 102805
Ion Ratio Lower Upper
152 100
150 157.1 124.5 186.7
115 60.2 49.0 73.4



#5
2-Fluorophenol
Concen: 126.492 ng
RT: 5.387 min Scan# 781
Delta R.T. 0.012 min
Lab File: BF135816.D
Acq: 17 Oct 2023 17:20

Tgt Ion:112 Resp: 808829
Ion Ratio Lower Upper
112 100
64 66.8 51.2 76.8
63 34.6 26.1 39.1

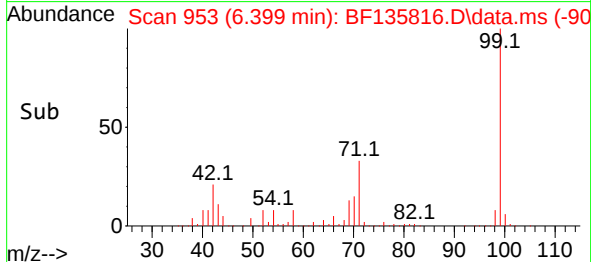
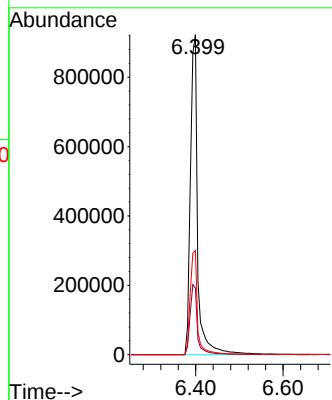
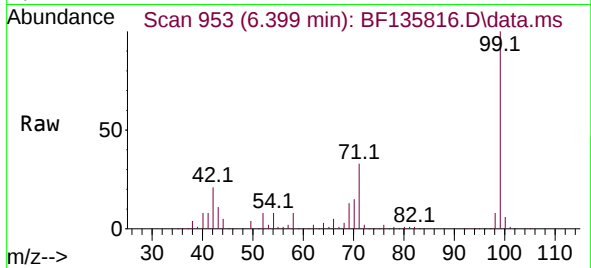




#7
Phenol-d6
Concen: 133.501 ng
RT: 6.399 min Scan# 91
Delta R.T. 0.001 min
Lab File: BF135816.D
Acq: 17 Oct 2023 17:20

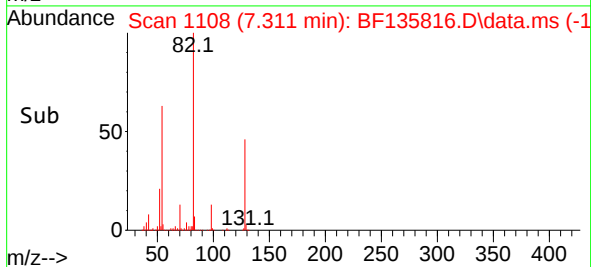
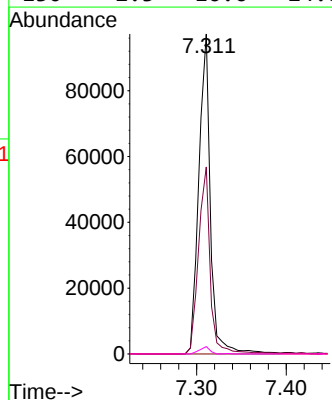
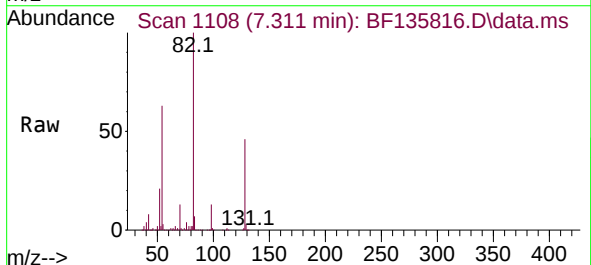
Instrument :
BNA_F
ClientSampleId :
PB156288BL

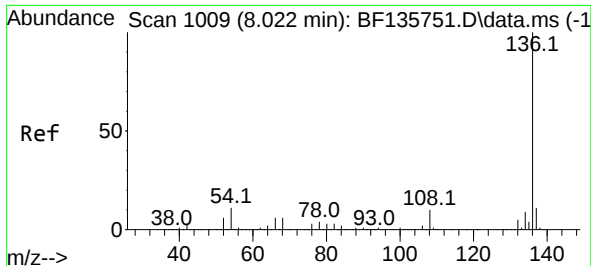
Tgt Ion: 99 Resp: 1065120
Ion Ratio Lower Upper
99 100
42 20.8 18.4 27.6
71 32.5 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.733 ng
RT: 7.311 min Scan# 1108
Delta R.T. 0.148 min
Lab File: BF135816.D
Acq: 17 Oct 2023 17:20

