

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
 Data File : BF137870.D
 Acq On : 09 May 2024 18:27
 Operator : CG\JU
 Sample : P2413-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-CC

Quant Time: May 10 01:14:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

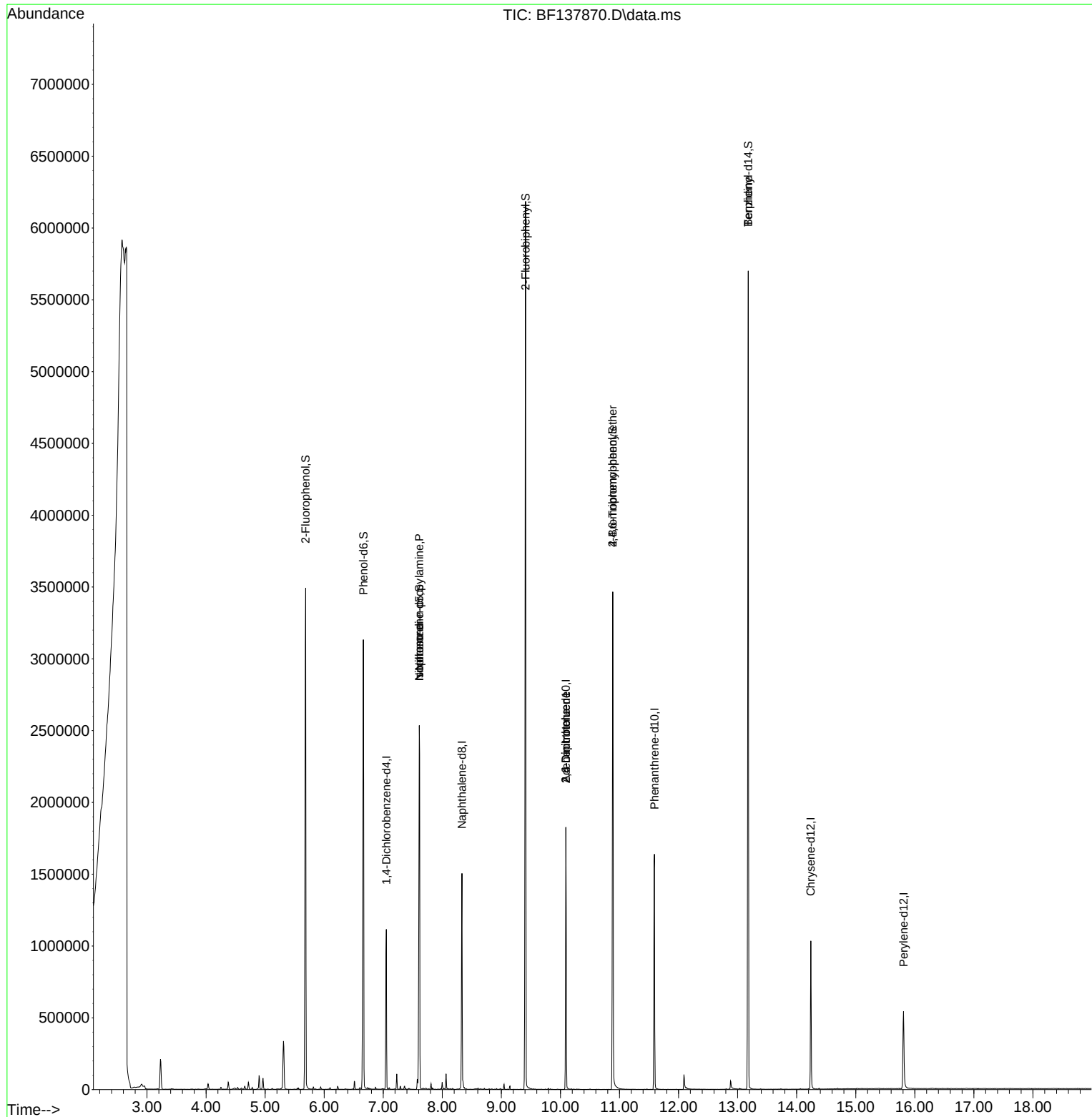
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	162895	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	644072	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	375845	20.000	ng	-0.02
64) Phenanthrene-d10	11.592	188	632949	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	340552	20.000	ng	-0.01
86) Perylene-d12	15.810	264	286367	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1090611	112.097	ng	0.01
7) Phenol-d6	6.663	99	1255822	101.764	ng	-0.01
23) Nitrobenzene-d5	7.610	82	938733	84.678	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	478416	124.670	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1917730	82.780	ng	-0.01
79) Terphenyl-d14	13.180	244	2019536	99.382	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.610	70	124583	16.893	ng	# 76
25) Isophorone	7.610	82	938721	46.964	ng	# 64
51) 2,6-Dinitrotoluene	10.092	165	47720	8.801	ng	# 27
57) 2,4-Dinitrotoluene	10.092	165	47721	6.737	ng	# 27
67) 4-Bromophenyl-phenylether	10.886	248	30961	4.571	ng	# 1
77) Benzidine	13.180	184	23511	2.985	ng	# 92

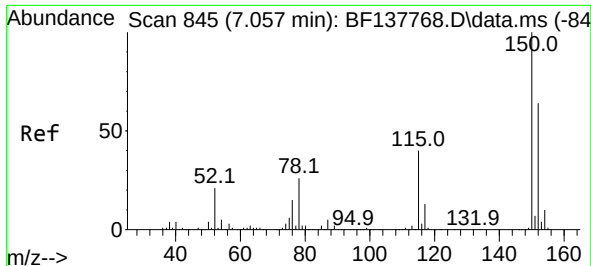
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

