

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
 Data File : BF137866.D
 Acq On : 09 May 2024 16:21
 Operator : CG\JU
 Sample : P2398-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-KK

Quant Time: May 09 16:43:44 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)

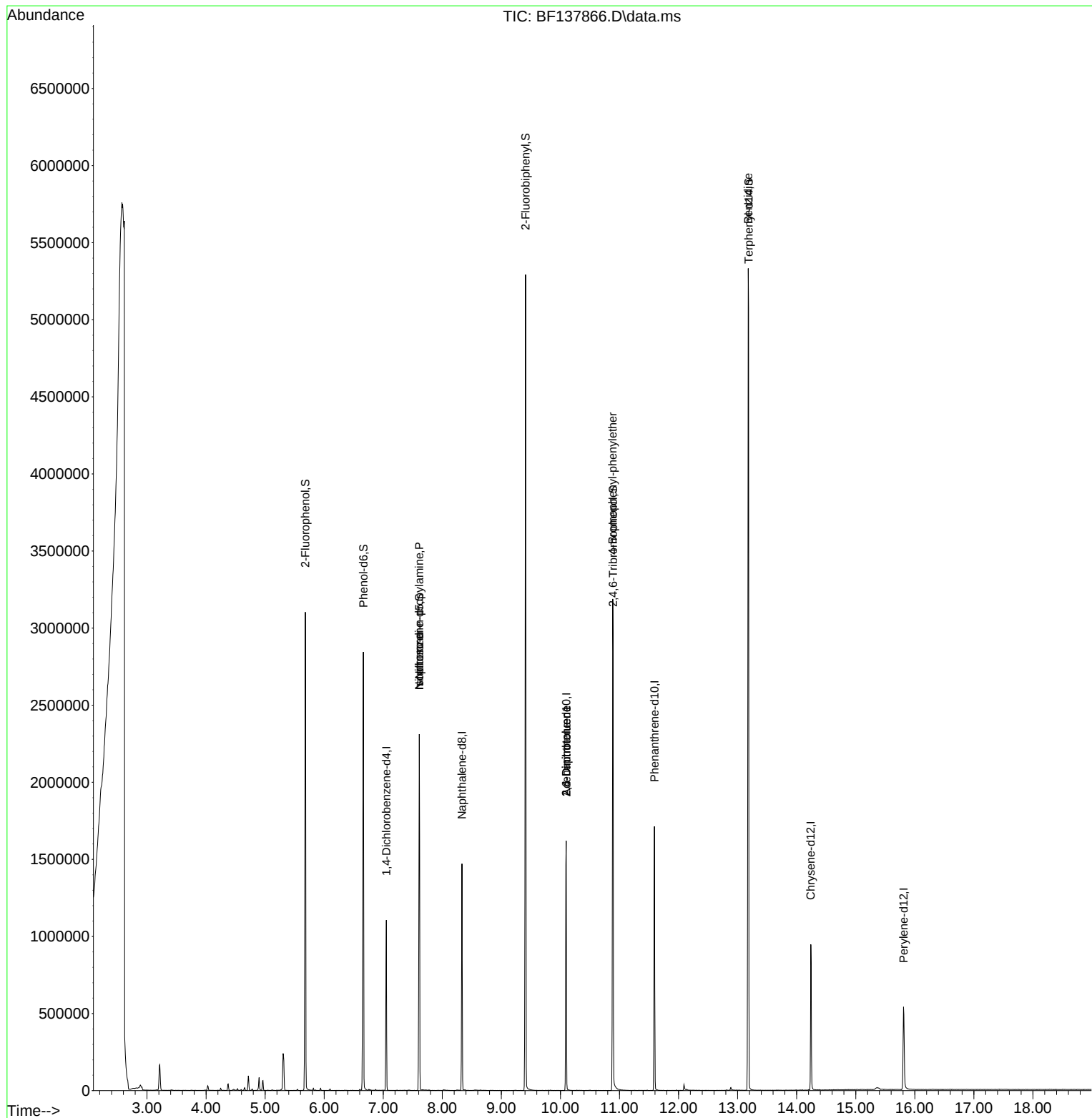
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	152627	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	597366	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	349735	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	581342	20.000	ng	0.00
76) Chrysene-d12	14.239	240	331013	20.000	ng	-0.01
86) Perylene-d12	15.810	264	274884	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	925196	101.492	ng	0.00
7) Phenol-d6	6.663	99	1070241	92.560	ng	-0.01
23) Nitrobenzene-d5	7.610	82	769020	74.793	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	456804	127.925	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1641717	76.157	ng	-0.01
79) Terphenyl-d14	13.186	244	2161769	109.447	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.610	70	101068	14.626	ng	# 78
25) Isophorone	7.610	82	769013	41.482	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	45851	9.087	ng	# 27
57) 2,4-Dinitrotoluene	10.098	165	45907	6.964	ng	# 27
67) 4-Bromophenyl-phenylether	10.886	248	29580	4.754	ng	# 1
77) Benzidine	13.180	184	26382	3.446	ng	# 93

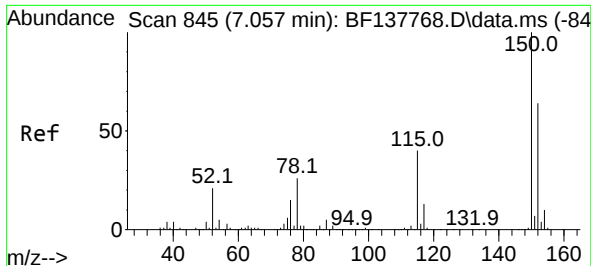
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
Data File : BF137866.D
Acq On : 09 May 2024 16:21
Operator : CG\JU
Sample : P2398-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-KK

