

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050724\
 Data File : BF137848.D
 Acq On : 07 May 2024 15:37
 Operator : CG\JU
 Sample : P2398-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-KK

Quant Time: May 07 16:15:16 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)

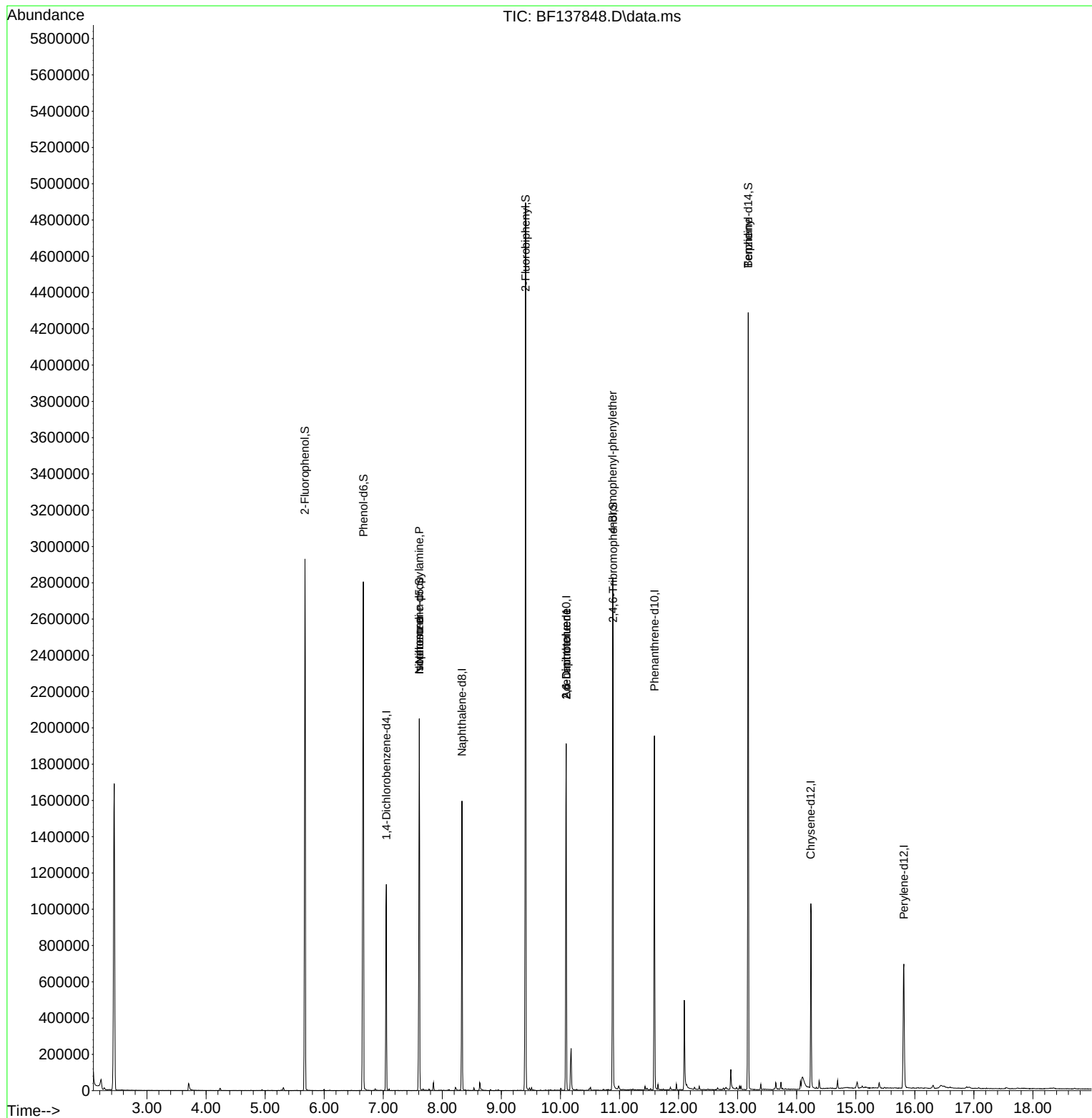
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	171930	20.000	ng	0.00
21) Naphthalene-d8	8.333	136	683153	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	401000	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	655808	20.000	ng	0.00
76) Chrysene-d12	14.239	240	354062	20.000	ng	-0.01
86) Perylene-d12	15.815	264	337263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	895403	87.196	ng	0.00
7) Phenol-d6	6.663	99	1128566	86.646	ng	-0.01
23) Nitrobenzene-d5	7.610	82	701775	59.682	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	373923	91.327	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1470852	59.508	ng	-0.01
79) Terphenyl-d14	13.180	244	1418838	67.157	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.610	70	91952	11.813	ng	# 75
25) Isophorone	7.610	82	701769	33.101	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	52564	9.086	ng	# 27
57) 2,4-Dinitrotoluene	10.098	165	52564	6.955	ng	# 26
67) 4-Bromophenyl-phenylether	10.886	248	24826	3.537	ng	# 1
77) Benzidine	13.180	184	18179	2.220	ng	# 93

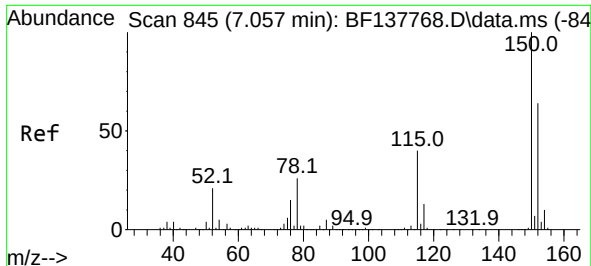
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

