

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
 Data File : BF137754.D
 Acq On : 29 Apr 2024 17:34
 Operator : CG\JU
 Sample : P2231-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 29 18:29:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

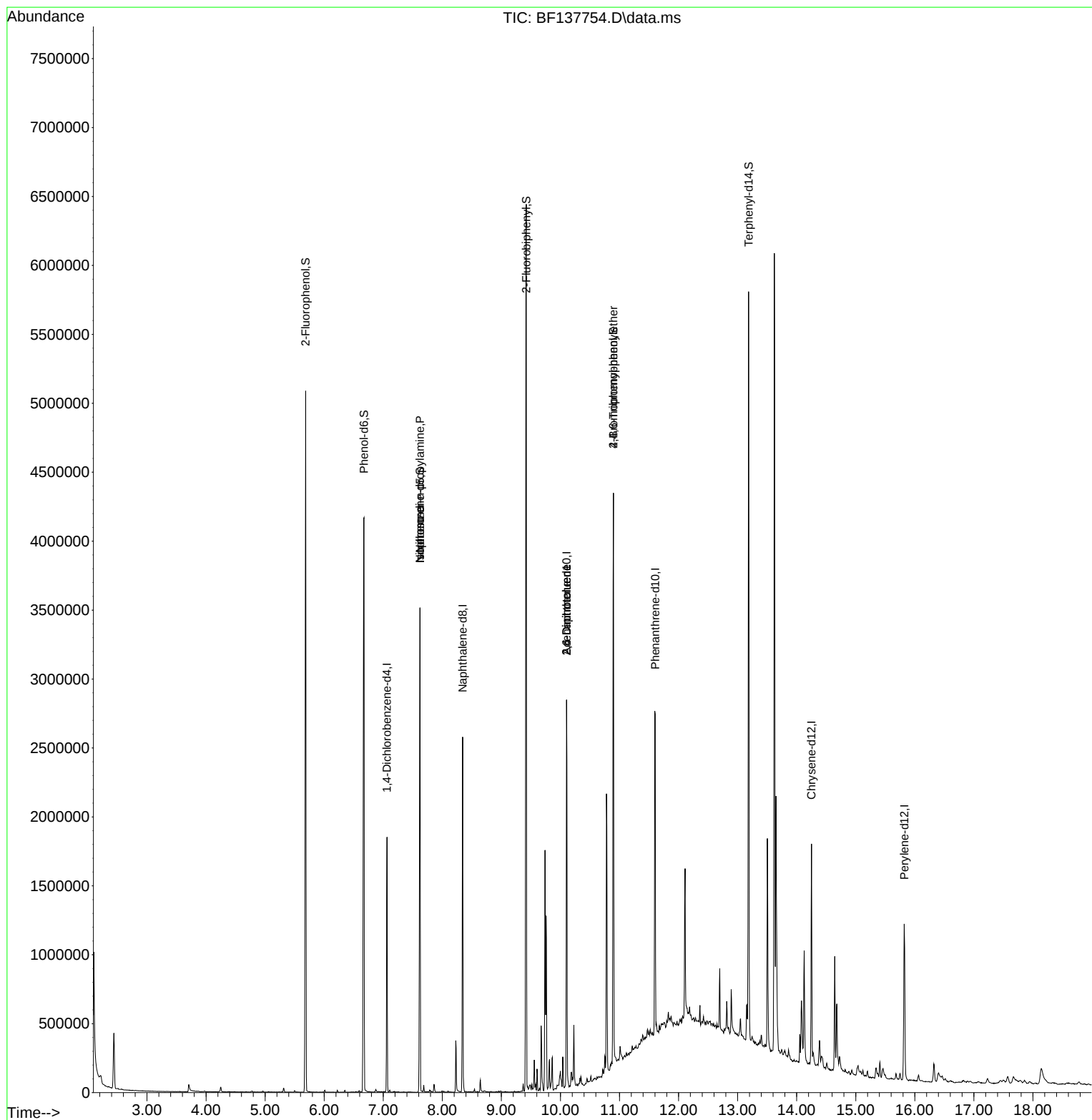
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	253310	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	999034	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	556144	20.000	ng	-0.01
64) Phenanthrene-d10	11.604	188	889419	20.000	ng	# 0.00
76) Chrysene-d12	14.251	240	501663	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	538406	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1366986	81.975	ng	0.00
7) Phenol-d6	6.675	99	1724184	81.420	ng	0.00
23) Nitrobenzene-d5	7.622	82	1051752	55.884	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	489932	87.302	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2076542	55.791	ng	0.00
79) Terphenyl-d14	13.186	244	1861857	59.737	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.622	70	140200	10.239	ng	# 75
25) Isophorone	7.622	82	1050124	30.044	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	73491	9.002	ng	# 23
57) 2,4-Dinitrotoluene	10.104	165	73559	7.147	ng	# 25
67) 4-Bromophenyl-phenylether	10.898	248	32817	3.184	ng	# 1