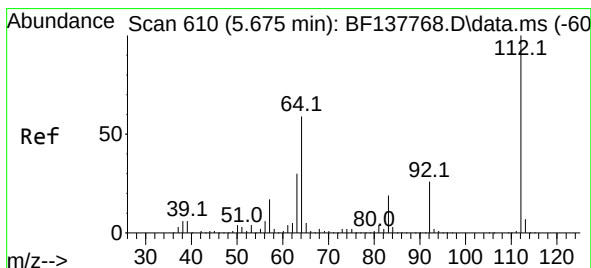
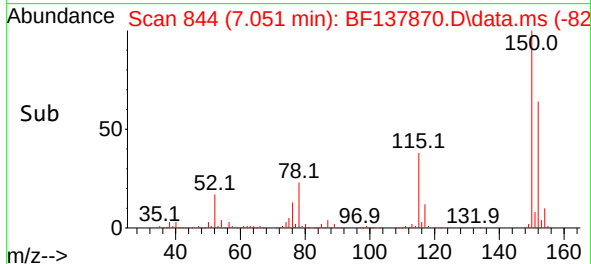
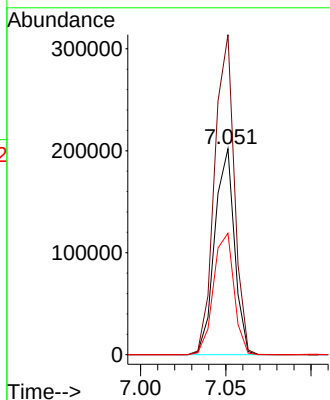
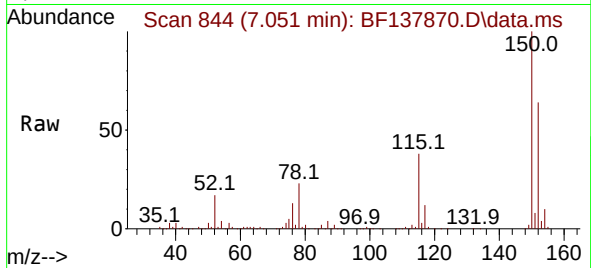




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137870.D
Acq: 09 May 2024 18:27

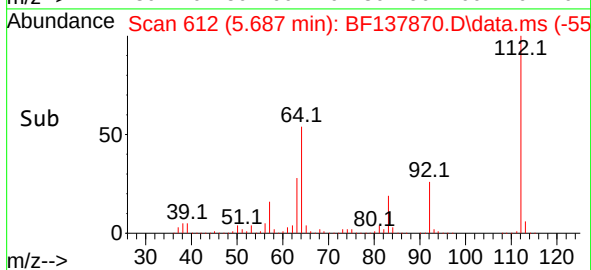
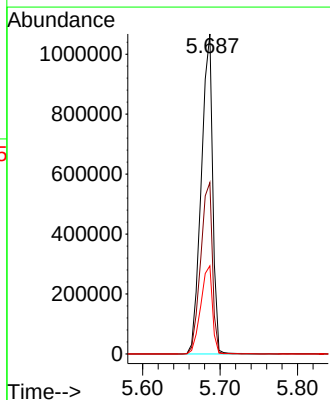
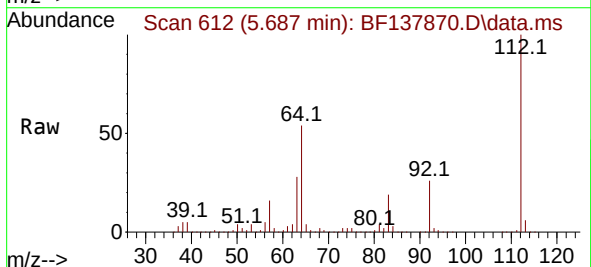
Instrument :
BNA_F
ClientSampleId :
WC-CC

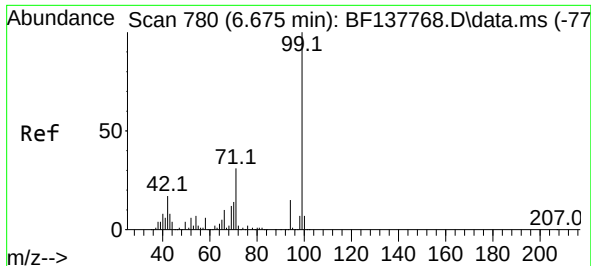
Tgt Ion:152 Resp: 162895
Ion Ratio Lower Upper
152 100
150 155.4 124.1 186.1
115 59.0 49.1 73.7



#5
2-Fluorophenol
Concen: 112.097 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137870.D
Acq: 09 May 2024 18:27

Tgt Ion:112 Resp: 1090611
Ion Ratio Lower Upper
112 100
64 53.6 47.3 70.9
63 27.5 23.7 35.5



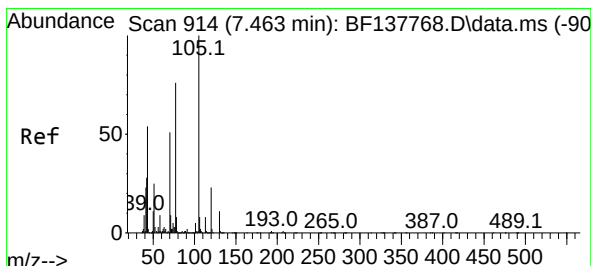
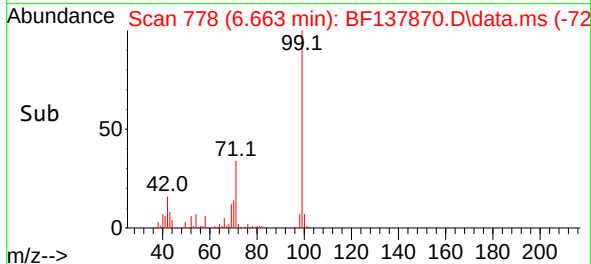
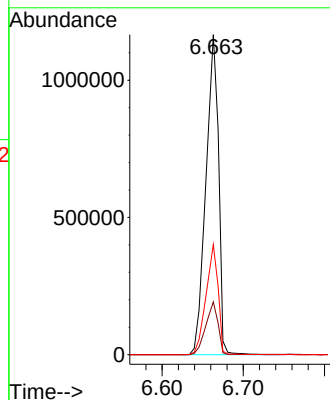
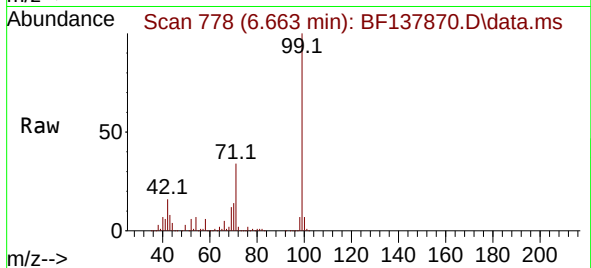


