

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
 Data File : BF137074.D
 Acq On : 15 Jan 2024 20:34
 Operator : CG\JU
 Sample : P1136-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-F

Quant Time: Jan 16 02:04:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

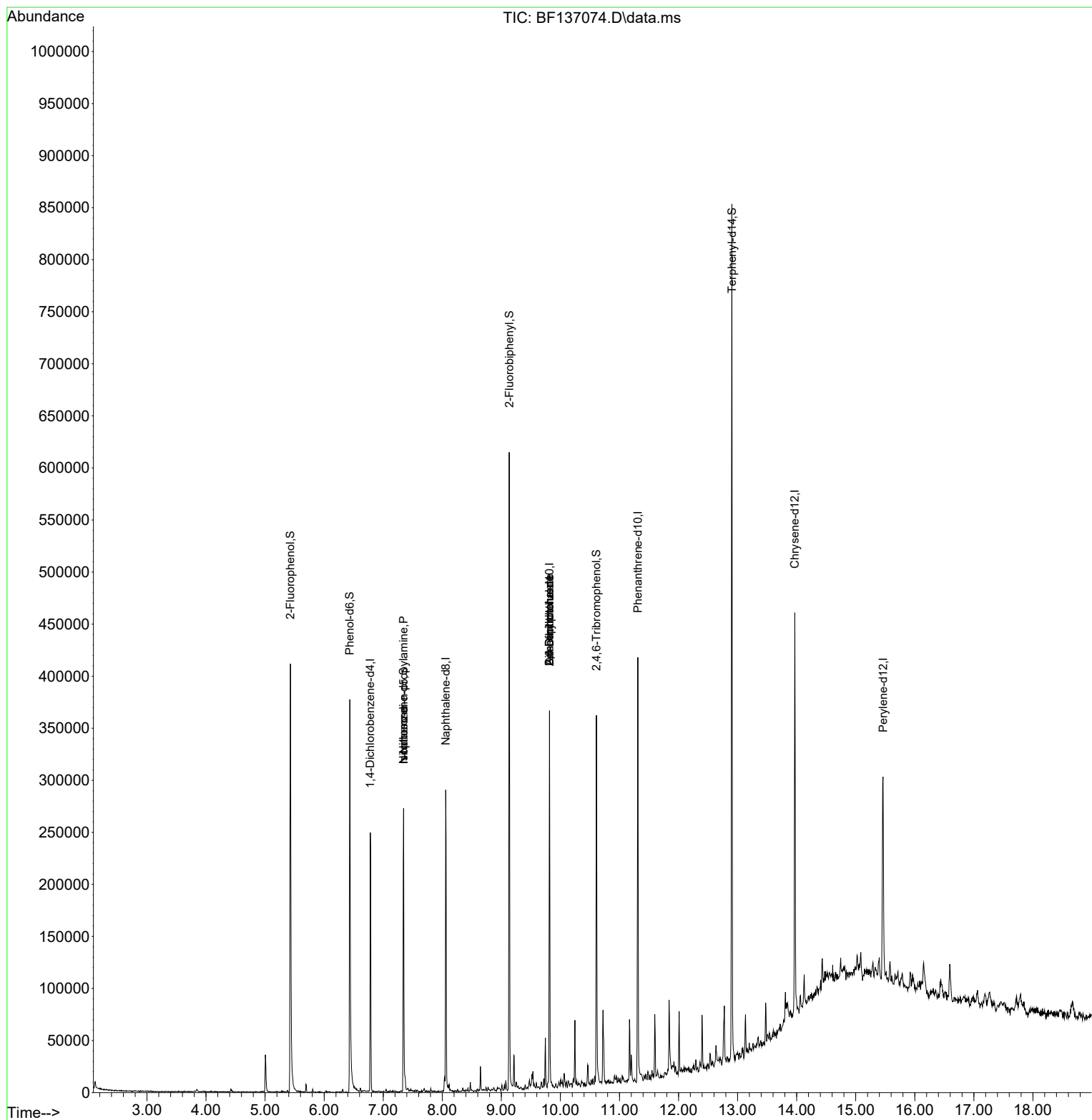
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	37476	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	130041	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	64606	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	142940	20.000	ng	0.00
76) Chrysene-d12	13.969	240	127770	20.000	ng	0.00
86) Perylene-d12	15.463	264	93163	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	126631	52.722	ng	0.00
7) Phenol-d6	6.434	99	141877	45.587	ng	0.00
23) Nitrobenzene-d5	7.345	82	85299	33.565	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	44205	58.097	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	178669	37.196	ng	-0.02
79) Terphenyl-d14	12.904	244	268949	29.416	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	11464	6.076	ng	# 69
25) Isophorone	7.345	82	85299	18.446	ng	# 65
50) Dimethylphthalate	9.816	163	12503	2.650	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	8709	8.132	ng	# 28
57) 2,4-Dinitrotoluene	9.816	165	8709	6.264	ng	# 19

