

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050324\
 Data File : BF137830.D
 Acq On : 03 May 2024 15:34
 Operator : CG\JU
 Sample : PB160673TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160673TB

Quant Time: May 03 16:44:43 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)

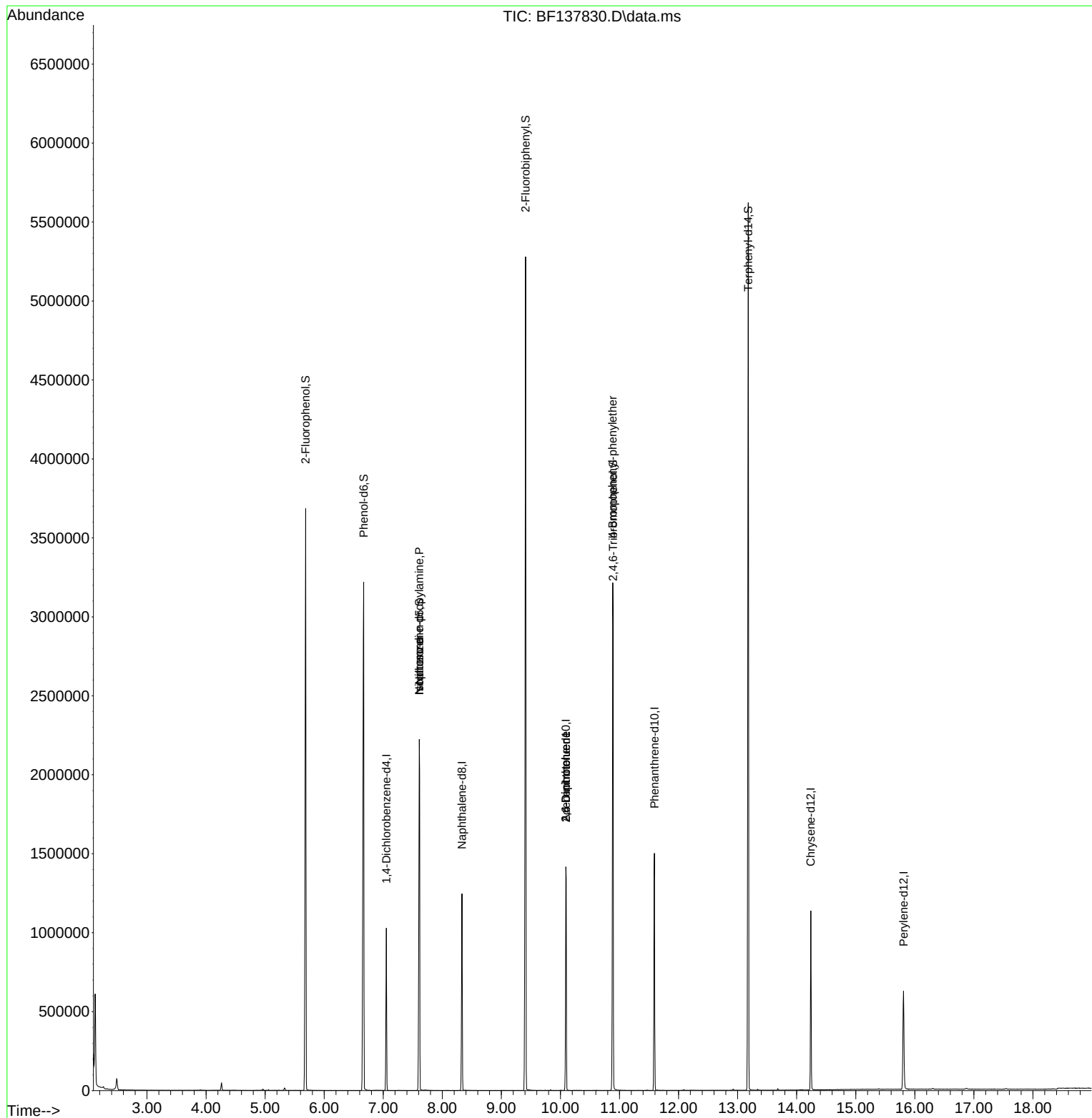
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	143024	20.000	ng	0.00
21) Naphthalene-d8	8.334	136	565152	20.000	ng	-0.01
39) Acenaphthene-d10	10.092	164	322240	20.000	ng	-0.02
64) Phenanthrene-d10	11.592	188	560488	20.000	ng	# 0.00
76) Chrysene-d12	14.239	240	343367	20.000	ng	-0.01
86) Perylene-d12	15.810	264	308778	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1109796	129.917	ng	0.01
7) Phenol-d6	6.669	99	1346901	124.308	ng	0.00
23) Nitrobenzene-d5	7.610	82	854259	87.819	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	451494	137.226	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	1801035	90.676	ng	-0.01
79) Terphenyl-d14	13.180	244	2029048	99.031	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.610	70	114266	17.647	ng	# 78
25) Isophorone	7.610	82	854247	48.706	ng	# 64
51) 2,6-Dinitrotoluene	10.092	165	41891	9.011	ng	# 27
57) 2,4-Dinitrotoluene	10.092	165	41891	6.897	ng	# 27
67) 4-Bromophenyl-phenylether	10.886	248	29981	4.998	ng	# 1

