

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135177.D
 Acq On : 12 Sep 2023 12:37
 Operator : CG\JU
 Sample : PB155213BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 13 02:01:46 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 12 00:19:07 2023
 Response via : Initial Calibration

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

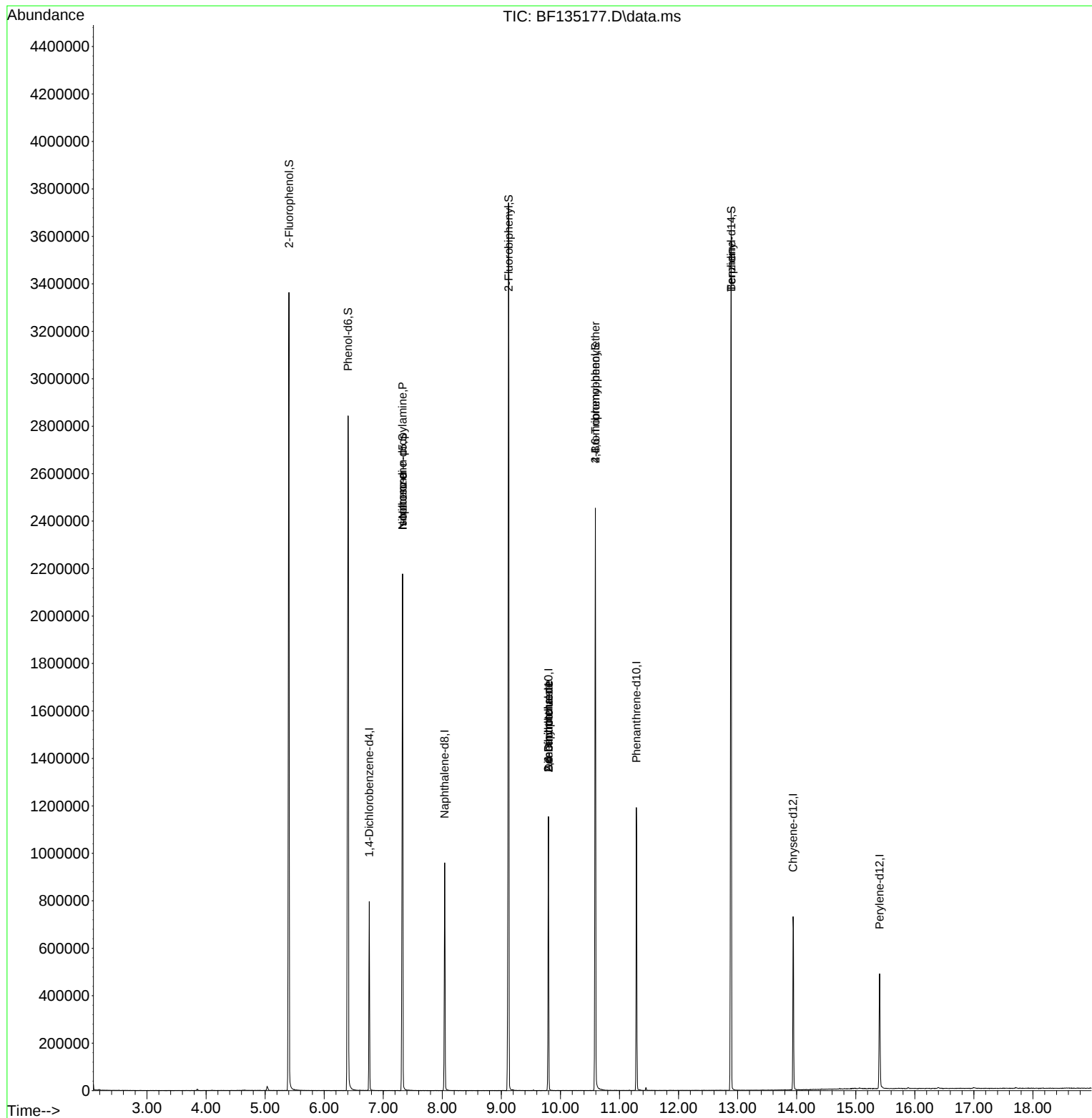
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	106984	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	408389	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	217628	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	435231	20.000	ng	0.00
76) Chrysene-d12	13.939	240	255208	20.000	ng	0.00
86) Perylene-d12	15.404	264	225729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	926327	140.827	ng	0.02
7) Phenol-d6	6.404	99	1185287	141.713	ng	0.00
23) Nitrobenzene-d5	7.328	82	748435	99.567	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	308969	142.863	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1321528	91.616	ng	0.00
79) Terphenyl-d14	12.892	244	1432563	87.017	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.328	70	100196	19.340	ng	# 77
25) Isophorone	7.328	82	744100	53.909	ng	# 65
50) Dimethylphthalate	9.798	163	43739	2.973	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	27539	8.544	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	27539	6.825	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	19427	4.488	ng	# 1
77) Benzidine	12.892	184	18440	3.527	ng	# 86

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

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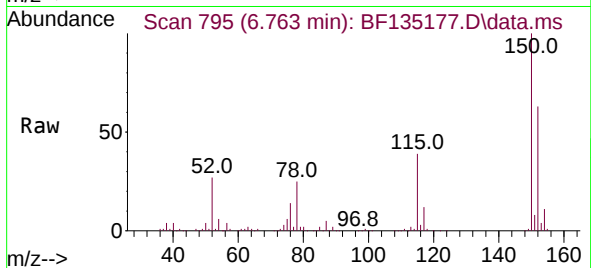
Quant Time: Sep 13 02:01:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration