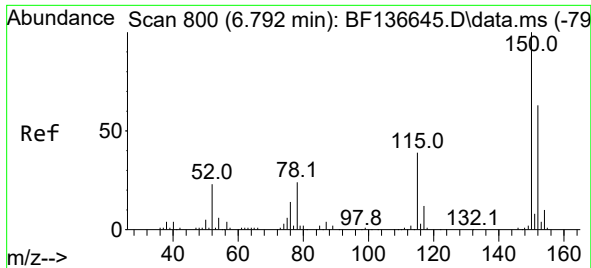
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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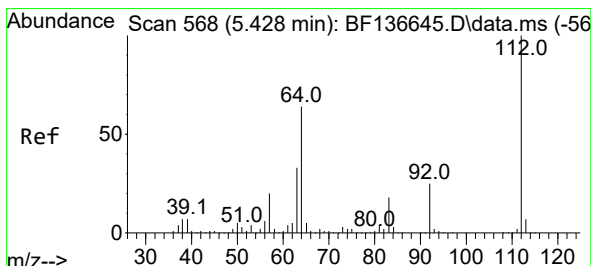
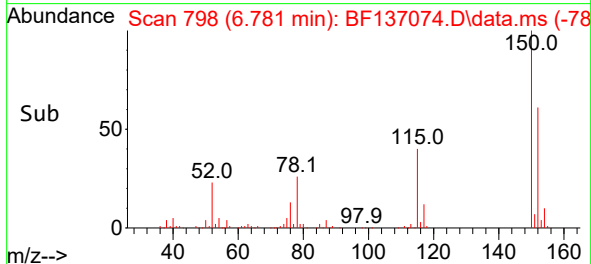
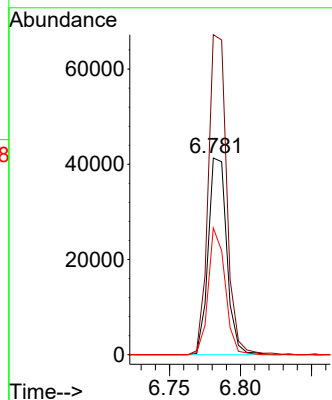
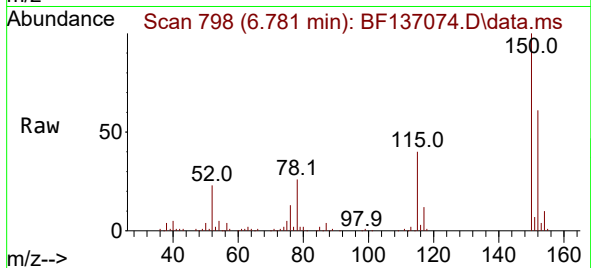




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137074.D
Acq: 15 Jan 2024 20:34

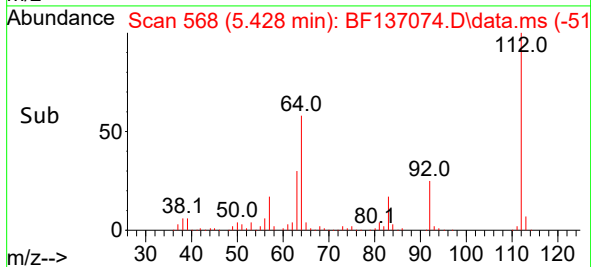
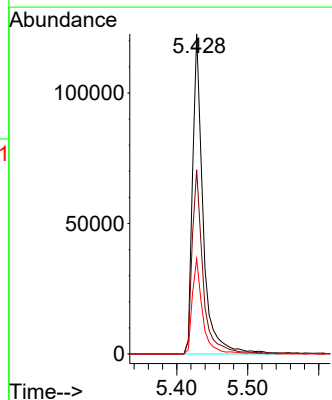
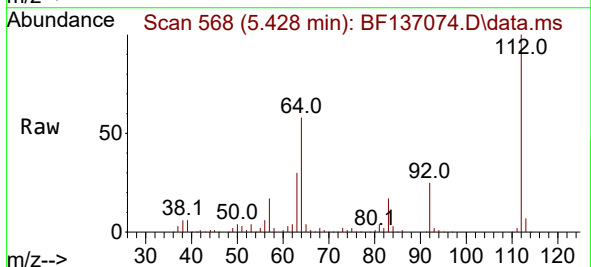
Instrument :
BNA_F
ClientSampleId :
MH-F

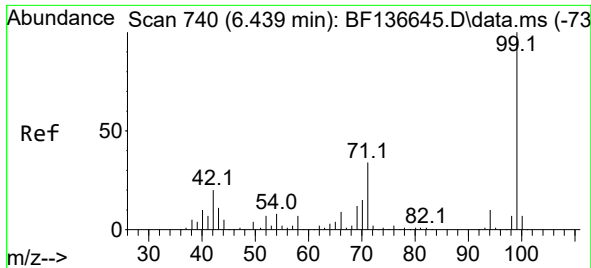
Tgt Ion:152 Resp: 37476
Ion Ratio Lower Upper
152 100
150 162.7 127.0 190.6
115 64.4 49.0 73.4



#5
2-Fluorophenol
Concen: 52.722 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137074.D
Acq: 15 Jan 2024 20:34

Tgt Ion:112 Resp: 126631
Ion Ratio Lower Upper
112 100
64 57.5 51.1 76.7
63 29.7 26.1 39.1