#7
Phenol-d6
Concen: 101.764 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137870.D
Acq: 09 May 2024 18:27

Instrument :
BNA_F
ClientSampleId :
WC-CC

Tgt Ion: 99 Resp: 1255822

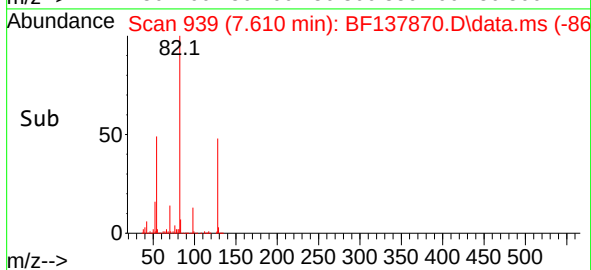
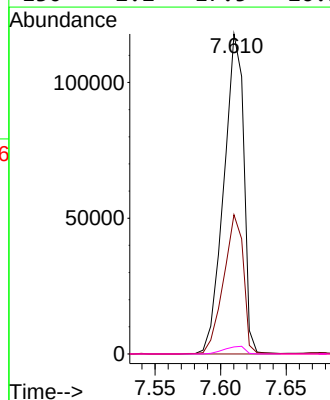
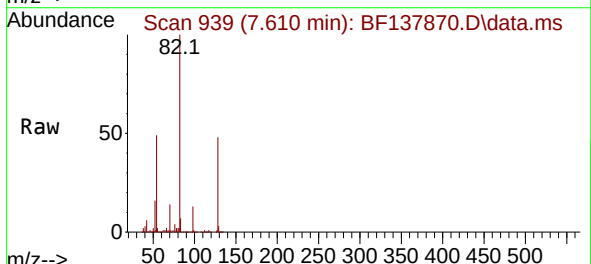
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.2	19.8
71	34.4	25.0	37.4

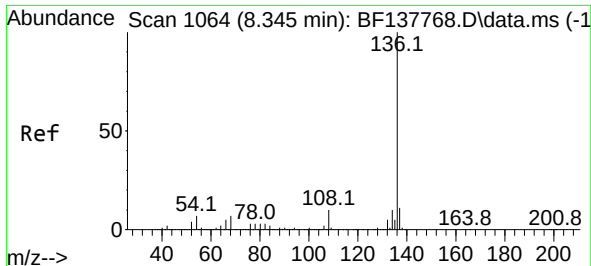


#19
n-Nitroso-di-n-propylamine
Concen: 16.893 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137870.D
Acq: 09 May 2024 18:27

Tgt Ion: 70 Resp: 124583

Ion	Ratio	Lower	Upper
70	100		
42	43.5	44.6	66.8#
101	0.0	7.8	11.6#
130	2.2	17.5	26.3#



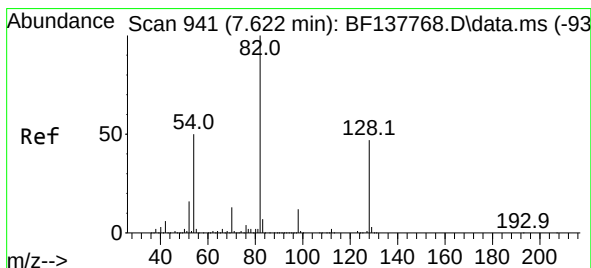
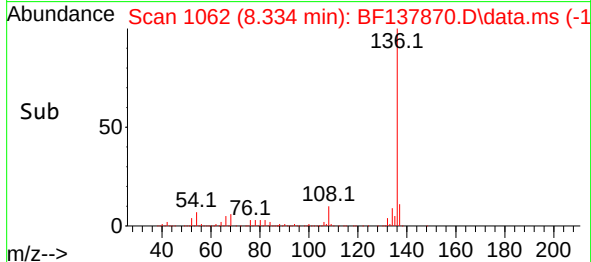
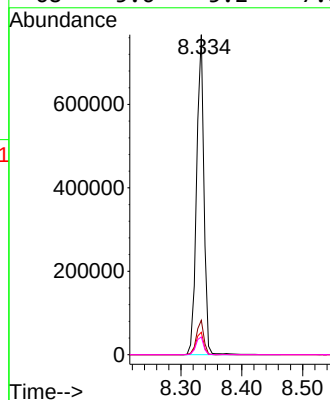
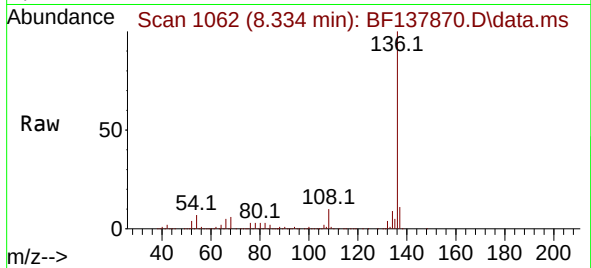


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137870.D
Acq: 09 May 2024 18:27

