

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135584.D
 Acq On : 04 Oct 2023 22:51
 Operator : CG\JU
 Sample : 04703-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E9066-OB-002

Quant Time: Oct 04 23:29:23 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 04 17:06:20 2023
 Response via : Initial Calibration

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

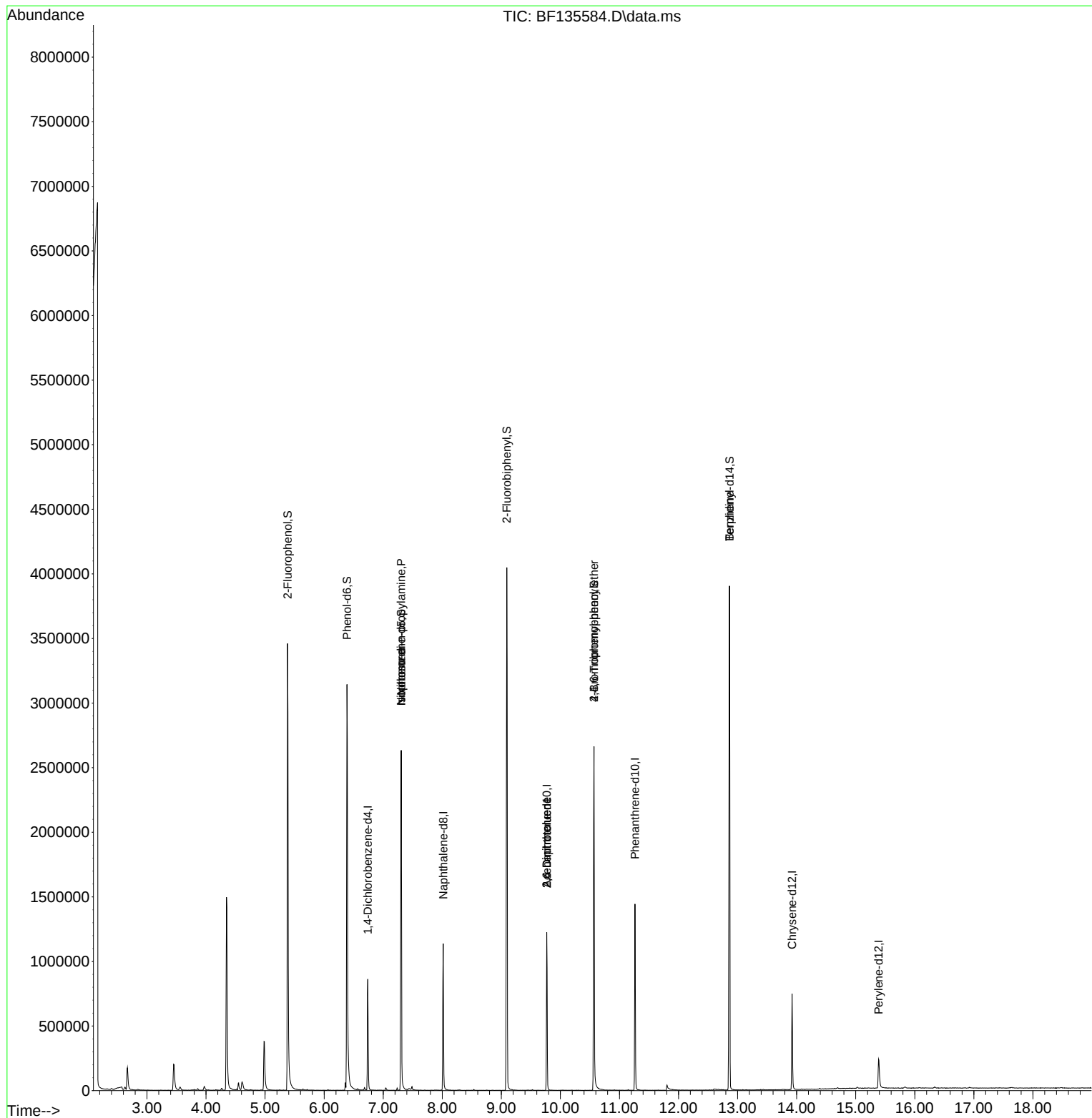
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	131012	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	508647	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	233913	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	503685	20.000	ng	# 0.00
76) Chrysene-d12	13.922	240	246157	20.000	ng	0.00
86) Perylene-d12	15.386	264	86167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1029412	127.796	ng	0.01
7) Phenol-d6	6.387	99	1189511	116.134	ng	0.00
23) Nitrobenzene-d5	7.304	82	849164	90.701	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	333483	143.463	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1475231	95.151	ng	0.00
79) Terphenyl-d14	12.863	244	1541240	97.061	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	112173	17.681	ng	# 80
25) Isophorone	7.304	82	849157	49.394	ng	# 65
51) 2,6-Dinitrotoluene	9.769	165	29763	8.591	ng	# 17
57) 2,4-Dinitrotoluene	9.769	165	29763	6.862	ng	# 18
67) 4-Bromophenyl-phenylether	10.569	248	20372	4.067	ng	# 1
77) Benzidine	12.863	184	19695	3.905	ng	# 93