Quant Time: May 09 16:43:44 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

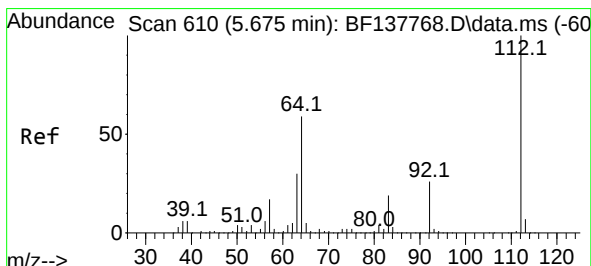
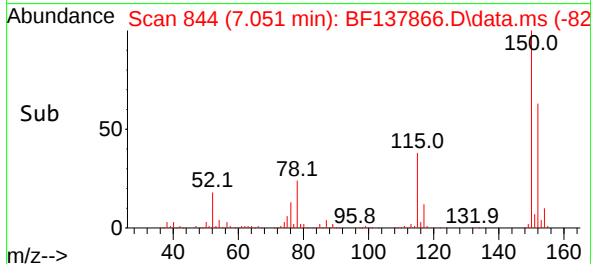
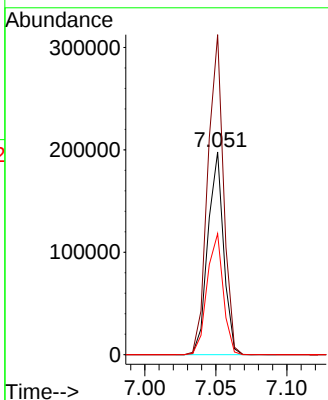
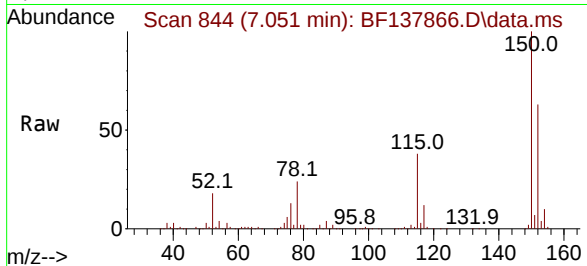




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137866.D
Acq: 09 May 2024 16:21

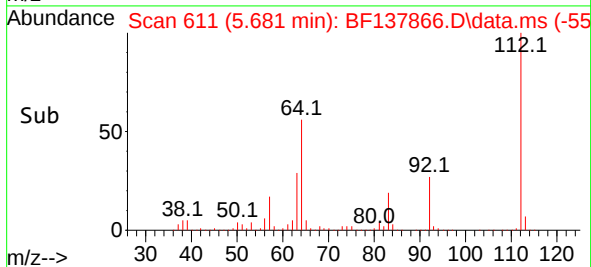
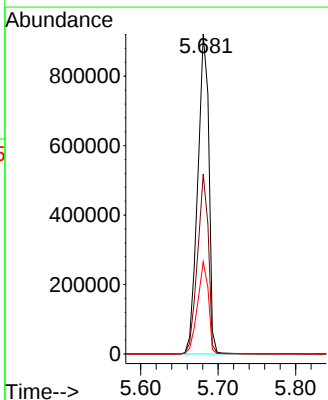
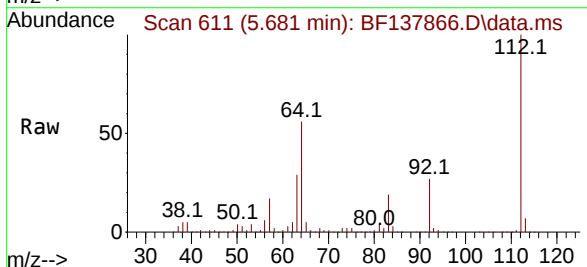
Instrument :
BNA_F
ClientSampleId :
WC-KK

Tgt Ion:152 Resp: 152627
Ion Ratio Lower Upper
152 100
150 157.9 124.1 186.1
115 59.6 49.1 73.7



#5
2-Fluorophenol
Concen: 101.492 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137866.D
Acq: 09 May 2024 16:21

Tgt Ion:112 Resp: 925196
Ion Ratio Lower Upper
112 100
64 56.3 47.3 70.9
63 28.8 23.7 35.5

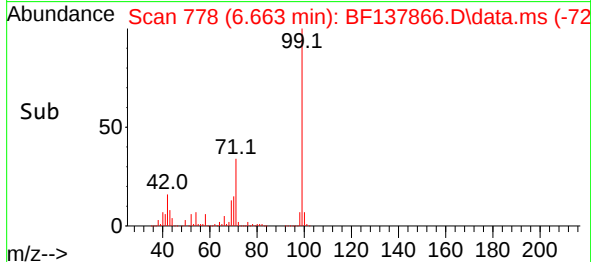
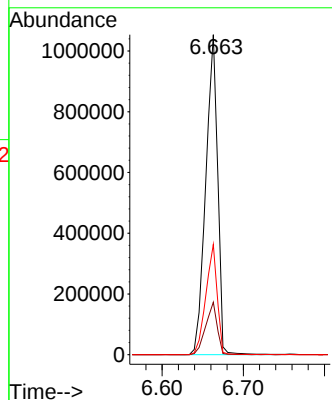
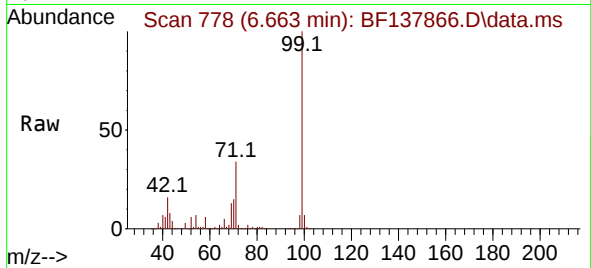