Tgt Ion: 70 Resp: 87479
Ion Ratio Lower Upper
70 100
42 58.4 59.8 89.6#
101 0.0 7.4 11.2#
130 2.3 16.6 24.8#

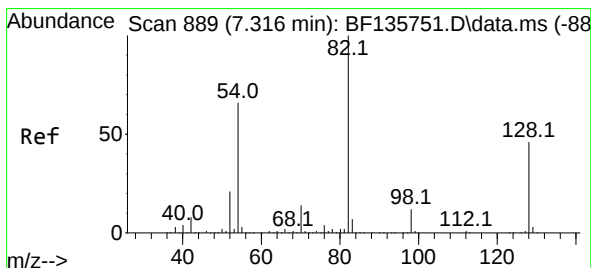
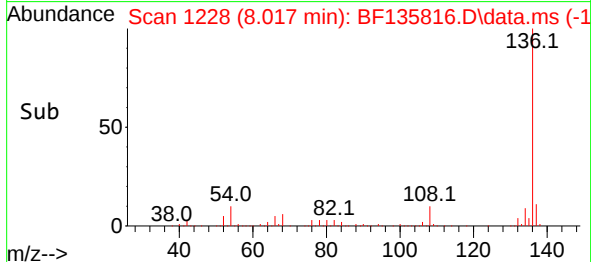
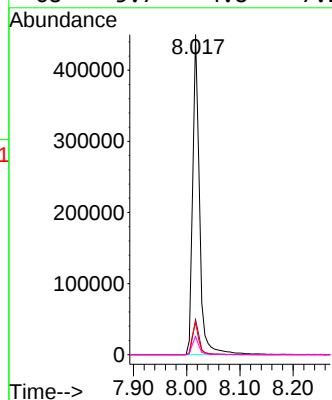
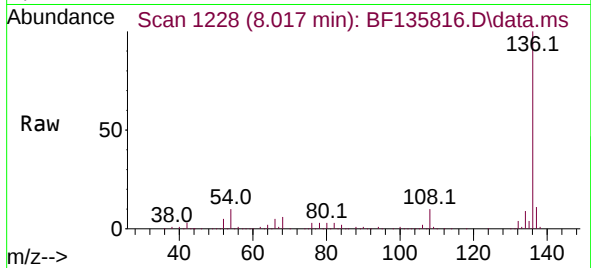




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.017 min Scan# 1108
Delta R.T. -0.005 min
Lab File: BF135816.D
Acq: 17 Oct 2023 17:20

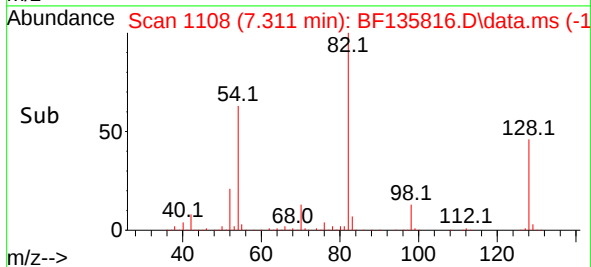
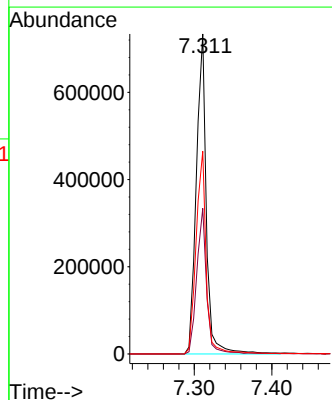
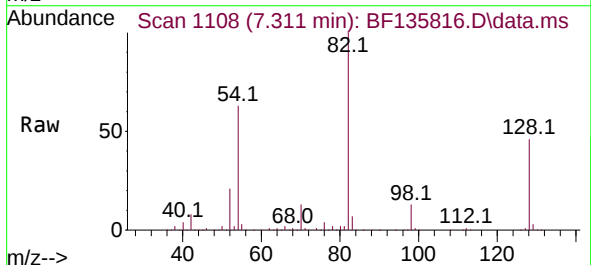
Instrument :
BNA_F
ClientSampleId :
PB156288BL

