

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135484.D
 Acq On : 27 Sep 2023 21:08
 Operator : CG\JU
 Sample : 04597-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 01:54:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

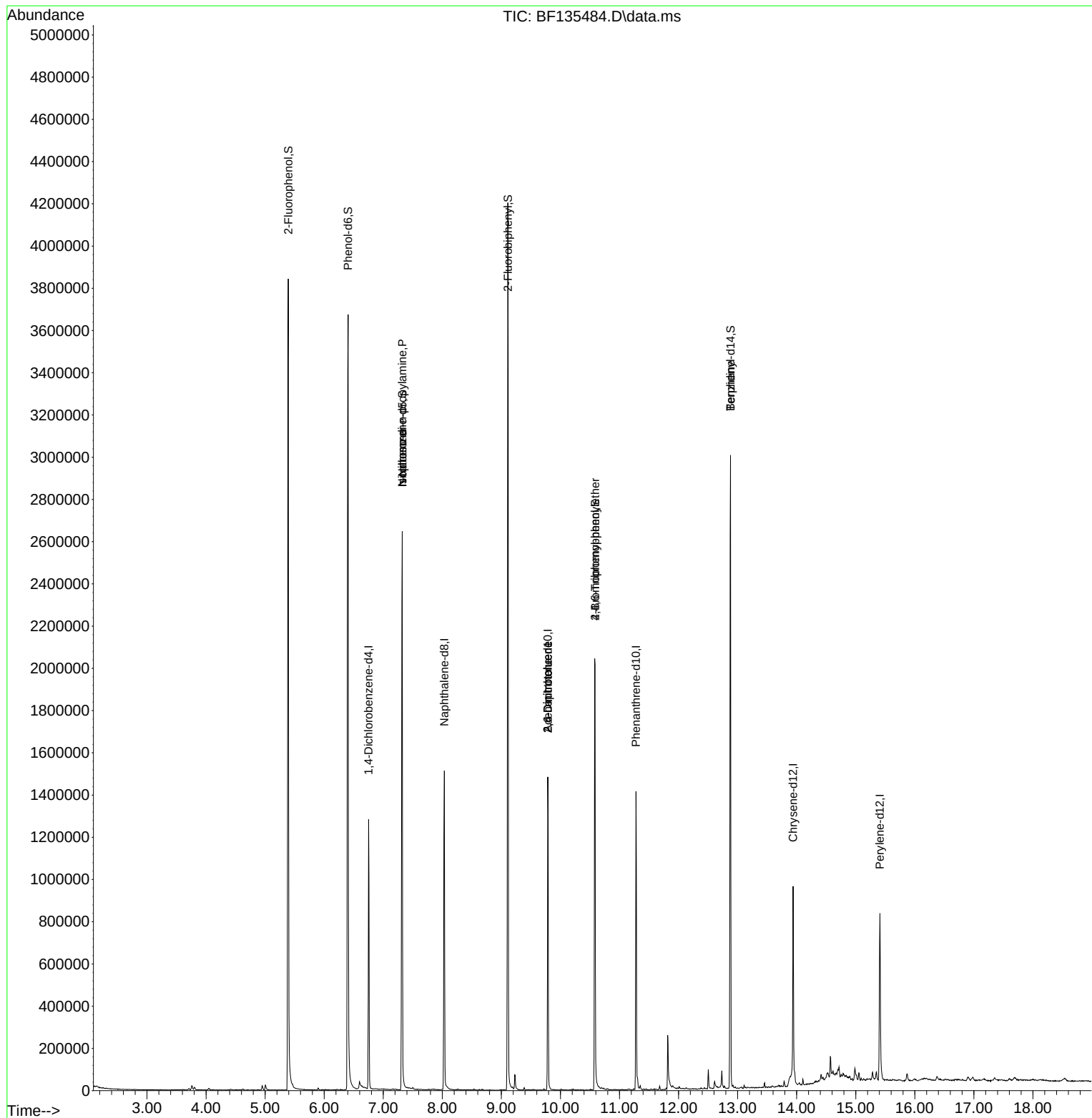
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	181252	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	679300	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	310137	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	518924	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	280544	20.000	ng	0.00
86) Perylene-d12	15.410	264	371958	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1121970	100.679	ng	0.01
7) Phenol-d6	6.404	99	1395576	98.486	ng	0.00
23) Nitrobenzene-d5	7.322	82	890161	71.194	ng	0.00
42) 2,4,6-Tribromophenol	10.586	330	262101	85.042	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1431997	69.662	ng	0.00
79) Terphenyl-d14	12.880	244	1070618	59.159	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	117546	13.392	ng	# 78
25) Isophorone	7.322	82	890154	38.771	ng	# 65
51) 2,6-Dinitrotoluene	9.786	165	39009	8.492	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	39009	6.783	ng	# 19
67) 4-Bromophenyl-phenylether	10.586	248	17126	3.318	ng	# 1
77) Benzidine	12.880	184	13778	2.397	ng	# 97