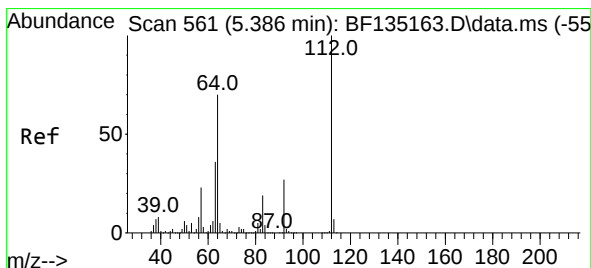
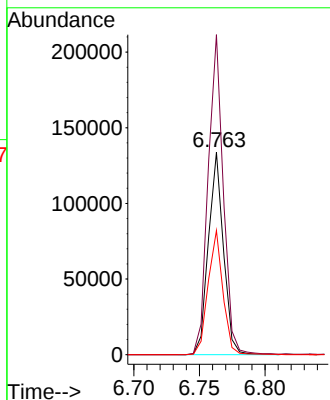
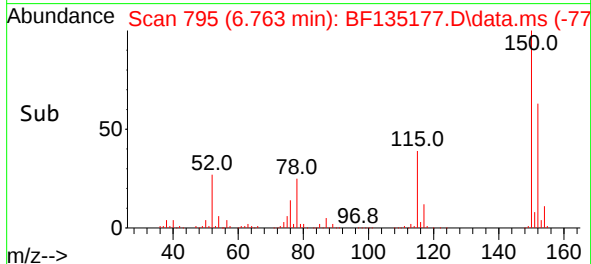


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135177.D
Acq: 12 Sep 2023 12:37

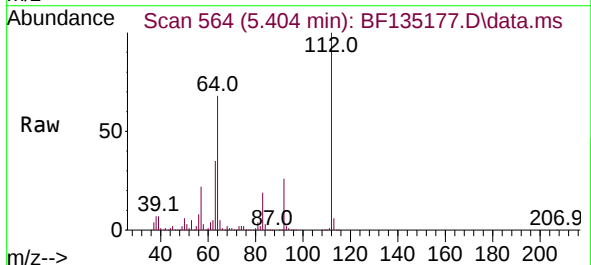
Instrument :
BNA_F
ClientSampleId :



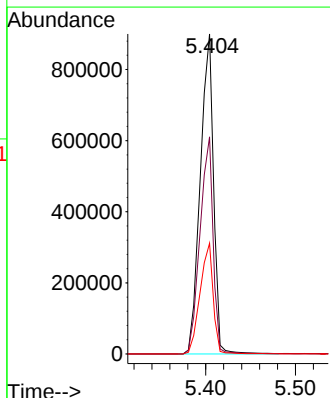
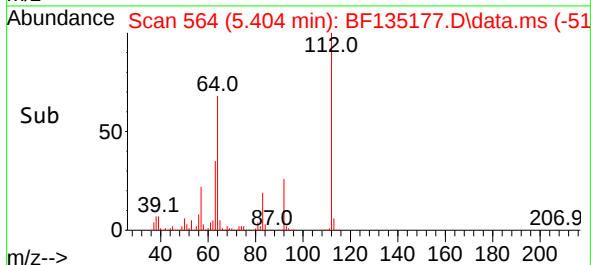
Tgt Ion:152 Resp: 106984
Ion Ratio Lower Upper
152 100
150 158.1 127.8 191.6
115 61.4 49.8 74.8

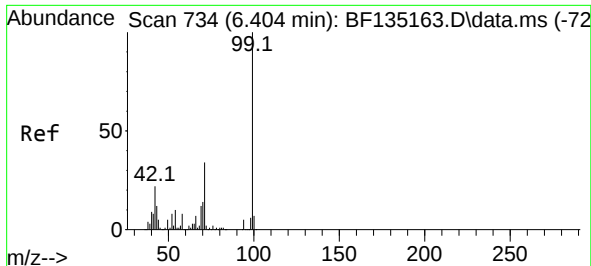


#5
2-Fluorophenol
Concen: 140.827 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135177.D
Acq: 12 Sep 2023 12:37



Tgt Ion:112 Resp: 926327
Ion Ratio Lower Upper
112 100
64 67.9 55.9 83.9
63 34.6 29.0 43.6



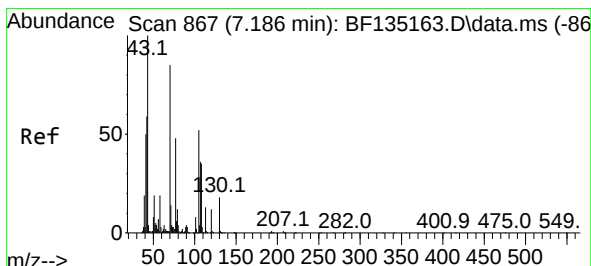
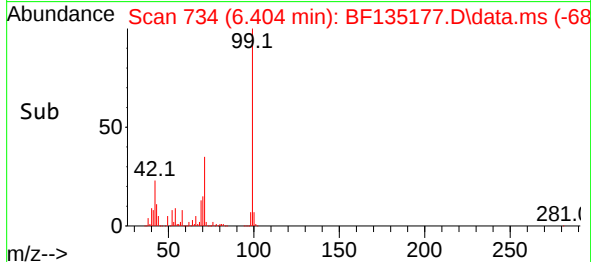
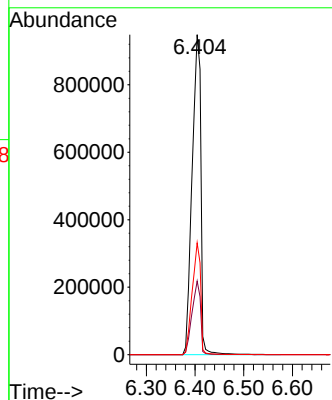
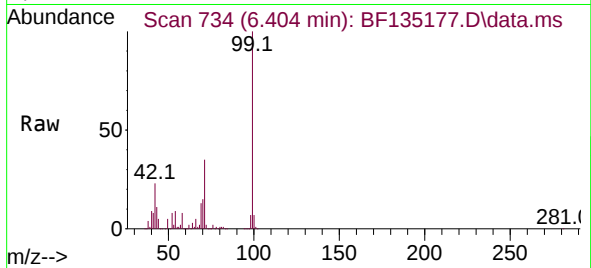