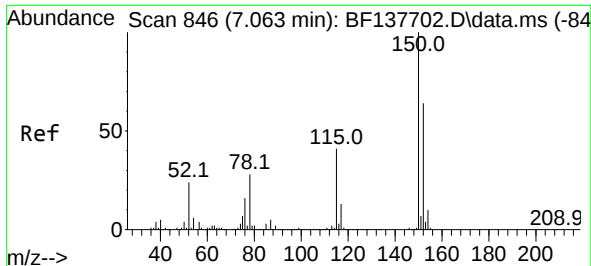
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
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Operator : CG\JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :

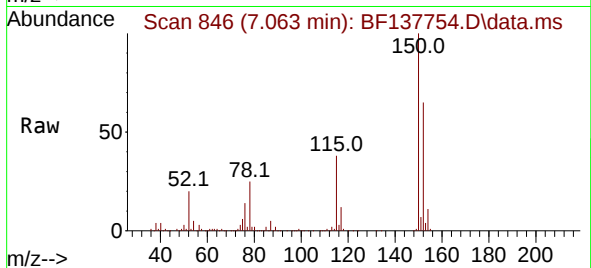
Quant Time: Apr 29 18:29:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
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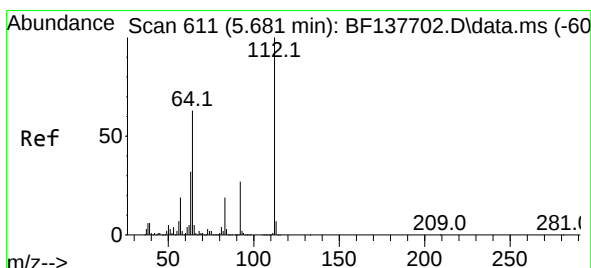
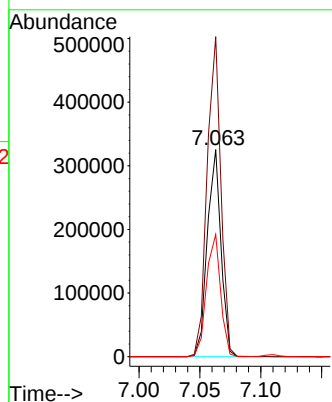
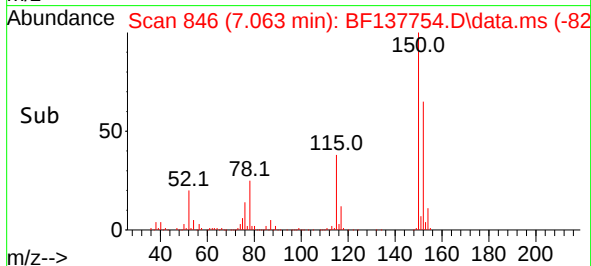