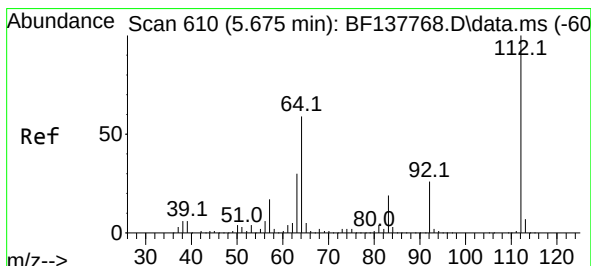
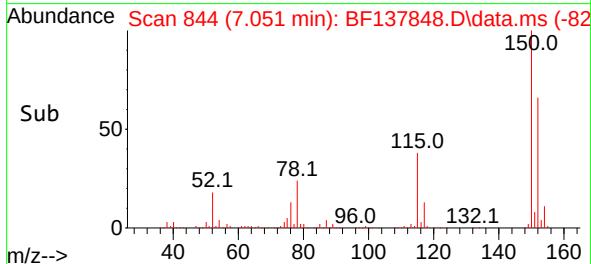
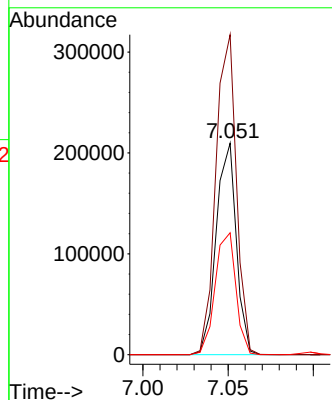
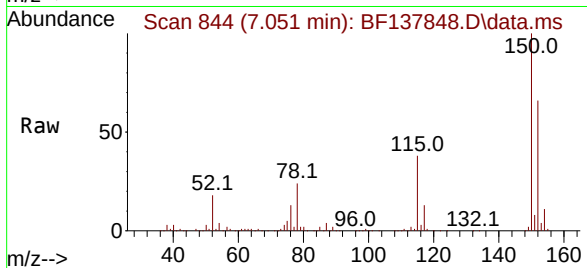




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137848.D
Acq: 07 May 2024 15:37

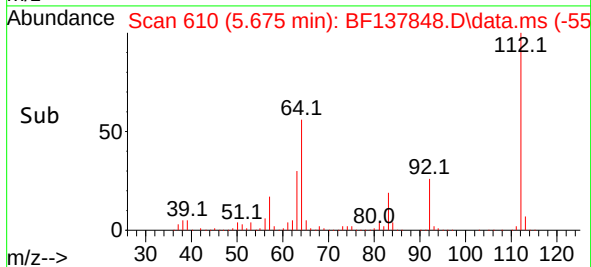
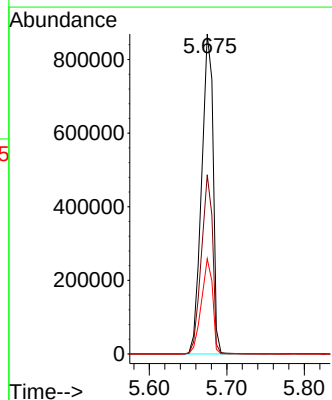
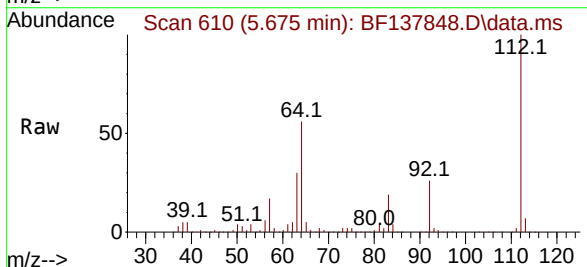
Instrument :
BNA_F
ClientSampleId :
WC-KK

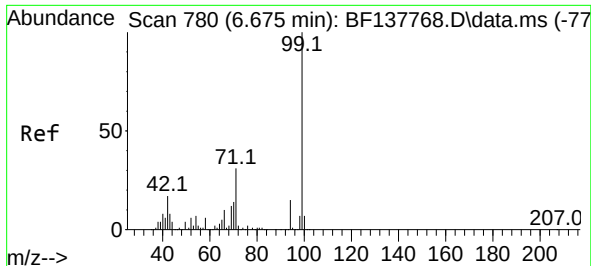
Tgt Ion:152 Resp: 171930
Ion Ratio Lower Upper
152 100
150 151.3 124.1 186.1
115 57.7 49.1 73.7



#5
2-Fluorophenol
Concen: 87.196 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF137848.D
Acq: 07 May 2024 15:37

Tgt Ion:112 Resp: 895403
Ion Ratio Lower Upper
112 100
64 56.0 47.3 70.9
63 29.7 23.7 35.5

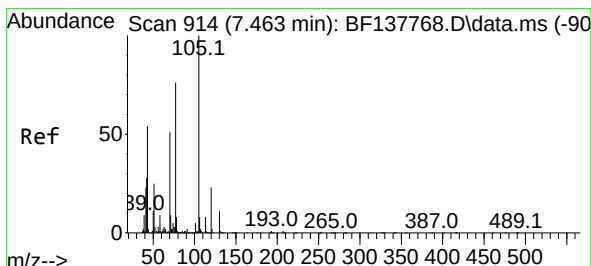
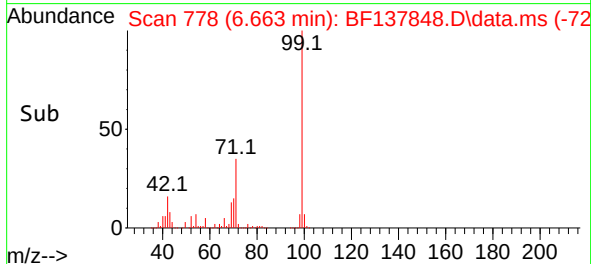
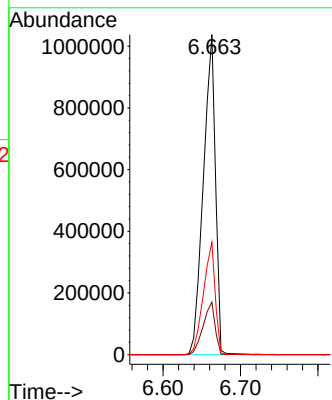
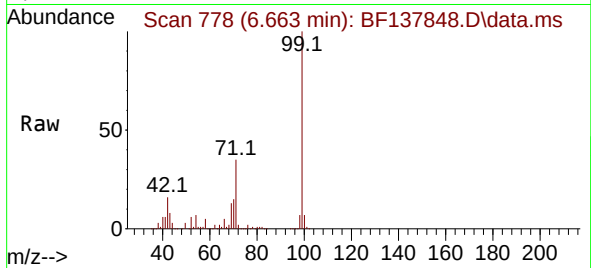