Tgt Ion:136 Resp: 404715
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.0 8.5 12.7
68 5.7 4.8 7.2



#23
Nitrobenzene-d5
Concen: 89.751 ng
RT: 7.311 min Scan# 1108
Delta R.T. -0.005 min
Lab File: BF135816.D
Acq: 17 Oct 2023 17:20

Tgt Ion: 82 Resp: 660438
Ion Ratio Lower Upper
82 100
128 45.5 37.0 55.6
54 63.3 52.8 79.2

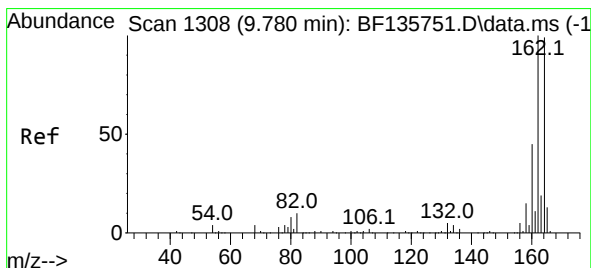
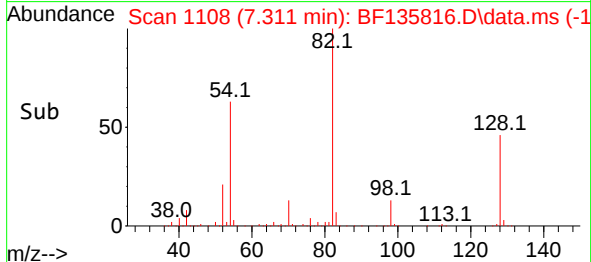
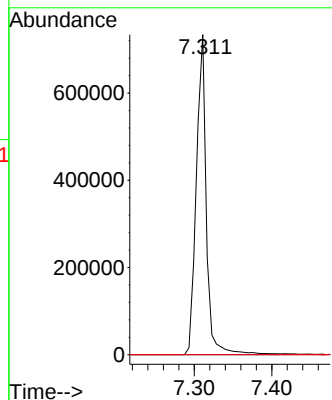
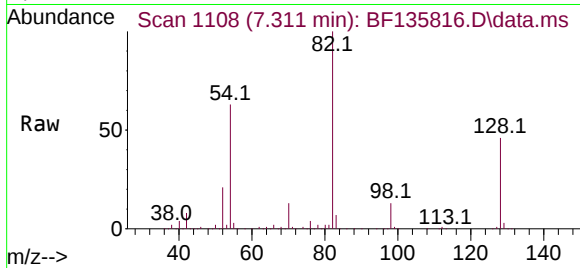




#25
Isophorone
Concen: 47.574 ng
RT: 7.311 min Scan# 1108
Delta R.T. -0.258 min
Lab File: BF135816.D
Acq: 17 Oct 2023 17:20

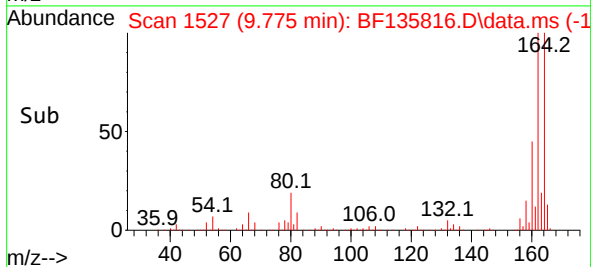
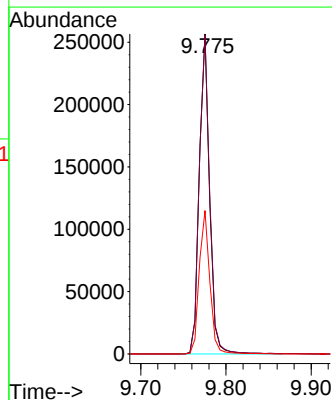
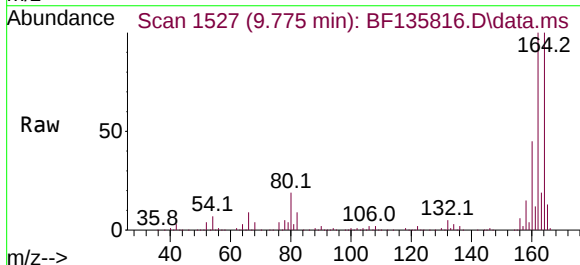
Instrument :
BNA_F
ClientSampleId :
PB156288BL