Instrument :
BNA_F
ClientSampleId :
WC-CC

Tgt Ion:136 Resp: 644072

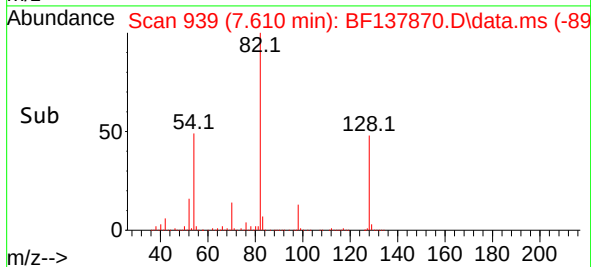
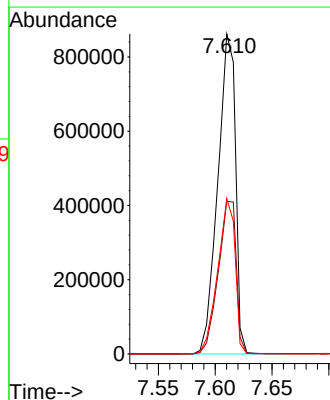
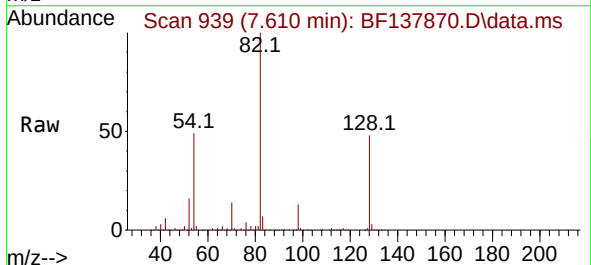
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.0	5.8	8.8
68	5.6	5.2	7.8

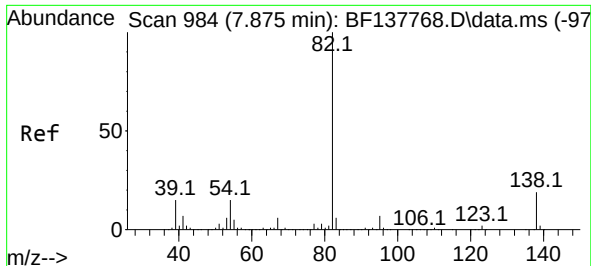


#23
Nitrobenzene-d5
Concen: 84.678 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137870.D
Acq: 09 May 2024 18:27

Tgt Ion: 82 Resp: 938733

Ion	Ratio	Lower	Upper
82	100		
128	47.7	37.5	56.3
54	48.5	39.8	59.6

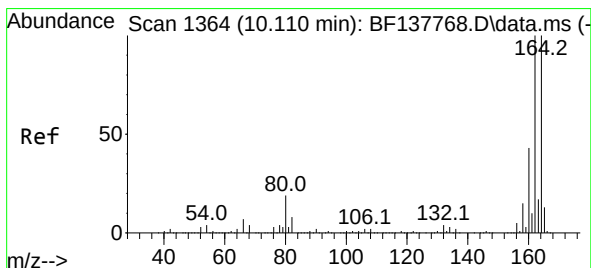
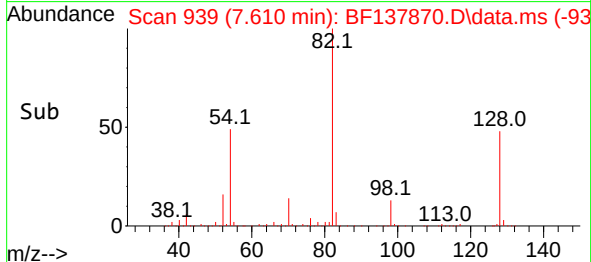
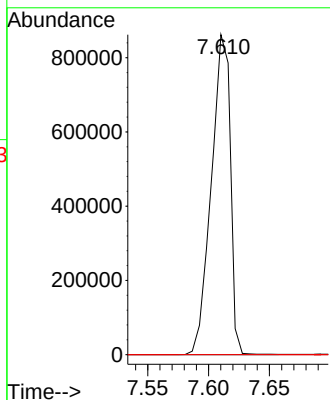
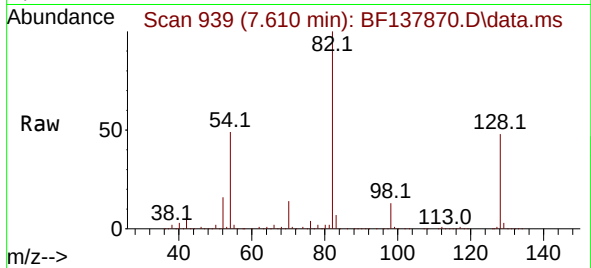




#25
Isophorone
Concen: 46.964 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137870.D
Acq: 09 May 2024 18:27

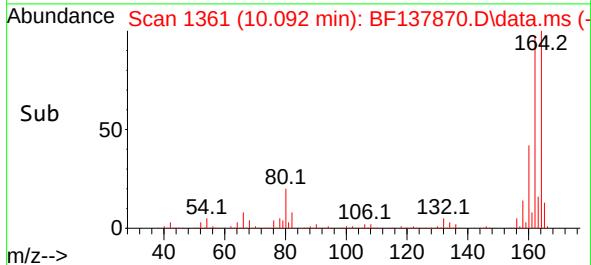
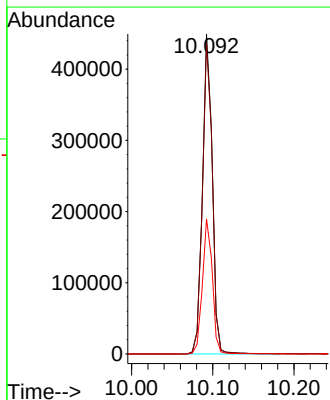
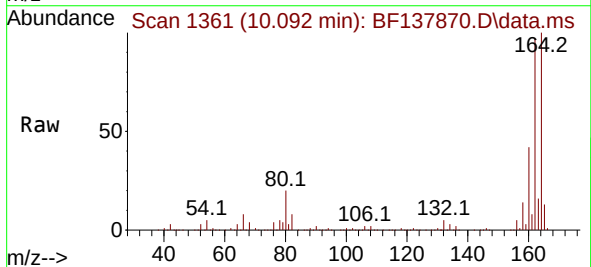
Instrument :
BNA_F
ClientSampleId :
WC-CC