#7
Phenol-d6
Concen: 141.713 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135177.D
Acq: 12 Sep 2023 12:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1185287

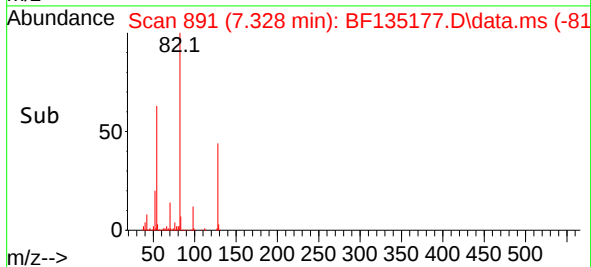
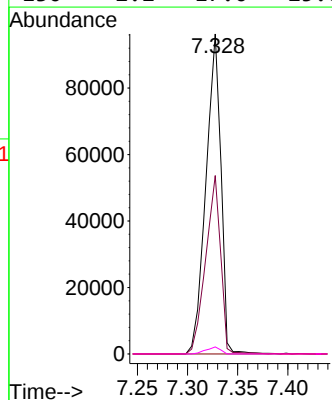
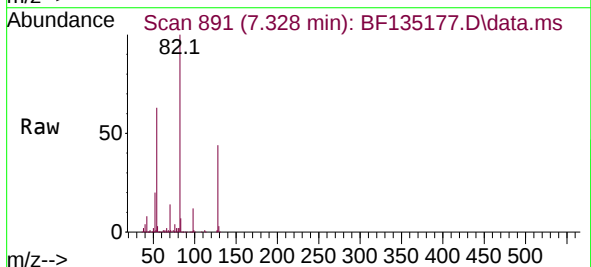
Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.9	26.9
71	35.0	27.0	40.6

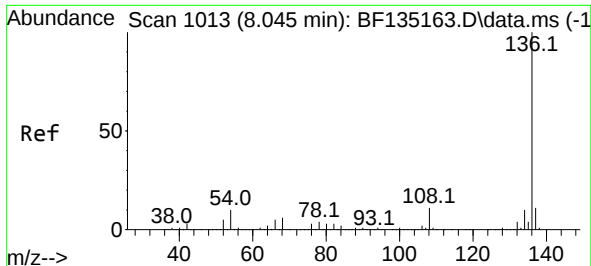


#19
n-Nitroso-di-n-propylamine
Concen: 19.340 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135177.D
Acq: 12 Sep 2023 12:37

Tgt Ion: 70 Resp: 100196

Ion	Ratio	Lower	Upper
70	100		
42	55.7	55.4	83.0
101	0.0	7.7	11.5#
130	2.2	17.0	25.6#



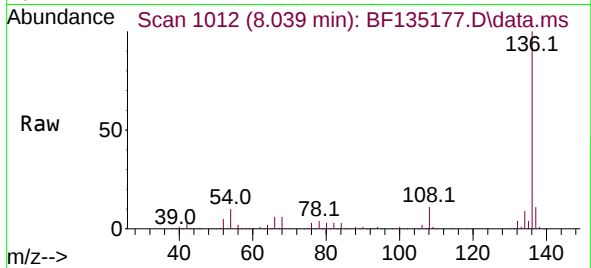


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135177.D
Acq: 12 Sep 2023 12:37

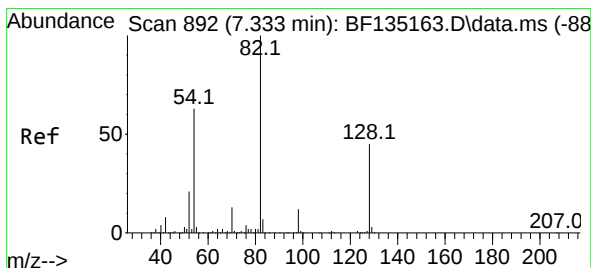
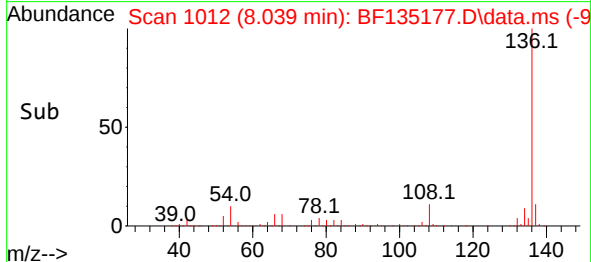
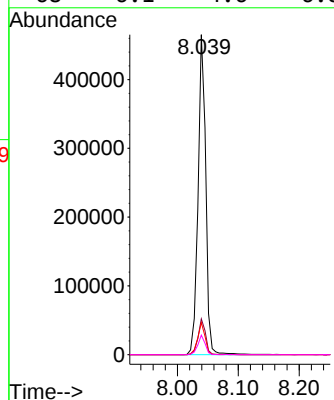
Instrument :

BNA_F

ClientSampleId :