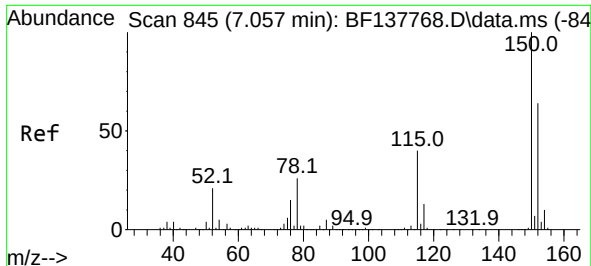
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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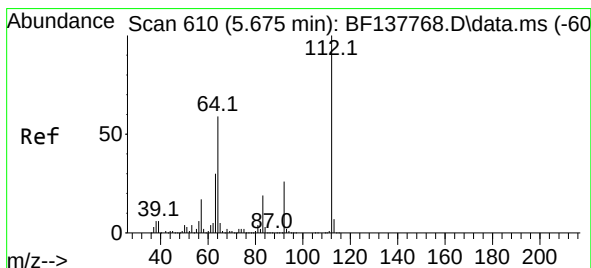
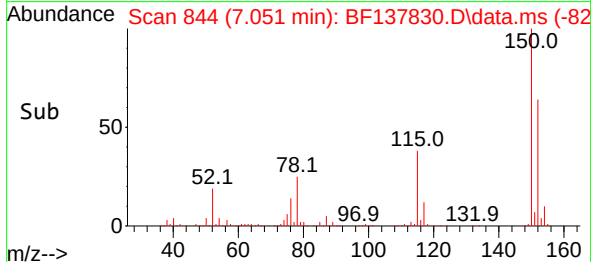
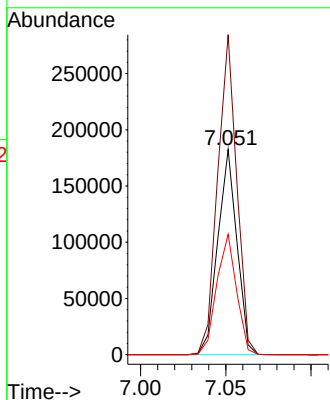
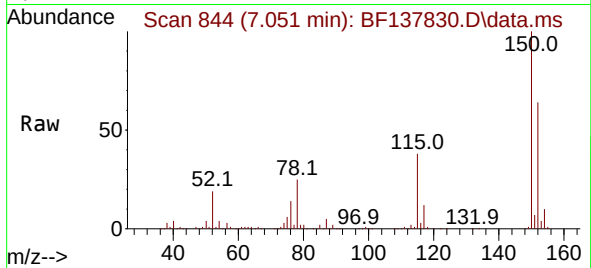




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137830.D
Acq: 03 May 2024 15:34

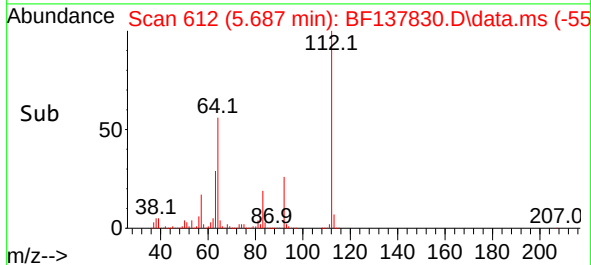
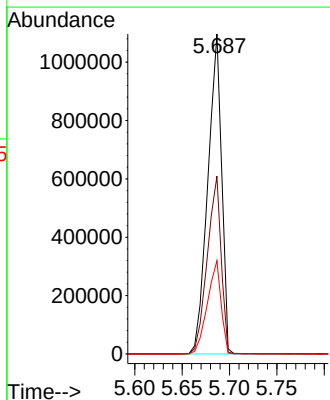
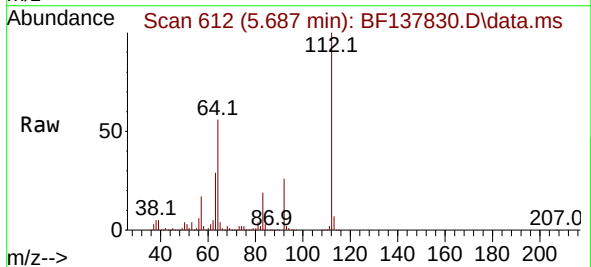
Instrument :
BNA_F
ClientSampleId :
PB160673TB

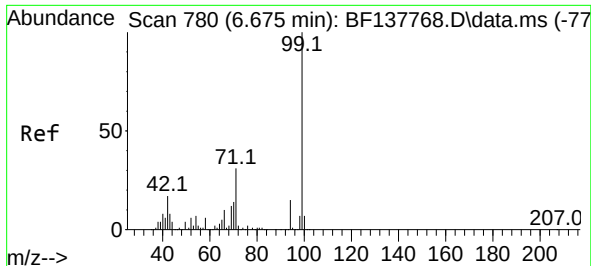
Tgt Ion:152 Resp: 143024
Ion Ratio Lower Upper
152 100
150 155.9 124.1 186.1
115 58.6 49.1 73.7



#5
2-Fluorophenol
Concen: 129.917 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137830.D
Acq: 03 May 2024 15:34

Tgt Ion:112 Resp: 1109796
Ion Ratio Lower Upper
112 100
64 55.5 47.3 70.9
63 29.1 23.7 35.5