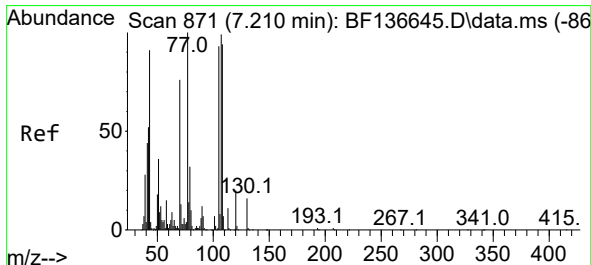
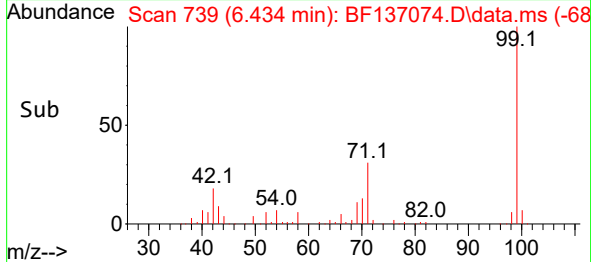
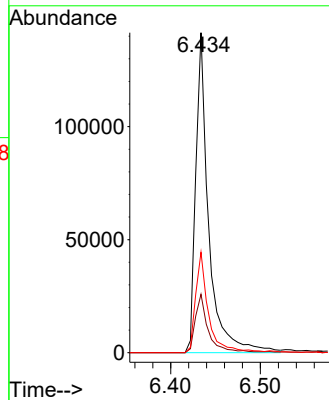
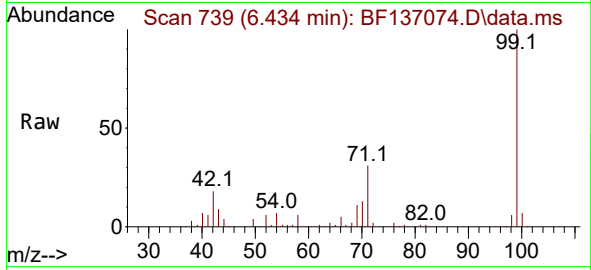




#7
Phenol-d6
Concen: 45.587 ng
RT: 6.434 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF137074.D
Acq: 15 Jan 2024 20:34

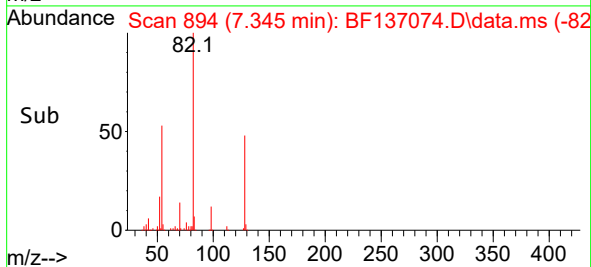
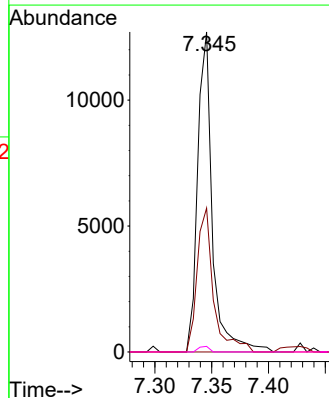
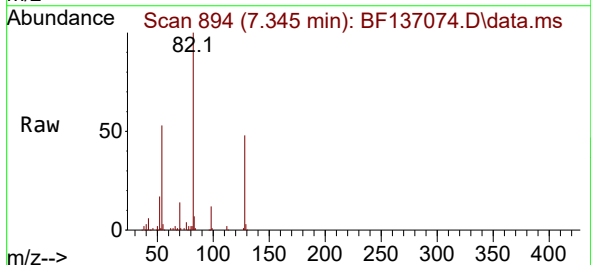
Instrument :
BNA_F
ClientSampleId :
MH-F

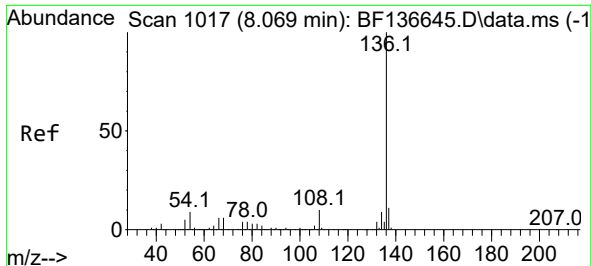
Tgt Ion: 99 Resp: 141877
Ion Ratio Lower Upper
99 100
42 18.3 16.1 24.1
71 31.4 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 6.076 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.136 min
Lab File: BF137074.D
Acq: 15 Jan 2024 20:34

Tgt Ion: 70 Resp: 11464
Ion Ratio Lower Upper
70 100
42 45.0 54.2 81.4#
101 0.0 7.6 11.4#
130 1.8 17.1 25.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137074.D

Acq: 15 Jan 2024 20:34

Instrument :

BNA_F

ClientSampleId :