Tgt Ion: 82 Resp: 660438
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# 1527
Delta R.T. -0.011 min
Lab File: BF135816.D
Acq: 17 Oct 2023 17:20

Tgt Ion: 164 Resp: 214760
Ion Ratio Lower Upper
164 100
162 99.8 80.8 121.2
160 44.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 149.667 ng

RT: 10.575 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF135816.D

Acq: 17 Oct 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB156288BL

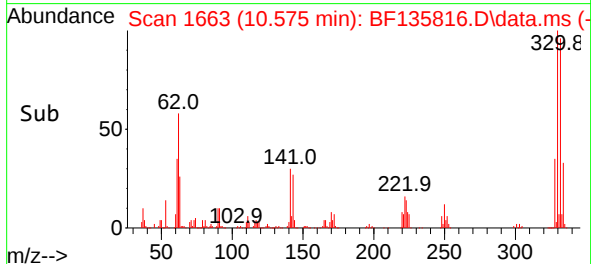
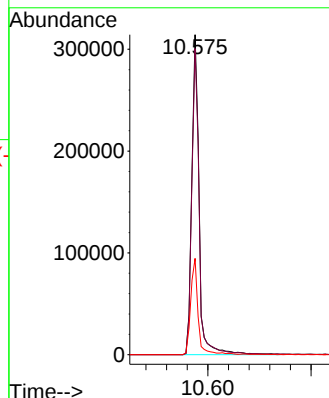
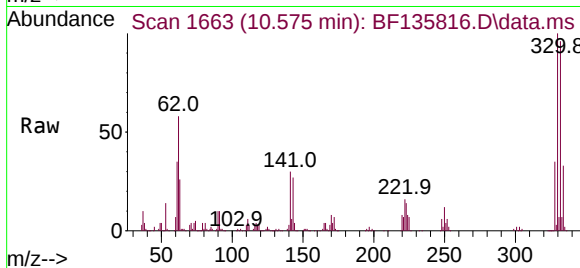
Tgt Ion:330 Resp: 308433

Ion Ratio Lower Upper

330 100

332 95.8 75.0 112.4

141 30.3 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 87.385 ng

RT: 9.099 min Scan# 1412

Delta R.T. -0.005 min

Lab File: BF135816.D

Acq: 17 Oct 2023 17:20

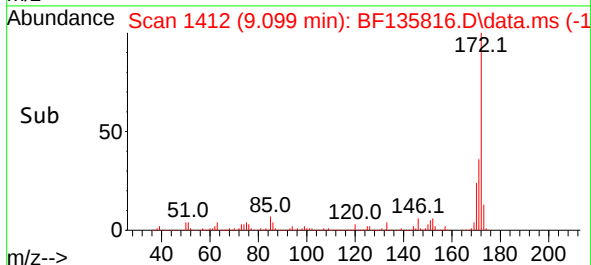
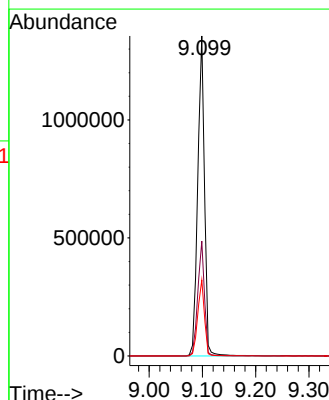
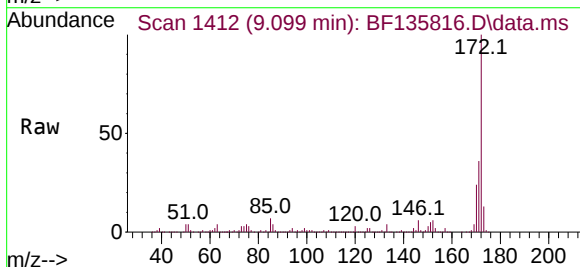
Tgt Ion:172 Resp: 1200295