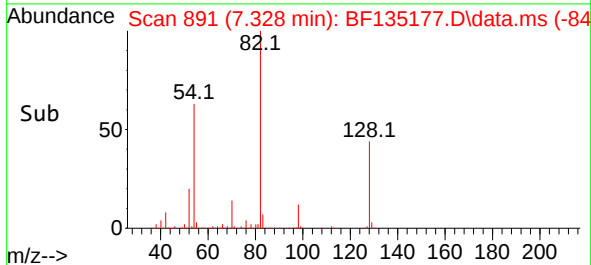
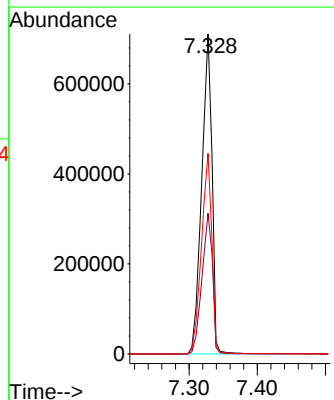
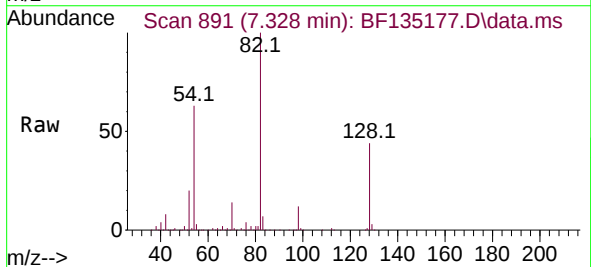


Tgt Ion:136 Resp: 408389
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.0 7.7 11.5
68 6.1 4.6 6.8



#23
Nitrobenzene-d5
Concen: 99.567 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135177.D
Acq: 12 Sep 2023 12:37

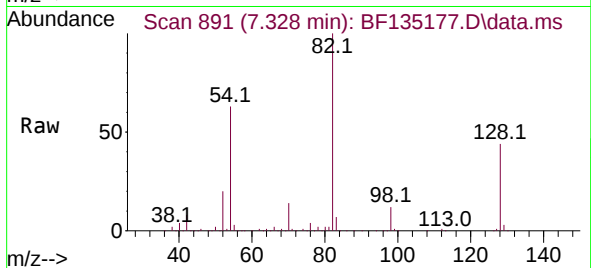
Tgt Ion: 82 Resp: 748435
Ion Ratio Lower Upper
82 100
128 44.0 35.8 53.6
54 62.7 50.6 76.0



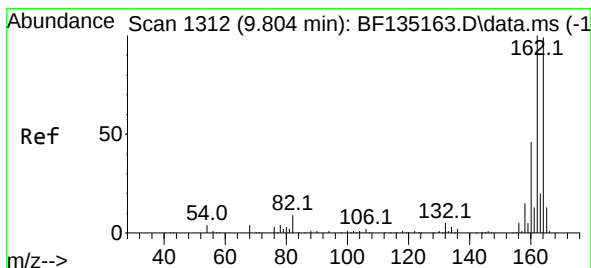
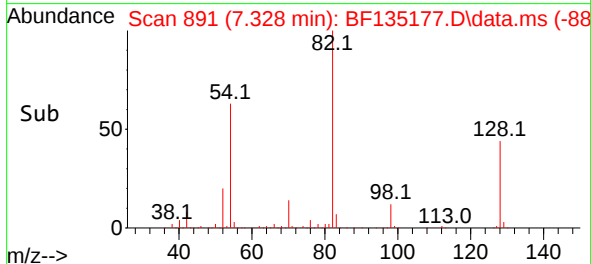
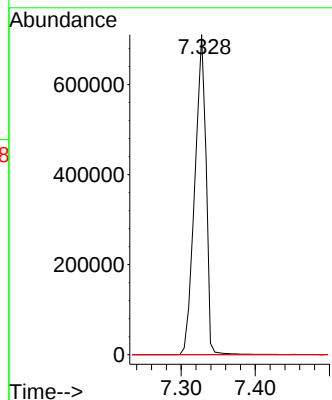


#25
Isophorone
Concen: 53.909 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF135177.D
Acq: 12 Sep 2023 12:37

Instrument :
BNA_F
ClientSampleId :

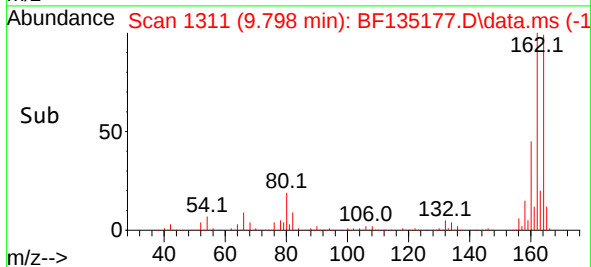
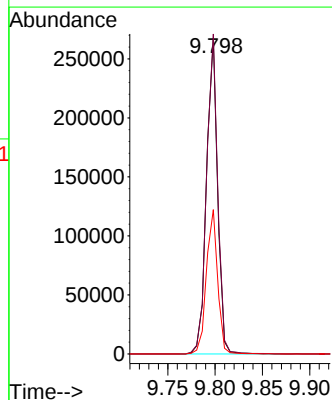
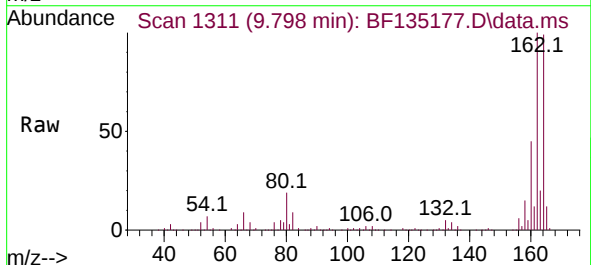