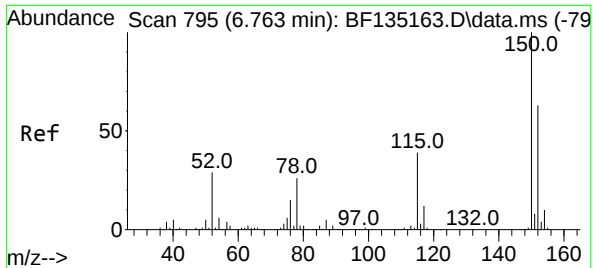
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
Data File : BF135584.D
Acq On : 04 Oct 2023 22:51
Operator : CG\JU
Sample : 04703-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E9066-OB-002

Quant Time: Oct 04 23:29:23 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 04 17:06:20 2023
Response via : Initial Calibration

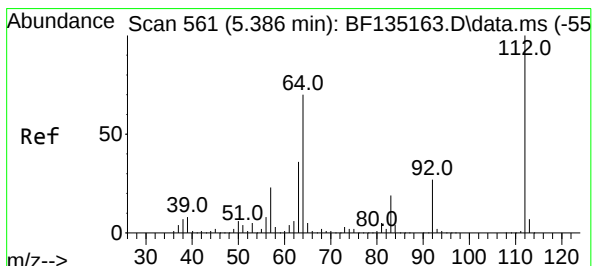
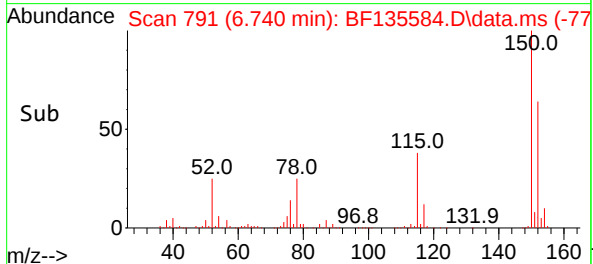
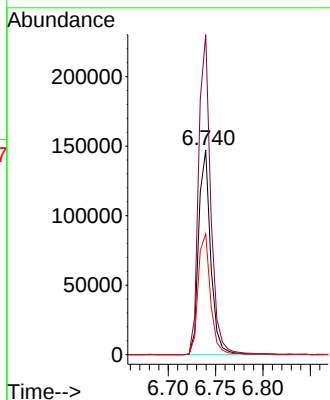
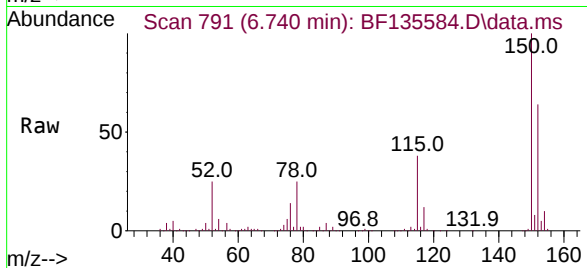




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135584.D
Acq: 04 Oct 2023 22:51

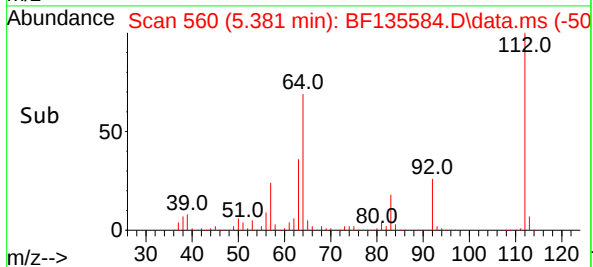
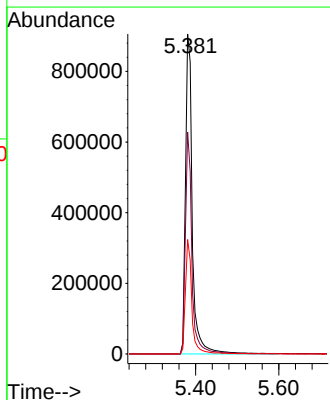
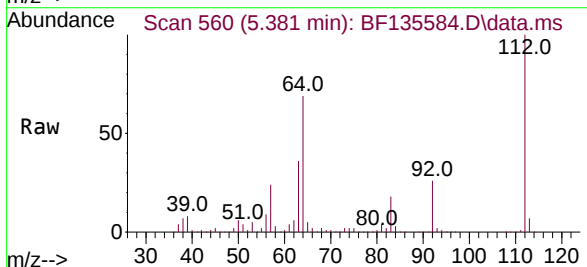
Instrument :
BNA_F
ClientSampleId :
E9066-OB-002

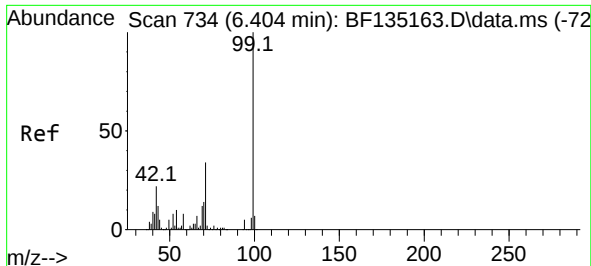
Tgt Ion:152 Resp: 131012
Ion Ratio Lower Upper
152 100
150 156.3 127.8 191.6
115 59.0 49.8 74.8



#5
2-Fluorophenol
Concen: 127.796 ng
RT: 5.381 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF135584.D
Acq: 04 Oct 2023 22:51

Tgt Ion:112 Resp: 1029412
Ion Ratio Lower Upper
112 100
64 69.3 55.9 83.9
63 35.8 29.0 43.6