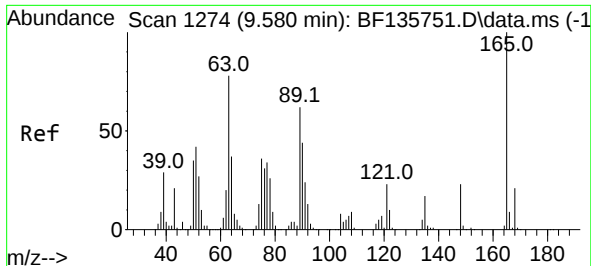
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.8 18.8 28.2

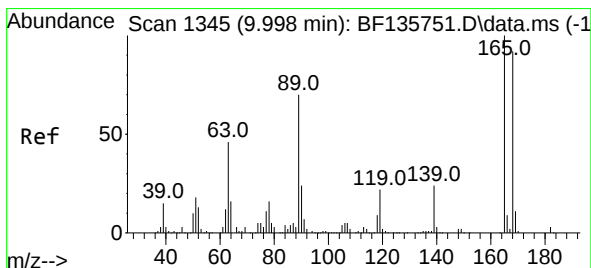
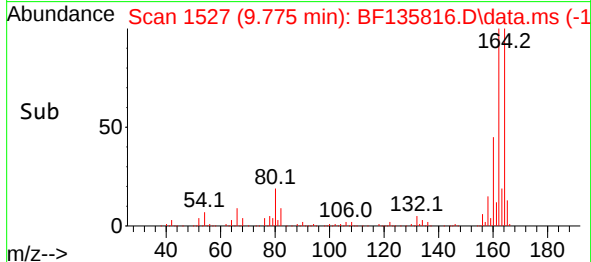
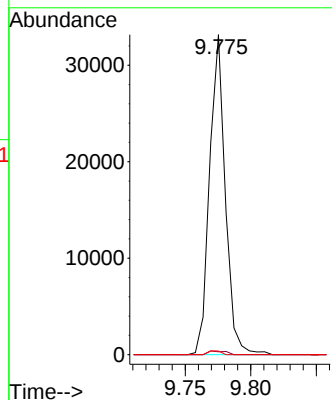
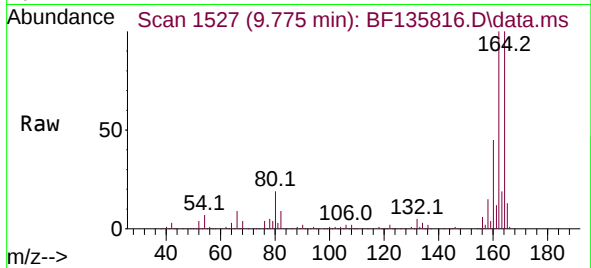




#51
2,6-Dinitrotoluene
Concen: 8.903 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.189 min
Lab File: BF135816.D
Acq: 17 Oct 2023 17:20

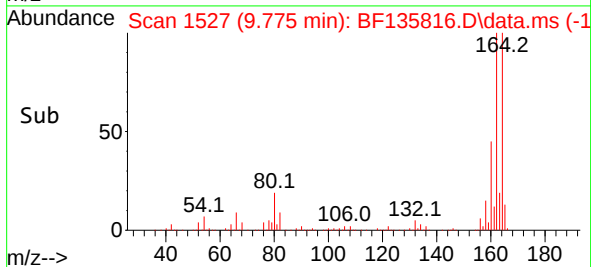
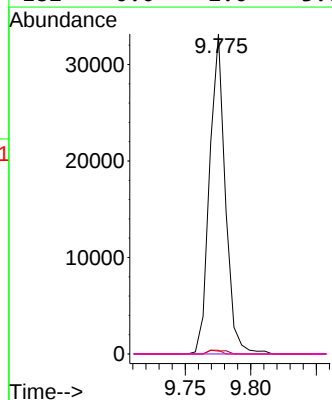
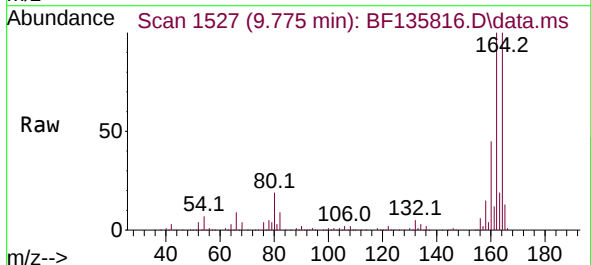
Instrument :
BNA_F
ClientSampleId :
PB156288BL

