

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
 Data File : BF137895.D
 Acq On : 10 May 2024 22:21
 Operator : CG\JU
 Sample : P2432-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-03-011

Quant Time: May 11 00:44:59 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)

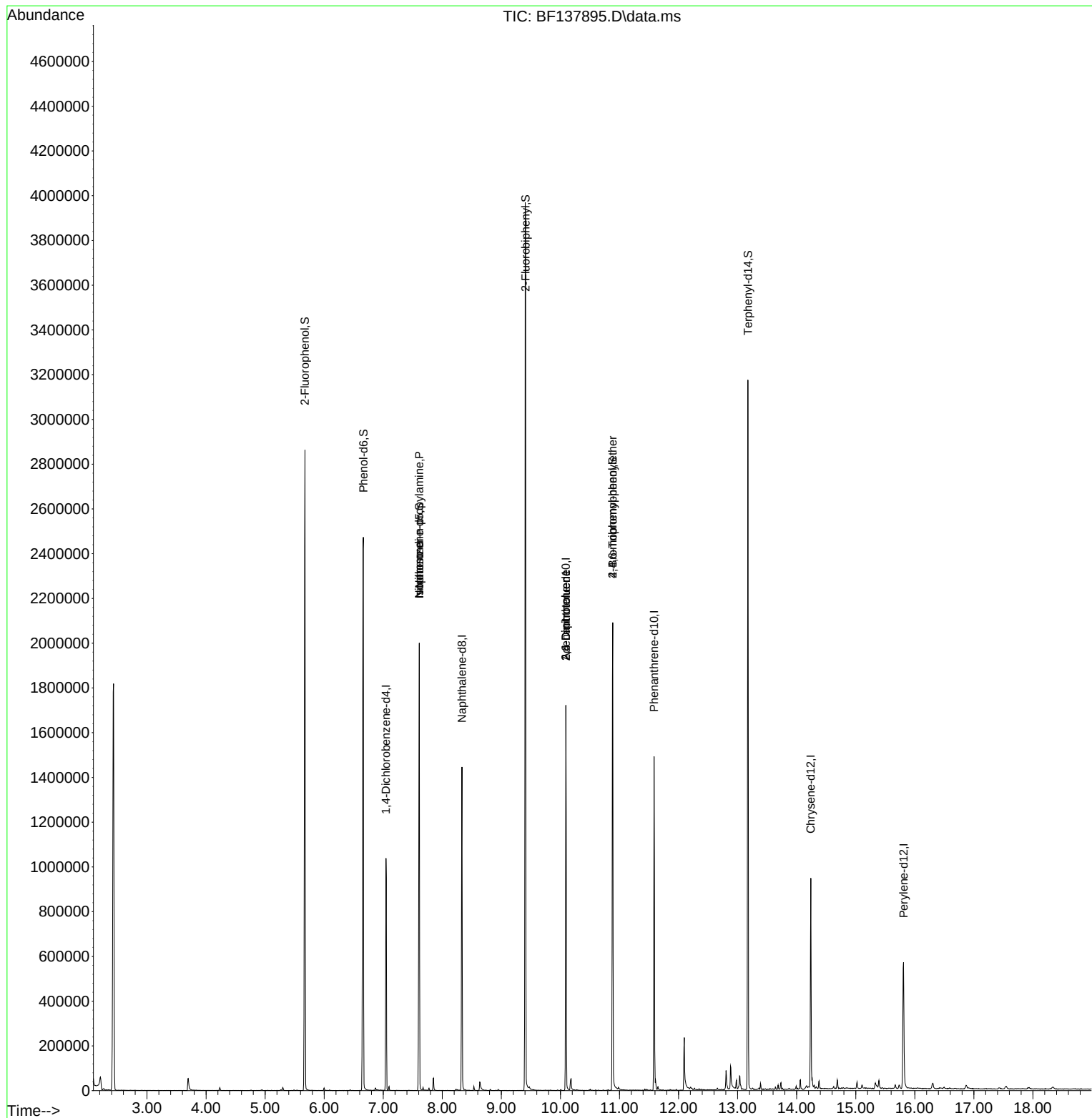
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	159192	20.000	ng	-0.01
21) Naphthalene-d8	8.334	136	628393	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	348286	20.000	ng	-0.02
64) Phenanthrene-d10	11.586	188	518630	20.000	ng	-0.01
76) Chrysene-d12	14.239	240	296137	20.000	ng	#-0.01
86) Perylene-d12	15.809	264	285427	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	828299	87.116	ng	0.00
7) Phenol-d6	6.663	99	1037605	86.037	ng	-0.01
23) Nitrobenzene-d5	7.610	82	617607	57.101	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	281902	79.273	ng	-0.01
45) 2-Fluorobiphenyl	9.410	172	1328945	61.904	ng	-0.01
79) Terphenyl-d14	13.174	244	1061340	60.062	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.610	70	79649	11.051	ng	# 77
25) Isophorone	7.610	82	617600	31.670	ng	# 64
51) 2,6-Dinitrotoluene	10.092	165	44549	8.866	ng	# 27
57) 2,4-Dinitrotoluene	10.092	165	44549	6.786	ng	# 26
67) 4-Bromophenyl-phenylether	10.886	248	18293	3.296	ng	# 1