#7
Phenol-d6
Concen: 92.560 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137866.D
Acq: 09 May 2024 16:21

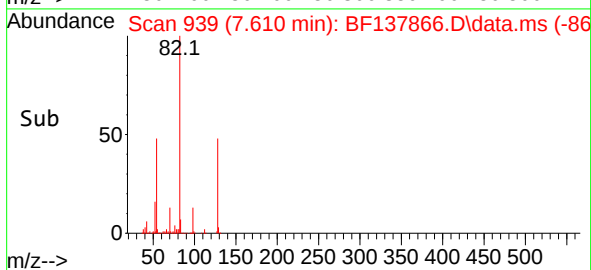
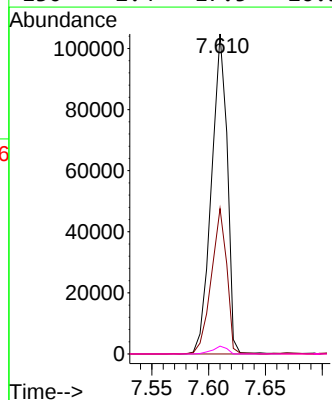
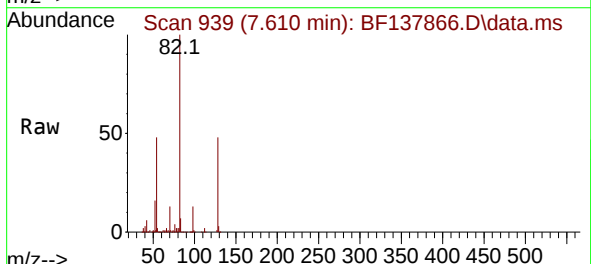
Instrument :
BNA_F
ClientSampleId :
WC-KK

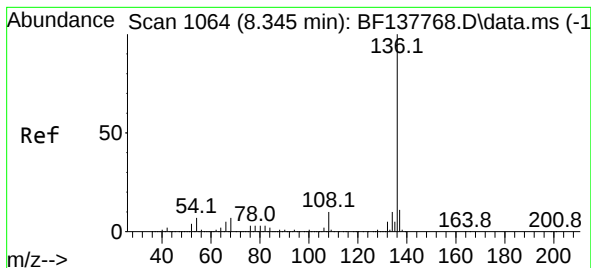
Tgt Ion: 99 Resp: 1070241
Ion Ratio Lower Upper
99 100
42 16.4 13.2 19.8
71 34.5 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.626 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137866.D
Acq: 09 May 2024 16:21

Tgt Ion: 70 Resp: 101068
Ion Ratio Lower Upper
70 100
42 45.5 44.6 66.8
101 0.0 7.8 11.6#
130 2.4 17.5 26.3#



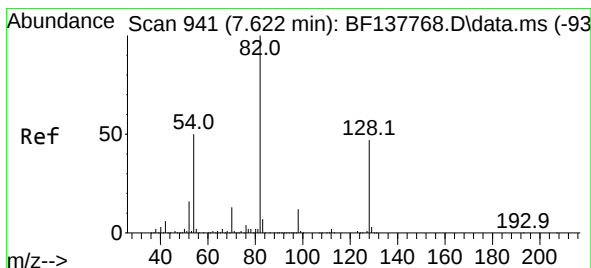
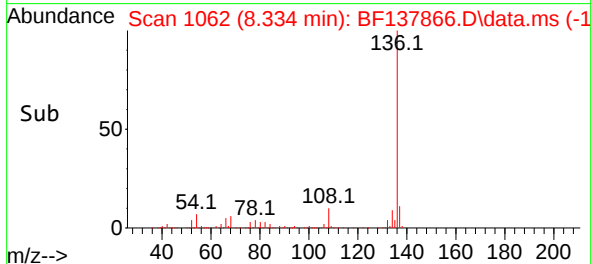
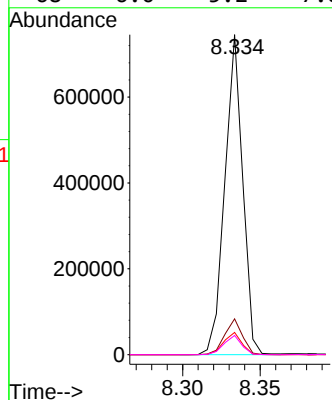
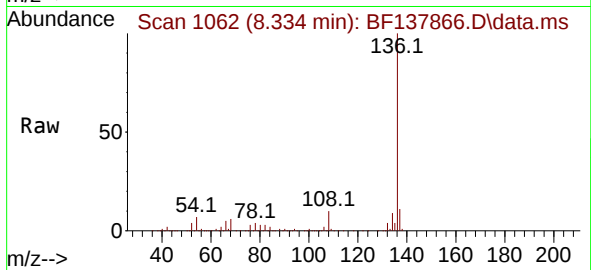


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137866.D
Acq: 09 May 2024 16:21