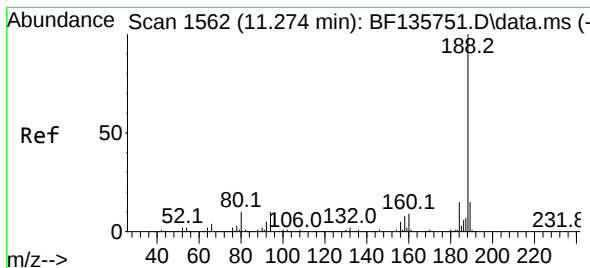
Tgt Ion:165 Resp: 27757
Ion Ratio Lower Upper
165 100
63 0.9 62.2 93.4#
89 1.2 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 6.998 ng
RT: 9.775 min Scan# 1527
Delta R.T. -0.229 min
Lab File: BF135816.D
Acq: 17 Oct 2023 17:20

Tgt Ion:165 Resp: 27757
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. -0.011 min

Lab File: BF135816.D

Acq: 17 Oct 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB156288BL

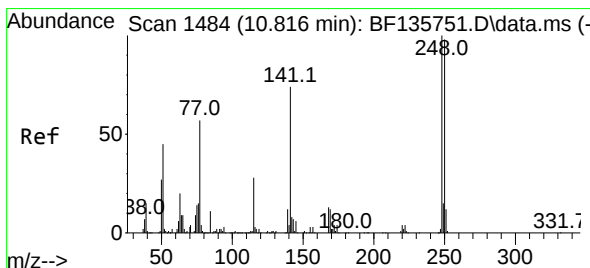
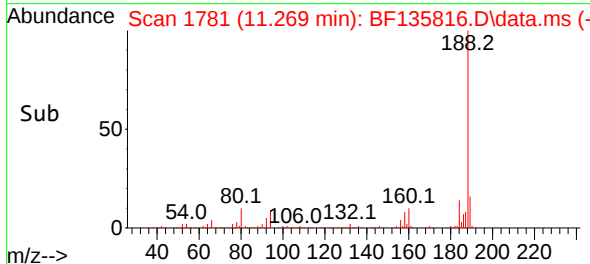
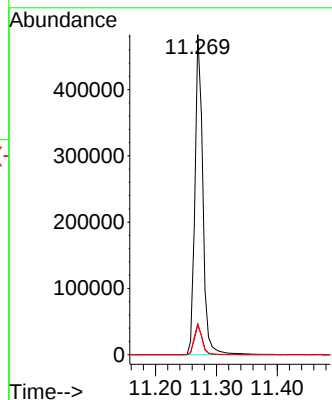
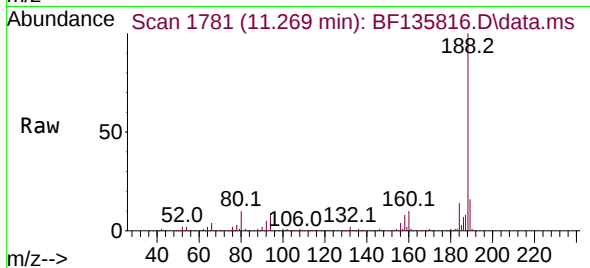
Tgt Ion:188 Resp: 432903

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

80 9.7 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.237 ng

RT: 10.575 min Scan# 1663

Delta R.T. -0.246 min

Lab File: BF135816.D

Acq: 17 Oct 2023 17:20

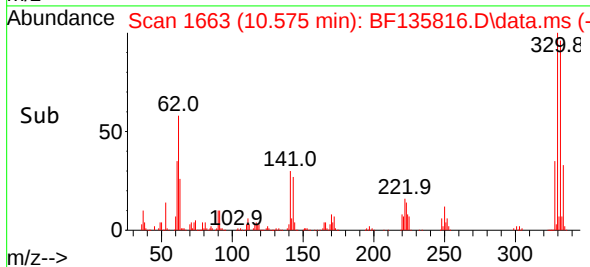
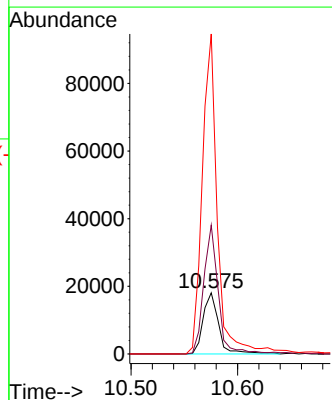
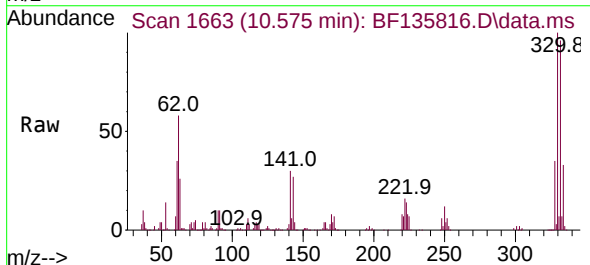
Tgt Ion:248 Resp: 18413