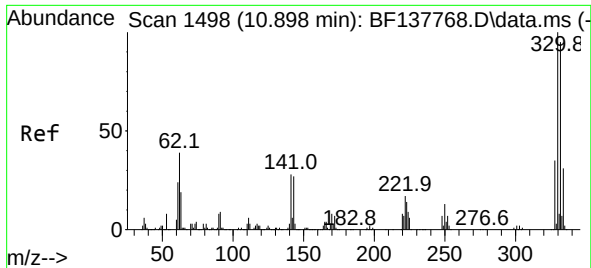
Tgt Ion: 82 Resp: 938721
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.018 min
Lab File: BF137870.D
Acq: 09 May 2024 18:27

Tgt Ion:164 Resp: 375845
Ion Ratio Lower Upper
164 100
162 97.1 79.8 119.6
160 42.2 34.4 51.6

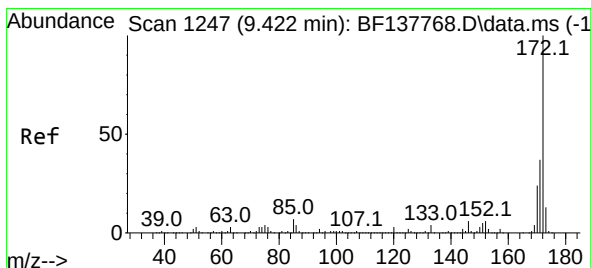
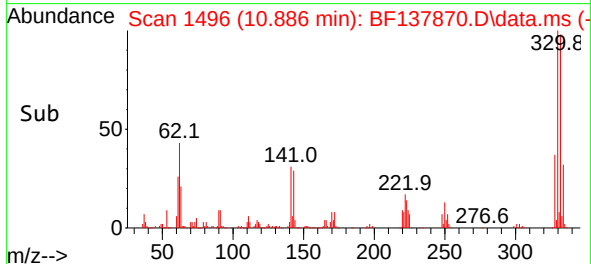
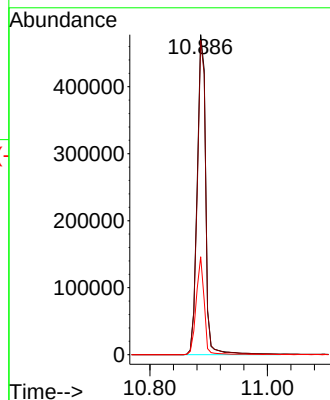
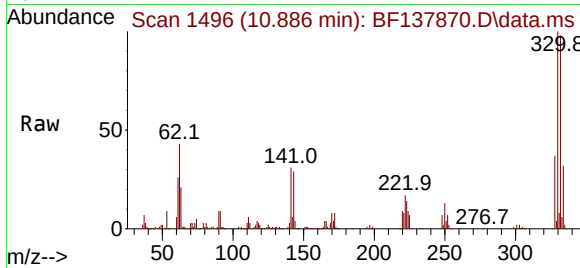




#42
2,4,6-Tribromophenol
Concen: 124.670 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF137870.D
Acq: 09 May 2024 18:27

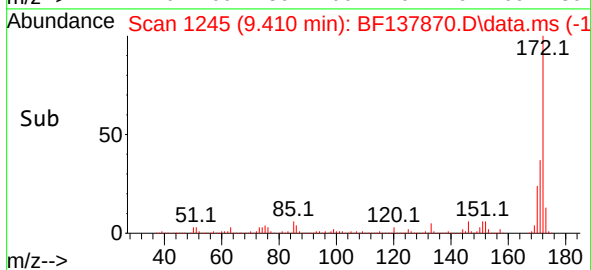
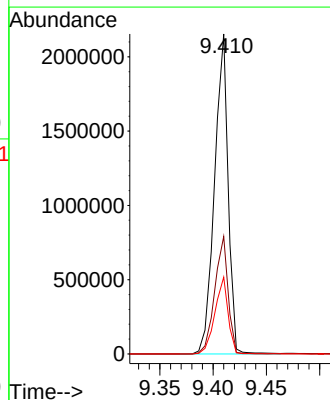
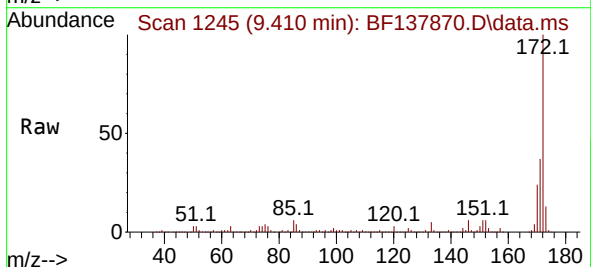
Instrument :
BNA_F
ClientSampleId :
WC-CC

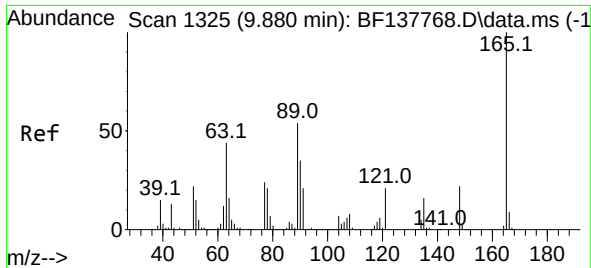
Tgt Ion:330 Resp: 478416
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 28.6 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 82.780 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137870.D
Acq: 09 May 2024 18:27