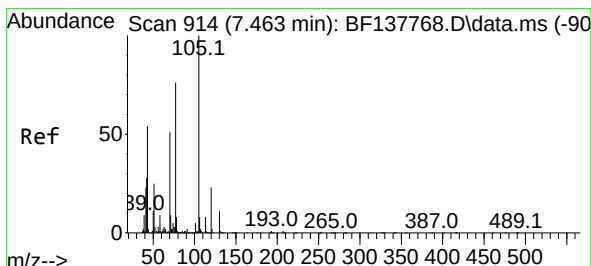
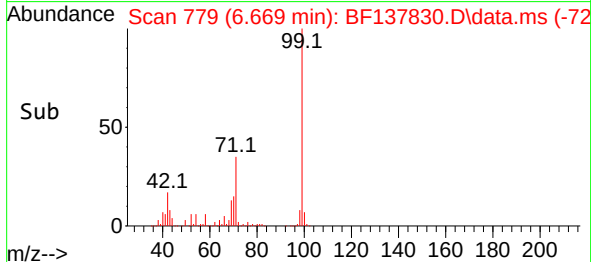
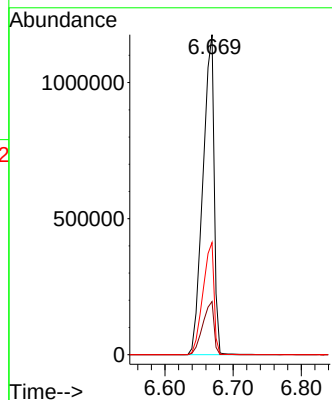
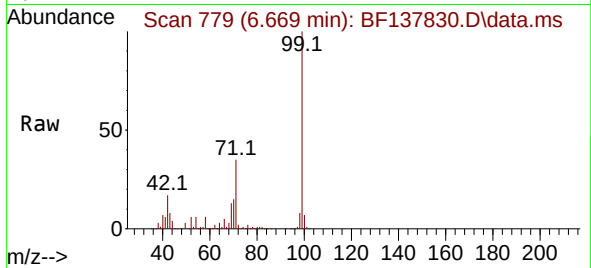




#7
Phenol-d6
Concen: 124.308 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137830.D
Acq: 03 May 2024 15:34

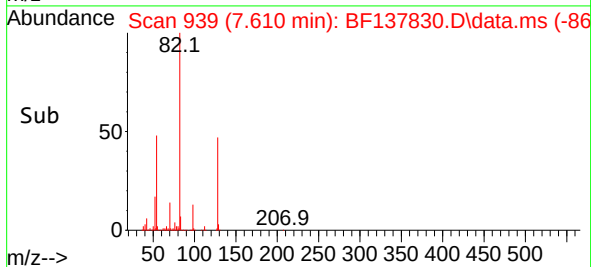
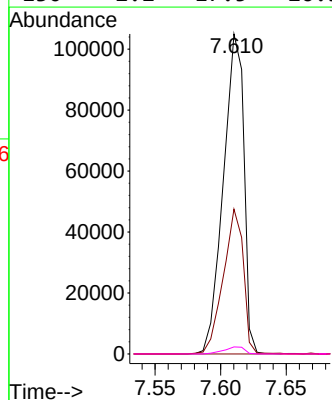
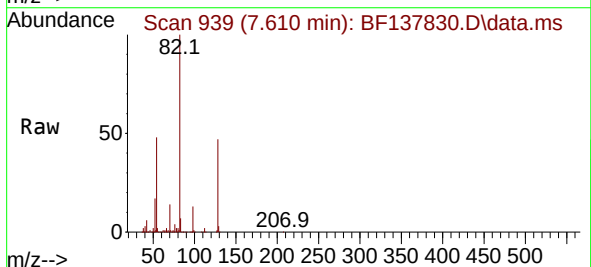
Instrument :
BNA_F
ClientSampleId :
PB160673TB

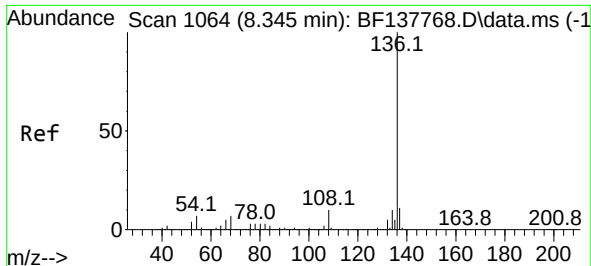
Tgt Ion: 99 Resp: 1346901
Ion Ratio Lower Upper
99 100
42 16.6 13.2 19.8
71 35.1 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.647 ng
RT: 7.610 min Scan# 939
Delta R.T. 0.147 min
Lab File: BF137830.D
Acq: 03 May 2024 15:34

Tgt Ion: 70 Resp: 114266
Ion Ratio Lower Upper
70 100
42 45.2 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: BF137830.D
Acq: 03 May 2024 15:34

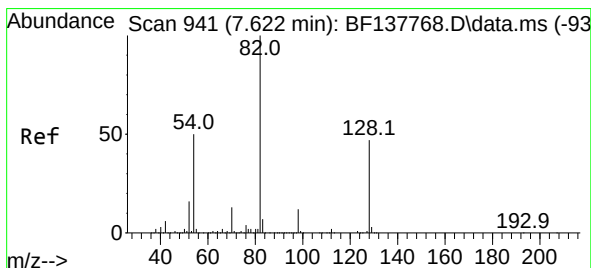
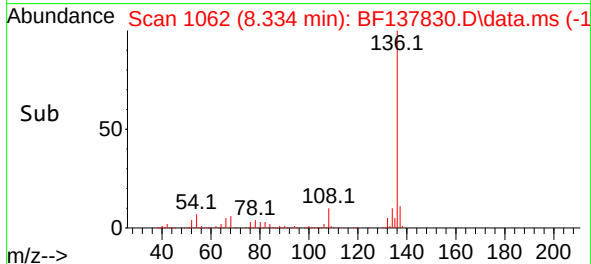
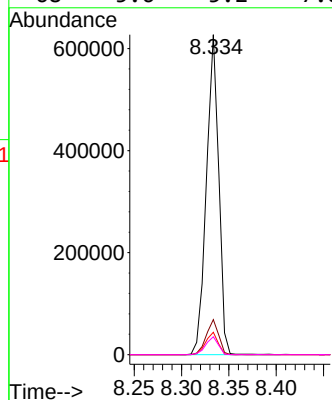
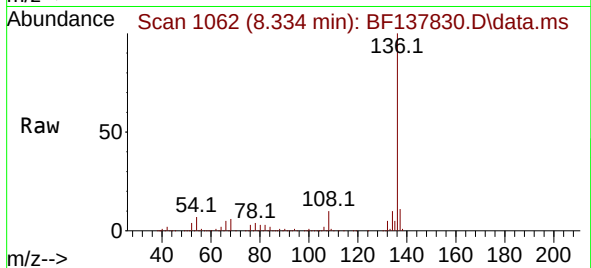
Instrument :