MH-F

Tgt Ion:136 Resp: 130041

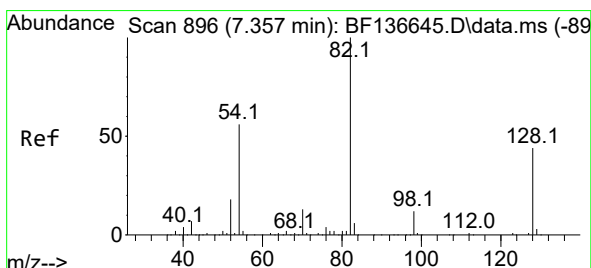
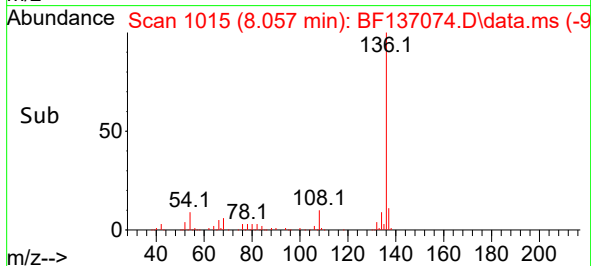
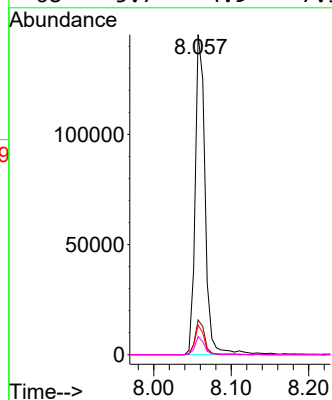
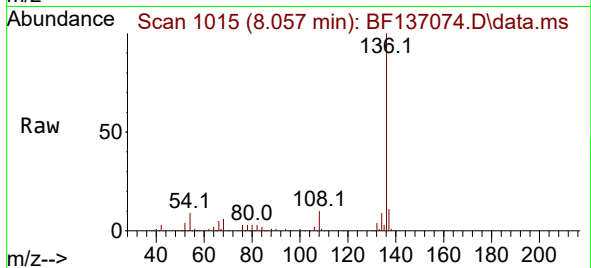
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 9.2 7.2 10.8

68 5.7 4.9 7.3



#23

Nitrobenzene-d5

Concen: 33.565 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF137074.D

Acq: 15 Jan 2024 20:34

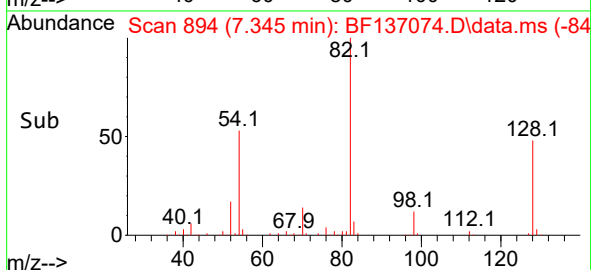
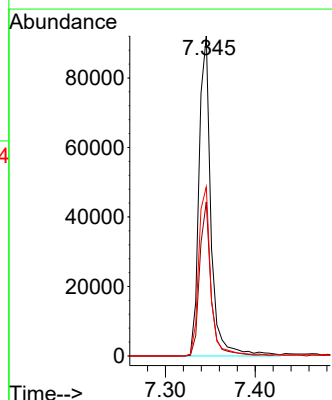
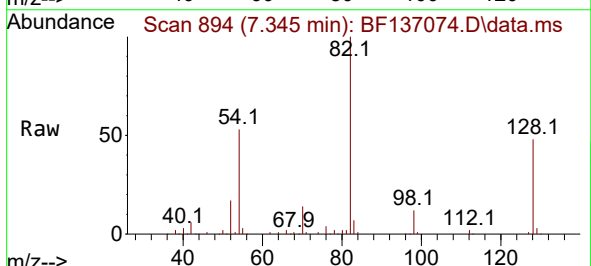
Tgt Ion: 82 Resp: 85299

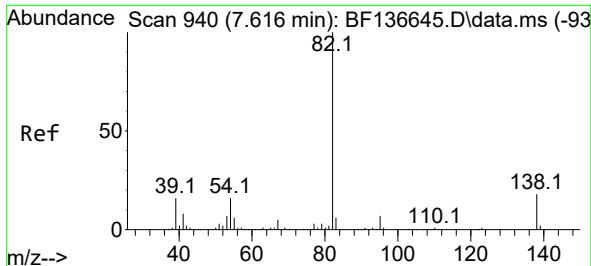
Ion Ratio Lower Upper

82 100

128 48.1 35.3 52.9

54 52.9 44.5 66.7

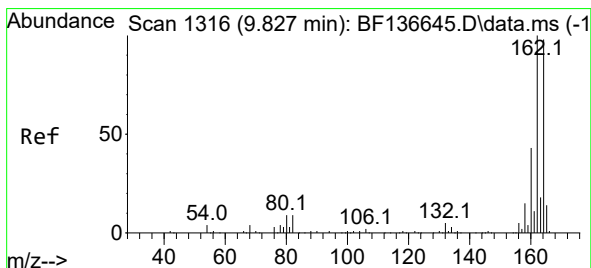
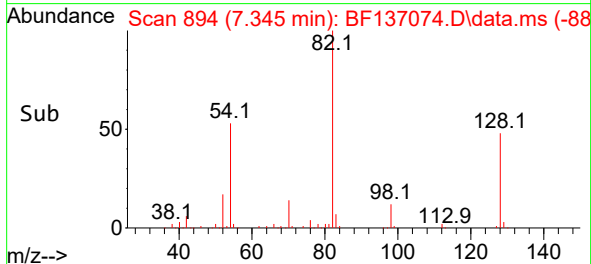
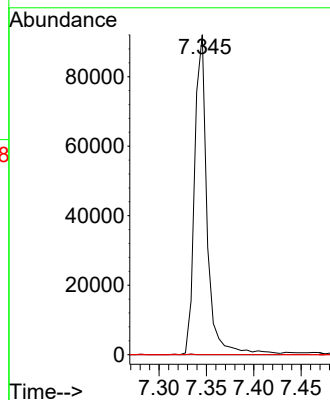
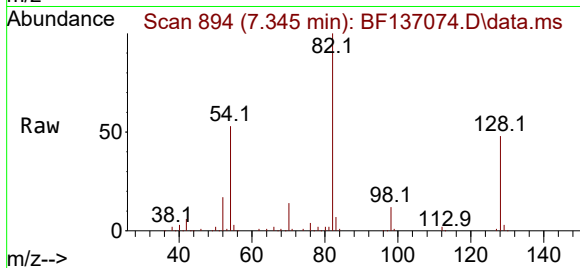