Tgt Ion:172 Resp: 1917730
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.0 19.4 29.2

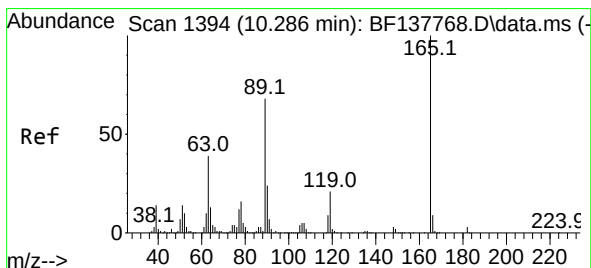
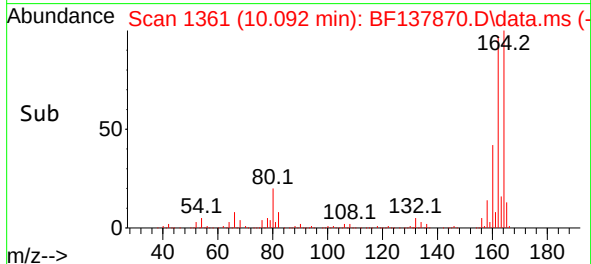
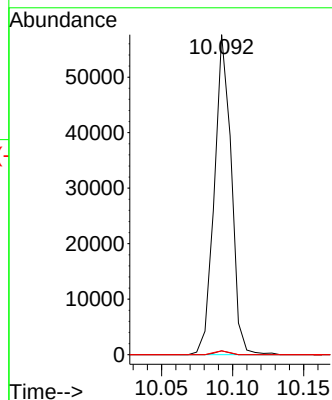
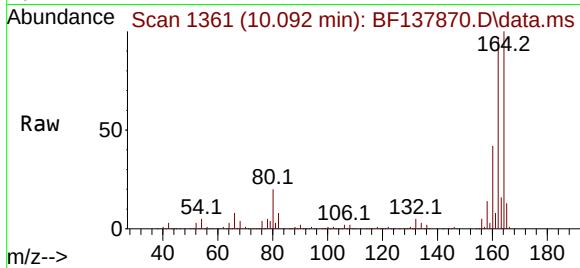




#51
2,6-Dinitrotoluene
Concen: 8.801 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.212 min
Lab File: BF137870.D
Acq: 09 May 2024 18:27

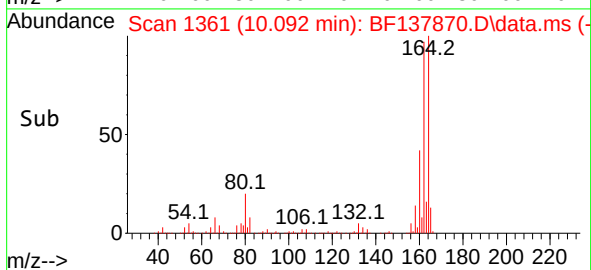
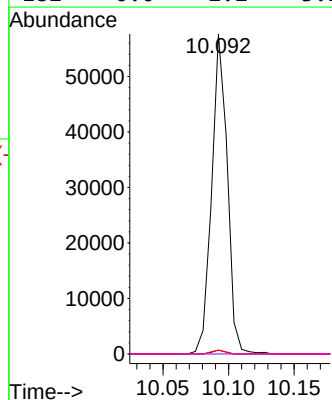
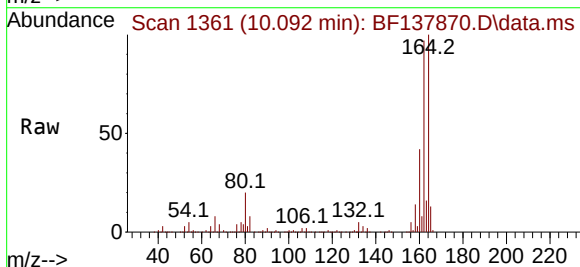
Instrument :
BNA_F
ClientSampleId :
WC-CC

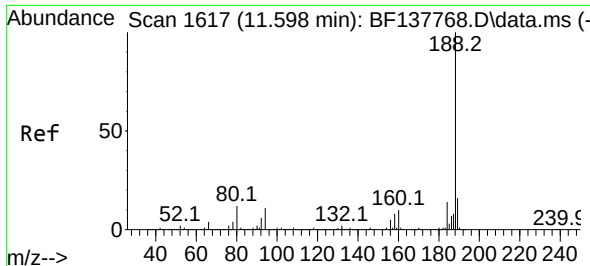
Tgt Ion:165 Resp: 47720
Ion Ratio Lower Upper
165 100
63 1.2 41.9 62.9#
89 1.2 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.737 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.194 min
Lab File: BF137870.D
Acq: 09 May 2024 18:27

Tgt Ion:165 Resp: 47721
Ion Ratio Lower Upper
165 100
63 1.2 31.3 46.9#
89 1.2 54.2 81.4#
182 0.0 2.2 3.2#