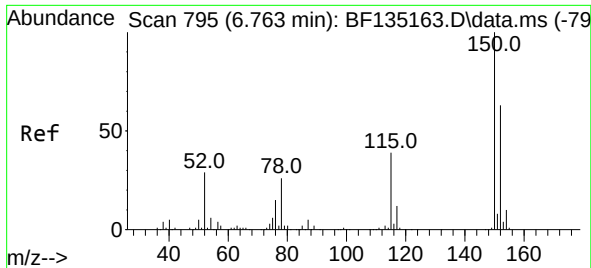
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 26 01:36:36 2023
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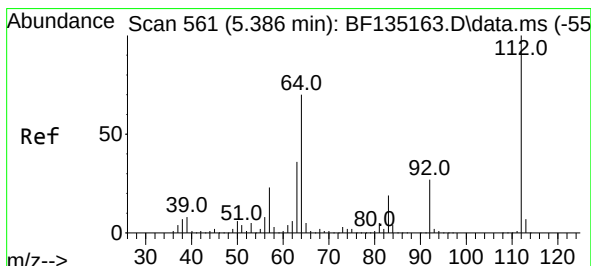
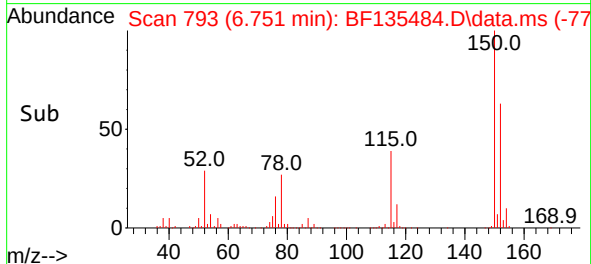
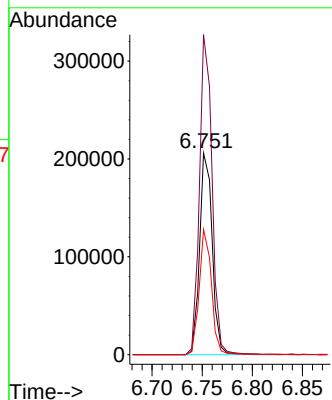
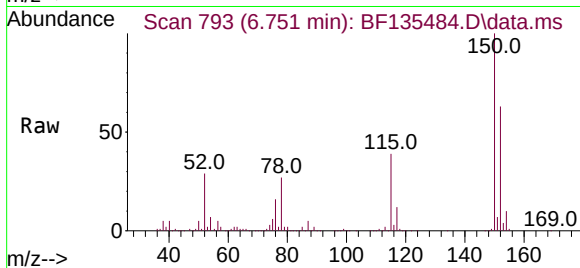




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135484.D
Acq: 27 Sep 2023 21:08

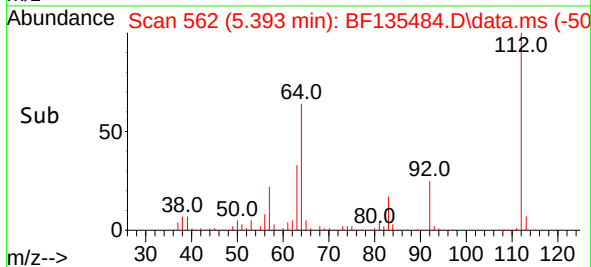
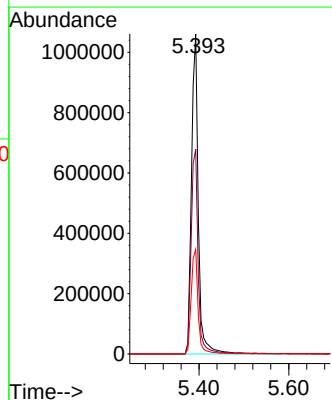
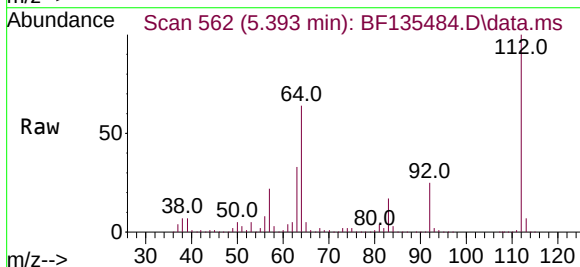
Instrument :
BNA_F
ClientSampleId :

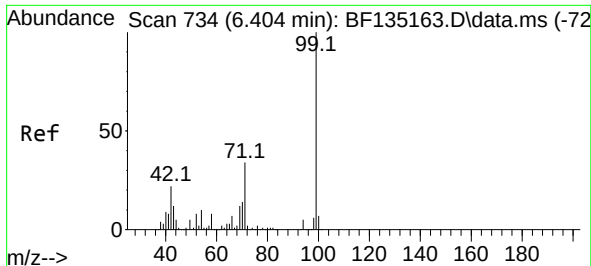
Tgt Ion:152 Resp: 181252
Ion Ratio Lower Upper
152 100
150 158.7 127.8 191.6
115 62.1 49.8 74.8



#5
2-Fluorophenol
Concen: 100.679 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF135484.D
Acq: 27 Sep 2023 21:08

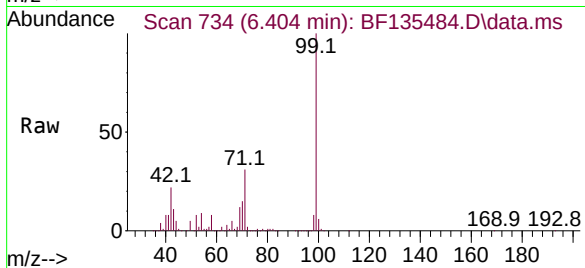
Tgt Ion:112 Resp: 1121970
Ion Ratio Lower Upper
112 100
64 64.0 55.9 83.9
63 32.7 29.0 43.6