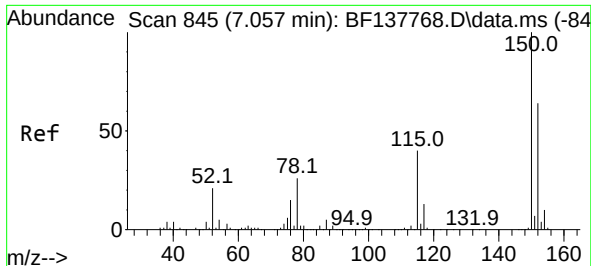
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051024\
Data File : BF137895.D
Acq On : 10 May 2024 22:21
Operator : CG\JU
Sample : P2432-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW-03-011

Quant Time: May 11 00:44:59 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

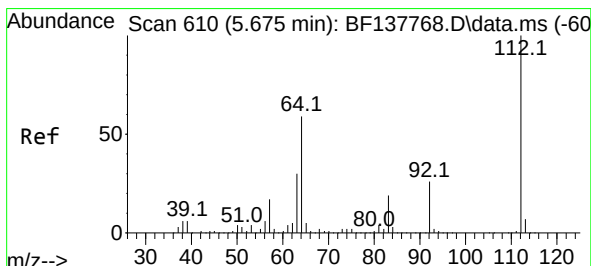
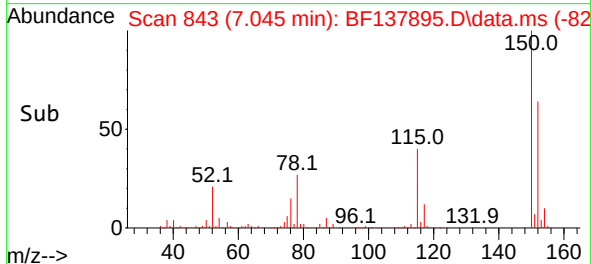
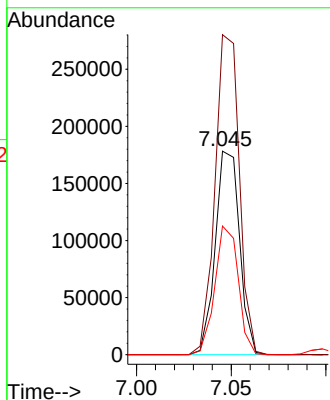
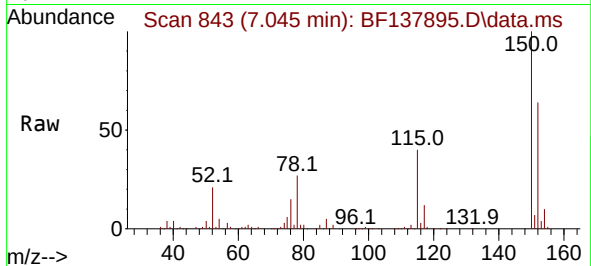




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

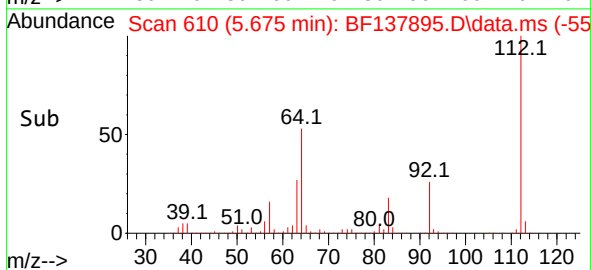
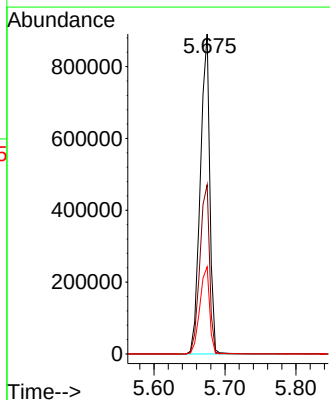
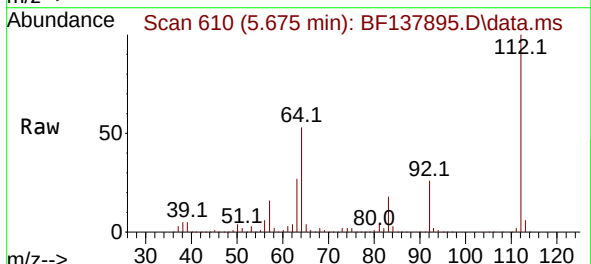
Instrument :
BNA_F
ClientSampleId :
SW-03-011

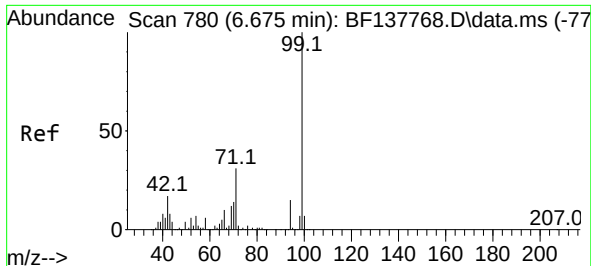
Tgt Ion:152 Resp: 159192
Ion Ratio Lower Upper
152 100
150 157.2 124.1 186.1
115 63.2 49.1 73.7



#5
2-Fluorophenol
Concen: 87.116 ng
RT: 5.675 min Scan# 610
Delta R.T. -0.000 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

Tgt Ion:112 Resp: 828299
Ion Ratio Lower Upper
112 100
64 52.9 47.3 70.9
63 27.2 23.7 35.5