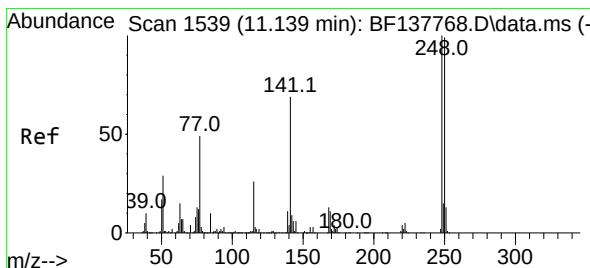
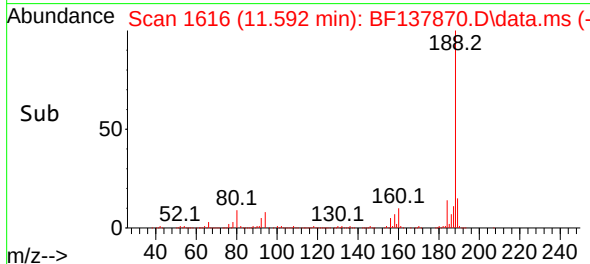
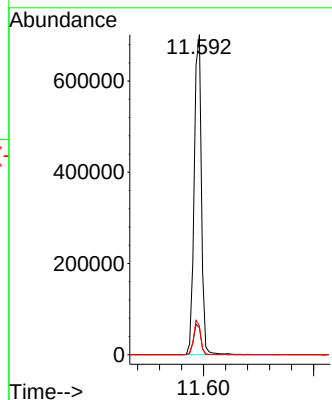
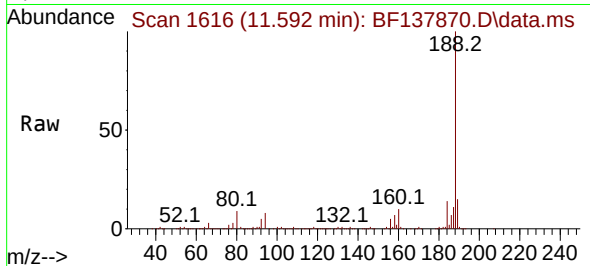




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137870.D
Acq: 09 May 2024 18:27

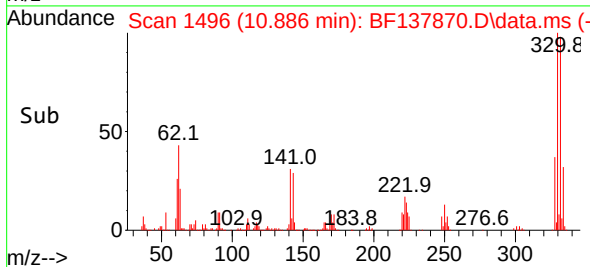
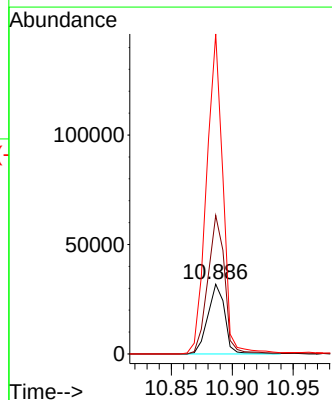
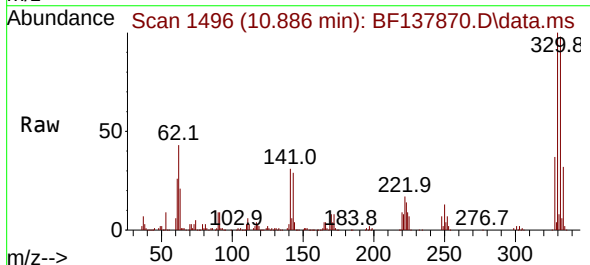
Instrument :
BNA_F
ClientSampleId :
WC-CC

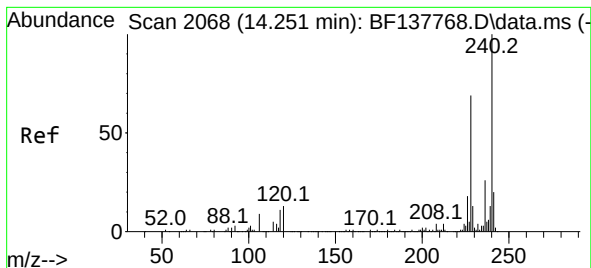
Tgt Ion:188 Resp: 632949
Ion Ratio Lower Upper
188 100
94 8.4 8.8 13.2#
80 9.0 9.6 14.4#



#67
4-Bromophenyl-phenylether
Concen: 4.571 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.253 min
Lab File: BF137870.D
Acq: 09 May 2024 18:27

Tgt Ion:248 Resp: 30961
Ion Ratio Lower Upper
248 100
250 198.6 79.1 118.7#
141 458.5 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.239 min Scan# 2066

Delta R.T. -0.012 min

Lab File: BF137870.D

Acq: 09 May 2024 18:27

Instrument :

BNA_F

ClientSampleId :

WC-CC

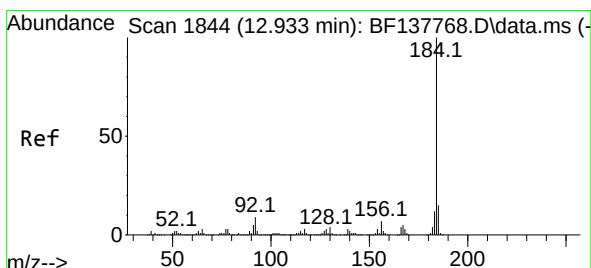
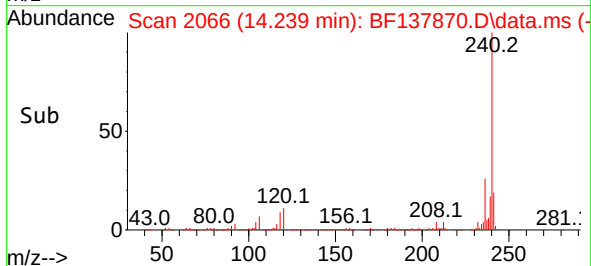
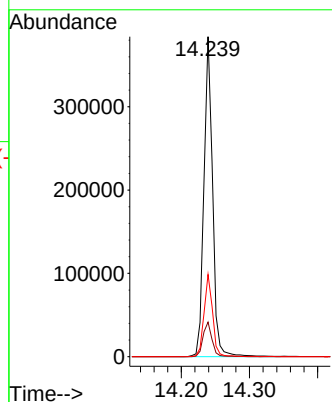
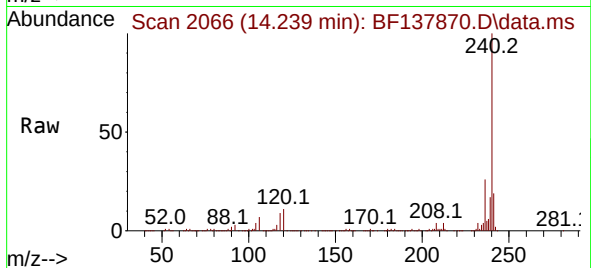
Tgt Ion:240 Resp: 340552