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

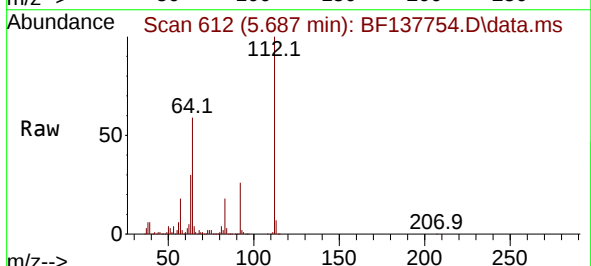
Instrument :
BNA_F
ClientSampleId :



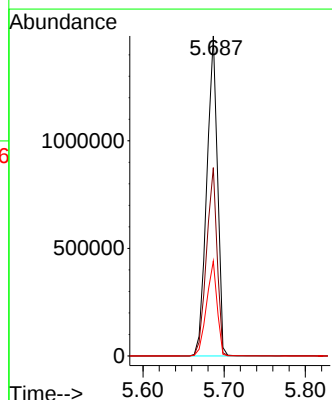
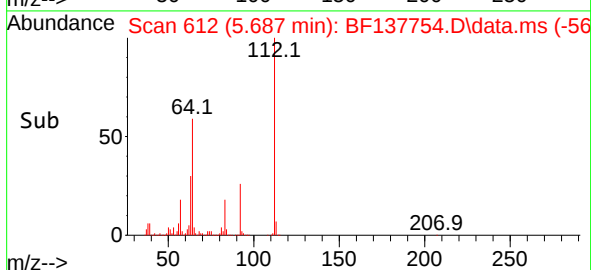
Tgt Ion:152 Resp: 253310
Ion Ratio Lower Upper
152 100
150 154.6 124.2 186.4
115 59.1 50.8 76.2



#5
2-Fluorophenol
Concen: 81.975 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.006 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34



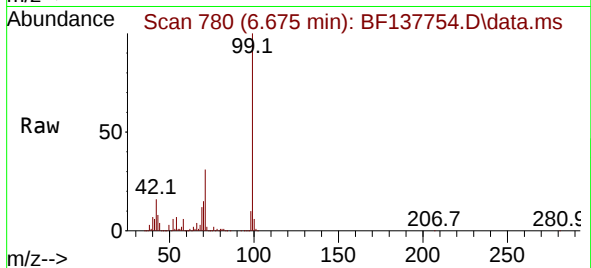
Tgt Ion:112 Resp: 1366986
Ion Ratio Lower Upper
112 100
64 58.8 50.1 75.1
63 29.7 25.2 37.8





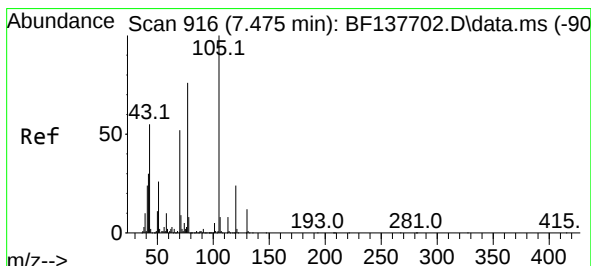
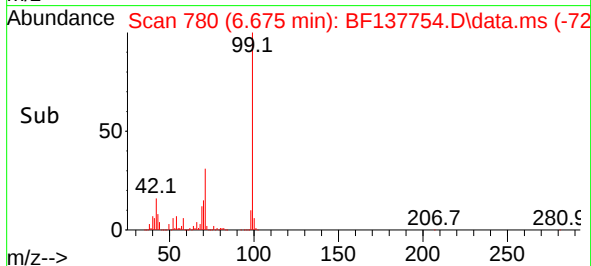
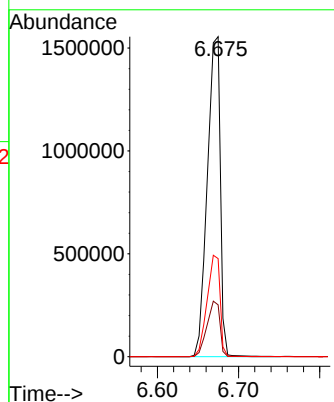
#7
Phenol-d6
Concen: 81.420 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1724184