#7
Phenol-d6
Concen: 86.646 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137848.D
Acq: 07 May 2024 15:37

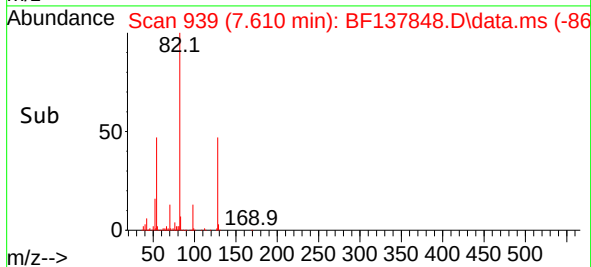
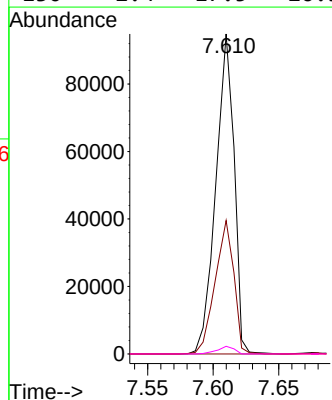
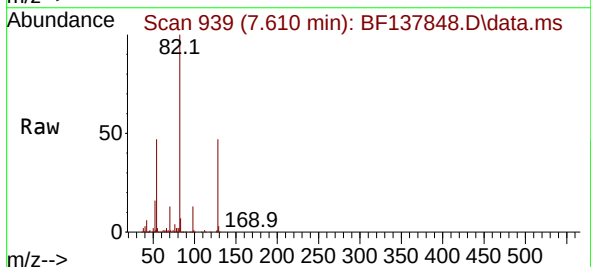
Instrument :
BNA_F
ClientSampleId :
WC-KK

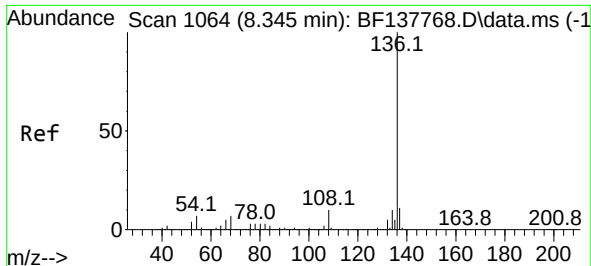
Tgt Ion: 99 Resp: 1128566
Ion Ratio Lower Upper
99 100
42 16.4 13.2 19.8
71 35.1 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.813 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137848.D
Acq: 07 May 2024 15:37

Tgt Ion: 70 Resp: 91952
Ion Ratio Lower Upper
70 100
42 41.7 44.6 66.8#
101 0.0 7.8 11.6#
130 2.4 17.5 26.3#



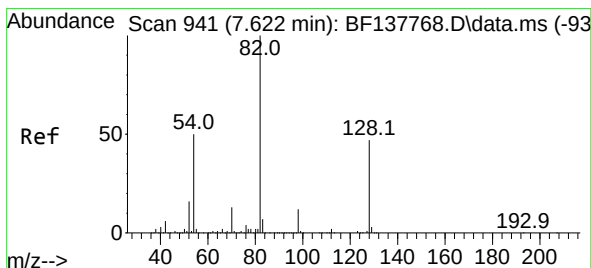
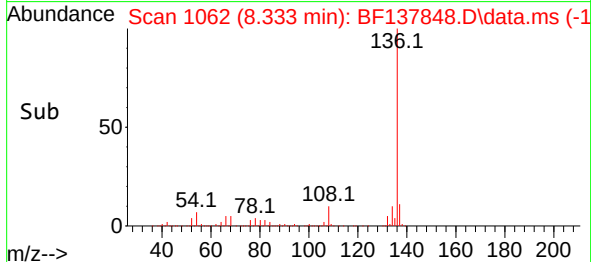
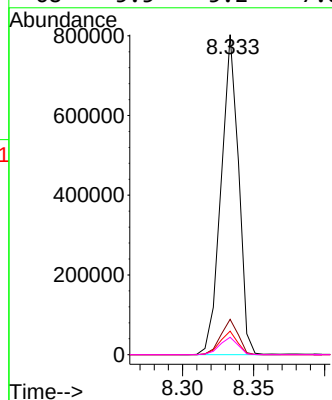
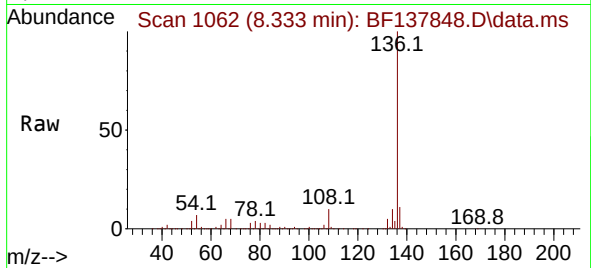


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137848.D
Acq: 07 May 2024 15:37