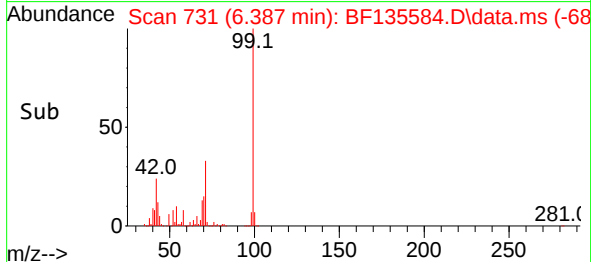
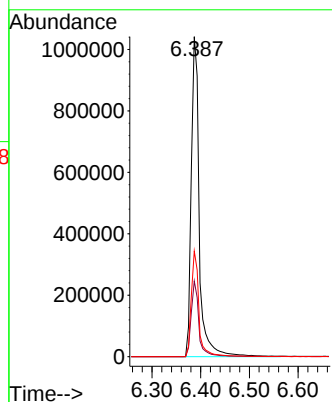
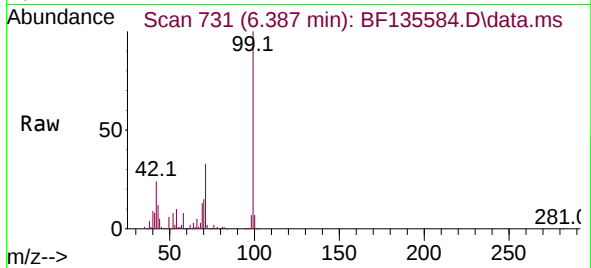




#7
Phenol-d6
Concen: 116.134 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135584.D
Acq: 04 Oct 2023 22:51

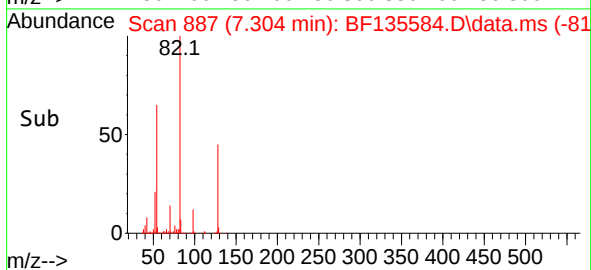
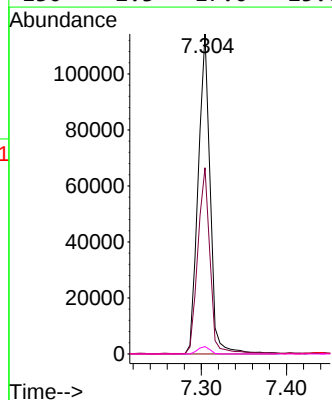
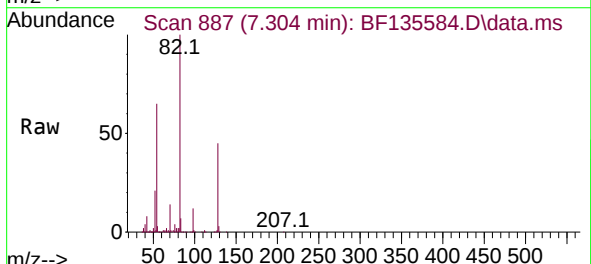
Instrument :
BNA_F
ClientSampleId :
E9066-OB-002

Tgt Ion: 99 Resp: 1189511
Ion Ratio Lower Upper
99 100
42 23.7 17.9 26.9
71 33.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.681 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135584.D
Acq: 04 Oct 2023 22:51

Tgt Ion: 70 Resp: 112173
Ion Ratio Lower Upper
70 100
42 58.2 55.4 83.0
101 0.0 7.7 11.5#
130 2.3 17.0 25.6#

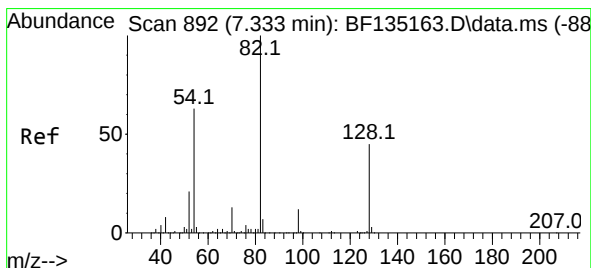
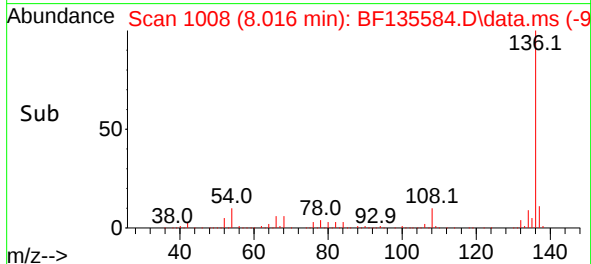
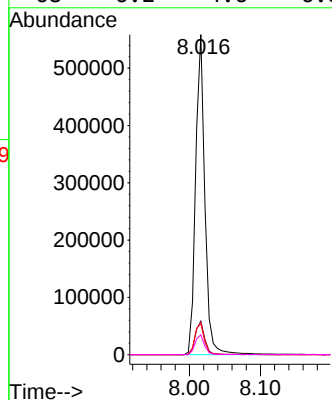
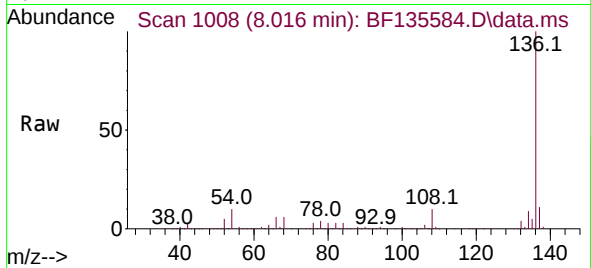