Tgt Ion: 82 Resp: 744100
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135177.D
Acq: 12 Sep 2023 12:37

Tgt Ion: 164 Resp: 217628
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 45.7 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 142.863 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

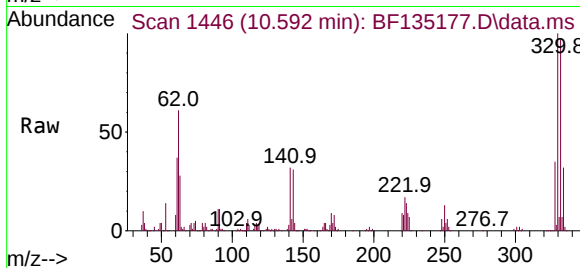
Lab File: BF135177.D

Acq: 12 Sep 2023 12:37

Instrument :

BNA_F

ClientSampleId :



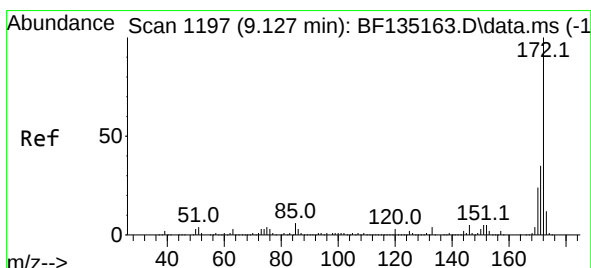
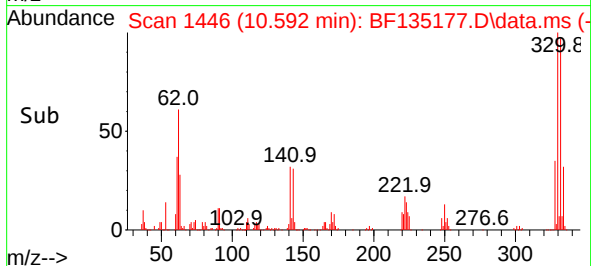
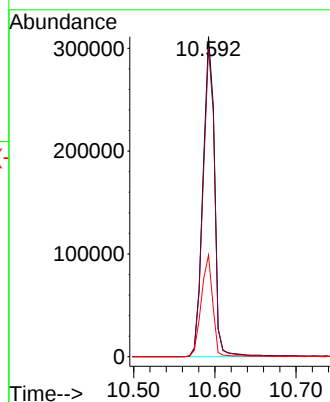
Tgt Ion:330 Resp: 308969

Ion Ratio Lower Upper

330 100

332 96.4 77.3 115.9

141 31.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 91.616 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135177.D

Acq: 12 Sep 2023 12:37

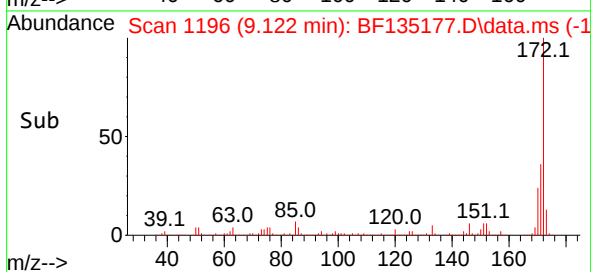
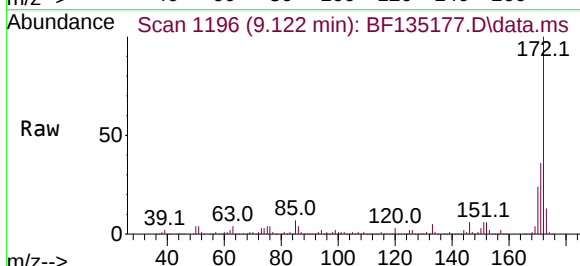
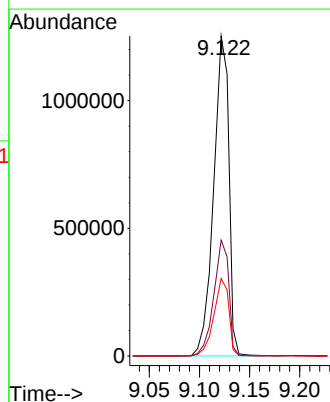
Tgt Ion:172 Resp: 1321528

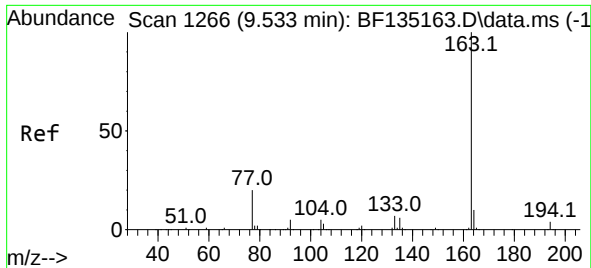
Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.2 19.0 28.4