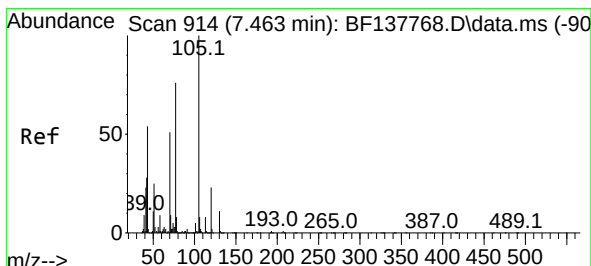
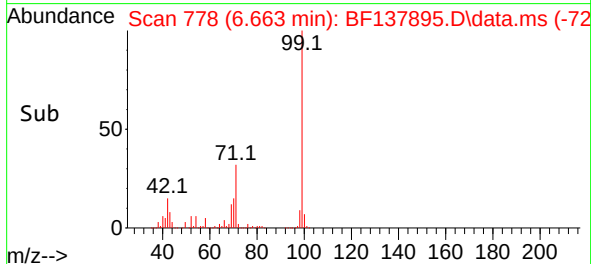
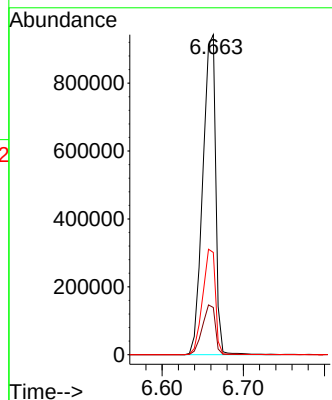
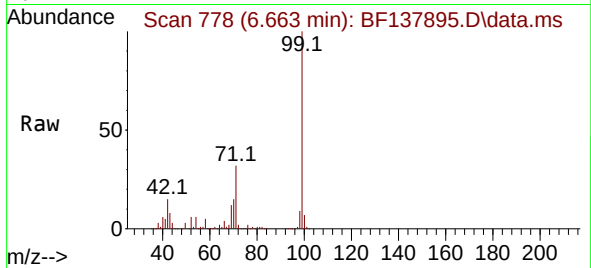




#7
Phenol-d6
Concen: 86.037 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

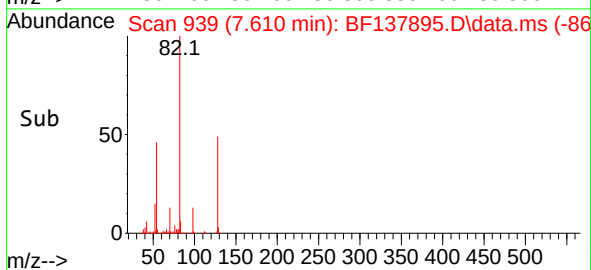
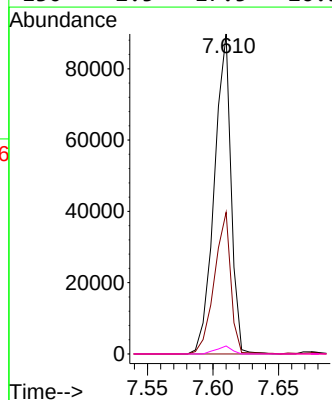
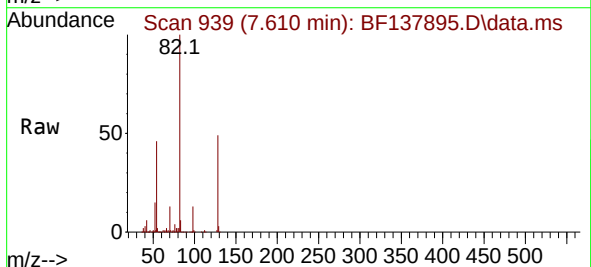
Instrument :
BNA_F
ClientSampleId :
SW-03-011

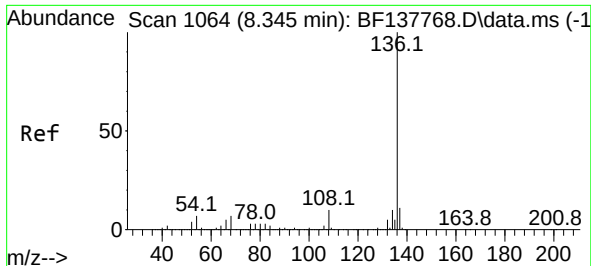
Tgt Ion: 99 Resp: 1037605
Ion Ratio Lower Upper
99 100
42 14.7 13.2 19.8
71 31.9 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.051 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

Tgt Ion: 70 Resp: 79649
Ion Ratio Lower Upper
70 100
42 44.3 44.6 66.8#
101 0.0 7.8 11.6#
130 2.5 17.5 26.3#



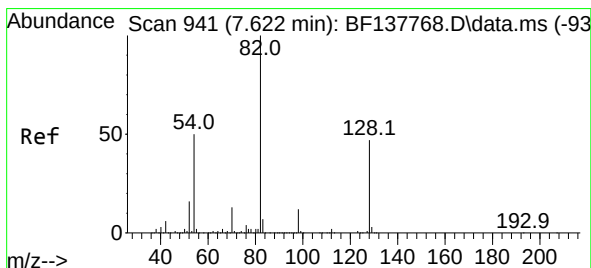
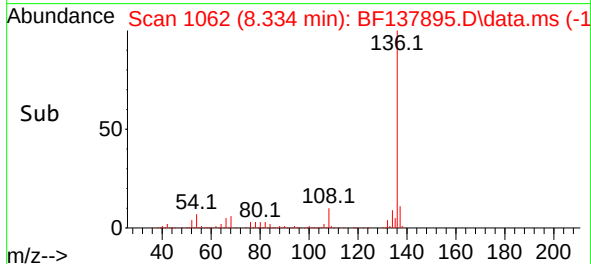
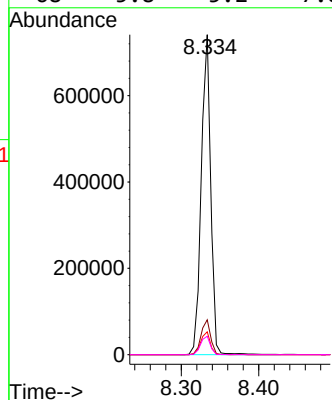
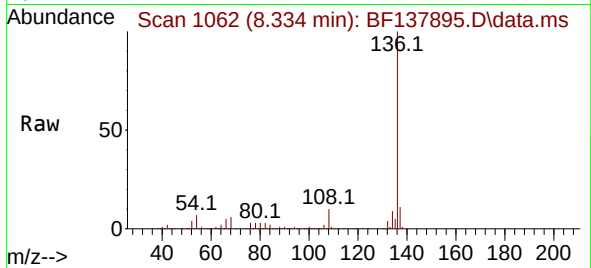