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135584.D
Acq: 04 Oct 2023 22:51

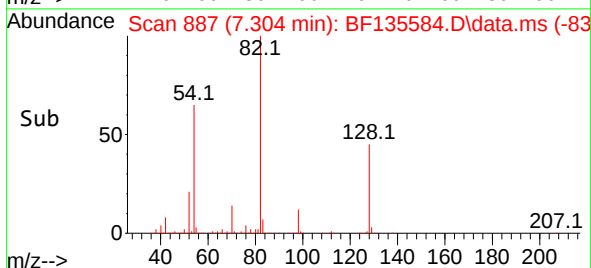
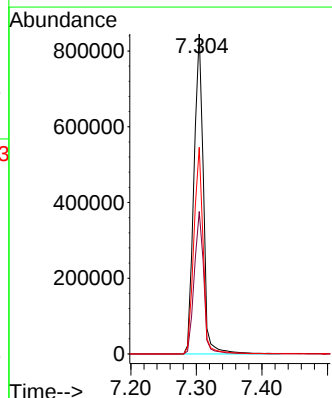
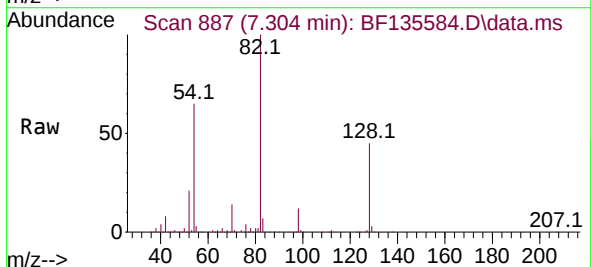
Instrument :
BNA_F
ClientSampleId :
E9066-OB-002

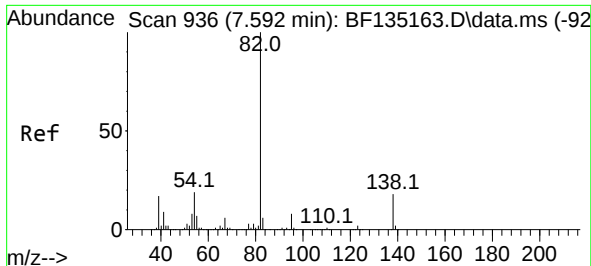
Tgt Ion:136 Resp: 508647
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 9.6 7.7 11.5
68 6.2 4.6 6.8



#23
Nitrobenzene-d5
Concen: 90.701 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135584.D
Acq: 04 Oct 2023 22:51

Tgt Ion: 82 Resp: 849164
Ion Ratio Lower Upper
82 100
128 44.5 35.8 53.6
54 64.6 50.6 76.0

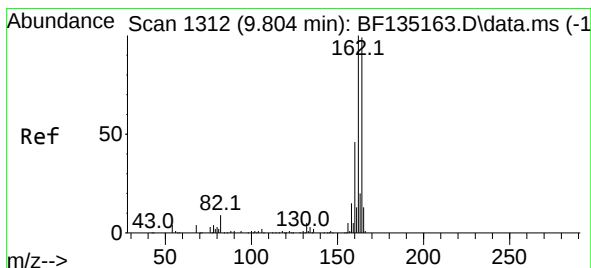
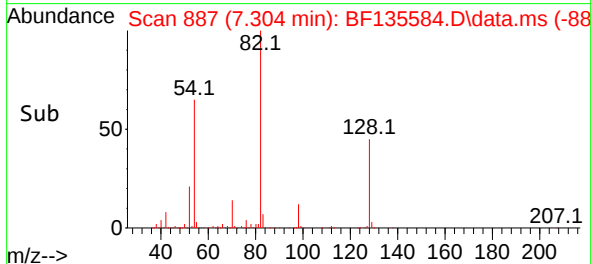
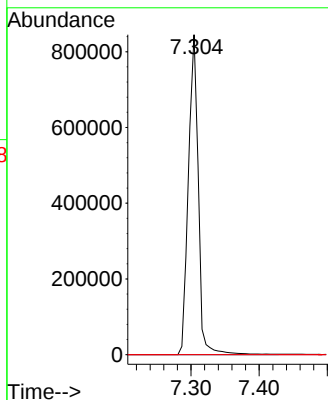
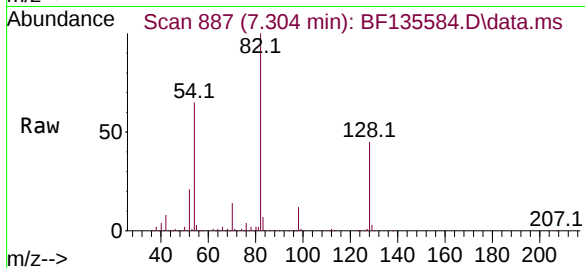




#25
Isophorone
Concen: 49.394 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135584.D
Acq: 04 Oct 2023 22:51