Instrument :
BNA_F
ClientSampleId :
WC-KK

Tgt Ion:136 Resp: 597366

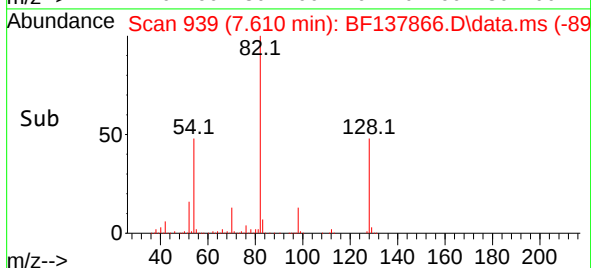
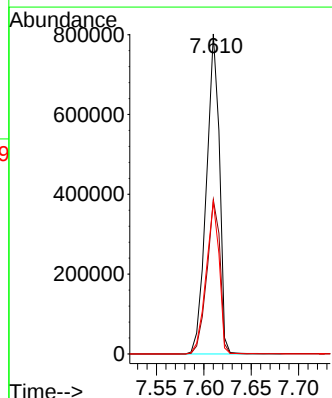
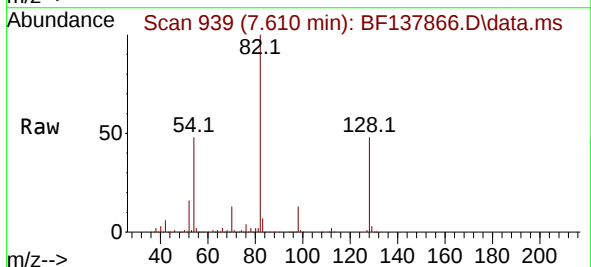
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.9	5.8	8.8
68	6.0	5.2	7.8



#23
Nitrobenzene-d5
Concen: 74.793 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137866.D
Acq: 09 May 2024 16:21

Tgt Ion: 82 Resp: 769020

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.5	56.3
54	47.6	39.8	59.6

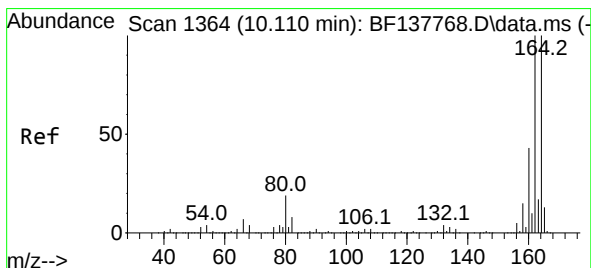
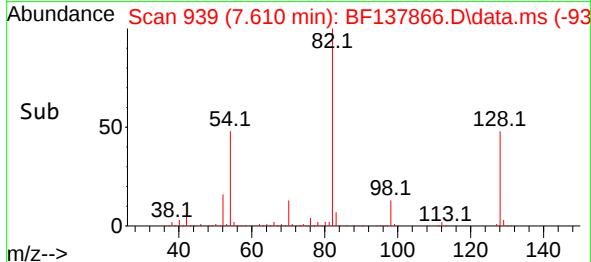
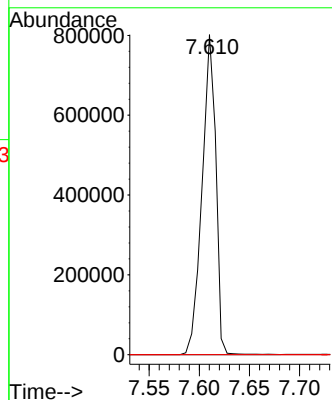
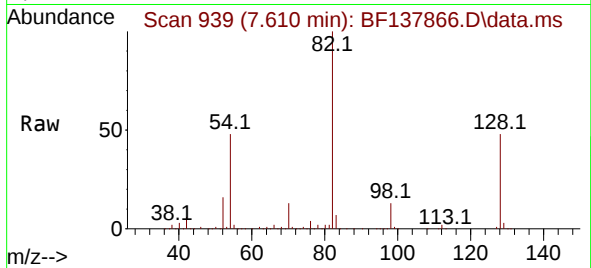




#25
Isophorone
Concen: 41.482 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137866.D
Acq: 09 May 2024 16:21

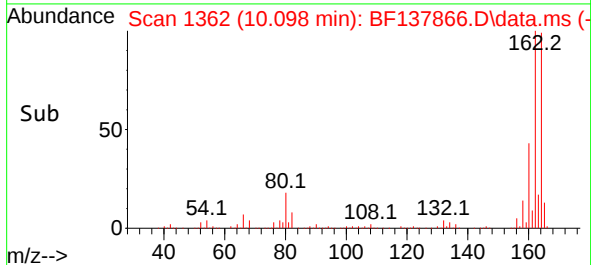
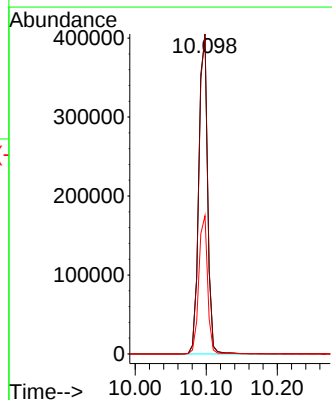
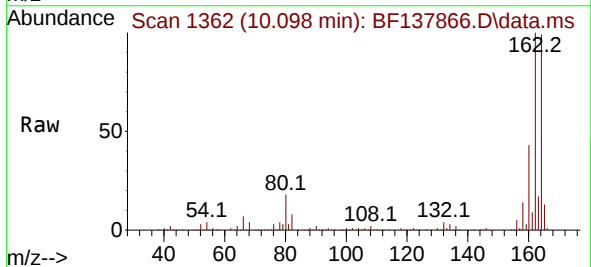
Instrument :
BNA_F
ClientSampleId :
WC-KK