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1064
Delta R.T. -0.012 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

Instrument :
BNA_F
ClientSampleId :
SW-03-011

Tgt Ion:136 Resp: 628393

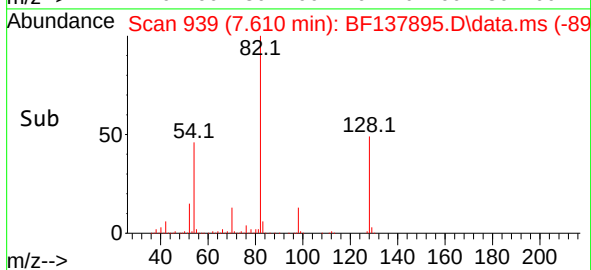
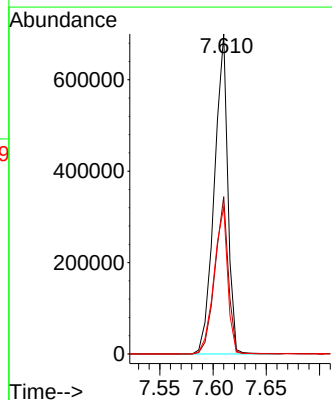
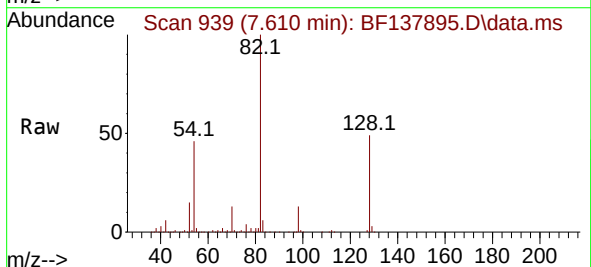
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.2	5.8	8.8
68	5.8	5.2	7.8

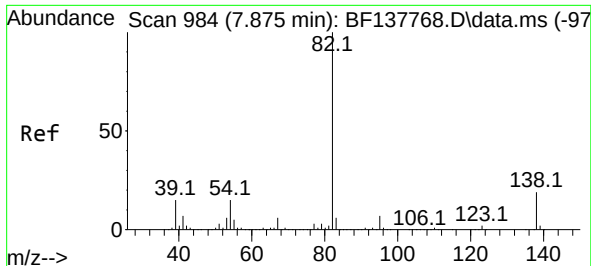


#23
Nitrobenzene-d5
Concen: 57.101 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

Tgt Ion: 82 Resp: 617607

Ion	Ratio	Lower	Upper
82	100		
128	49.1	37.5	56.3
54	45.9	39.8	59.6

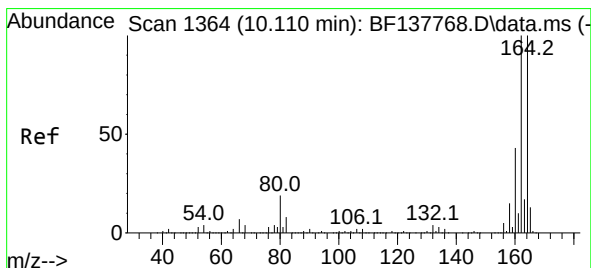
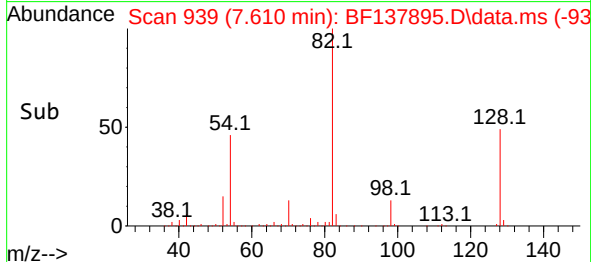
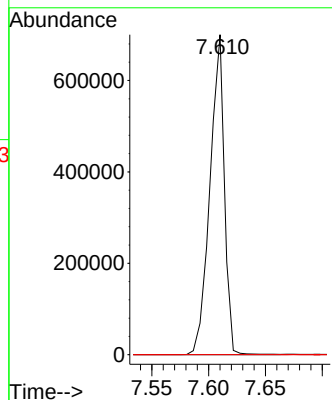
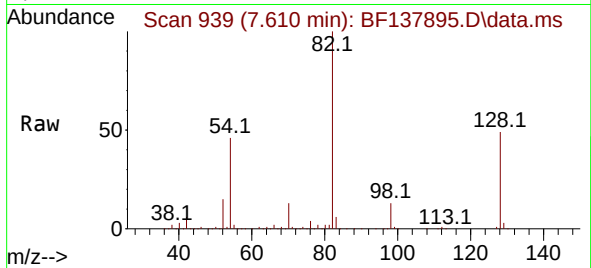