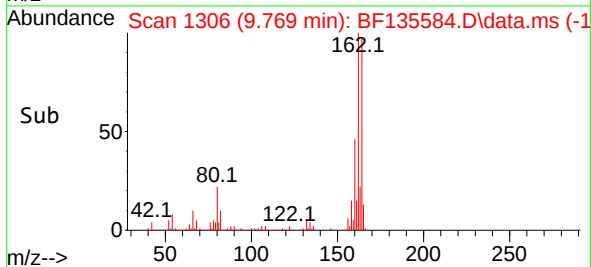
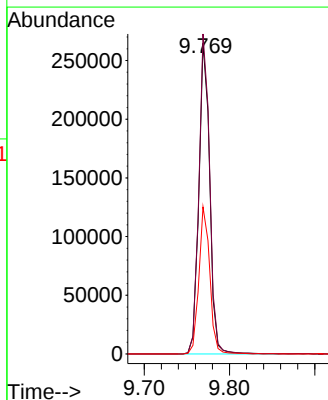
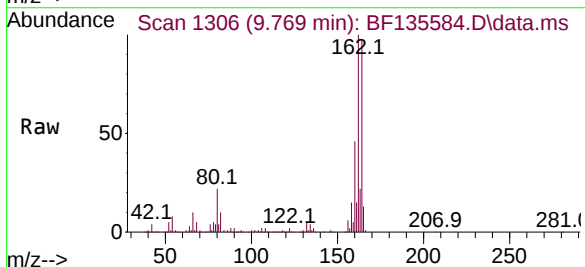
Instrument :
BNA_F
ClientSampleId :
E9066-OB-002

Tgt Ion: 82 Resp: 849157
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: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF135584.D
Acq: 04 Oct 2023 22:51

Tgt Ion: 164 Resp: 233913
Ion Ratio Lower Upper
164 100
162 103.0 81.0 121.4
160 47.3 37.0 55.4

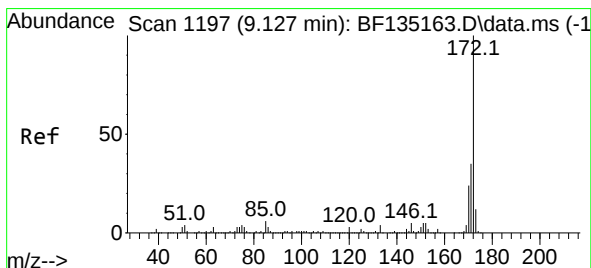
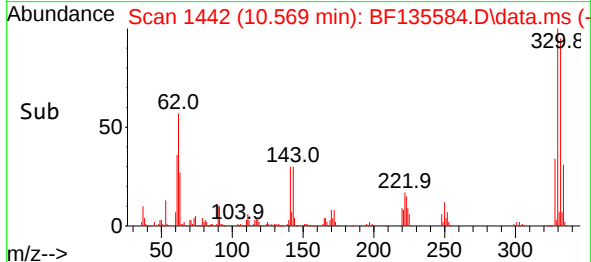
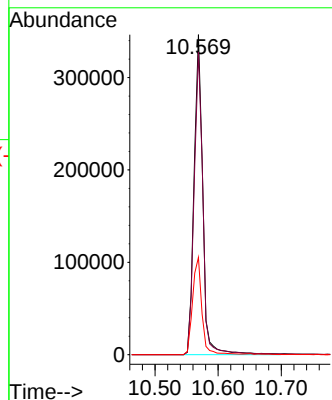
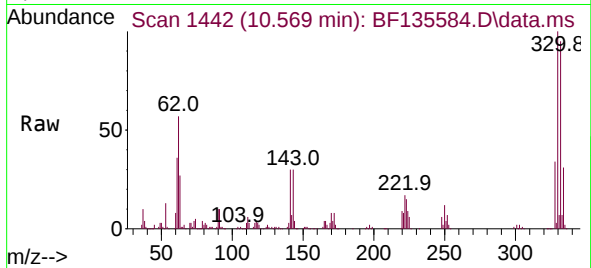




#42
2,4,6-Tribromophenol
Concen: 143.463 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF135584.D
Acq: 04 Oct 2023 22:51

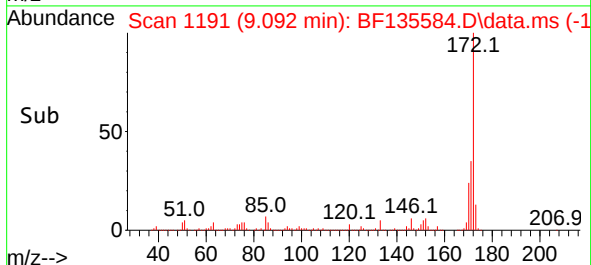
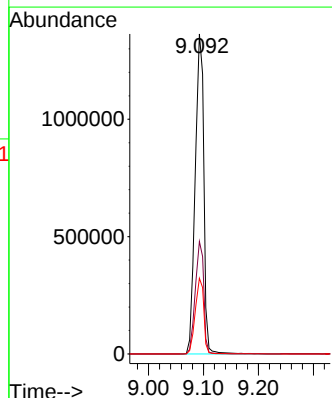
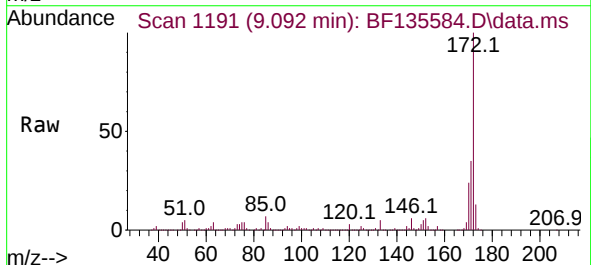
Instrument :
BNA_F
ClientSampleId :
E9066-OB-002