Tgt Ion: 82 Resp: 769013
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: BF137866.D
Acq: 09 May 2024 16:21

Tgt Ion: 164 Resp: 349735
Ion Ratio Lower Upper
164 100
162 101.1 79.8 119.6
160 43.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 127.925 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137866.D

Acq: 09 May 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-KK

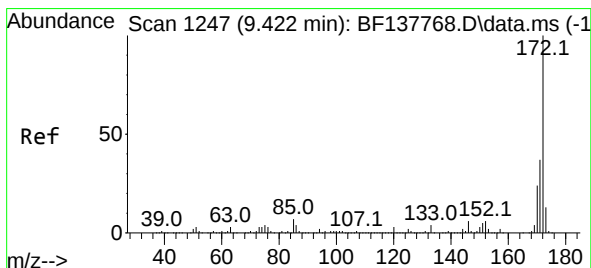
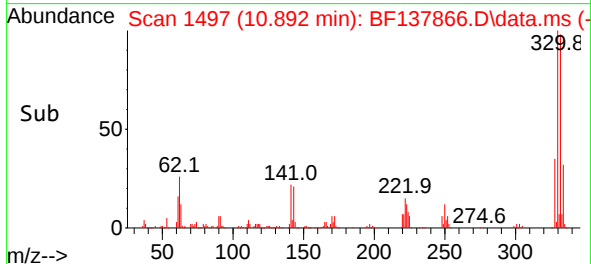
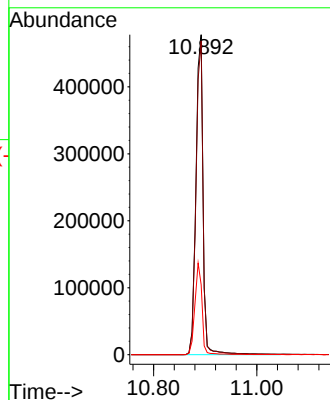
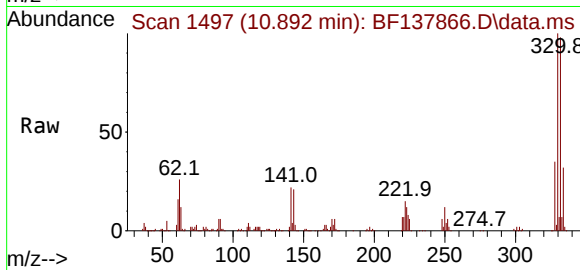
Tgt Ion:330 Resp: 456804

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 28.6 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 76.157 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137866.D

Acq: 09 May 2024 16:21

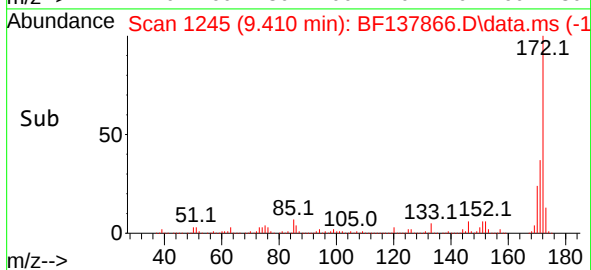
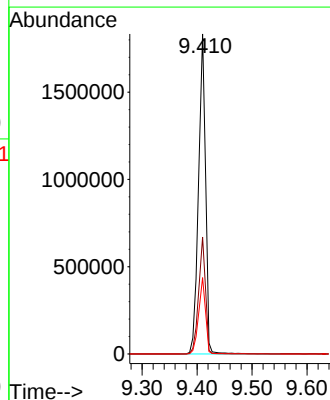
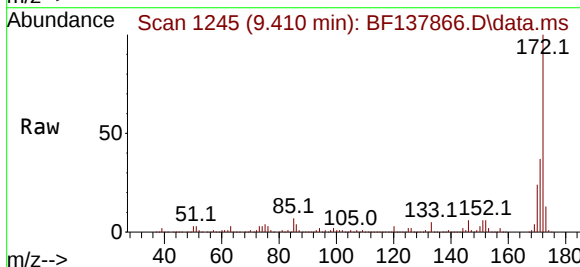
Tgt Ion:172 Resp: 1641717

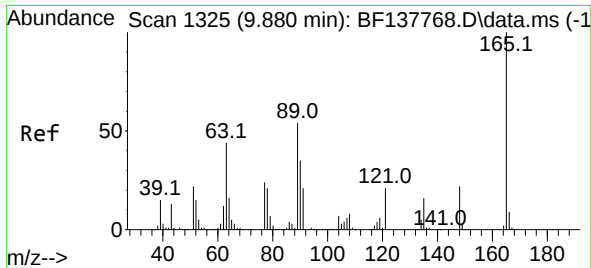
Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