BNA_F

ClientSampleId :

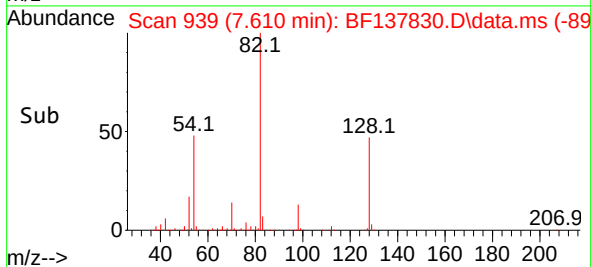
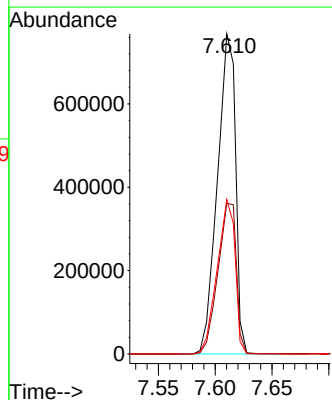
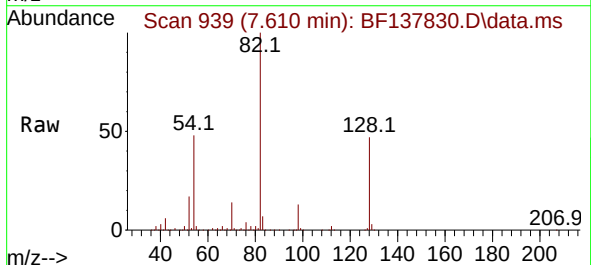
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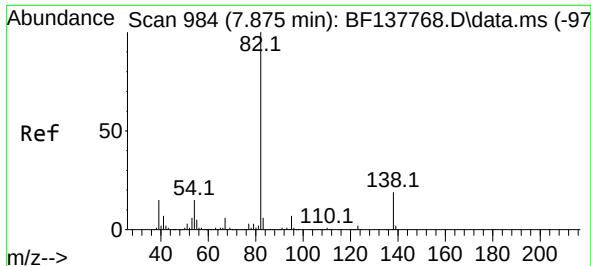
Tgt Ion:136 Resp: 565152
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.0 5.8 8.8
68 5.6 5.2 7.8



#23
Nitrobenzene-d5
Concen: 87.819 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.012 min
Lab File: BF137830.D
Acq: 03 May 2024 15:34

Tgt Ion: 82 Resp: 854259
Ion Ratio Lower Upper
82 100
128 47.0 37.5 56.3
54 48.2 39.8 59.6

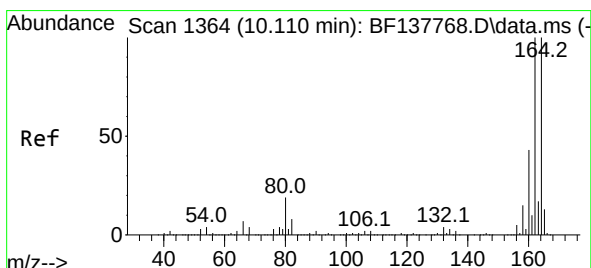
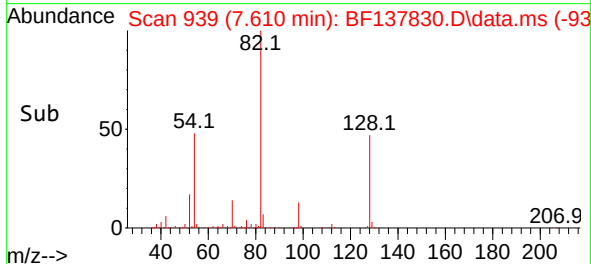
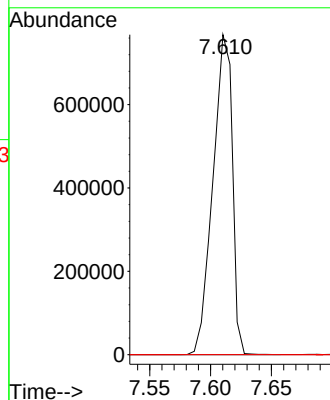
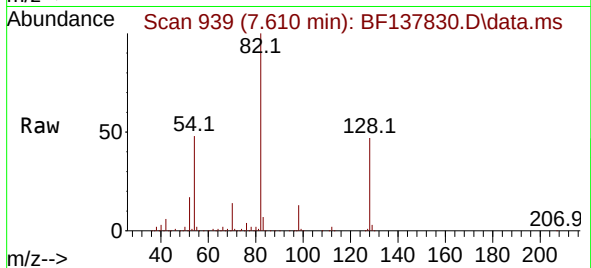