Instrument :
BNA_F
ClientSampleId :
WC-KK

Tgt Ion:136 Resp: 683153

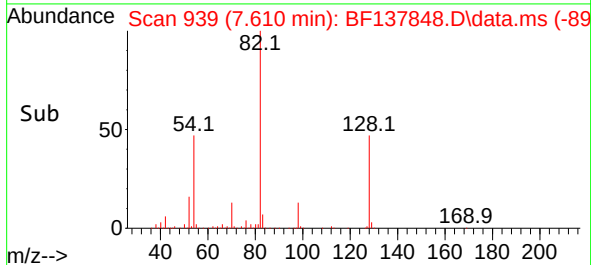
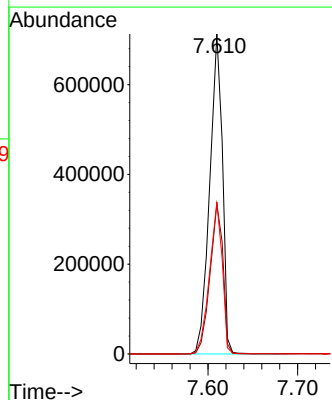
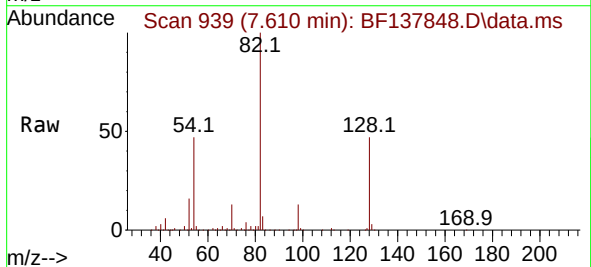
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.3	5.8	8.8
68	5.5	5.2	7.8

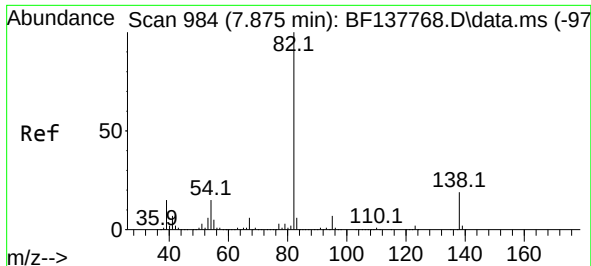


#23
Nitrobenzene-d5
Concen: 59.682 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137848.D
Acq: 07 May 2024 15:37

Tgt Ion: 82 Resp: 701775

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.5	56.3
54	47.5	39.8	59.6

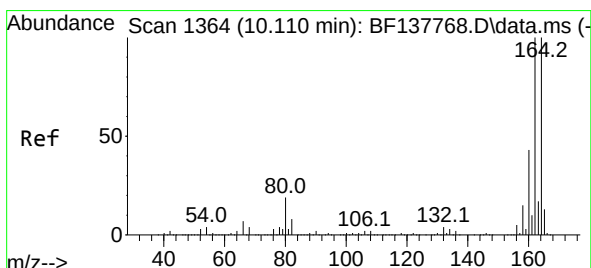
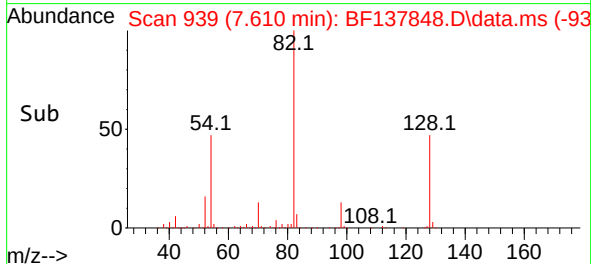
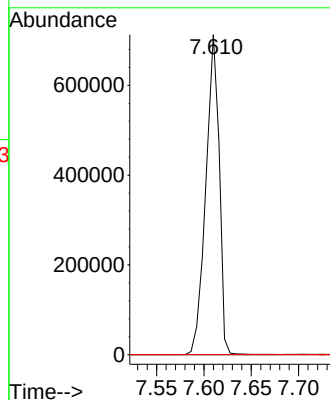
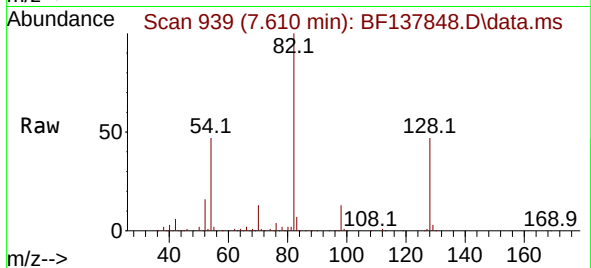




#25
Isophorone
Concen: 33.101 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137848.D
Acq: 07 May 2024 15:37

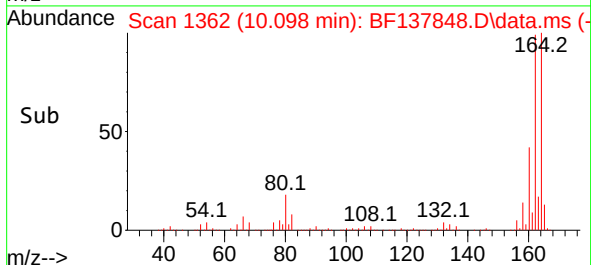
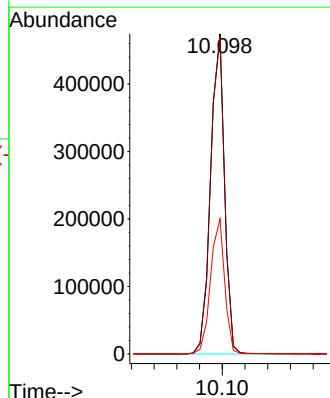
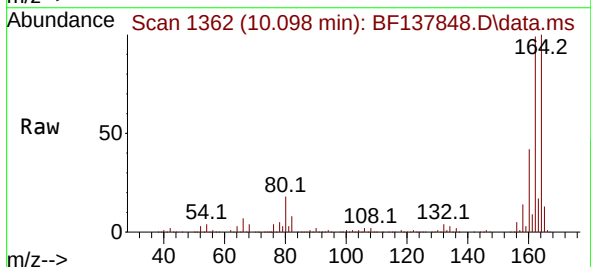
Instrument :
BNA_F
ClientSampleId :
WC-KK