#25
Isophorone
Concen: 31.670 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

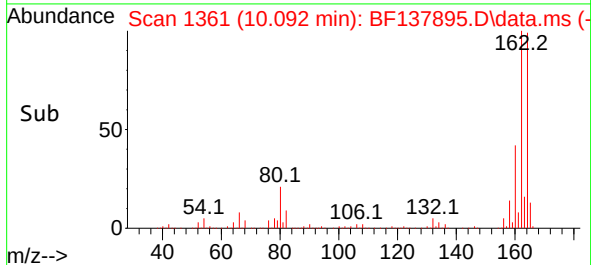
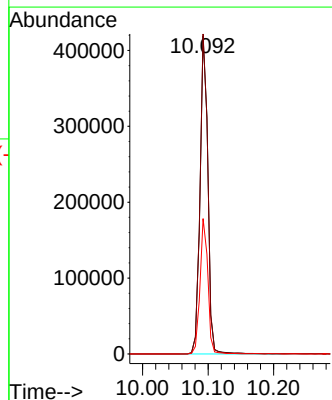
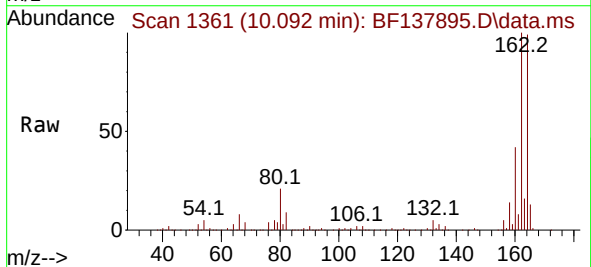
Instrument :
BNA_F
ClientSampleId :
SW-03-011

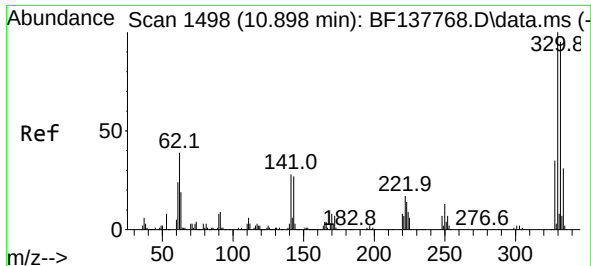
Tgt Ion: 82 Resp: 617600
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.018 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

Tgt Ion:164 Resp: 348286
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.6
160 42.6 34.4 51.6

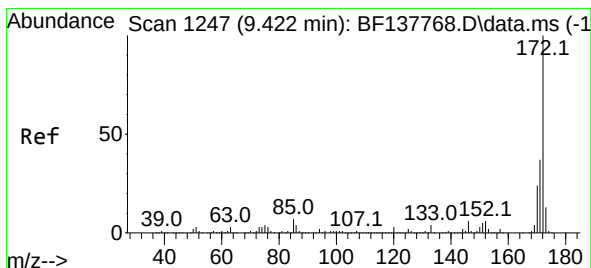
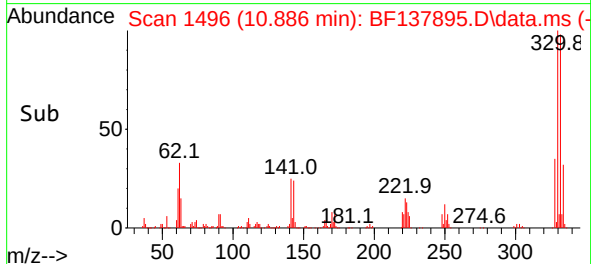
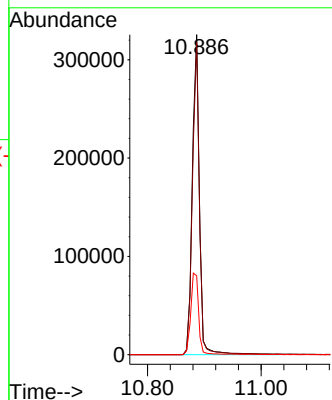
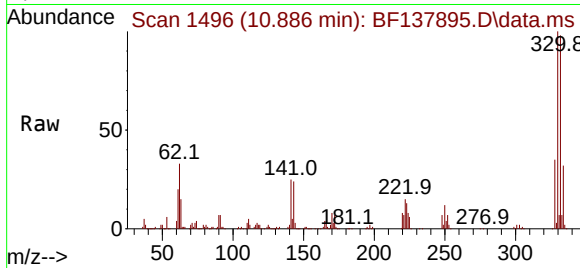




#42
2,4,6-Tribromophenol
Concen: 79.273 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