170 23.8 19.4 29.2

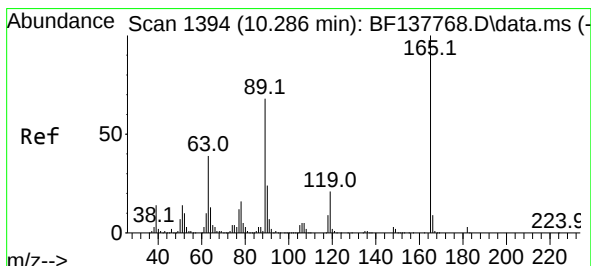
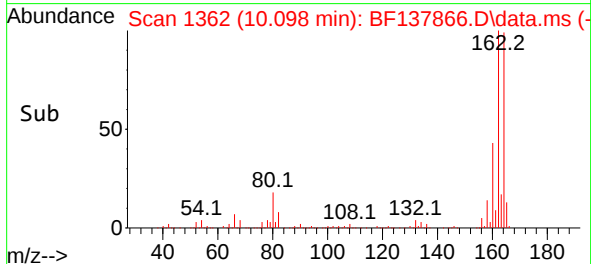
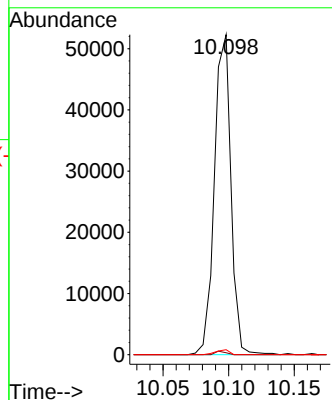
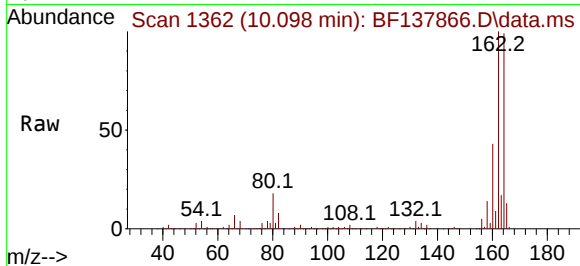




#51
2,6-Dinitrotoluene
Concen: 9.087 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.218 min
Lab File: BF137866.D
Acq: 09 May 2024 16:21

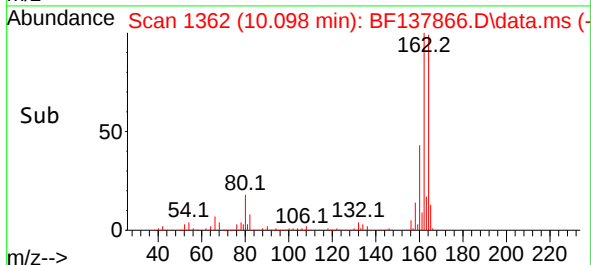
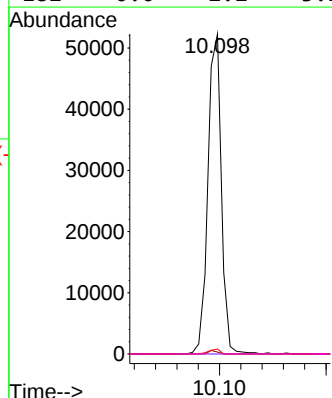
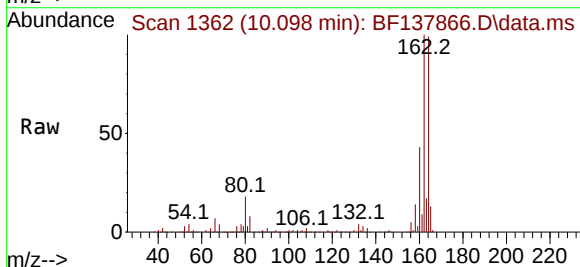
Instrument :
BNA_F
ClientSampleId :
WC-KK

Tgt Ion:165 Resp: 45851
Ion Ratio Lower Upper
165 100
63 0.6 41.9 62.9#
89 1.6 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.964 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137866.D
Acq: 09 May 2024 16:21

Tgt Ion:165 Resp: 45907
Ion Ratio Lower Upper
165 100
63 0.6 31.3 46.9#
89 1.6 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: BF137866.D

Acq: 09 May 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-KK

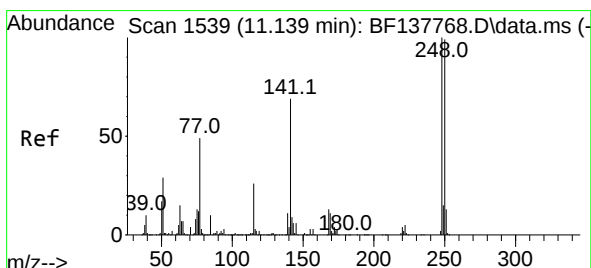
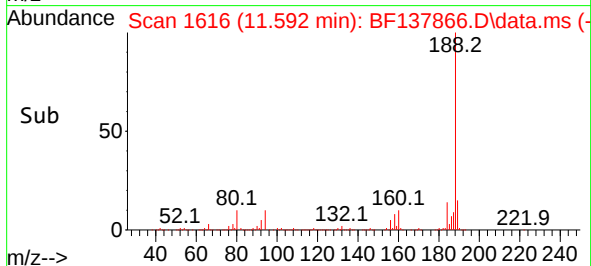
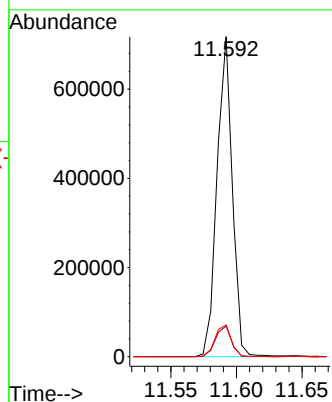
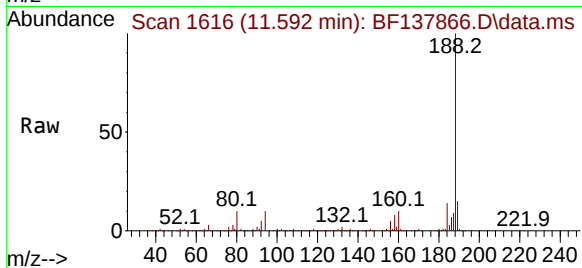
Tgt Ion:188 Resp: 581342