#25
Isophorone
Concen: 48.706 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF137830.D
Acq: 03 May 2024 15:34

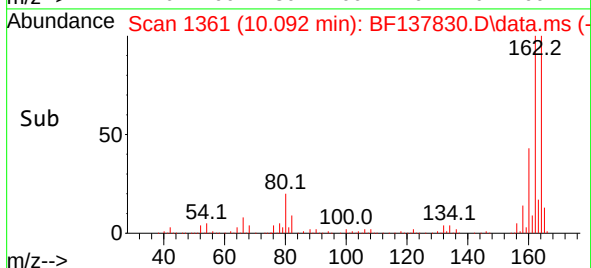
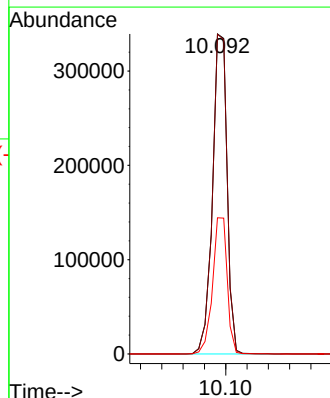
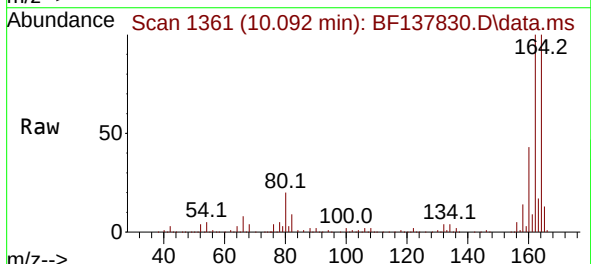
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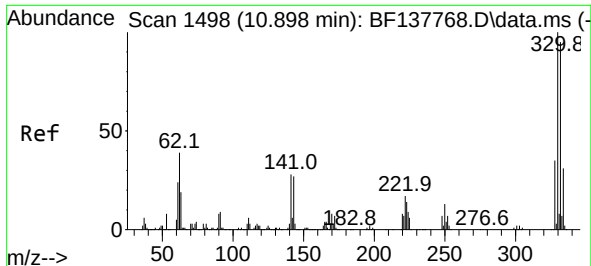
Tgt Ion: 82 Resp: 854247
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.018 min
Lab File: BF137830.D
Acq: 03 May 2024 15:34

Tgt Ion:164 Resp: 322240
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.6
160 42.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 137.226 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137830.D

Acq: 03 May 2024 15:34

Instrument :

BNA_F

ClientSampleId :

PB160673TB

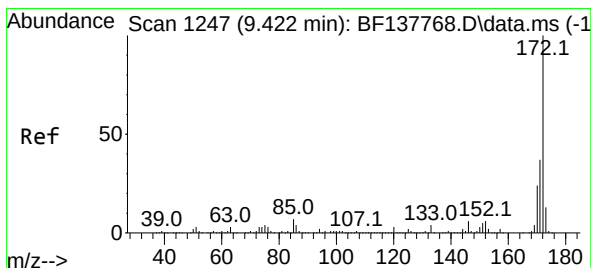
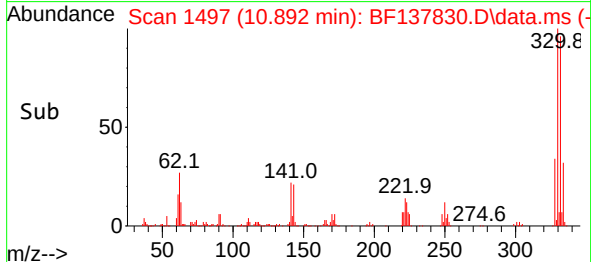
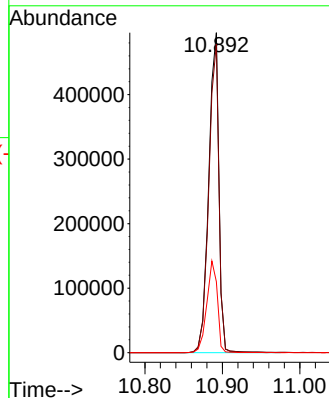
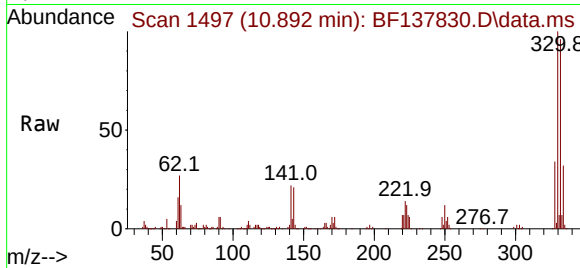
Tgt Ion:330 Resp: 451494