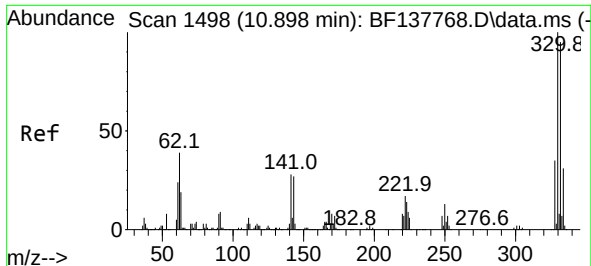
Tgt Ion: 82 Resp: 701769
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137848.D
Acq: 07 May 2024 15:37

Tgt Ion:164 Resp: 401000
Ion Ratio Lower Upper
164 100
162 99.2 79.8 119.6
160 42.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 91.327 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137848.D

Acq: 07 May 2024 15:37

Instrument :

BNA_F

ClientSampleId :

WC-KK

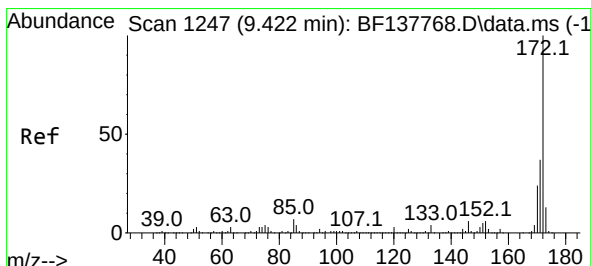
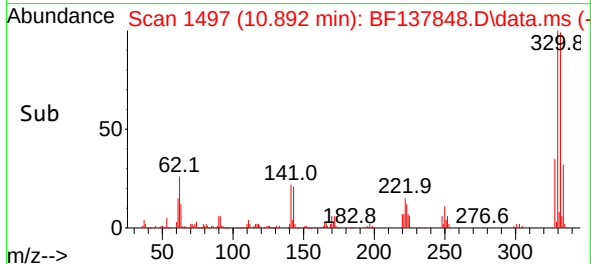
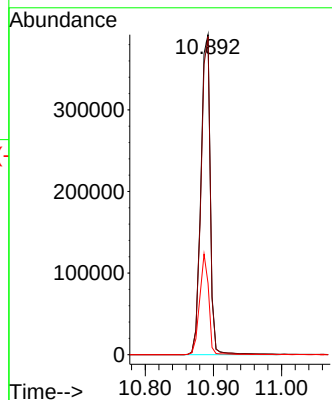
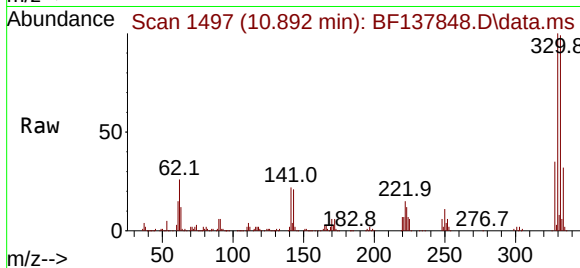
Tgt Ion:330 Resp: 373923

Ion Ratio Lower Upper

330 100

332 97.9 77.3 115.9

141 30.2 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 59.508 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137848.D

Acq: 07 May 2024 15:37

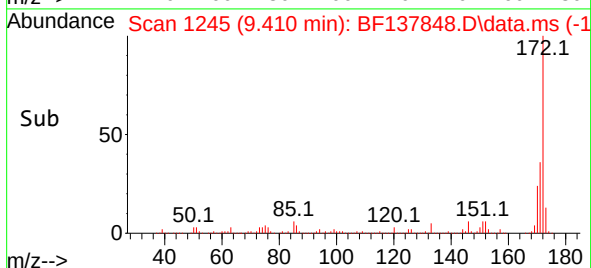
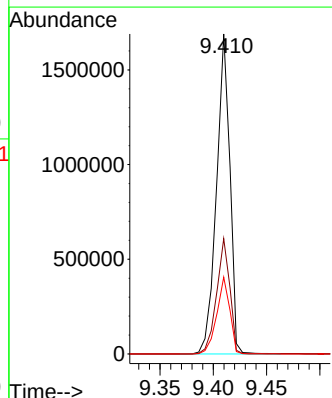
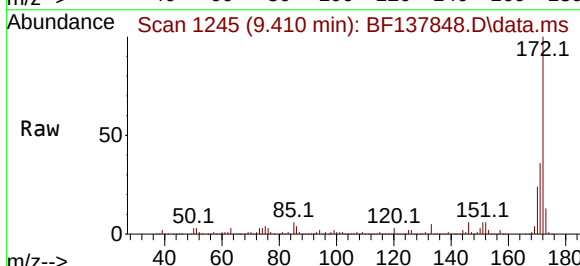
Tgt Ion:172 Resp: 1470852

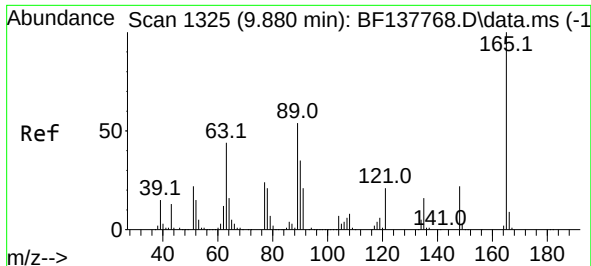
Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