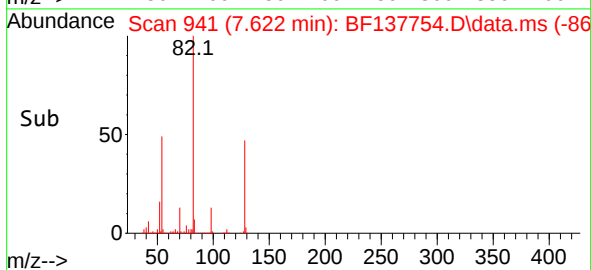
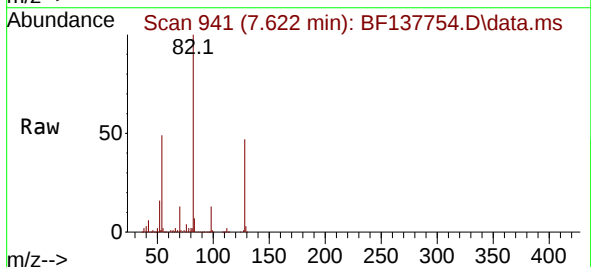
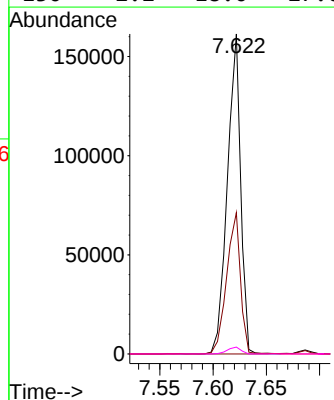
Ion	Ratio	Lower	Upper
99	100		
42	16.2	15.0	22.4
71	30.7	25.7	38.5

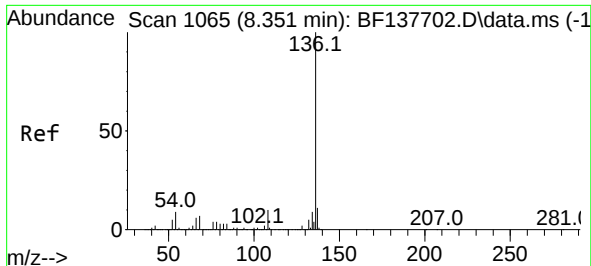


#19
n-Nitroso-di-n-propylamine
Concen: 10.239 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.147 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

Tgt Ion: 70 Resp: 140200

Ion	Ratio	Lower	Upper
70	100		
42	44.2	45.9	68.9#
101	0.0	8.0	12.0#
130	2.2	18.0	27.0#