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

141 29.8 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 90.676 ng

RT: 9.410 min Scan# 1245

Delta R.T. -0.012 min

Lab File: BF137830.D

Acq: 03 May 2024 15:34

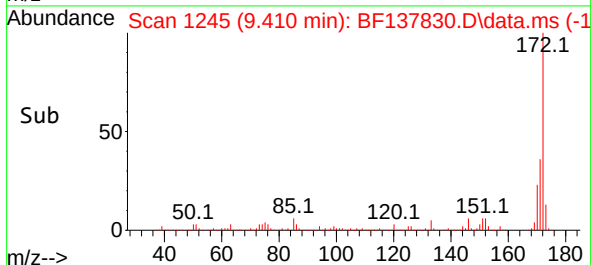
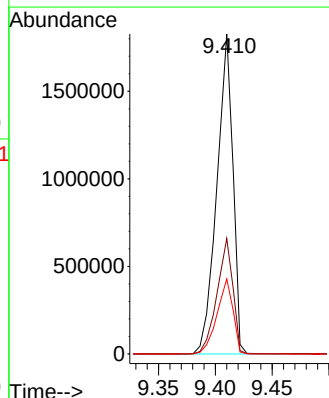
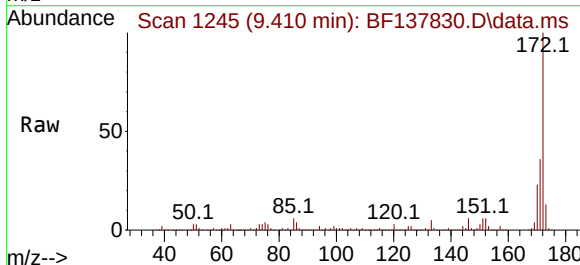
Tgt Ion:172 Resp: 1801035

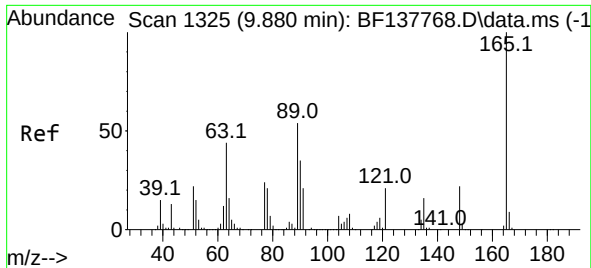
Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

170 23.5 19.4 29.2

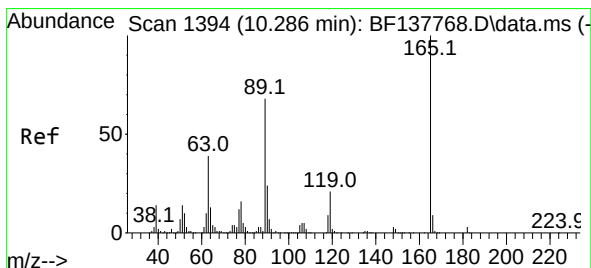
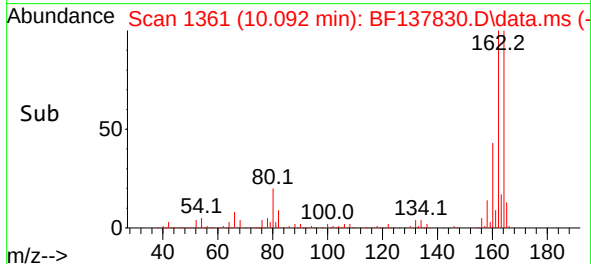
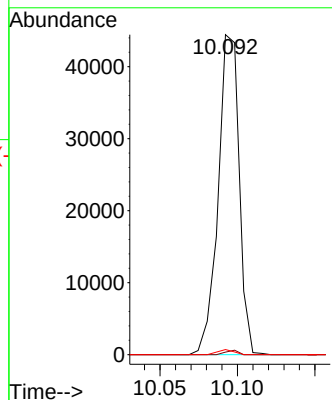
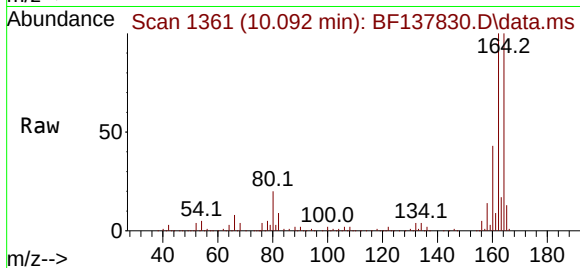




#51
2,6-Dinitrotoluene
Concen: 9.011 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.212 min
Lab File: BF137830.D
Acq: 03 May 2024 15:34

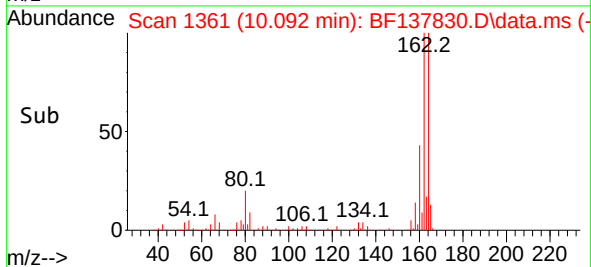
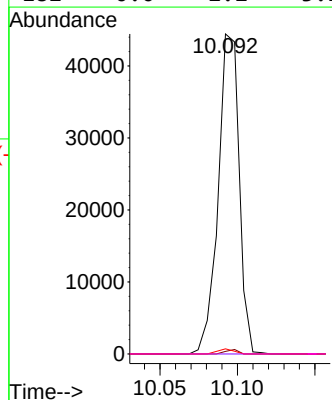
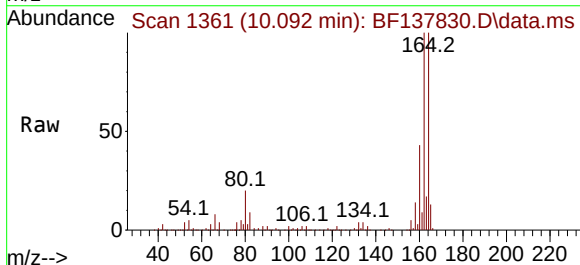
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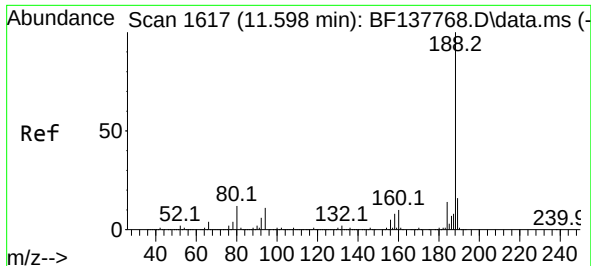
Tgt Ion:165 Resp: 41891
Ion Ratio Lower Upper
165 100
63 0.8 41.9 62.9#
89 1.6 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.897 ng
RT: 10.092 min Scan# 1361
Delta R.T. -0.194 min
Lab File: BF137830.D
Acq: 03 May 2024 15:34