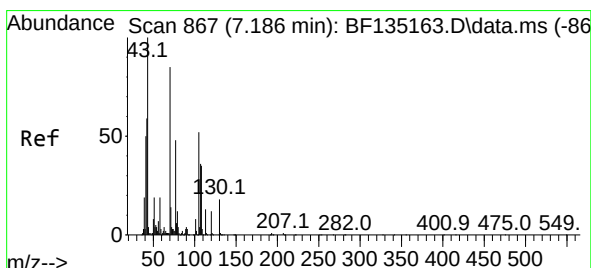
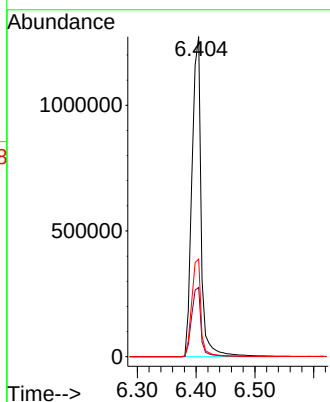
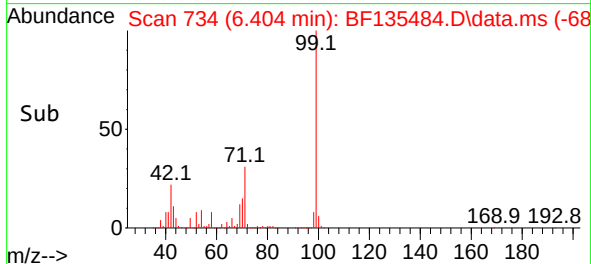
#7
Phenol-d6
Concen: 98.486 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135484.D
Acq: 27 Sep 2023 21:08

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1395576

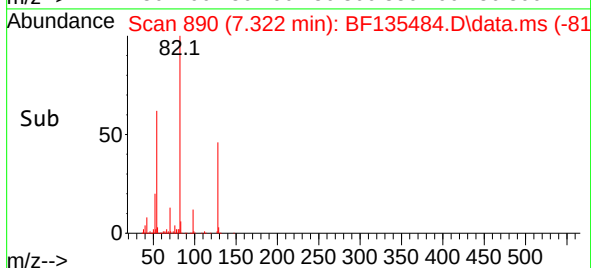
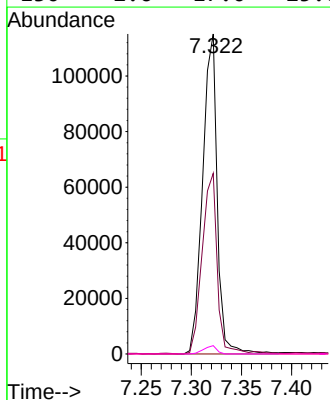
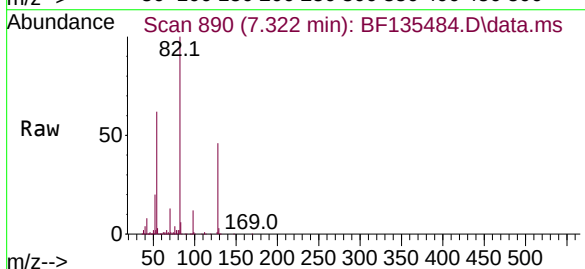
Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.9	26.9
71	30.5	27.0	40.6

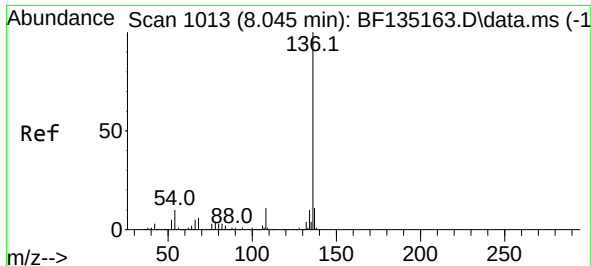


#19
n-Nitroso-di-n-propylamine
Concen: 13.392 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.147 min
Lab File: BF135484.D
Acq: 27 Sep 2023 21:08

Tgt Ion: 70 Resp: 117546

Ion	Ratio	Lower	Upper
70	100		
42	56.4	55.4	83.0
101	0.0	7.7	11.5#
130	2.6	17.0	25.6#

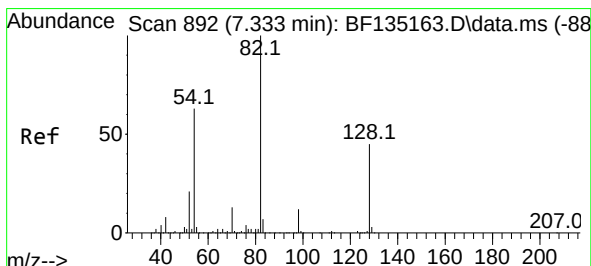
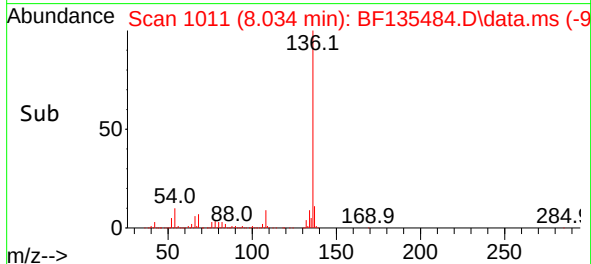
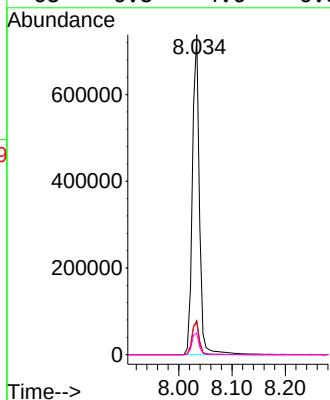
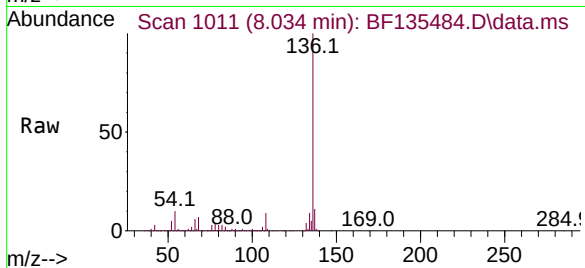