170 24.0 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 9.086 ng

RT: 10.098 min Scan# 1362

Delta R.T. 0.217 min

Lab File: BF137848.D

Acq: 07 May 2024 15:37

Instrument :

BNA_F

ClientSampleId :

WC-KK

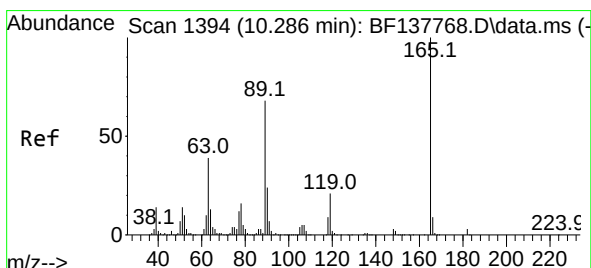
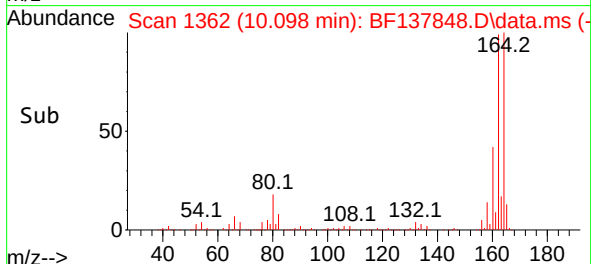
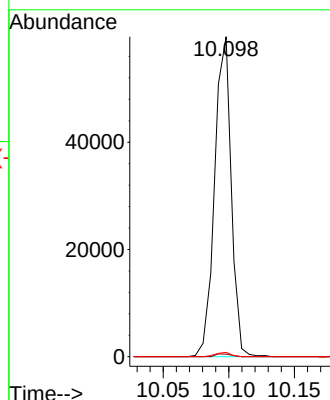
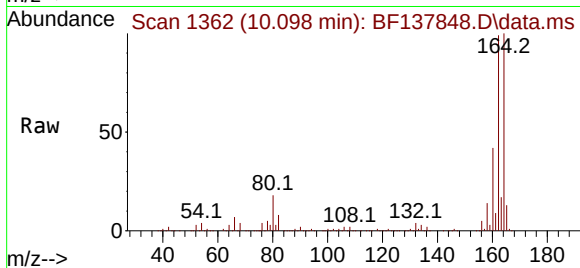
Tgt Ion:165 Resp: 52564

Ion Ratio Lower Upper

165 100

63 0.8 41.9 62.9#

89 1.3 43.2 64.8#



#57

2,4-Dinitrotoluene

Concen: 6.955 ng

RT: 10.098 min Scan# 1362

Delta R.T. -0.188 min

Lab File: BF137848.D

Acq: 07 May 2024 15:37

Tgt Ion:165 Resp: 52564

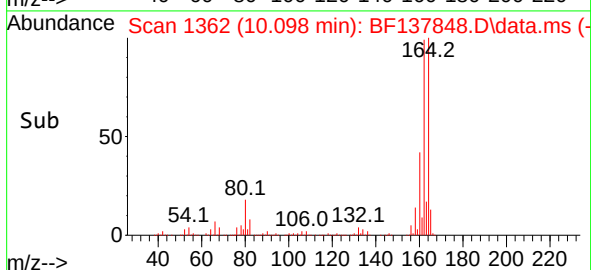
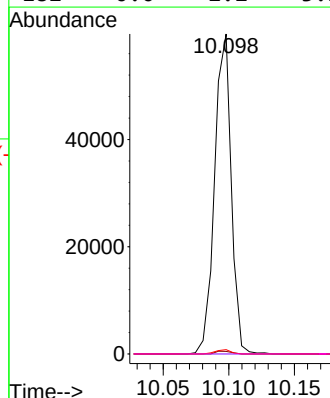
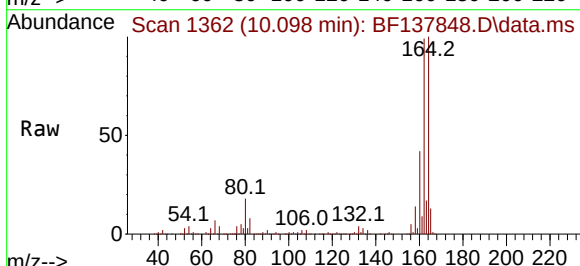
Ion Ratio Lower Upper