Ion Ratio Lower Upper

188 100

94 9.6 8.8 13.2

80 9.9 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 4.754 ng

RT: 10.886 min Scan# 1496

Delta R.T. -0.253 min

Lab File: BF137866.D

Acq: 09 May 2024 16:21

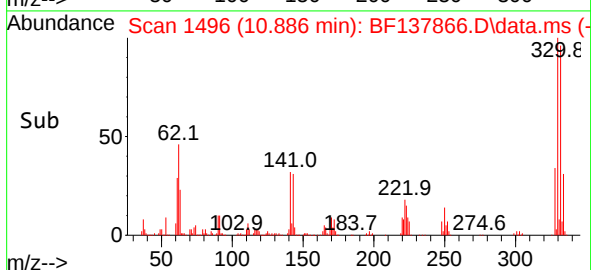
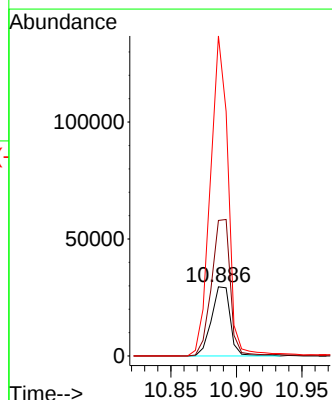
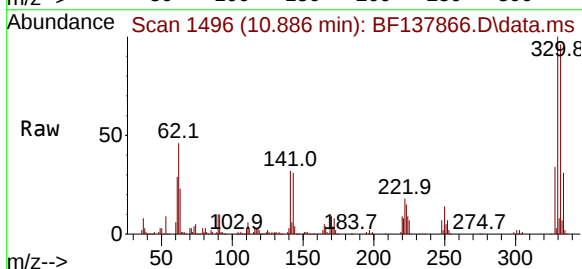
Tgt Ion:248 Resp: 29580

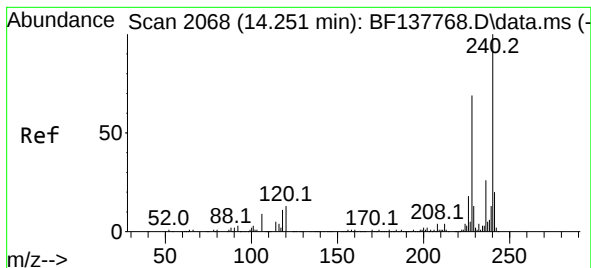
Ion Ratio Lower Upper

248 100

250 195.8 79.1 118.7#

141 462.5 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: BF137866.D

Acq: 09 May 2024 16:21

Instrument :

BNA_F

ClientSampleId :

WC-KK

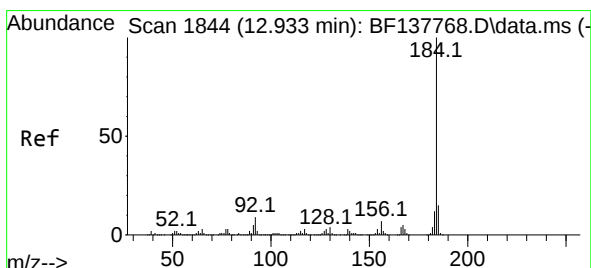
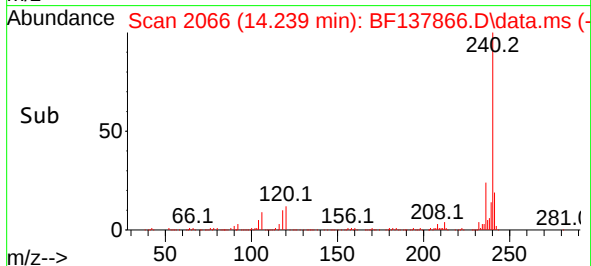
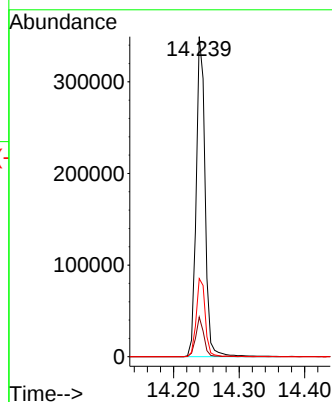
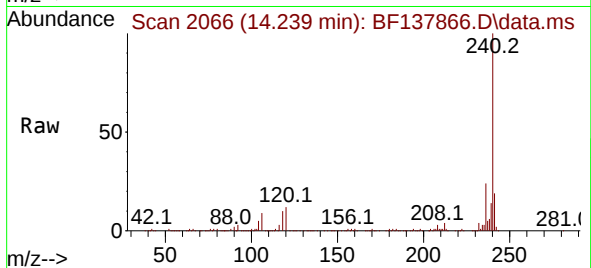
Tgt Ion:240 Resp: 331013