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.034 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135484.D
Acq: 27 Sep 2023 21:08

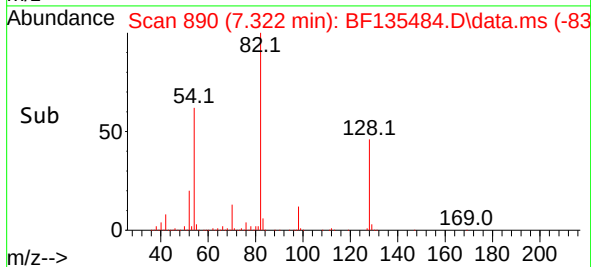
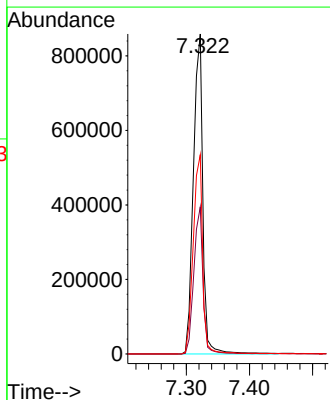
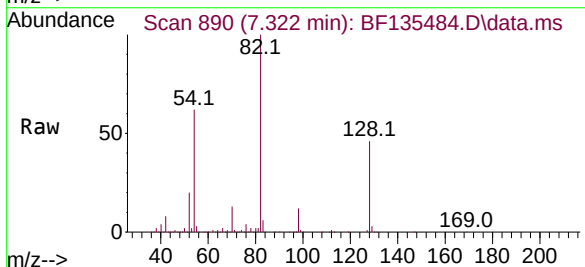
Instrument :
BNA_F
ClientSampleId :

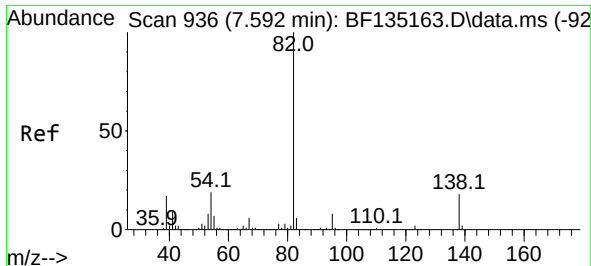
Tgt Ion:136 Resp: 679300
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 10.0 7.7 11.5
68 6.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 71.194 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF135484.D
Acq: 27 Sep 2023 21:08

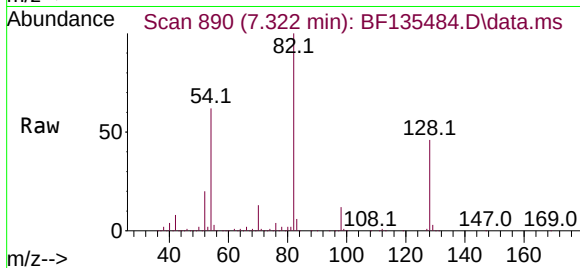
Tgt Ion: 82 Resp: 890161
Ion Ratio Lower Upper
82 100
128 45.9 35.8 53.6
54 62.2 50.6 76.0



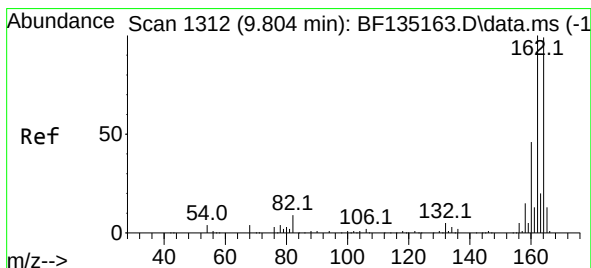
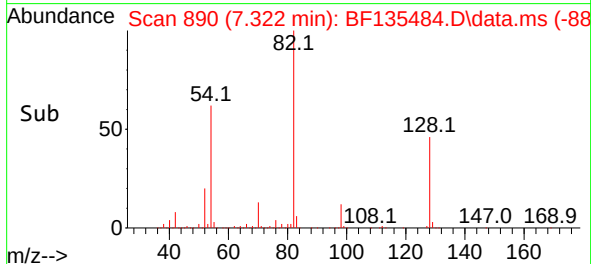
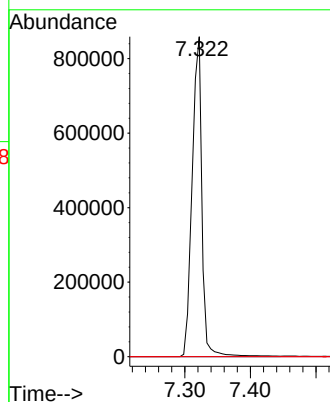


#25
Isophorone
Concen: 38.771 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF135484.D
Acq: 27 Sep 2023 21:08

Instrument :
BNA_F
ClientSampleId :

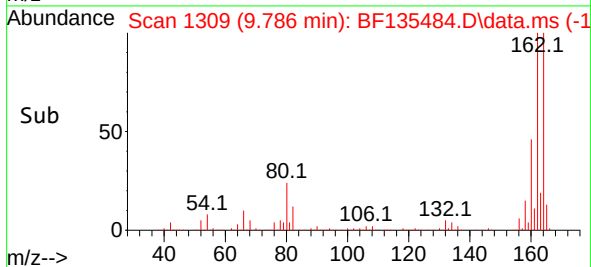
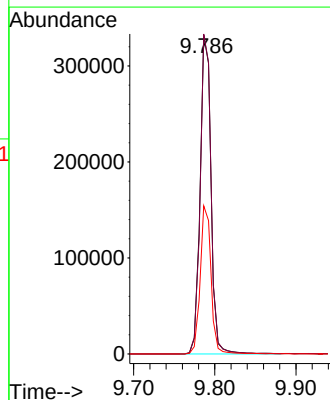
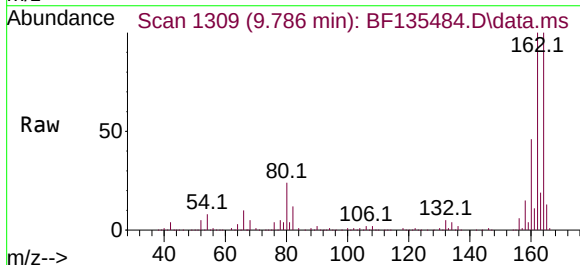