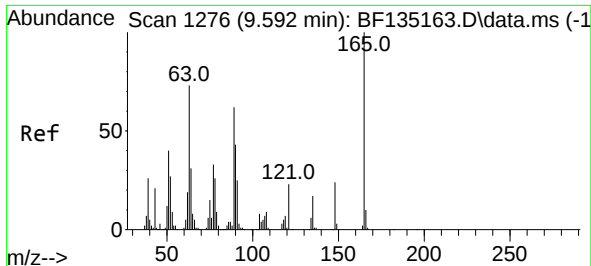
Tgt Ion:330 Resp: 333483
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 32.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 95.151 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF135584.D
Acq: 04 Oct 2023 22:51

Tgt Ion:172 Resp: 1475231
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.6 19.0 28.4

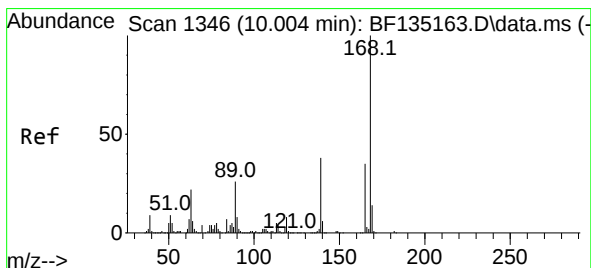
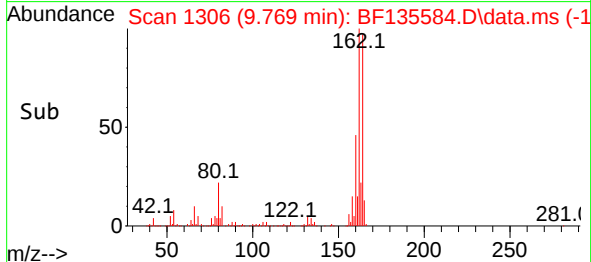
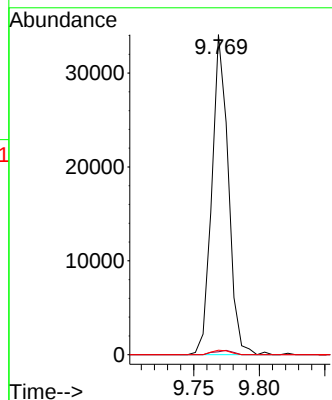
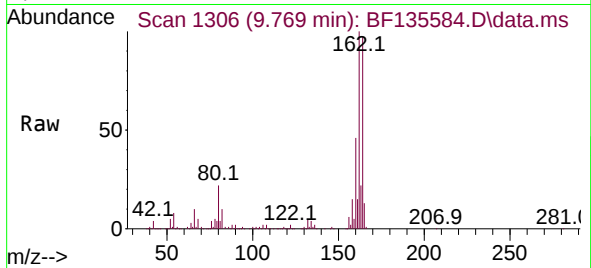




#51
2,6-Dinitrotoluene
Concen: 8.591 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.194 min
Lab File: BF135584.D
Acq: 04 Oct 2023 22:51

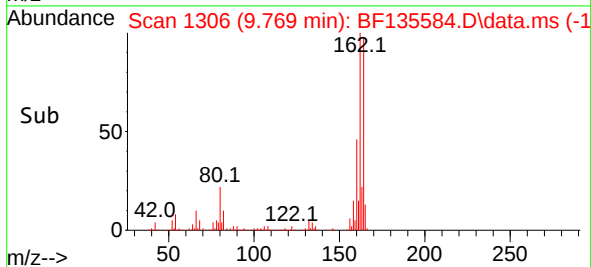
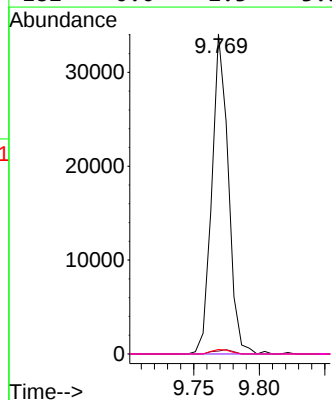
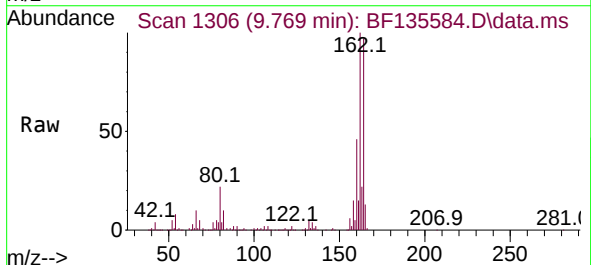
Instrument :
BNA_F
ClientSampleId :
E9066-OB-002

Tgt Ion:165 Resp: 29763
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 1.4 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.862 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.217 min
Lab File: BF135584.D
Acq: 04 Oct 2023 22:51

Tgt Ion:165 Resp: 29763
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.4 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135584.D

Acq: 04 Oct 2023 22:51

Instrument :

BNA_F

ClientSampleId :