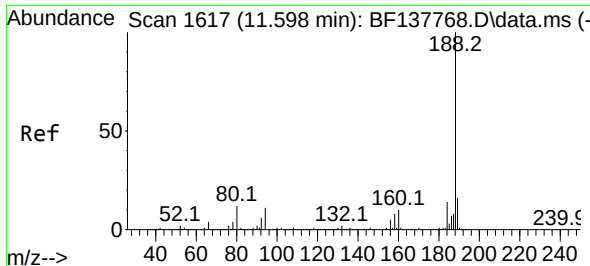
165 100

63 0.8 31.3 46.9#

89 1.3 54.2 81.4#

182 0.0 2.2 3.2#

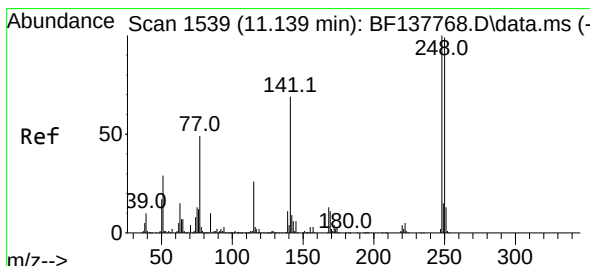
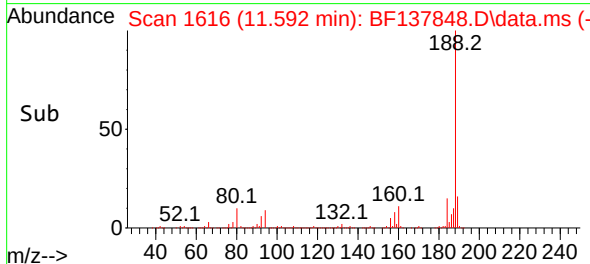
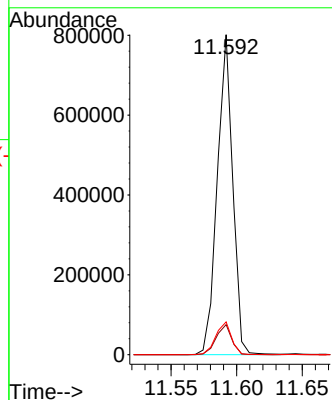
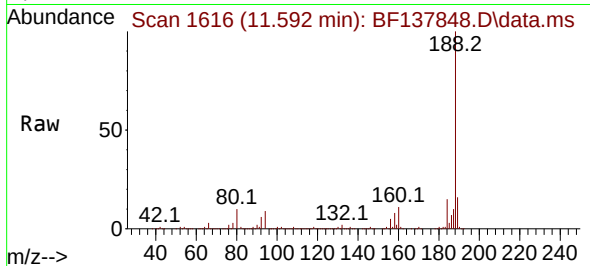




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137848.D
Acq: 07 May 2024 15:37

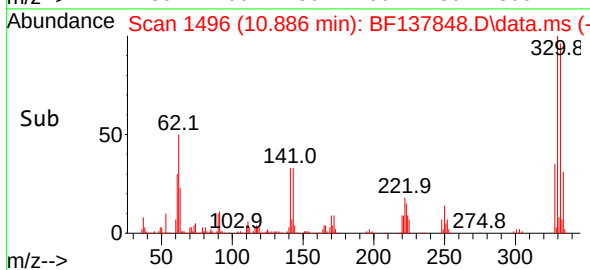
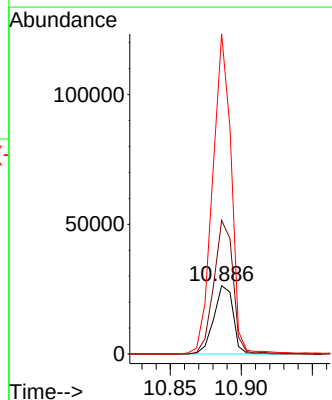
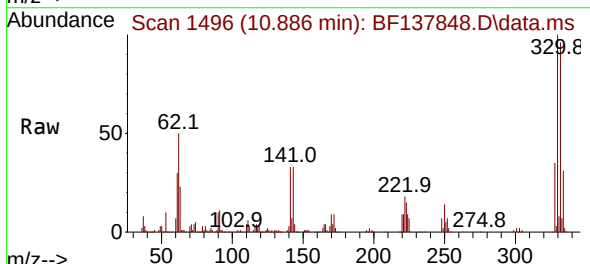
Instrument :
BNA_F
ClientSampleId :
WC-KK

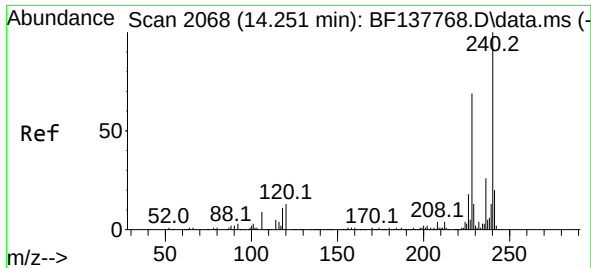
Tgt Ion:188 Resp: 655808
Ion Ratio Lower Upper
188 100
94 9.4 8.8 13.2
80 10.2 9.6 14.4



#67
4-Bromophenyl-phenylether
Concen: 3.537 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.253 min
Lab File: BF137848.D
Acq: 07 May 2024 15:37

Tgt Ion:248 Resp: 24826
Ion Ratio Lower Upper
248 100
250 195.8 79.1 118.7#
141 468.8 55.4 83.2#

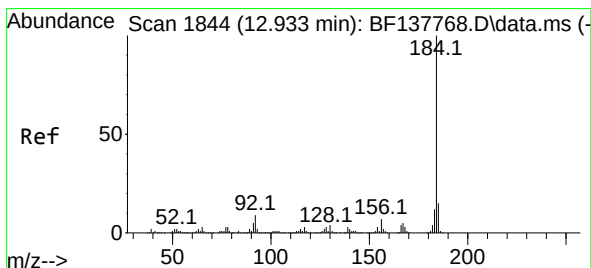
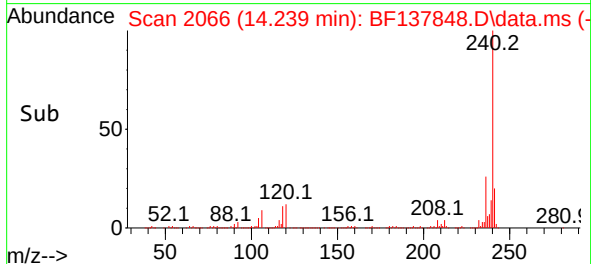
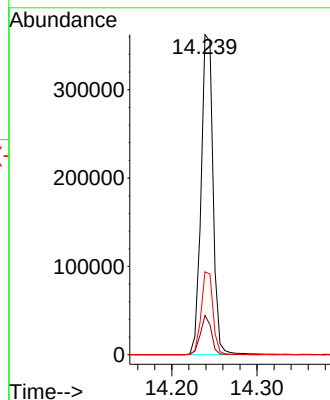
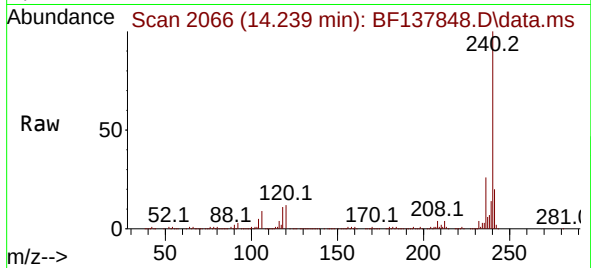