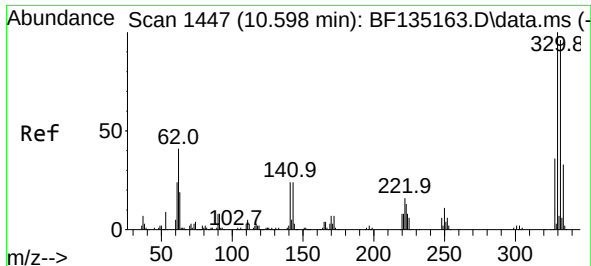
Tgt Ion: 82 Resp: 890154
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF135484.D
Acq: 27 Sep 2023 21:08

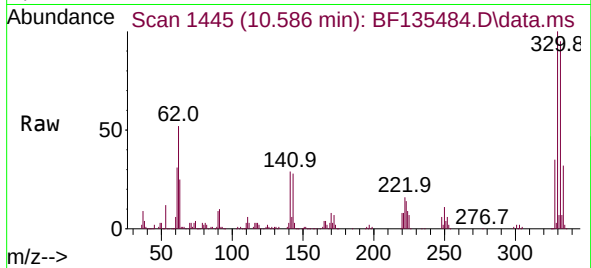
Tgt Ion:164 Resp: 310137
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 46.5 37.0 55.4



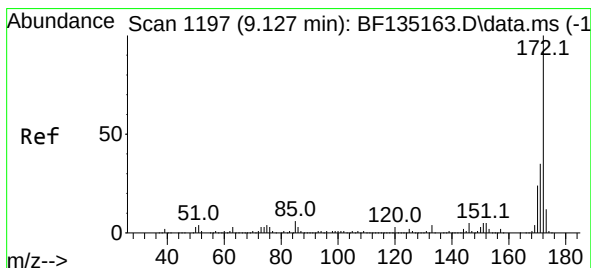
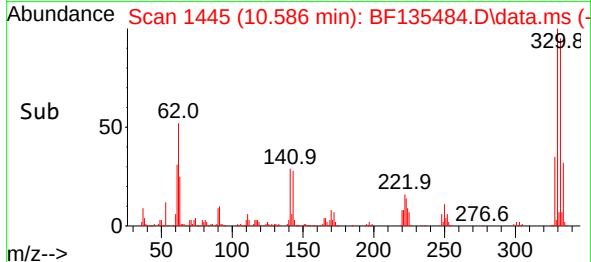
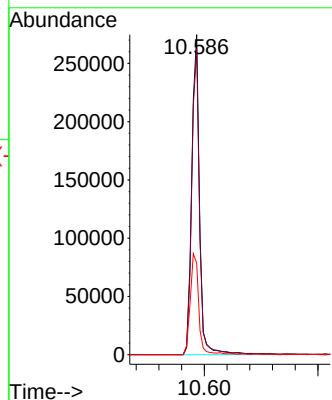


#42
 2,4,6-Tribromophenol
 Concen: 85.042 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.000 min
 Lab File: BF135484.D
 Acq: 27 Sep 2023 21:08

Instrument :
 BNA_F
 ClientSampleId :

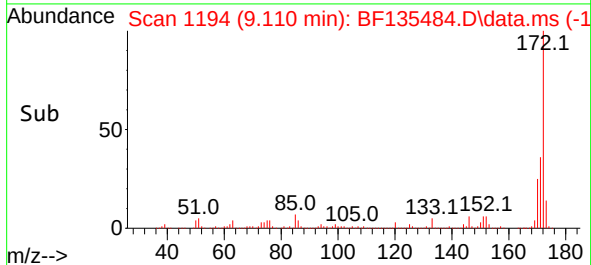
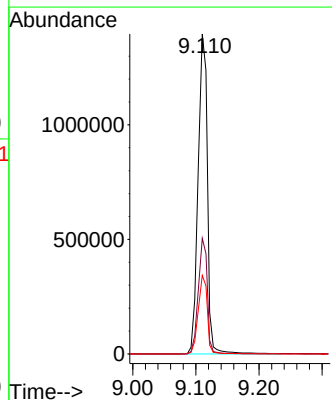
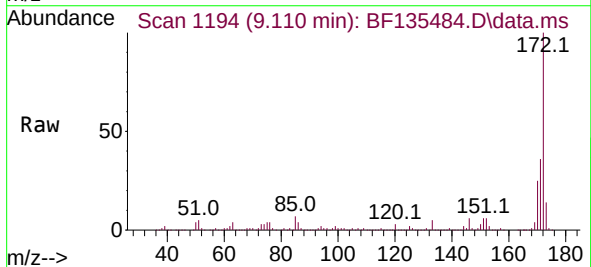