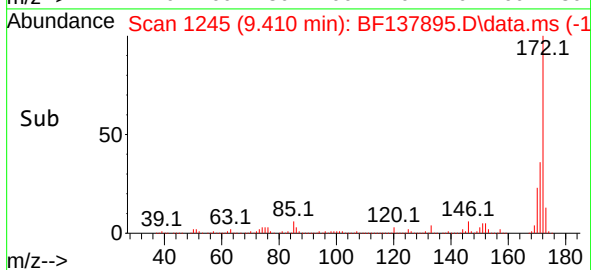
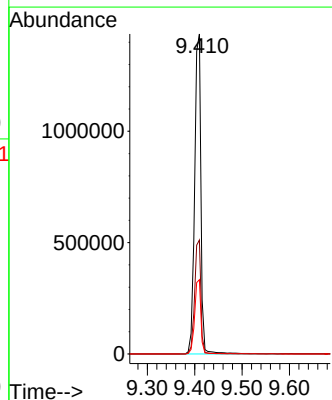
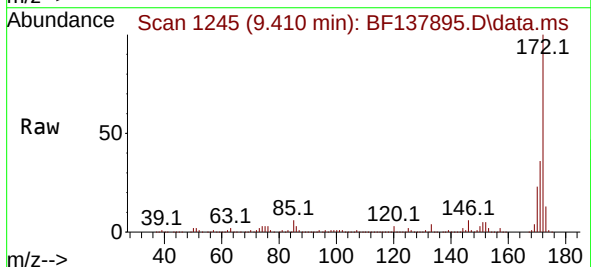
Instrument :
BNA_F
ClientSampleId :
SW-03-011

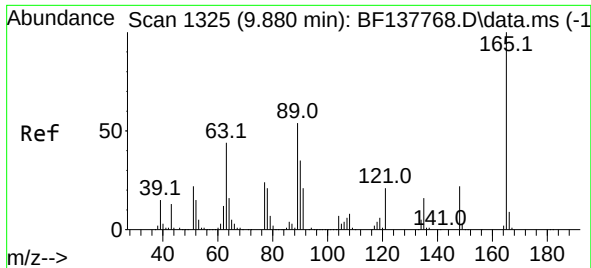
Tgt Ion:330 Resp: 281902
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 28.3 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 61.904 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

Tgt Ion:172 Resp: 1328945
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.2 19.4 29.2

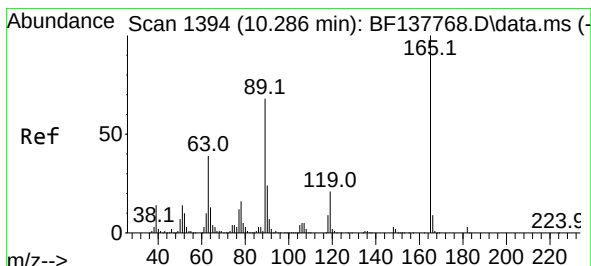
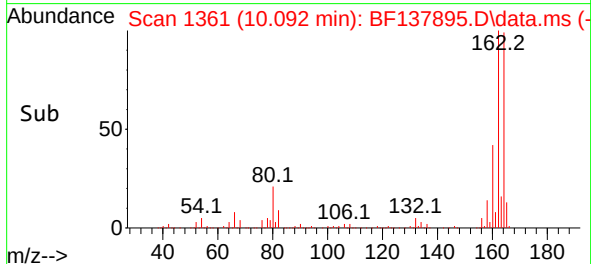
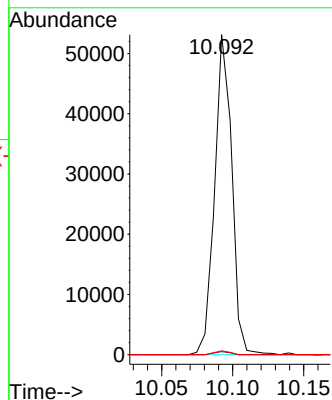
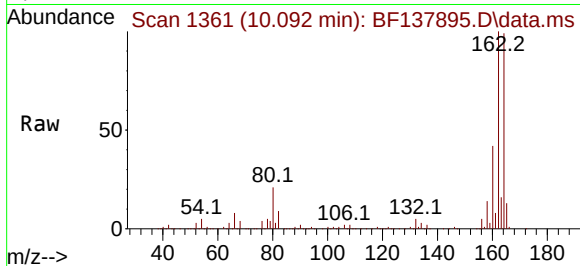




#51
2,6-Dinitrotoluene
Concen: 8.866 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.212 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

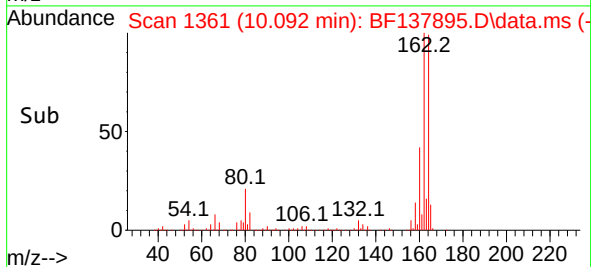
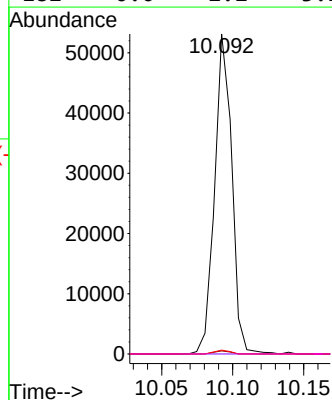
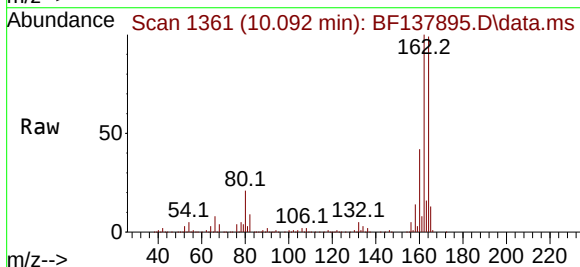
Instrument :
BNA_F
ClientSampleId :
SW-03-011