Ion Ratio Lower Upper

240 100

120 12.4 10.4 15.6

236 24.4 20.4 30.6



#77

Benzidine

Concen: 3.446 ng

RT: 13.180 min Scan# 1886

Delta R.T. 0.247 min

Lab File: BF137866.D

Acq: 09 May 2024 16:21

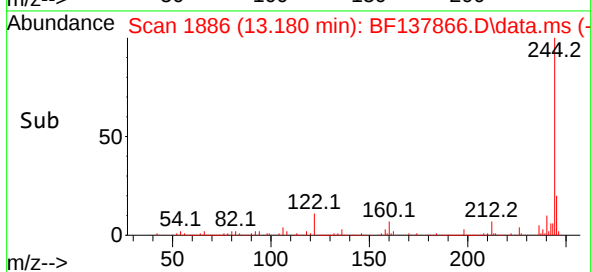
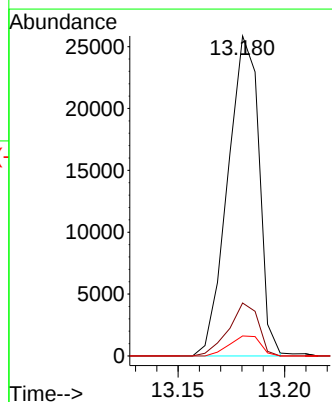
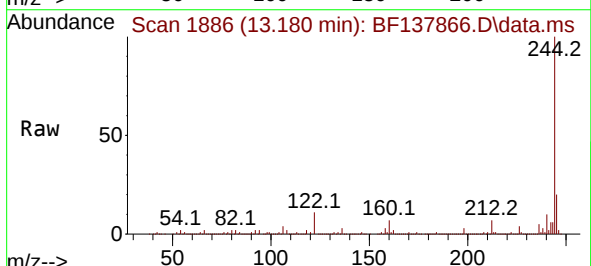
Tgt Ion:184 Resp: 26382

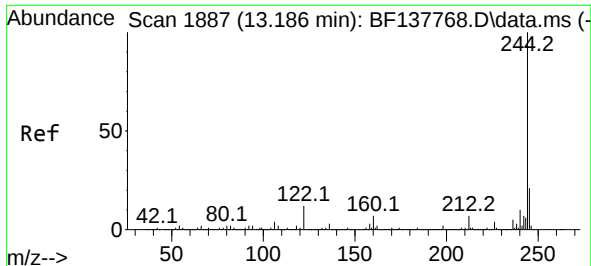
Ion Ratio Lower Upper

184 100

185 16.6 12.3 18.5

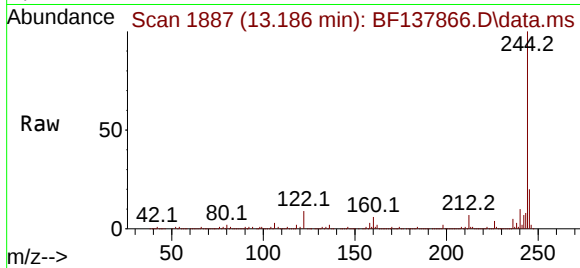
183 6.3 9.2 13.8#



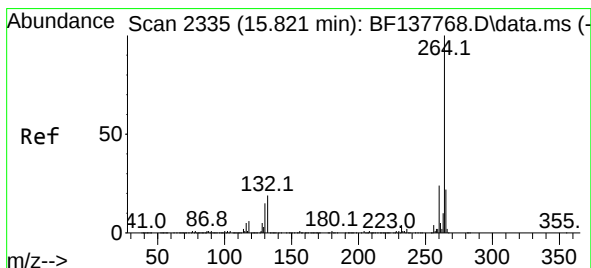
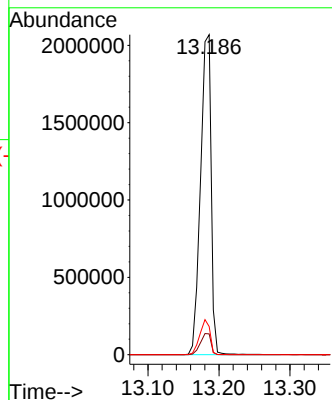
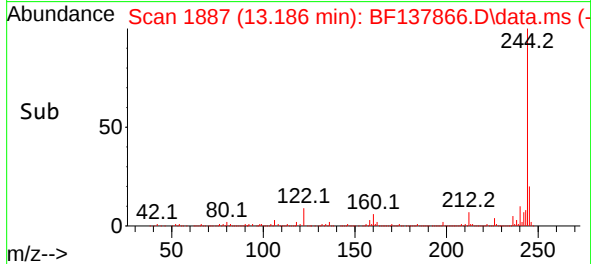


#79
 Terphenyl-d14
 Concen: 109.447 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. -0.000 min
 Lab File: BF137866.D
 Acq: 09 May 2024 16:21

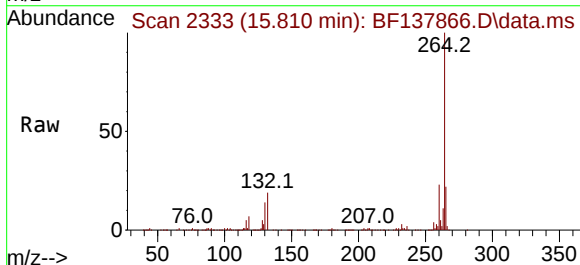
Instrument :
 BNA_F
 ClientSampleId :
 WC-KK



Tgt Ion:244 Resp: 2161769
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 8.8 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: BF137866.D
 Acq: 09 May 2024 16:21



Tgt Ion:264 Resp: 274884
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.9 28.3
 265 21.7 17.4 26.0