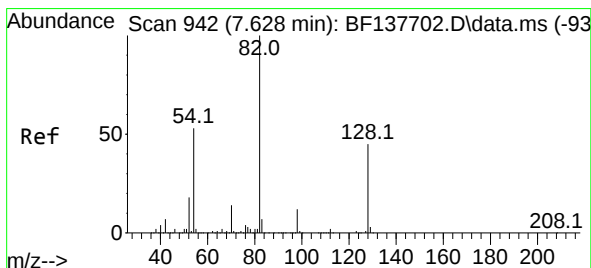
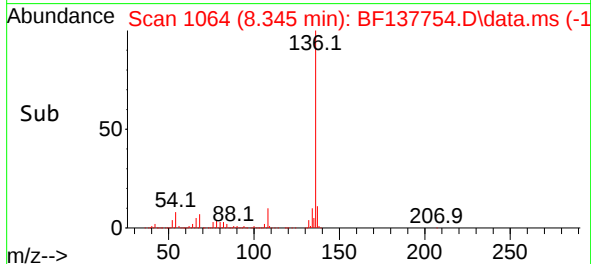
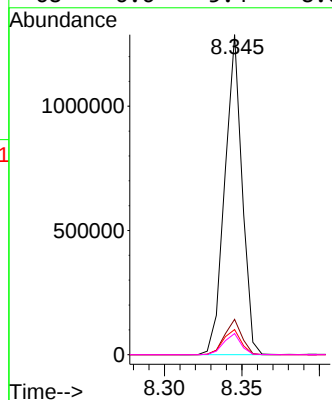
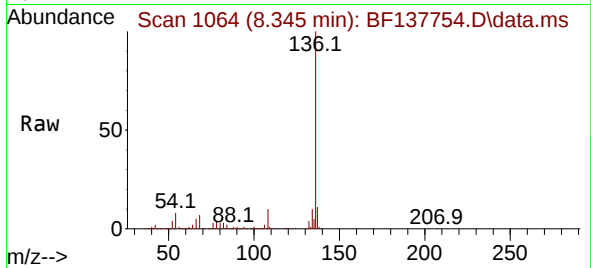


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 999034

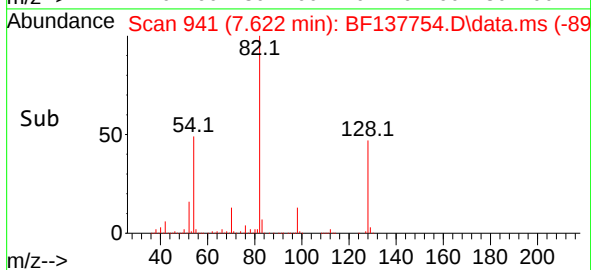
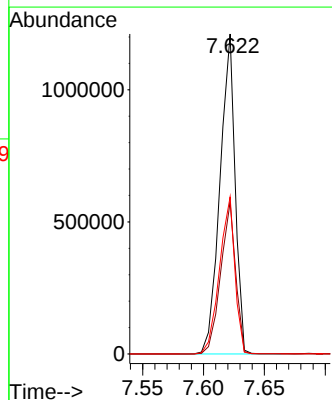
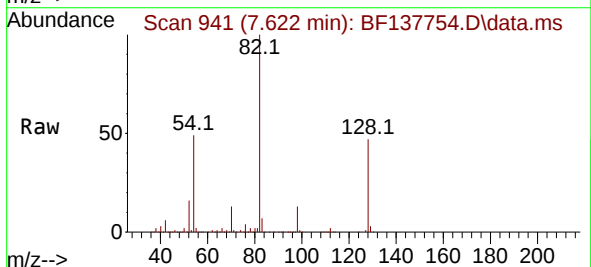
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.9	6.9	10.3
68	6.6	5.4	8.0

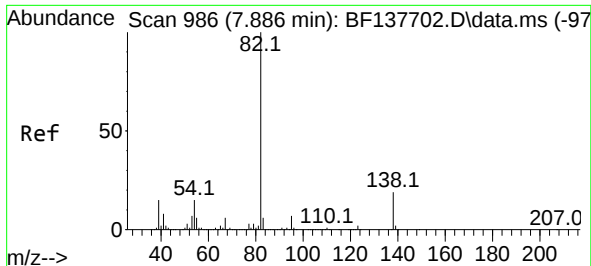


#23
Nitrobenzene-d5
Concen: 55.884 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

Tgt Ion: 82 Resp: 1051752

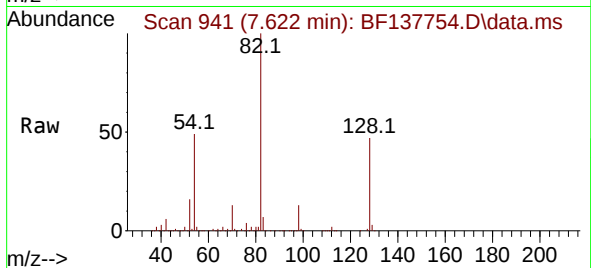
Ion	Ratio	Lower	Upper
82	100		
128	47.4	35.8	53.6
54	49.1	42.5	63.7