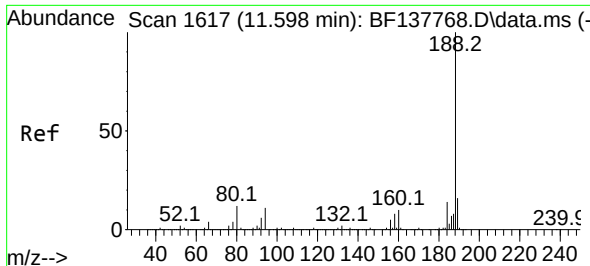
Tgt Ion:165 Resp: 44549
Ion Ratio Lower Upper
165 100
63 0.9 41.9 62.9#
89 1.2 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.786 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.194 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

Tgt Ion:165 Resp: 44549
Ion Ratio Lower Upper
165 100
63 0.9 31.3 46.9#
89 1.2 54.2 81.4#
182 0.0 2.2 3.2#

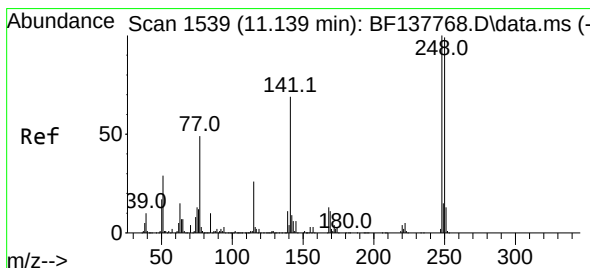
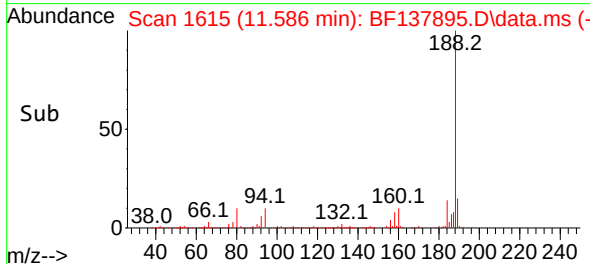
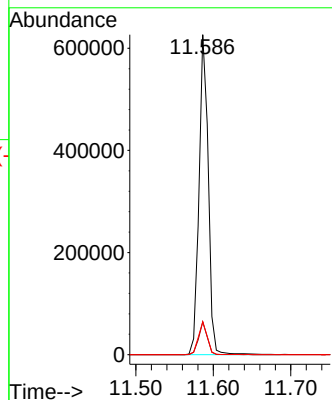
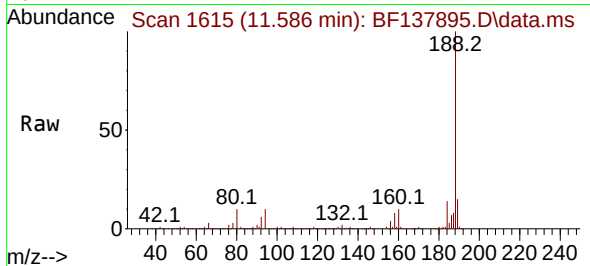




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.586 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

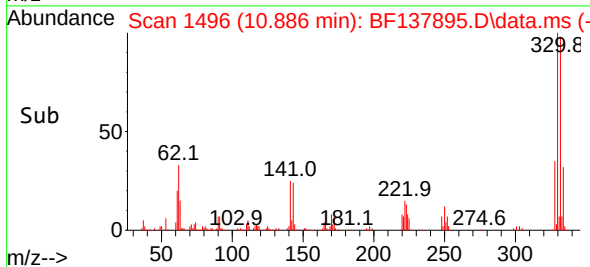
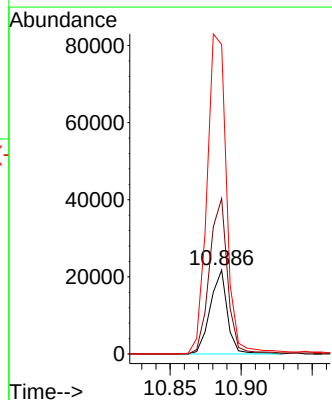
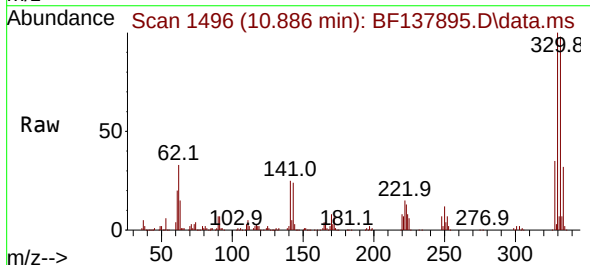
Instrument :
BNA_F
ClientSampleId :
SW-03-011

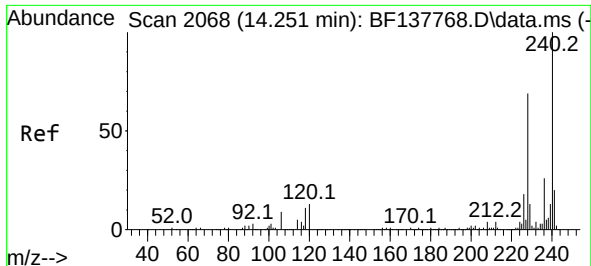
Tgt Ion:188 Resp: 518630
Ion Ratio Lower Upper
188 100
94 10.2 8.8 13.2
80 10.3 9.6 14.4



#67
4-Bromophenyl-phenylether
Concen: 3.296 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.253 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

Tgt Ion:248 Resp: 18293
Ion Ratio Lower Upper
248 100
250 185.5 79.1 118.7#
141 369.0 55.4 83.2#