Tgt Ion:165 Resp: 41891
Ion Ratio Lower Upper
165 100
63 0.8 31.3 46.9#
89 1.6 54.2 81.4#
182 0.0 2.2 3.2#

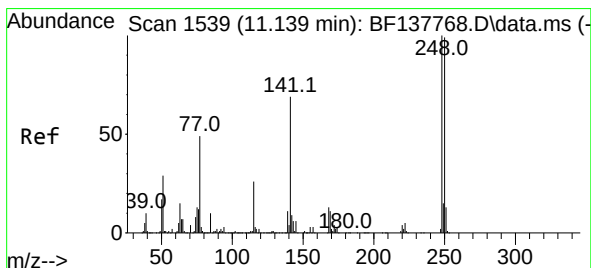
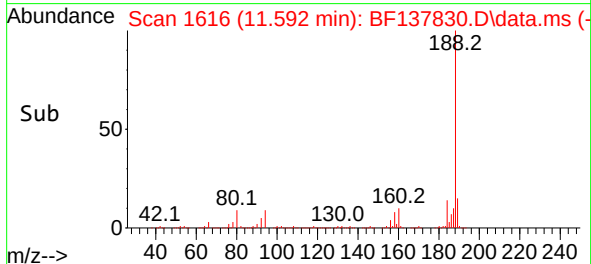
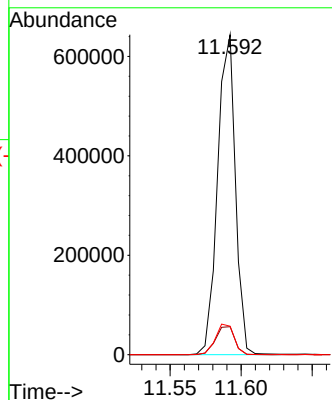
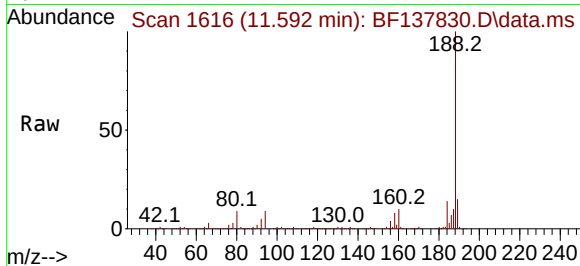




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137830.D
Acq: 03 May 2024 15:34

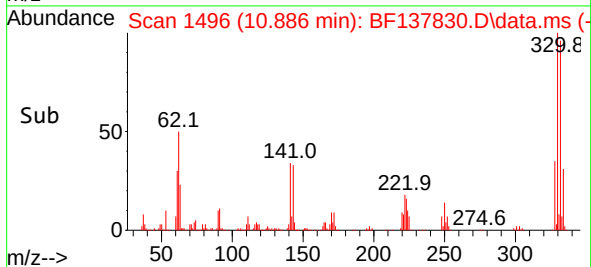
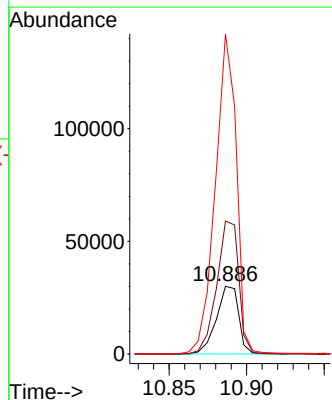
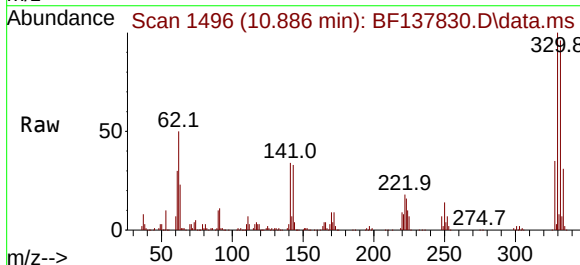
Instrument :
BNA_F
ClientSampleId :
PB160673TB

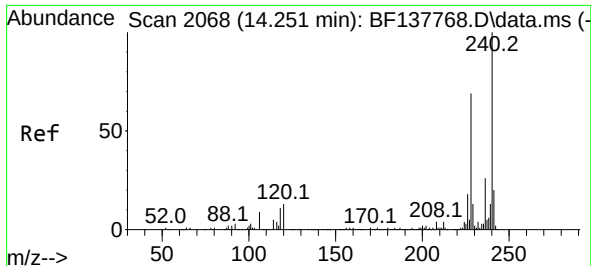
Tgt Ion:188 Resp: 560488
Ion Ratio Lower Upper
188 100
94 8.7 8.8 13.2#
80 8.9 9.6 14.4#



#67
4-Bromophenyl-phenylether
Concen: 4.998 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.253 min
Lab File: BF137830.D
Acq: 03 May 2024 15:34

Tgt Ion:248 Resp: 29981
Ion Ratio Lower Upper
248 100
250 196.2 79.1 118.7#
141 472.2 55.4 83.2#