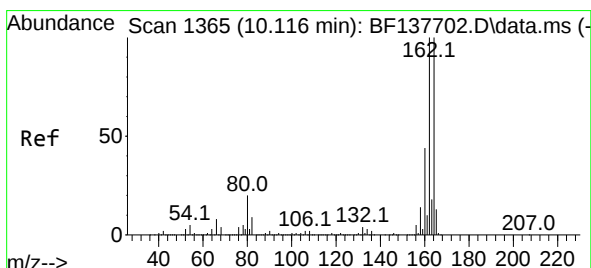
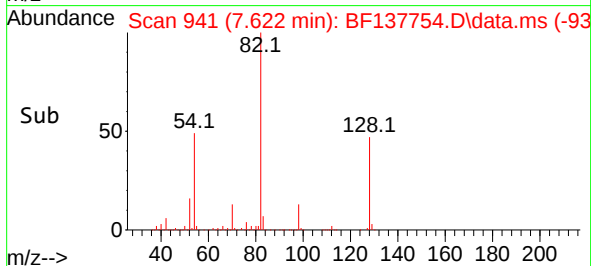
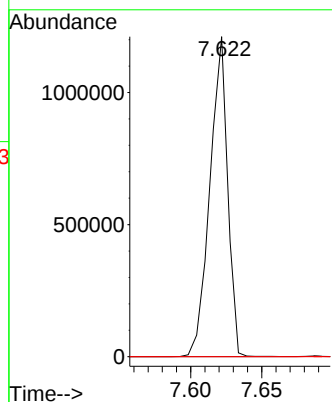


#25
Isophorone
Concen: 30.044 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.265 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

Instrument :
BNA_F
ClientSampleId :

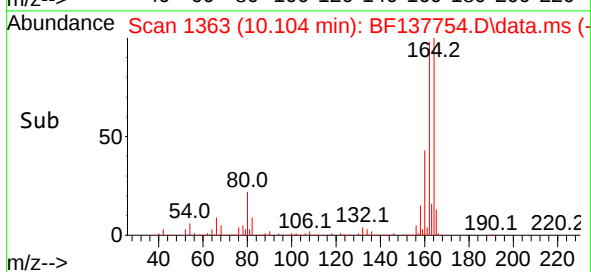
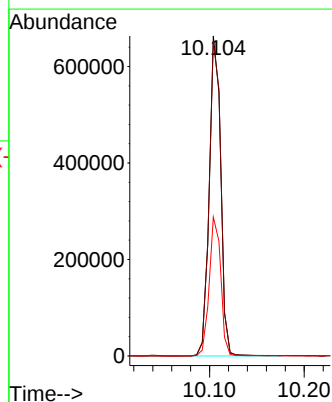
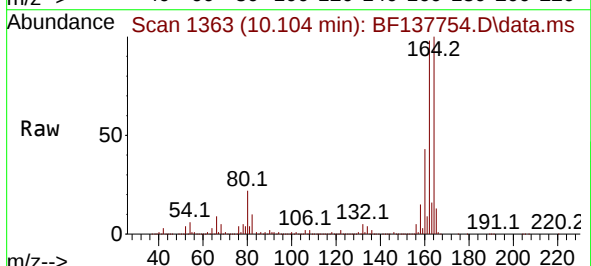


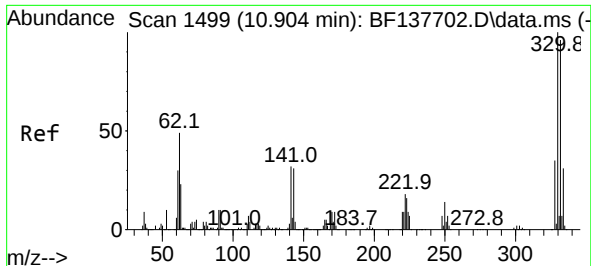
Tgt Ion: 82 Resp: 1050124
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