#25
Isophorone
Concen: 18.446 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF137074.D
Acq: 15 Jan 2024 20:34

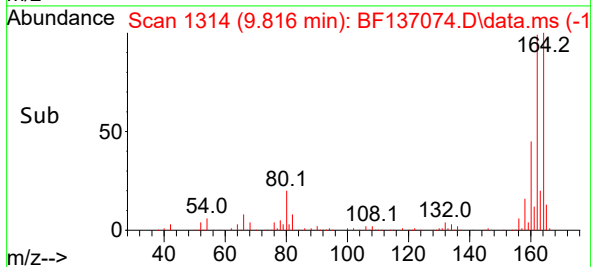
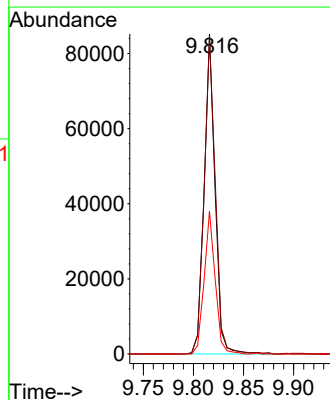
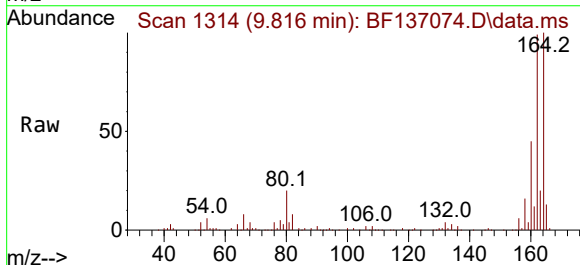
Instrument :
BNA_F
ClientSampleId :
MH-F

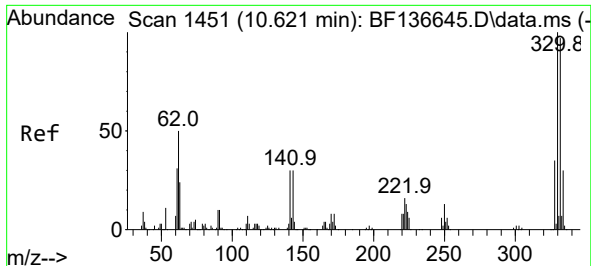
Tgt Ion: 82 Resp: 85299
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137074.D
Acq: 15 Jan 2024 20:34

Tgt Ion: 164 Resp: 64606
Ion Ratio Lower Upper
164 100
162 98.9 81.6 122.4
160 44.6 34.9 52.3

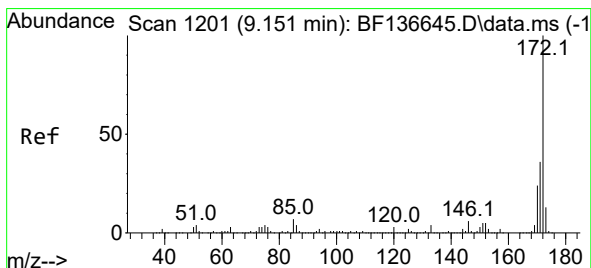
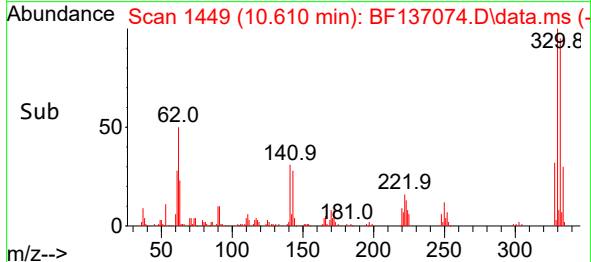
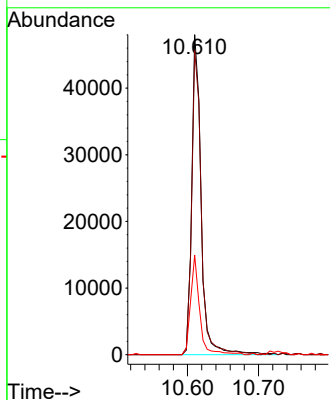
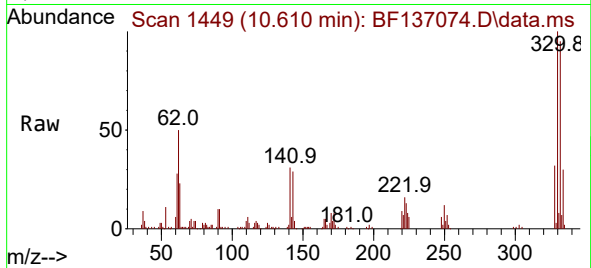




#42
2,4,6-Tribromophenol
Concen: 58.097 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF137074.D
Acq: 15 Jan 2024 20:34