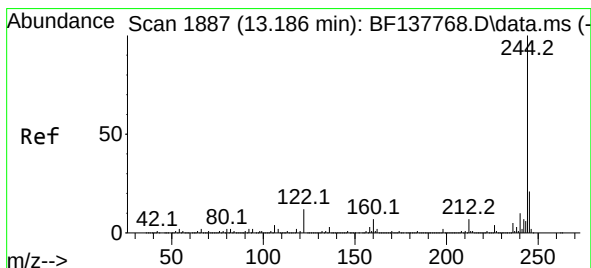
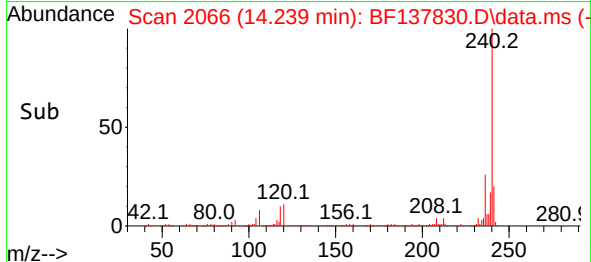
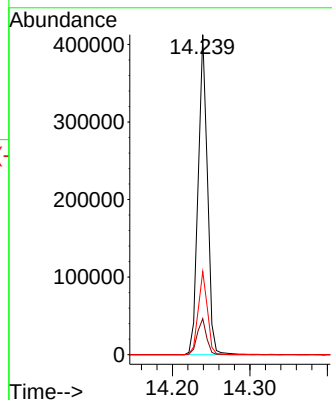
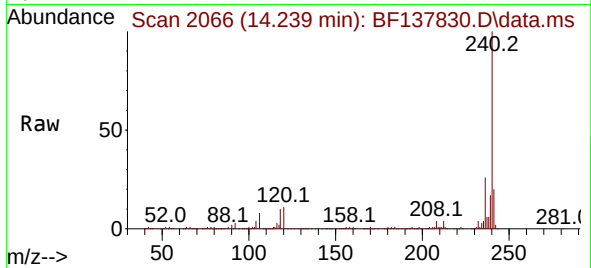




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137830.D
Acq: 03 May 2024 15:34

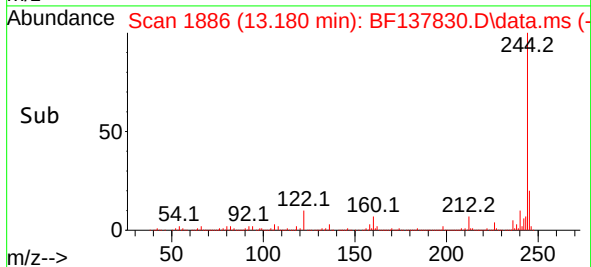
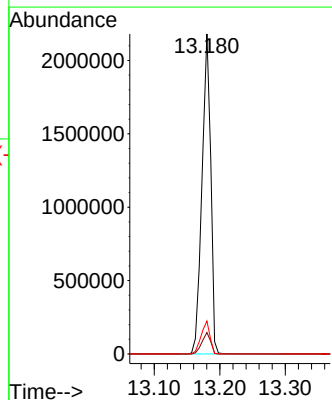
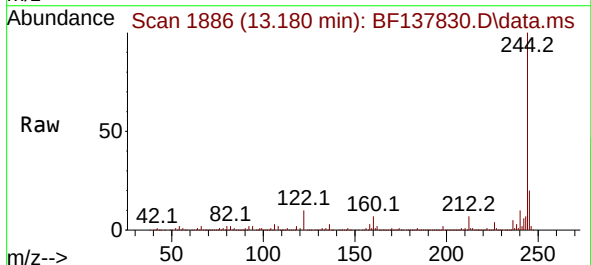
Instrument :
BNA_F
ClientSampleId :
PB160673TB

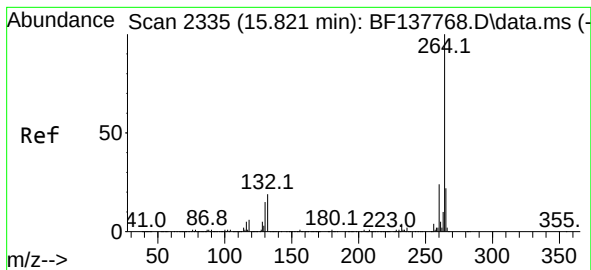
Tgt Ion:240 Resp: 343367
Ion Ratio Lower Upper
240 100
120 11.2 10.4 15.6
236 26.0 20.4 30.6



#79
Terphenyl-d14
Concen: 99.031 ng
RT: 13.180 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BF137830.D
Acq: 03 May 2024 15:34

Tgt Ion:244 Resp: 2029048
Ion Ratio Lower Upper
244 100
212 6.7 5.5 8.3
122 10.3 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.810 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137830.D

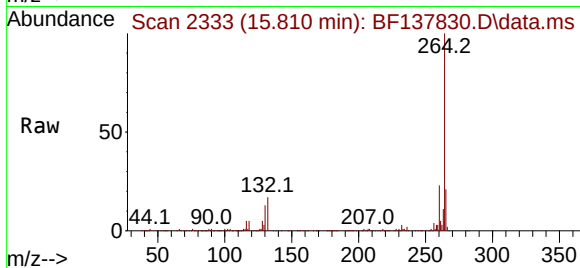
Acq: 03 May 2024 15:34

Instrument :

BNA_F

ClientSampleId :

PB160673TB



Tgt Ion:264 Resp: 308778

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.1 17.4 26.0