E9066-OB-002

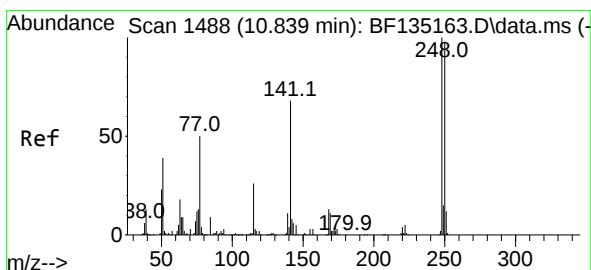
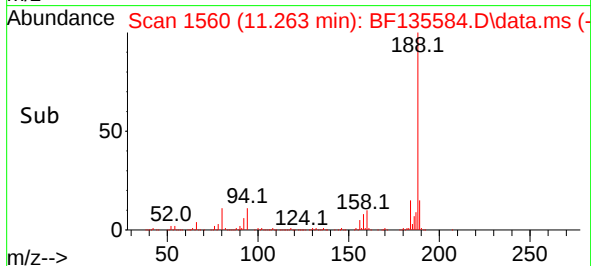
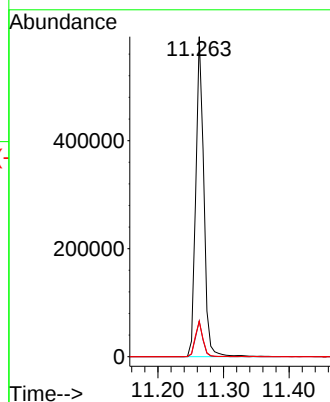
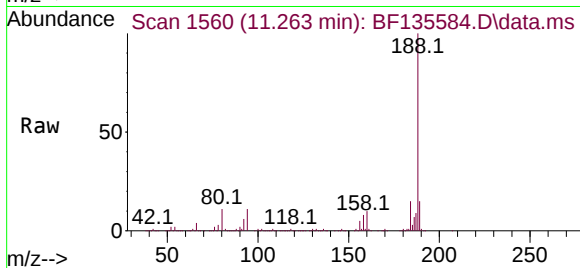
Tgt Ion:188 Resp: 503685

Ion Ratio Lower Upper

188 100

94 11.1 7.0 10.6#

80 11.0 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.067 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.241 min

Lab File: BF135584.D

Acq: 04 Oct 2023 22:51

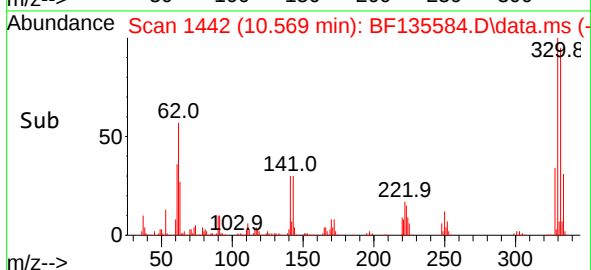
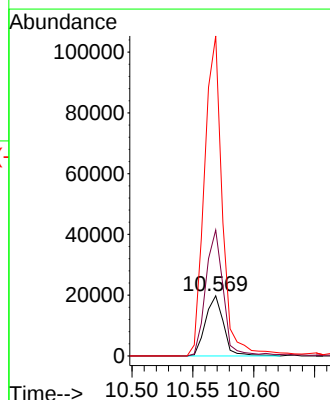
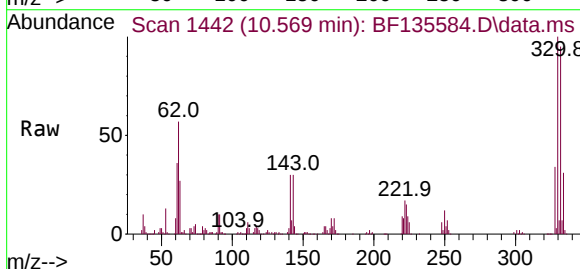
Tgt Ion:248 Resp: 20372

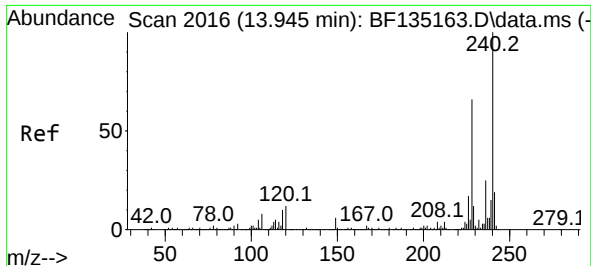
Ion Ratio Lower Upper

248 100

250 209.5 78.6 117.8#

141 532.1 54.2 81.2#

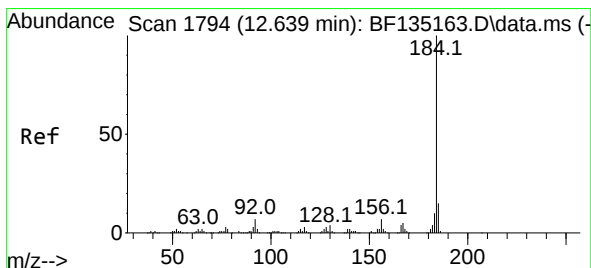
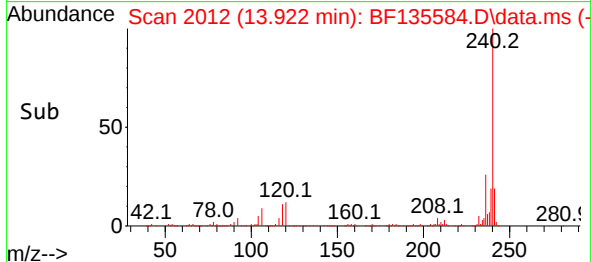
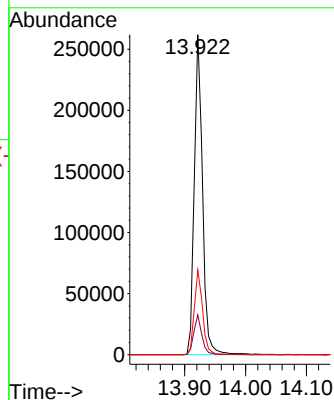
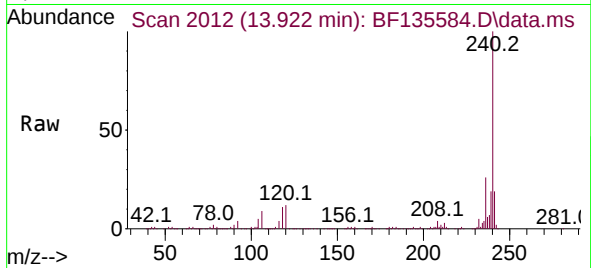