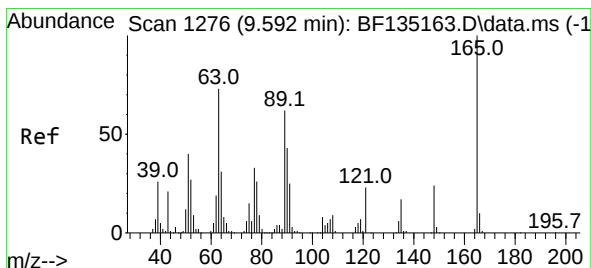
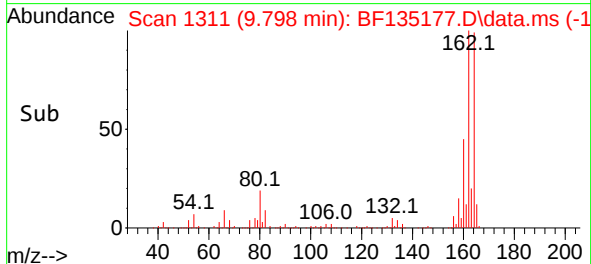
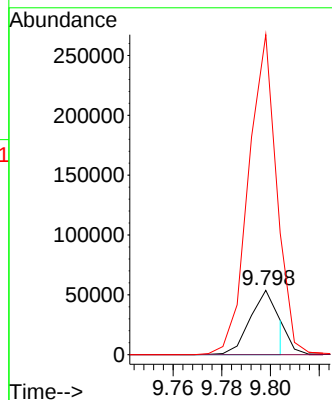
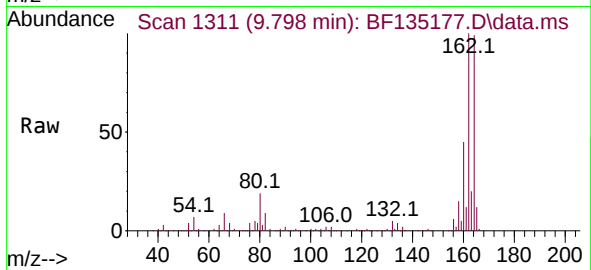




#50
Dimethylphthalate
Concen: 2.973 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF135177.D
Acq: 12 Sep 2023 12:37

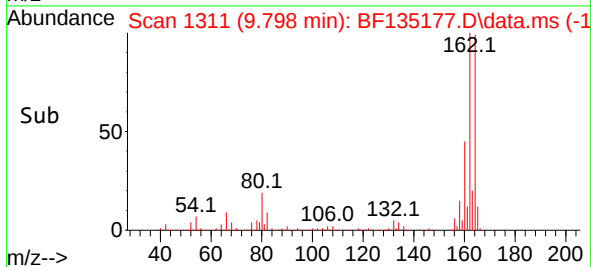
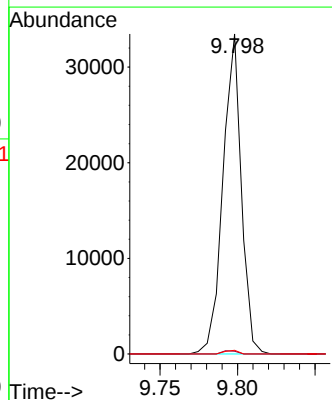
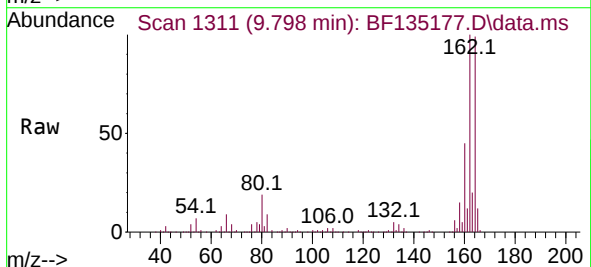
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 43739
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 497.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.544 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135177.D
Acq: 12 Sep 2023 12:37

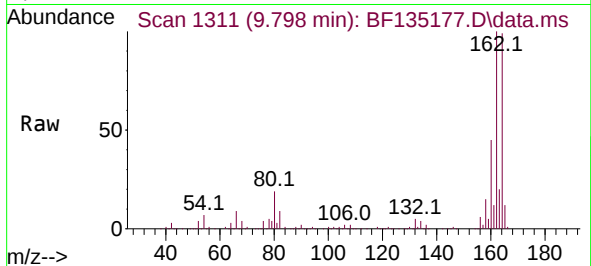
Tgt Ion:165 Resp: 27539
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 1.1 49.8 74.8#



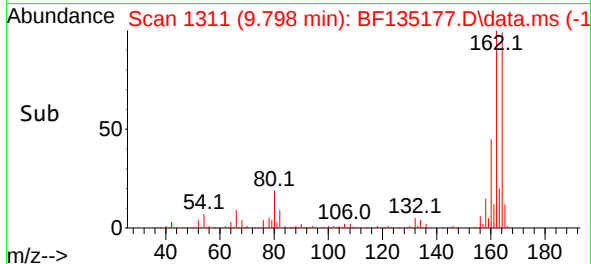
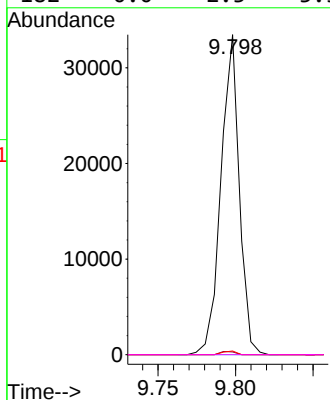


#57
2,4-Dinitrotoluene
Concen: 6.825 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135177.D
Acq: 12 Sep 2023 12:37

Instrument :
BNA_F
ClientSampleId :