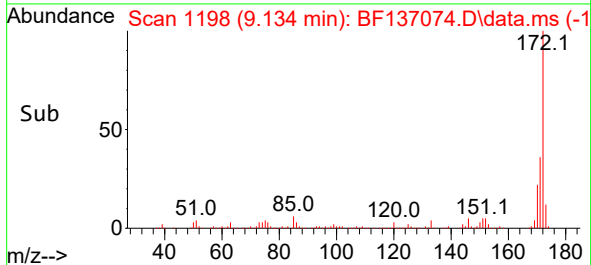
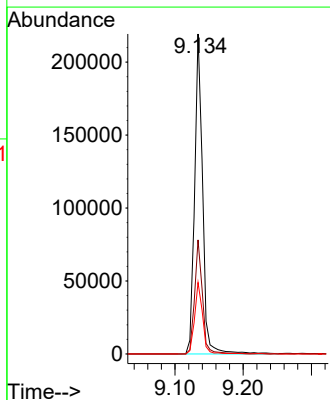
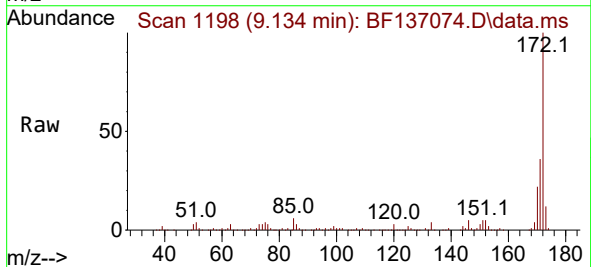
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ClientSampleId :
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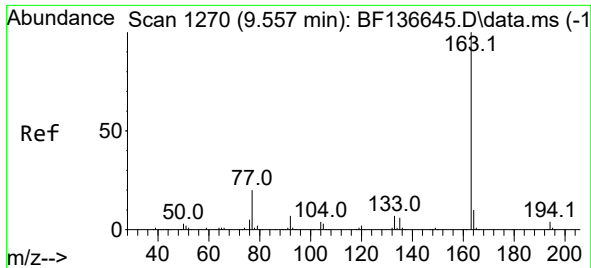
Tgt Ion: 330 Resp: 44205
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 29.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 37.196 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF137074.D
Acq: 15 Jan 2024 20:34

Tgt Ion: 172 Resp: 178669
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 22.4 19.0 28.4

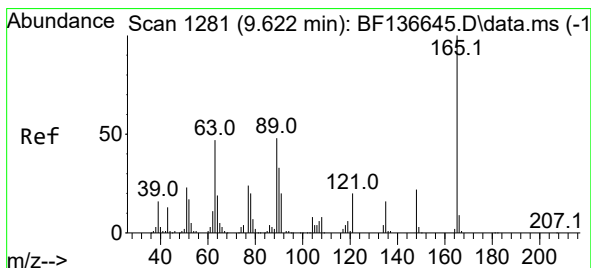
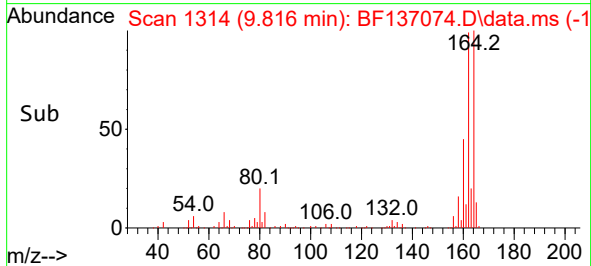
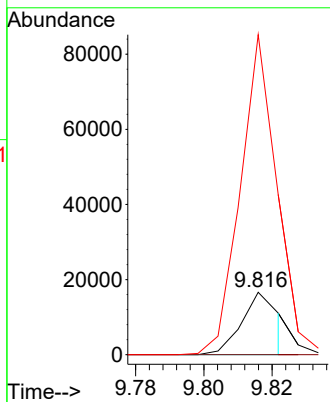
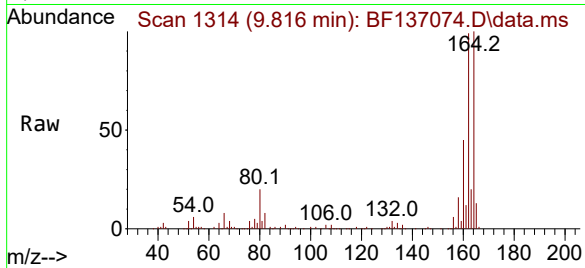




#50
Dimethylphthalate
Concen: 2.650 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF137074.D
Acq: 15 Jan 2024 20:34

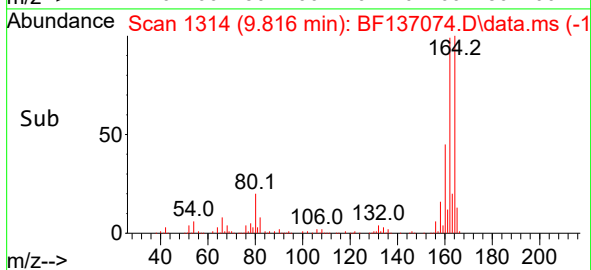
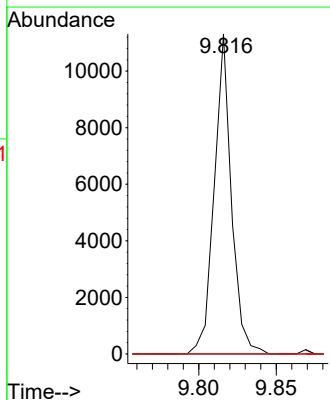
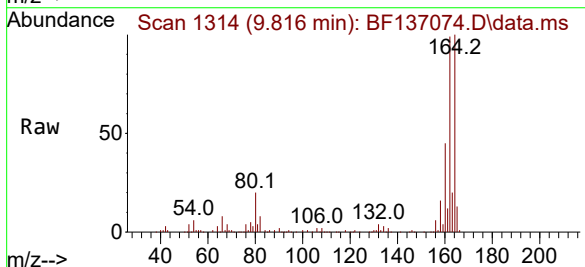
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BNA_F
ClientSampleId :
MH-F