Ion Ratio Lower Upper

240 100

120 10.8 10.4 15.6

236 25.7 20.4 30.6



#77

Benzidine

Concen: 2.985 ng

RT: 13.180 min Scan# 1886

Delta R.T. 0.247 min

Lab File: BF137870.D

Acq: 09 May 2024 18:27

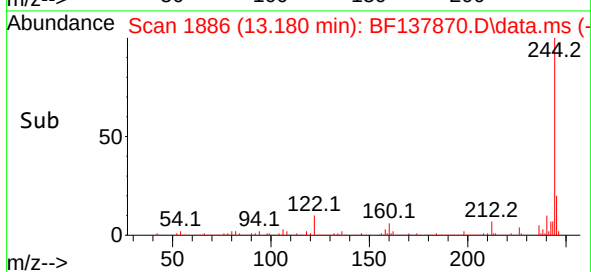
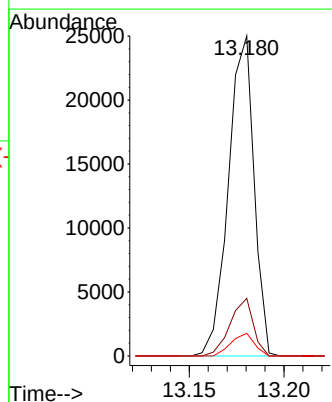
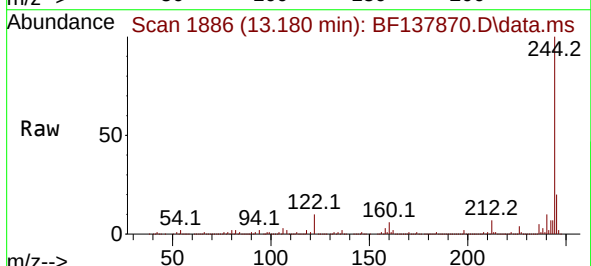
Tgt Ion:184 Resp: 23511

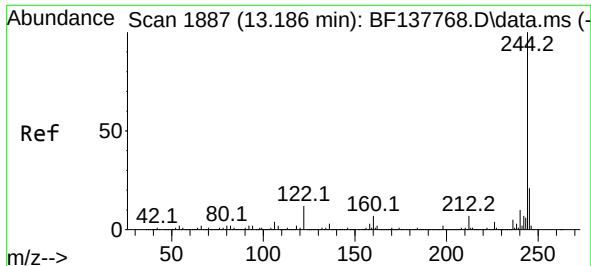
Ion Ratio Lower Upper

184 100

185 18.0 12.3 18.5

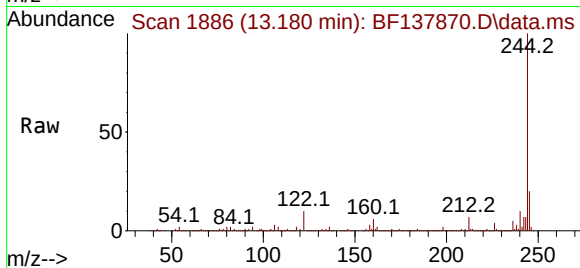
183 7.1 9.2 13.8#



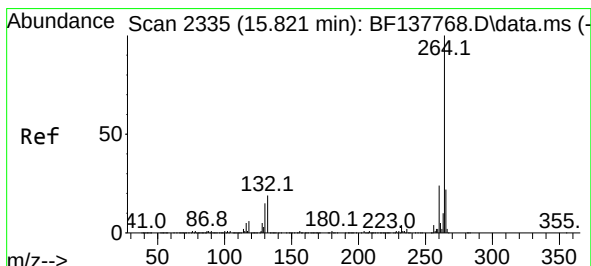
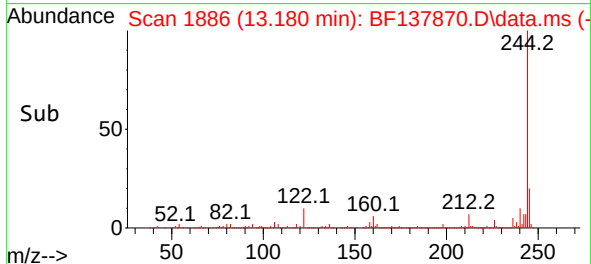
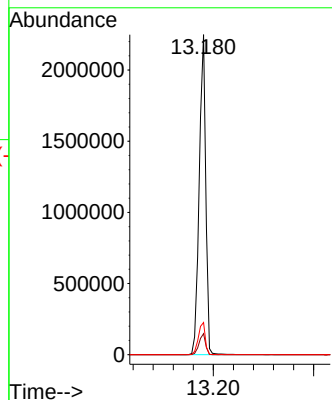


#79
Terphenyl-d14
Concen: 99.382 ng
RT: 13.180 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BF137870.D
Acq: 09 May 2024 18:27

Instrument :
BNA_F
ClientSampleId :
WC-CC



Tgt Ion:244 Resp: 2019536
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 10.0 9.4 14.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.810 min Scan# 2333
Delta R.T. -0.012 min
Lab File: BF137870.D
Acq: 09 May 2024 18:27

Tgt Ion:264 Resp: 286367
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 21.5 17.4 26.0