Tgt Ion: 164 Resp: 556144
Ion Ratio Lower Upper
164 100
162 98.4 80.3 120.5
160 43.4 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 87.302 ng

RT: 10.898 min Scan# 1499

Delta R.T. -0.006 min

Lab File: BF137754.D

Acq: 29 Apr 2024 17:34

Instrument :

BNA_F

ClientSampleId :

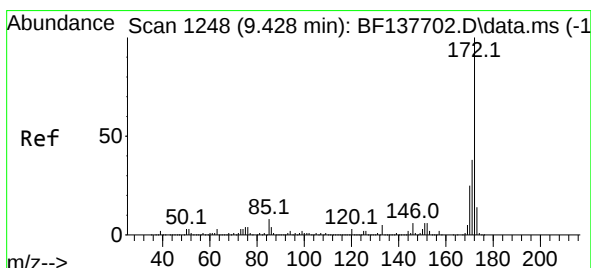
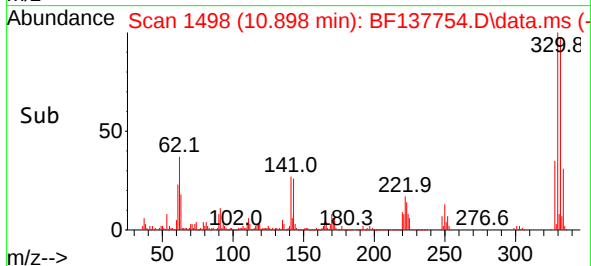
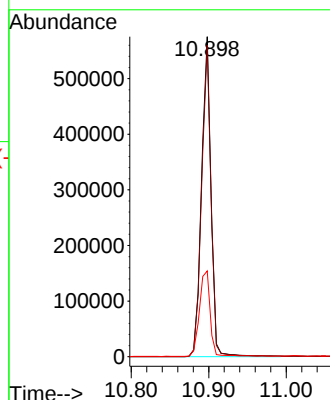
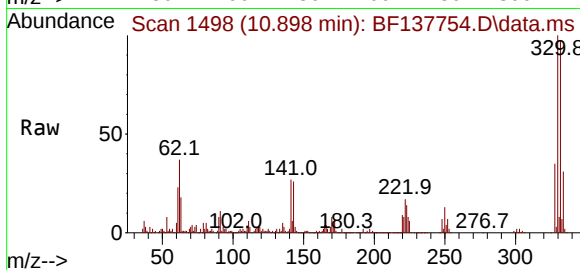
Tgt Ion:330 Resp: 489932

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 30.2 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 55.791 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137754.D

Acq: 29 Apr 2024 17:34

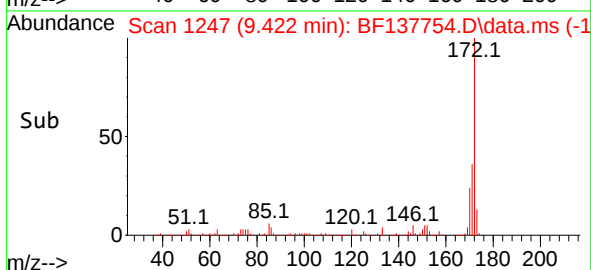
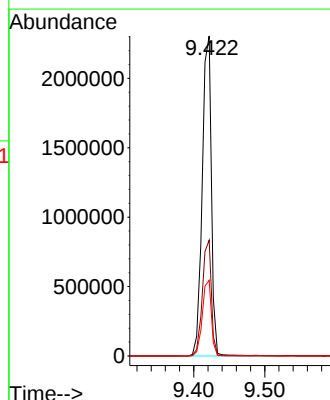
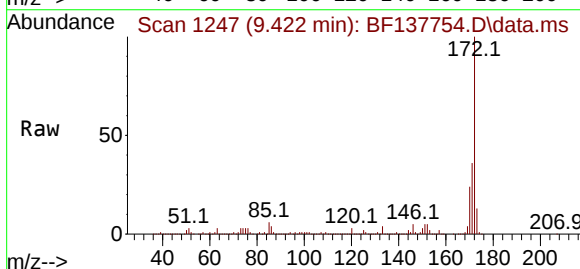
Tgt Ion:172 Resp: 2076542