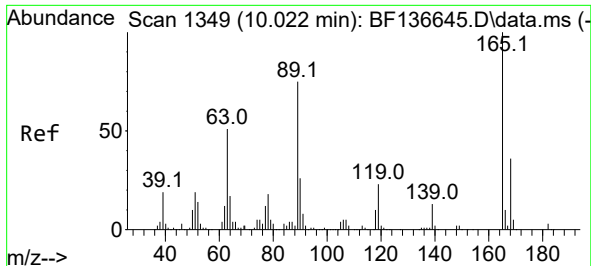
Tgt Ion:163 Resp: 12503
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 512.8 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 8.132 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137074.D
Acq: 15 Jan 2024 20:34

Tgt Ion:165 Resp: 8709
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 0.0 38.8 58.2#

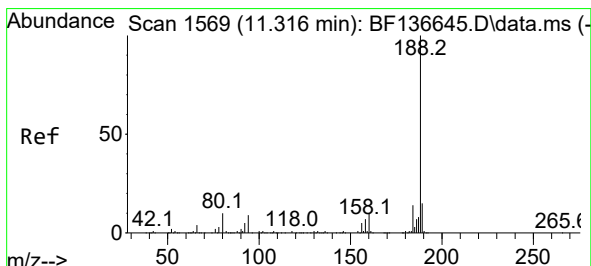
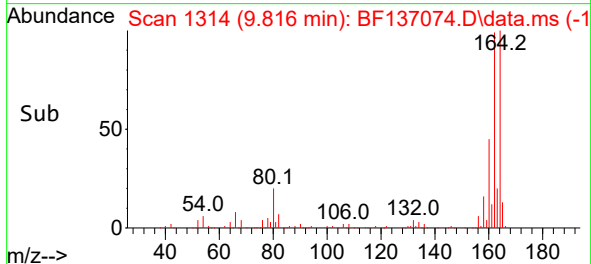
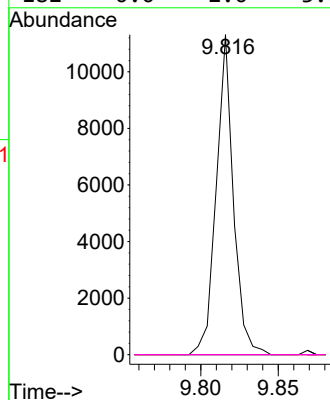
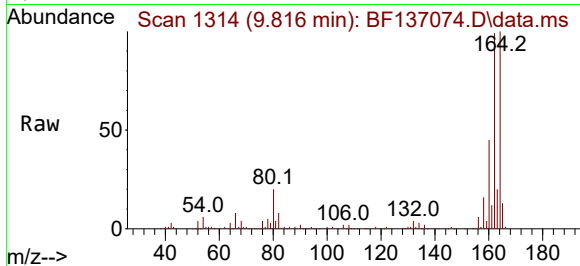




#57
2,4-Dinitrotoluene
Concen: 6.264 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137074.D
Acq: 15 Jan 2024 20:34

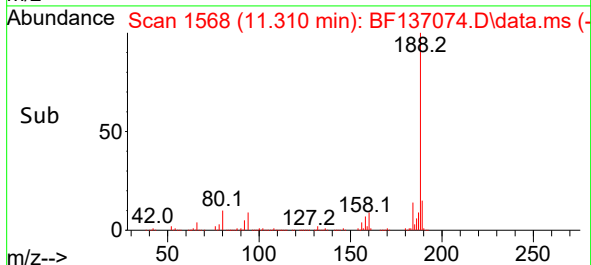
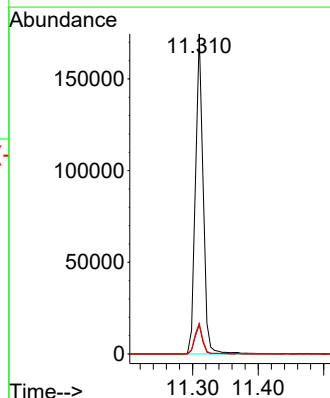
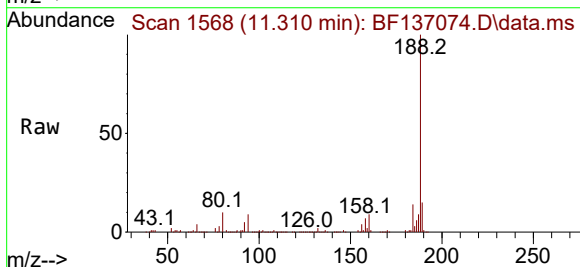
Instrument :
BNA_F
ClientSampleId :
MH-F

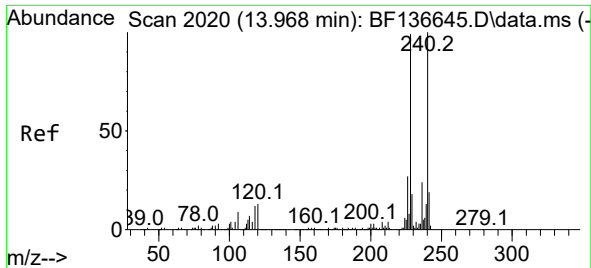
Tgt Ion:165 Resp: 8709
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 0.0 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137074.D
Acq: 15 Jan 2024 20:34