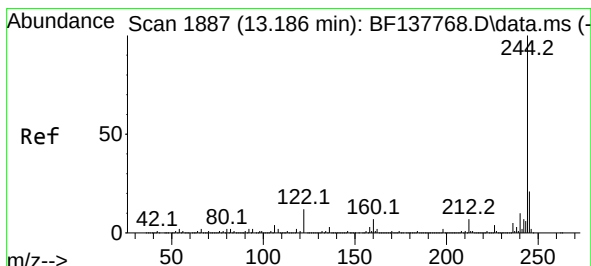
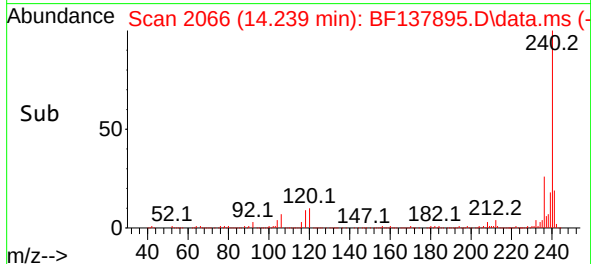
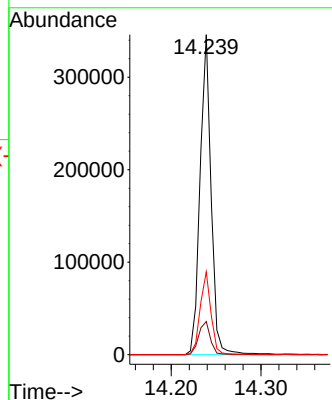
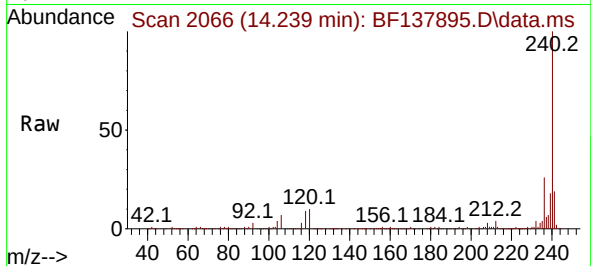




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

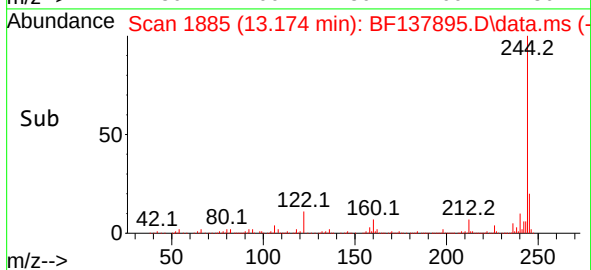
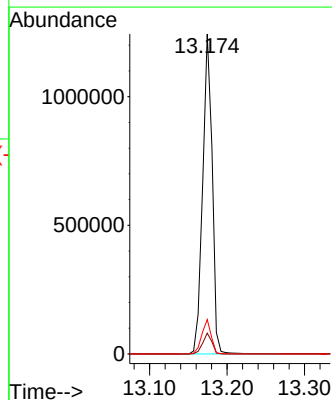
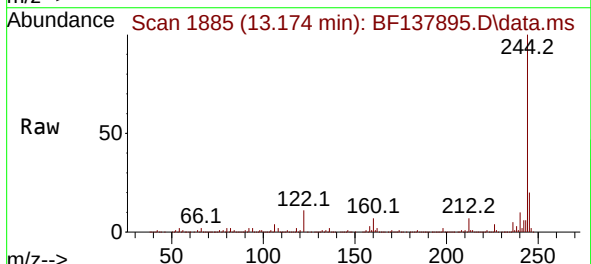
Instrument :
BNA_F
ClientSampleId :
SW-03-011

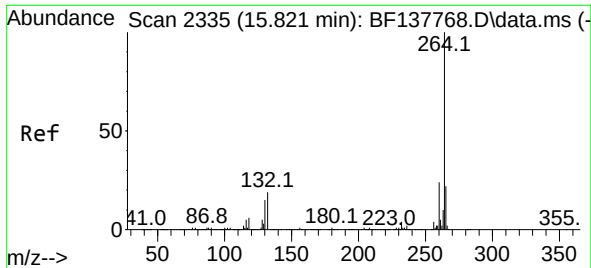
Tgt Ion:240 Resp: 296137
Ion Ratio Lower Upper
240 100
120 10.3 10.4 15.6#
236 25.9 20.4 30.6



#79
Terphenyl-d14
Concen: 60.062 ng
RT: 13.174 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BF137895.D
Acq: 10 May 2024 22:21

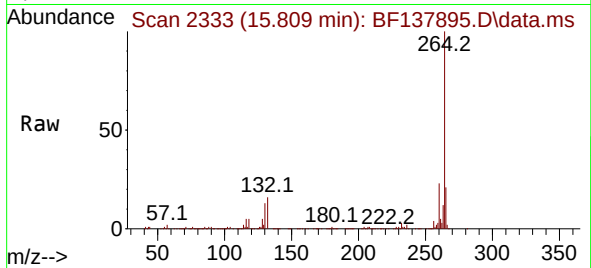
Tgt Ion:244 Resp: 1061340
Ion Ratio Lower Upper
244 100
212 6.5 5.5 8.3
122 10.8 9.4 14.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.809 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF137895.D
 Acq: 10 May 2024 22:21

Instrument :
 BNA_F
 ClientSampleId :
 SW-03-011



Tgt Ion:264 Resp: 285427
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.9 28.3
 265 21.1 17.4 26.0