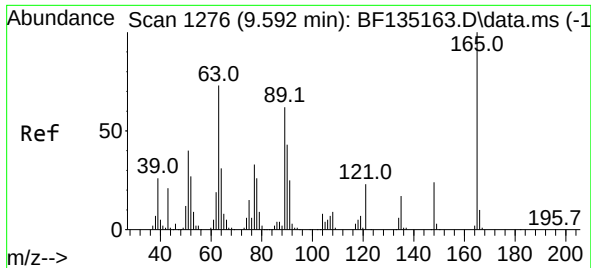
Tgt Ion:330 Resp: 262101
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.3 115.9
 141 34.4 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 69.662 ng
 RT: 9.110 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: BF135484.D
 Acq: 27 Sep 2023 21:08

Tgt Ion:172 Resp: 1431997
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.4 42.6
 170 24.6 19.0 28.4

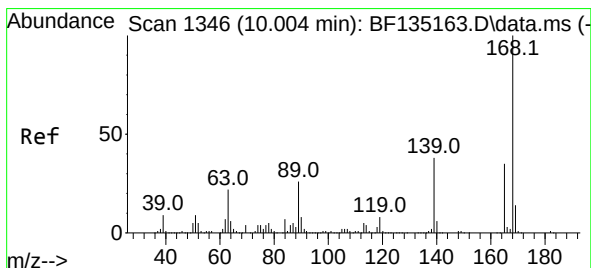
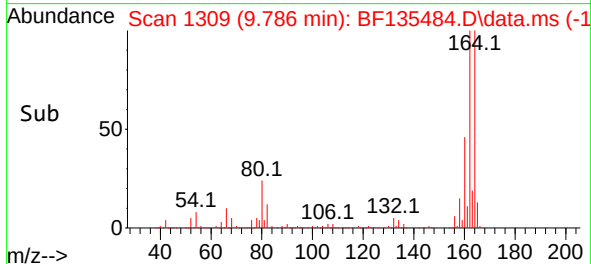
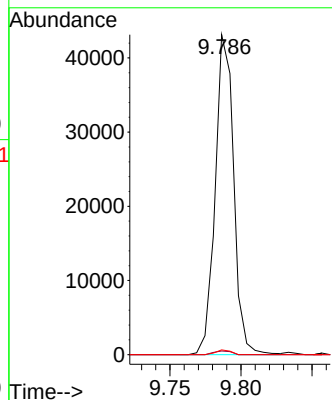
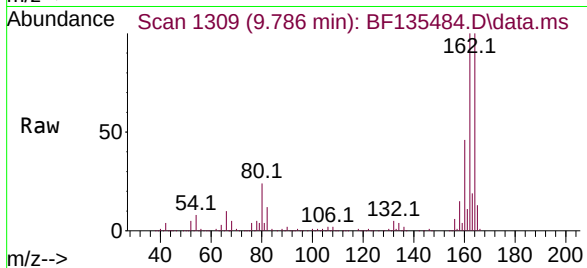




#51
2,6-Dinitrotoluene
Concen: 8.492 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.200 min
Lab File: BF135484.D
Acq: 27 Sep 2023 21:08

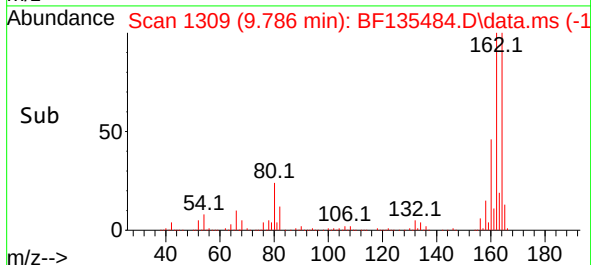
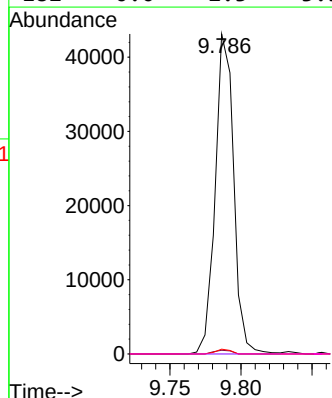
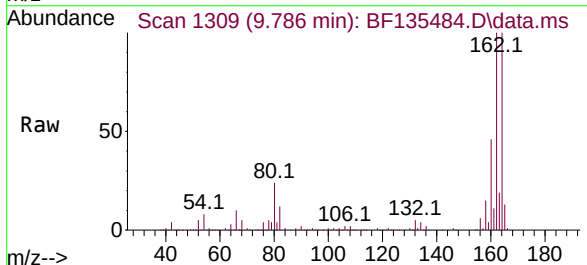
Instrument :
BNA_F
ClientSampleId :

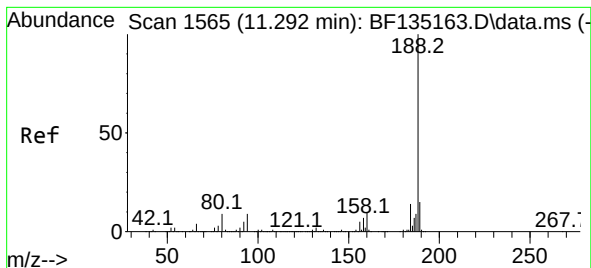
Tgt Ion:165 Resp: 39009
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.2#
89 1.5 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.783 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.212 min
Lab File: BF135484.D
Acq: 27 Sep 2023 21:08

Tgt Ion:165 Resp: 39009
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.5 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135484.D

Acq: 27 Sep 2023 21:08

Instrument :

BNA_F

ClientSampleId :