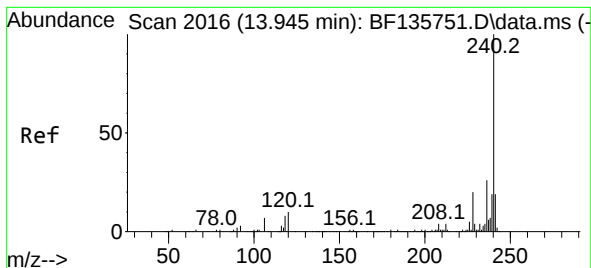
Ion Ratio Lower Upper

248 100

250 210.5 78.0 117.0#

141 523.1 59.0 88.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.940 min Scan# 2016

Delta R.T. -0.011 min

Lab File: BF135816.D

Acq: 17 Oct 2023 17:20

Instrument :

BNA_F

ClientSampleId :

PB156288BL

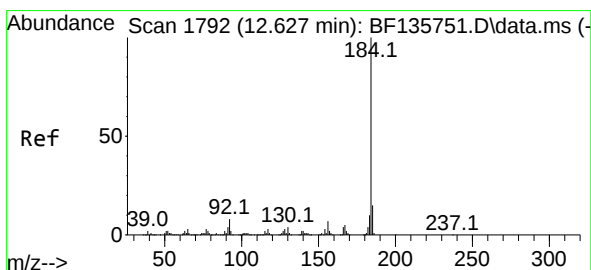
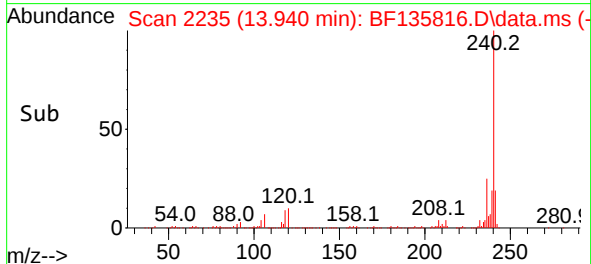
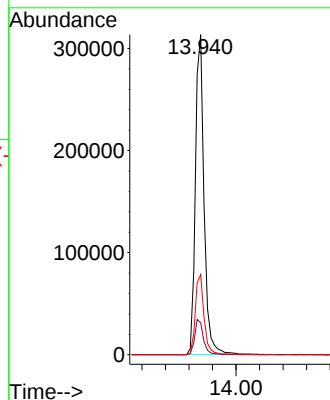
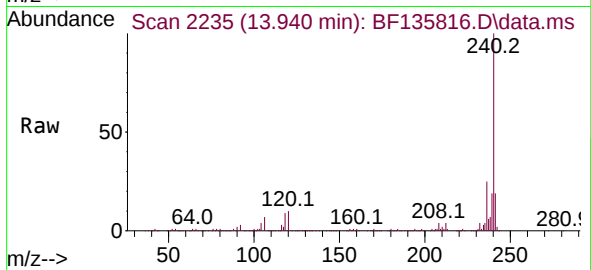
Tgt Ion:240 Resp: 322759

Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.2

236 25.0 21.2 31.8



#77

Benzidine

Concen: 2.579 ng

RT: 12.875 min Scan# 2054

Delta R.T. 0.242 min

Lab File: BF135816.D

Acq: 17 Oct 2023 17:20

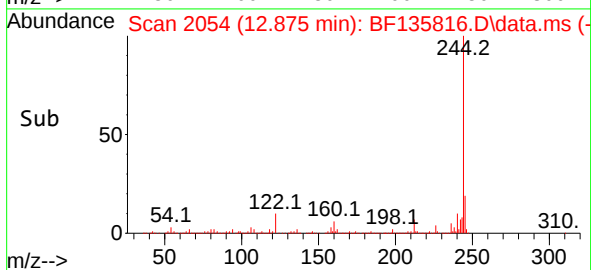
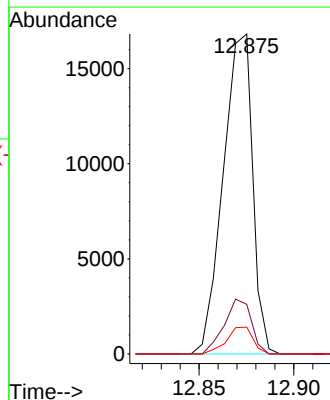
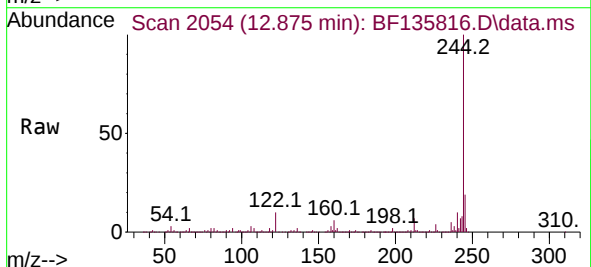
Tgt Ion:184 Resp: 18167

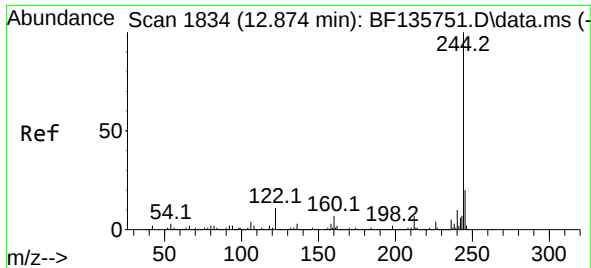
Ion Ratio Lower Upper

184 100

185 15.5 12.0 18.0

183 8.4 8.2 12.2

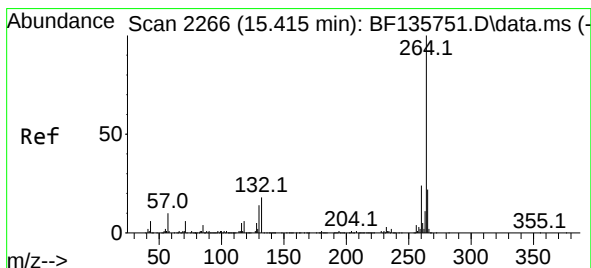
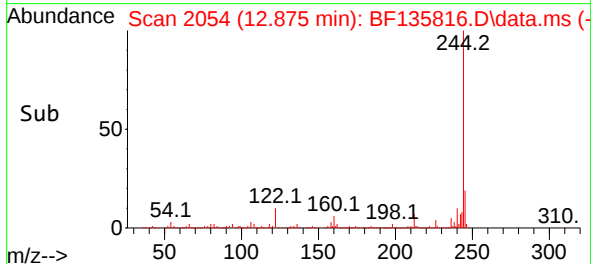
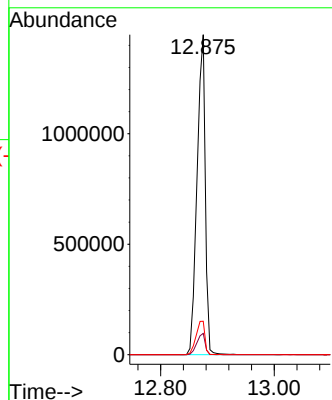
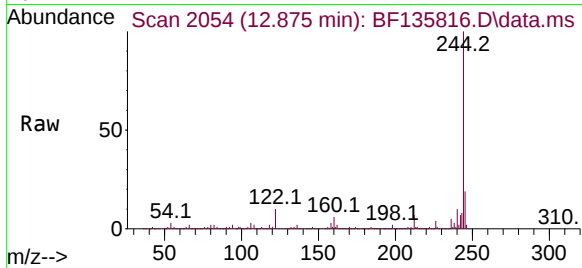




#79
 Terphenyl-d14
 Concen: 84.339 ng
 RT: 12.875 min Scan# 2054
 Delta R.T. -0.005 min
 Lab File: BF135816.D
 Acq: 17 Oct 2023 17:20

Instrument :
 BNA_F
 ClientSampleId :
 PB156288BL

Tgt Ion:244 Resp: 1469903
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.5 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2485
 Delta R.T. -0.011 min
 Lab File: BF135816.D
 Acq: 17 Oct 2023 17:20

Tgt Ion:264 Resp: 300294
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 22.4 17.4 26.2