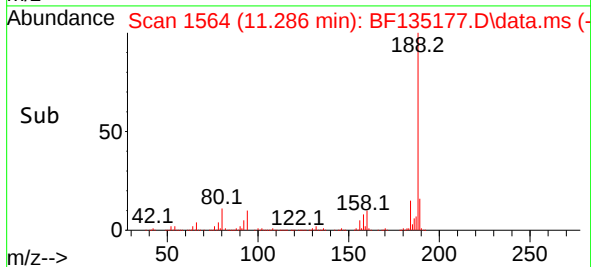
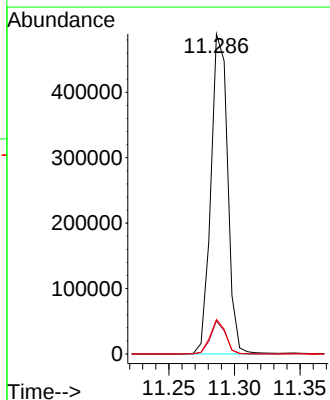
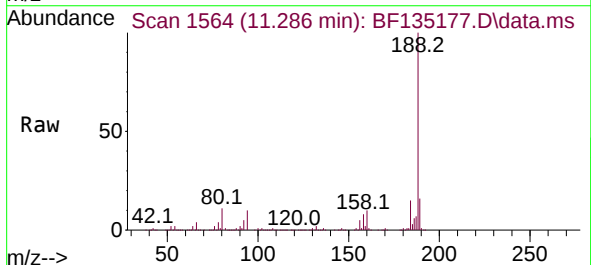


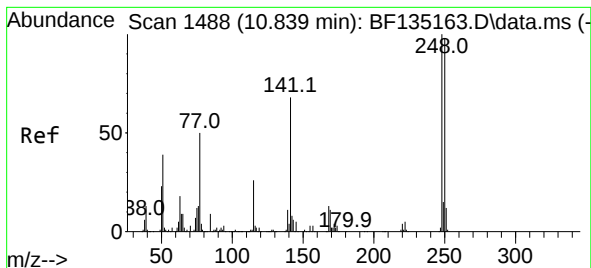
Tgt Ion:165 Resp: 27539
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135177.D
Acq: 12 Sep 2023 12:37

Tgt Ion:188 Resp: 435231
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 10.8 7.5 11.3

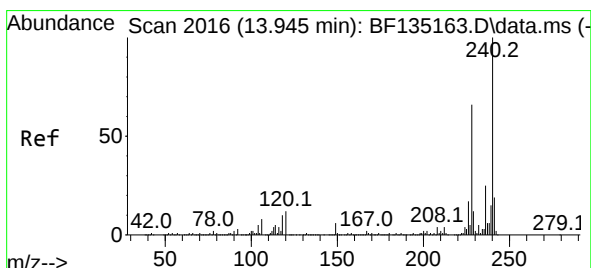
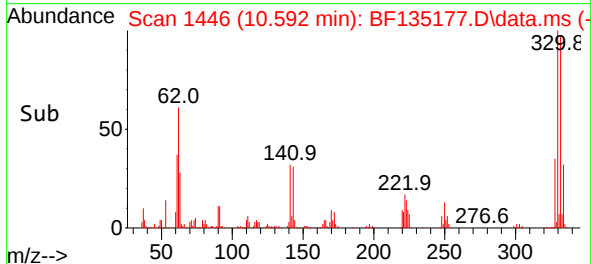
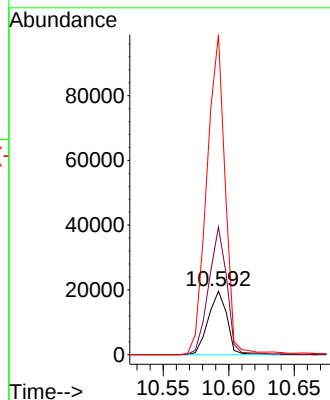
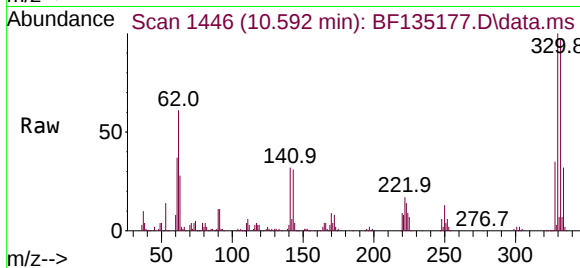




#67
4-Bromophenyl-phenylether
Concen: 4.488 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135177.D
Acq: 12 Sep 2023 12:37

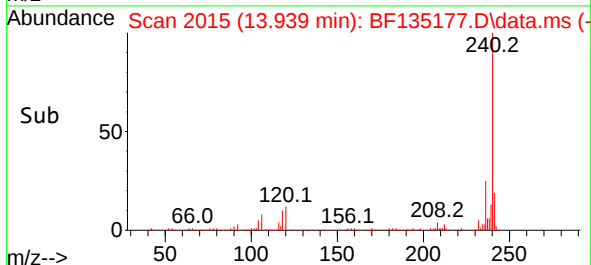
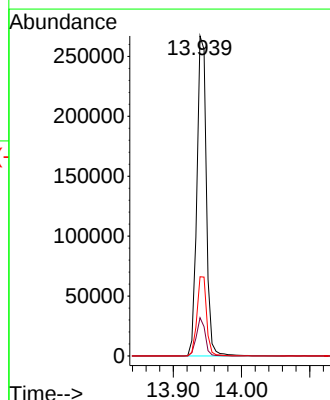
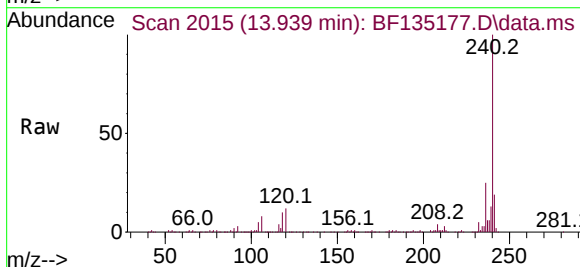
Instrument :
BNA_F
ClientSampleId :