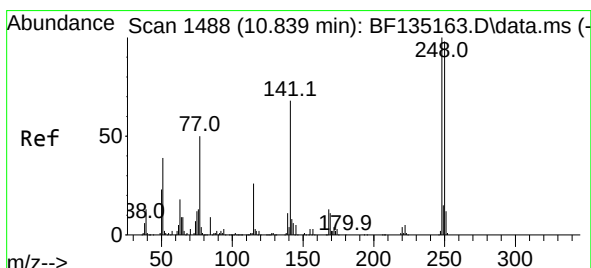
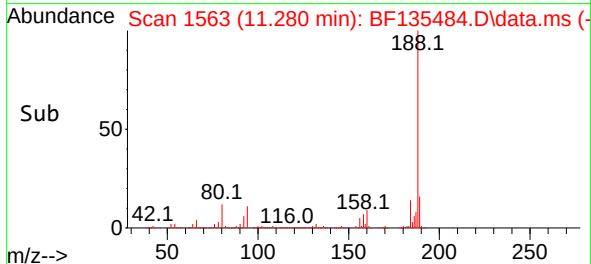
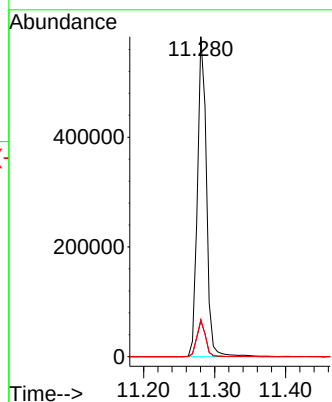
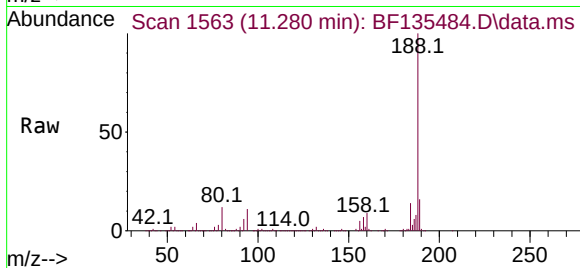
Tgt Ion:188 Resp: 518924

Ion Ratio Lower Upper

188 100

94 11.1 7.0 10.6#

80 11.7 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 3.318 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.241 min

Lab File: BF135484.D

Acq: 27 Sep 2023 21:08

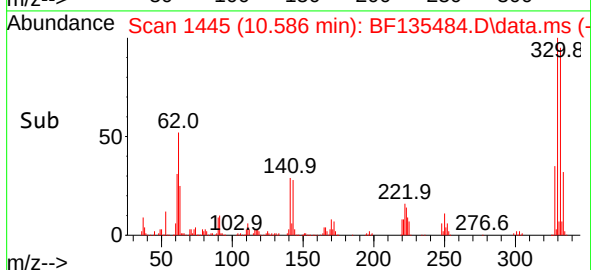
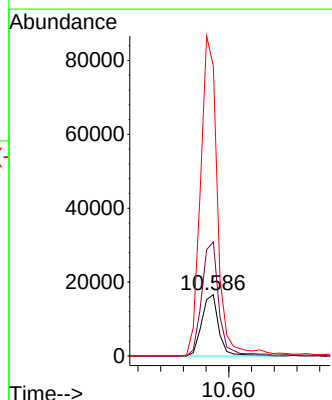
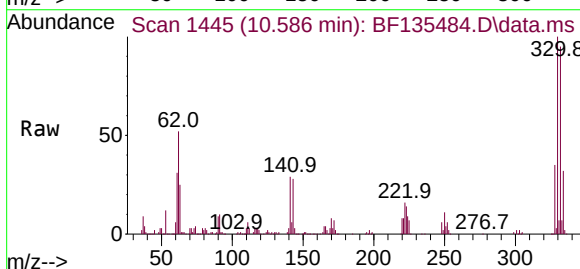
Tgt Ion:248 Resp: 17126

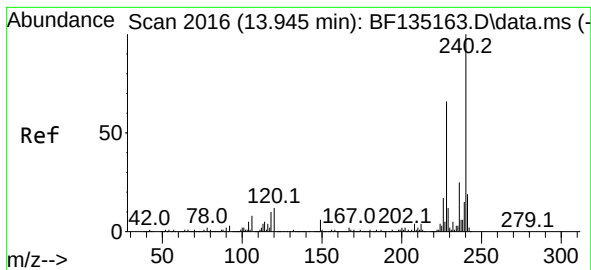
Ion Ratio Lower Upper

248 100

250 186.4 78.6 117.8#

141 473.5 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135484.D

Acq: 27 Sep 2023 21:08

Instrument :

BNA_F

ClientSampleId :

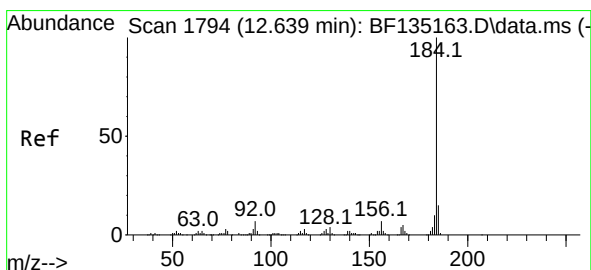
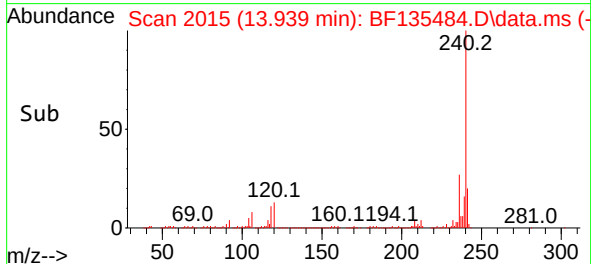
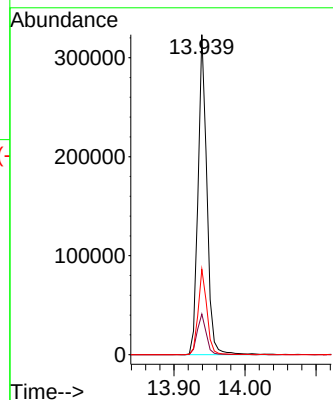
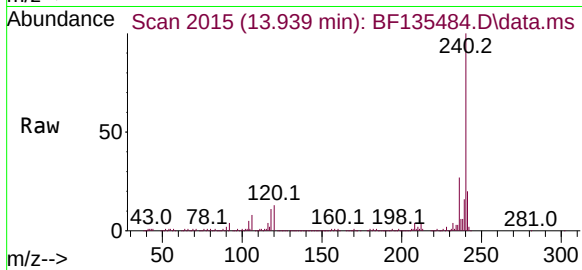
Tgt Ion:240 Resp: 280544