Tgt Ion:188 Resp: 142940
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 9.6 8.1 12.1

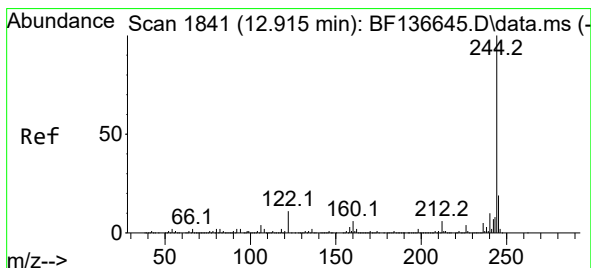
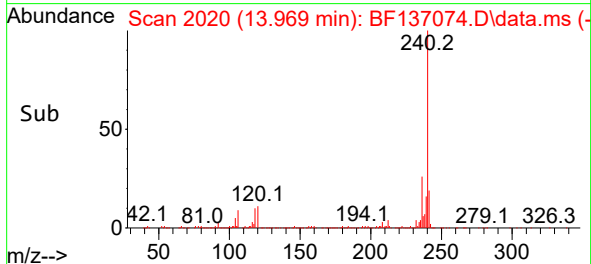
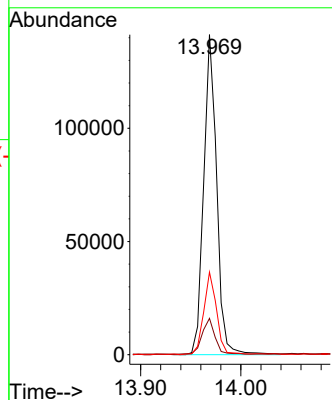
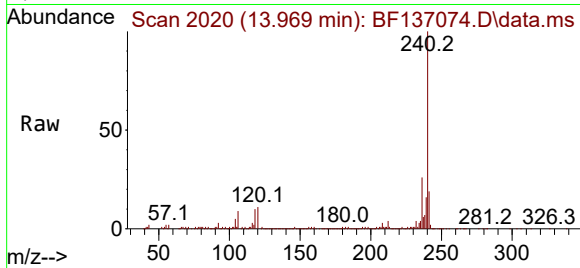




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF137074.D
Acq: 15 Jan 2024 20:34

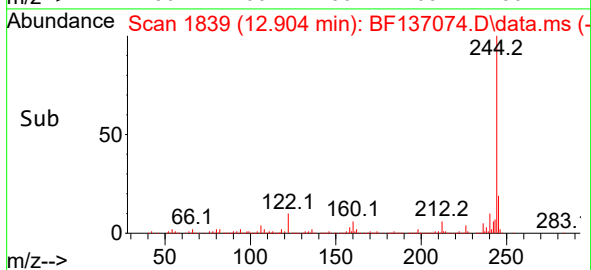
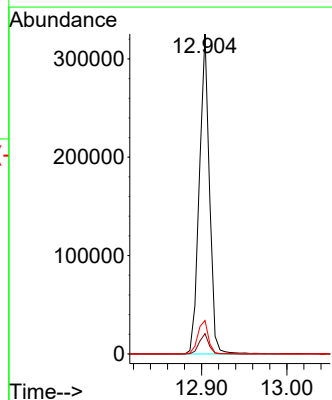
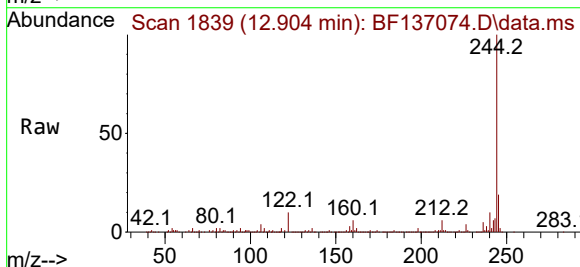
Instrument :
BNA_F
ClientSampleId :
MH-F

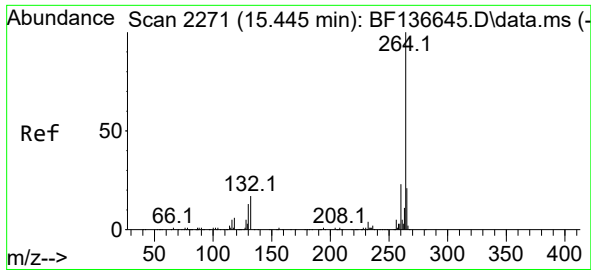
Tgt Ion:240 Resp: 127770
Ion Ratio Lower Upper
240 100
120 11.3 10.3 15.5
236 25.8 19.4 29.2



#79
Terphenyl-d14
Concen: 29.416 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF137074.D
Acq: 15 Jan 2024 20:34

Tgt Ion:244 Resp: 268949
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 10.4 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF137074.D

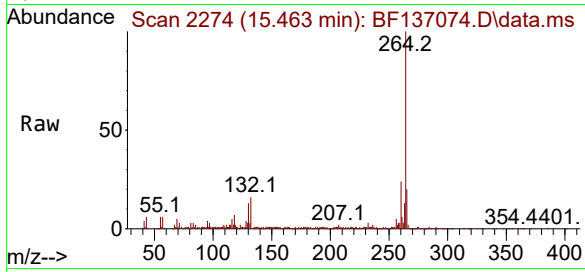
Acq: 15 Jan 2024 20:34

Instrument :

BNA_F

ClientSampleId :

MH-F



Tgt Ion:264 Resp: 93163

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 20.3 17.0 25.6