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.922 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135584.D
Acq: 04 Oct 2023 22:51

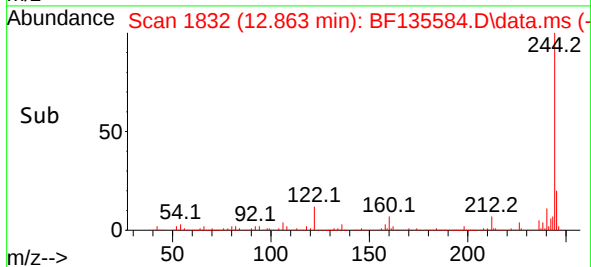
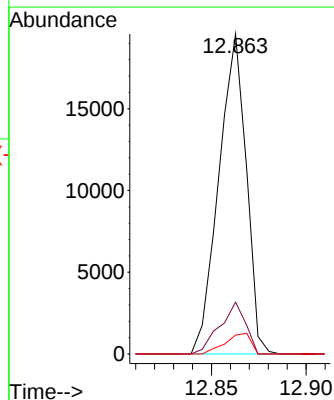
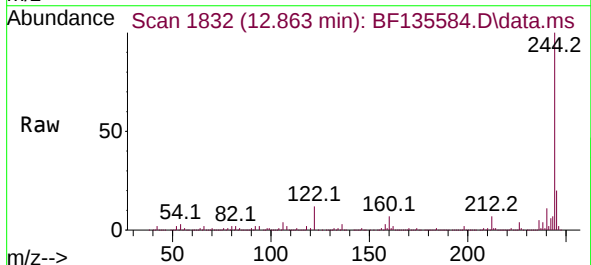
Instrument :
BNA_F
ClientSampleId :
E9066-OB-002

Tgt Ion:240 Resp: 246157
Ion Ratio Lower Upper
240 100
120 12.5 9.4 14.2
236 26.5 19.8 29.8



#77
Benzidine
Concen: 3.905 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF135584.D
Acq: 04 Oct 2023 22:51

Tgt Ion:184 Resp: 19695
Ion Ratio Lower Upper
184 100
185 16.2 11.7 17.5
183 5.9 8.2 12.4#

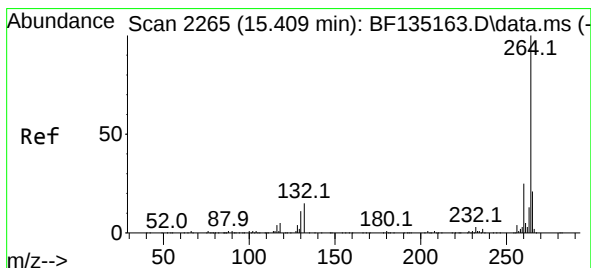
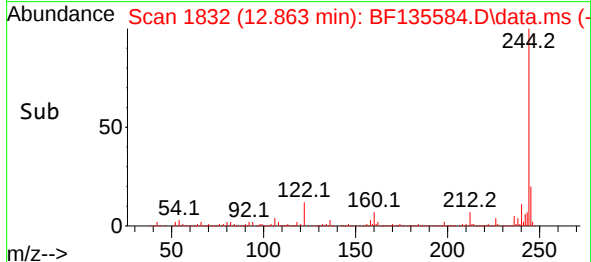
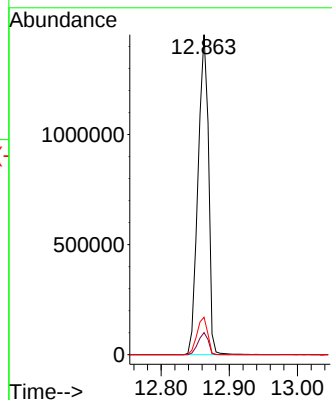
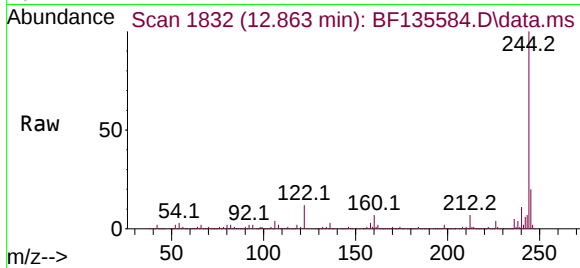




#79
 Terphenyl-d14
 Concen: 97.061 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135584.D
 Acq: 04 Oct 2023 22:51

Instrument :
 BNA_F
 ClientSampleId :
 E9066-OB-002

Tgt Ion:244 Resp: 1541240
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.7 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. 0.000 min
 Lab File: BF135584.D
 Acq: 04 Oct 2023 22:51

Tgt Ion:264 Resp: 86167
 Ion Ratio Lower Upper
 264 100
 260 27.7 19.8 29.6
 265 21.9 17.0 25.4