Ion Ratio Lower Upper

240 100

120 12.7 9.4 14.2

236 26.7 19.8 29.8



#77

Benzidine

Concen: 2.397 ng

RT: 12.880 min Scan# 1835

Delta R.T. 0.247 min

Lab File: BF135484.D

Acq: 27 Sep 2023 21:08

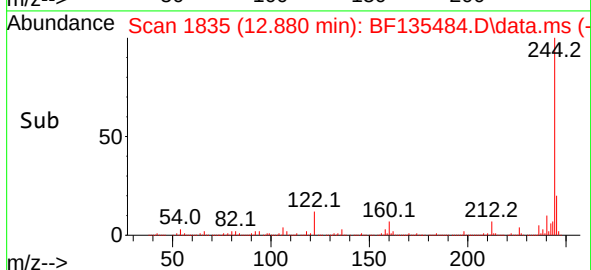
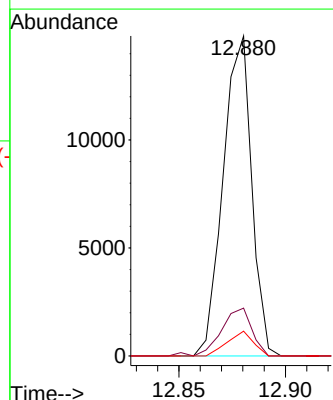
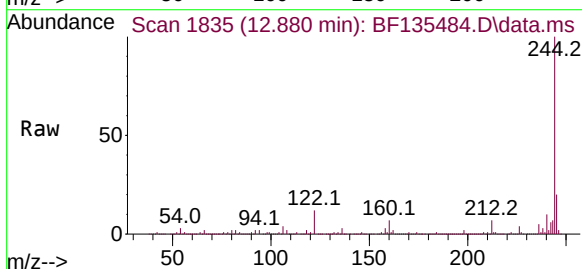
Tgt Ion:184 Resp: 13778

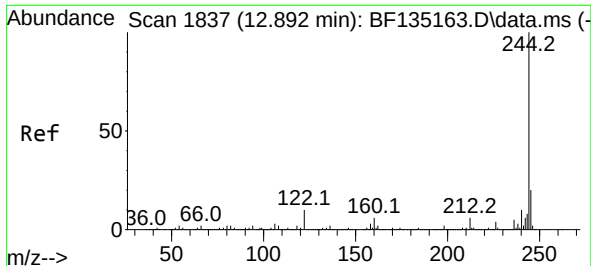
Ion Ratio Lower Upper

184 100

185 14.9 11.7 17.5

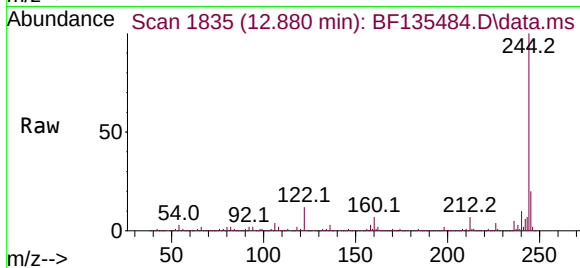
183 7.8 8.2 12.4#



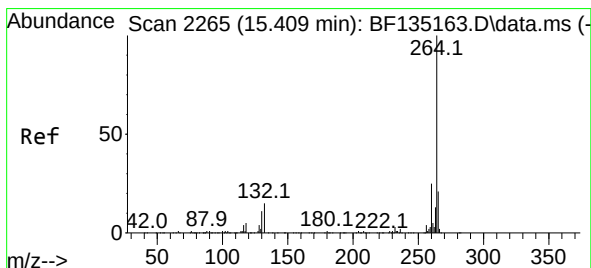
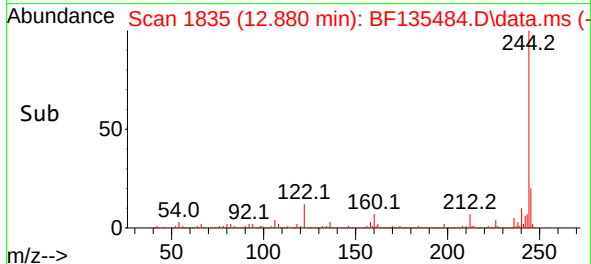
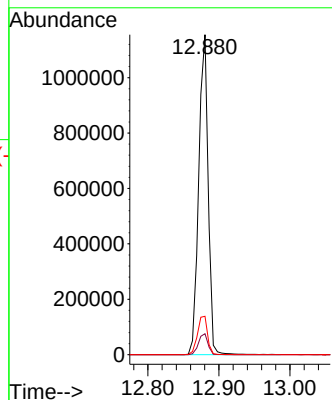


#79
 Terphenyl-d14
 Concen: 59.159 ng
 RT: 12.880 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: BF135484.D
 Acq: 27 Sep 2023 21:08

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1070618
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.1 7.7
 122 12.0 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: BF135484.D
 Acq: 27 Sep 2023 21:08

Tgt Ion:264 Resp: 371958
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 21.5 17.0 25.4