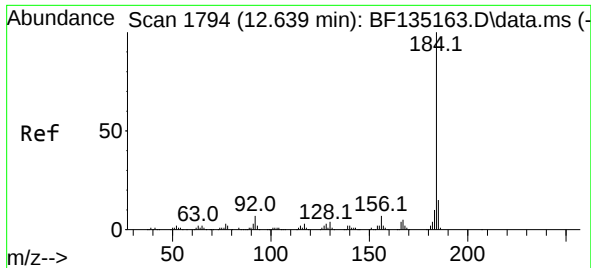
Tgt Ion:248 Resp: 19427
Ion Ratio Lower Upper
248 100
250 201.0 78.6 117.8#
141 504.0 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135177.D
Acq: 12 Sep 2023 12:37

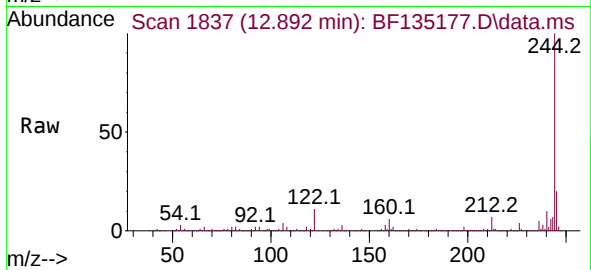
Tgt Ion:240 Resp: 255208
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.2
236 24.7 19.8 29.8



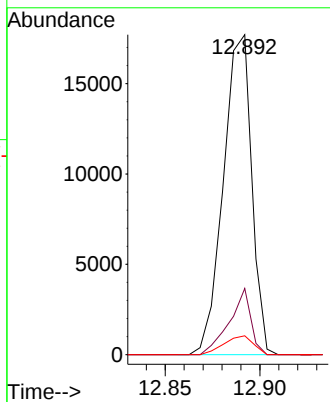
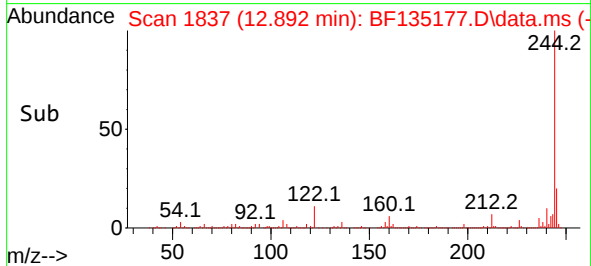


#77
Benzidine
Concen: 3.527 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF135177.D
Acq: 12 Sep 2023 12:37

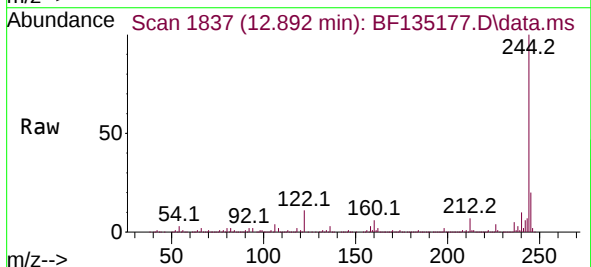
Instrument :
BNA_F
ClientSampleId :



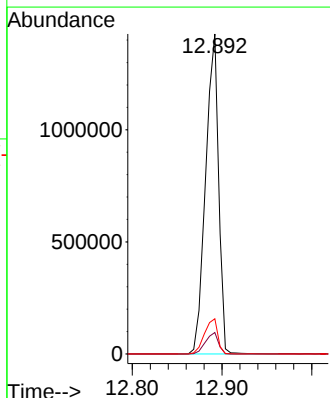
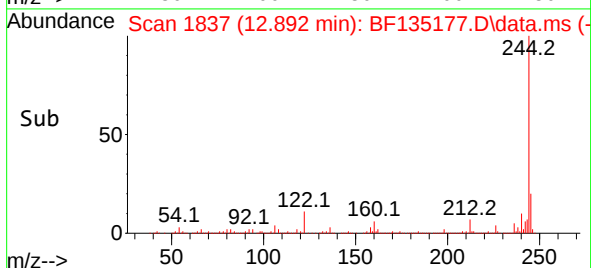
Tgt Ion:184 Resp: 18440
Ion Ratio Lower Upper
184 100
185 20.7 11.7 17.5#
183 5.9 8.2 12.4#

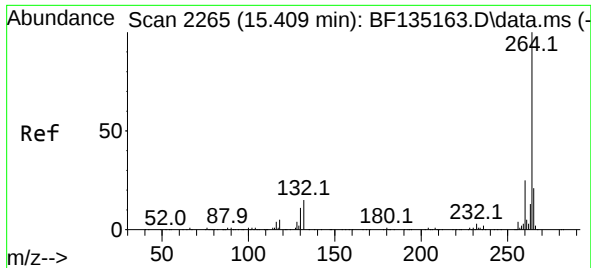


#79
Terphenyl-d14
Concen: 87.017 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF135177.D
Acq: 12 Sep 2023 12:37



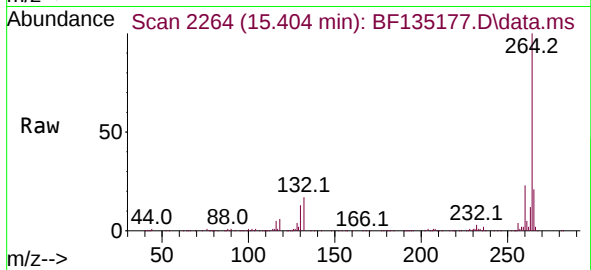
Tgt Ion:244 Resp: 1432563
Ion Ratio Lower Upper
244 100
212 6.7 5.1 7.7
122 11.0 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF135177.D
 Acq: 12 Sep 2023 12:37

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 225729
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.8 29.6
 265 20.6 17.0 25.4