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137848.D
Acq: 07 May 2024 15:37

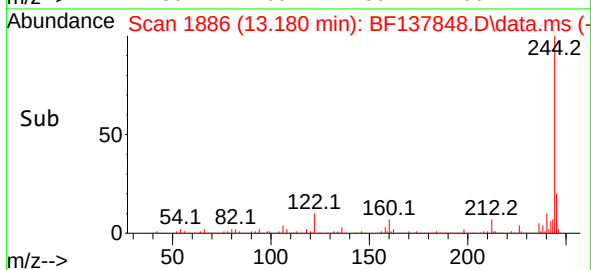
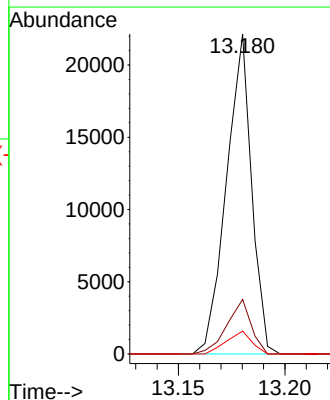
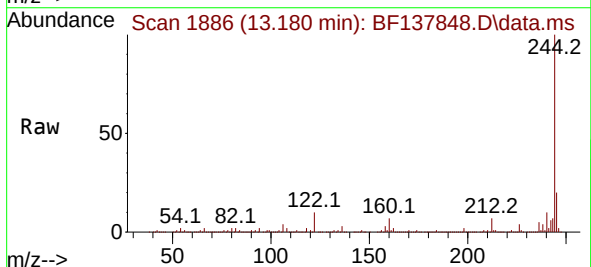
Instrument :
BNA_F
ClientSampleId :
WC-KK

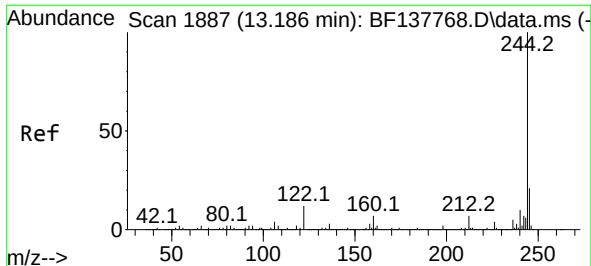
Tgt Ion:240 Resp: 354062
Ion Ratio Lower Upper
240 100
120 12.2 10.4 15.6
236 25.9 20.4 30.6



#77
Benzidine
Concen: 2.220 ng
RT: 13.180 min Scan# 1886
Delta R.T. 0.247 min
Lab File: BF137848.D
Acq: 07 May 2024 15:37

Tgt Ion:184 Resp: 18179
Ion Ratio Lower Upper
184 100
185 17.0 12.3 18.5
183 7.1 9.2 13.8#

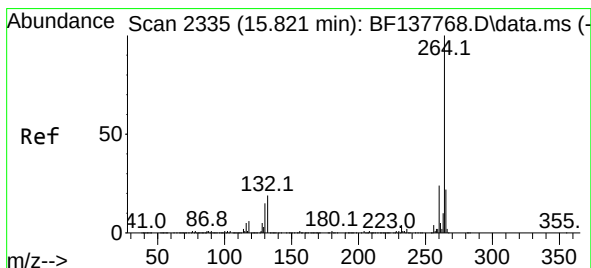
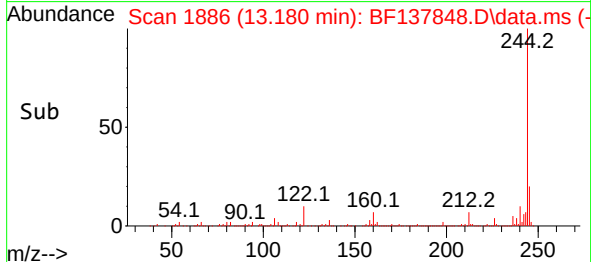
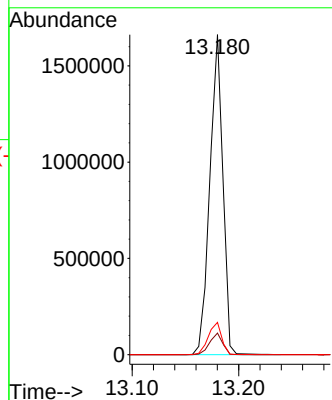
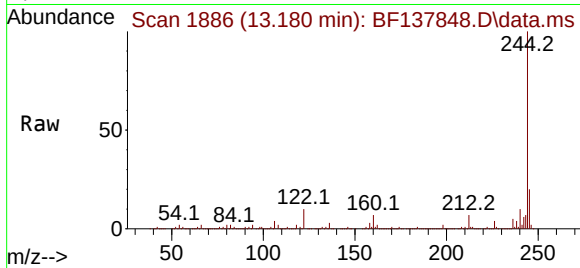




#79
 Terphenyl-d14
 Concen: 67.157 ng
 RT: 13.180 min Scan# 1886
 Delta R.T. -0.006 min
 Lab File: BF137848.D
 Acq: 07 May 2024 15:37

Instrument :
 BNA_F
 ClientSampleId :
 WC-KK

Tgt Ion:244 Resp: 1418838
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.1 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.815 min Scan# 2334
 Delta R.T. -0.006 min
 Lab File: BF137848.D
 Acq: 07 May 2024 15:37

Tgt Ion:264 Resp: 337263
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.9 28.3
 265 23.0 17.4 26.0