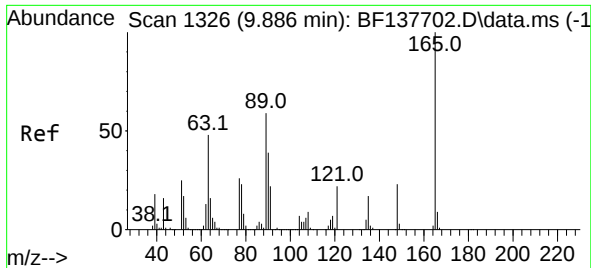
Ion Ratio Lower Upper

172 100

171 36.2 30.2 45.4

170 23.7 20.2 30.4

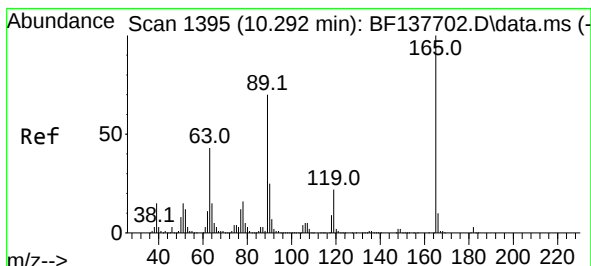
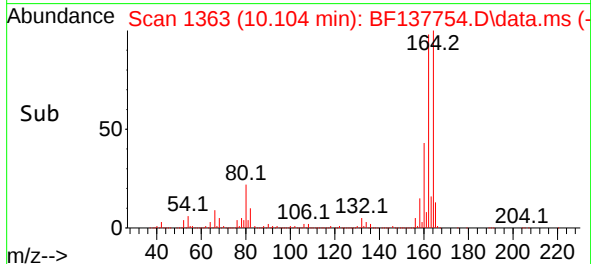
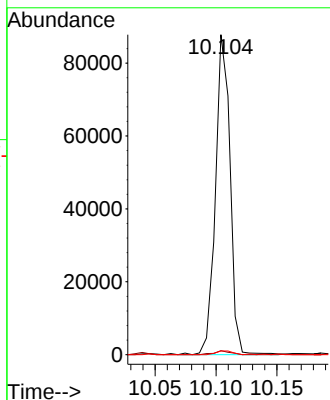
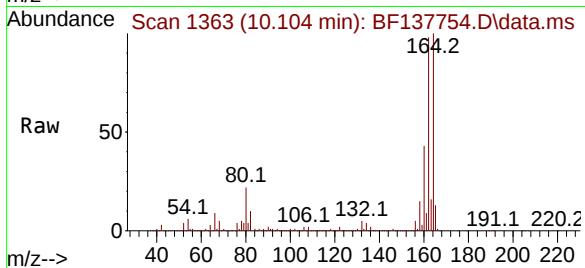




#51
2,6-Dinitrotoluene
Concen: 9.002 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.218 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

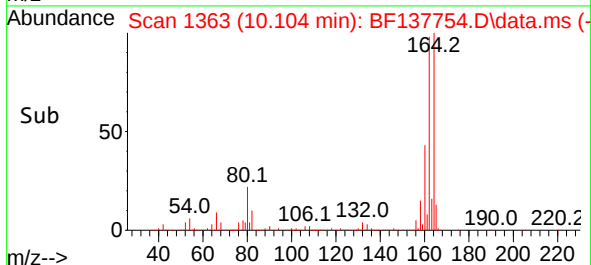
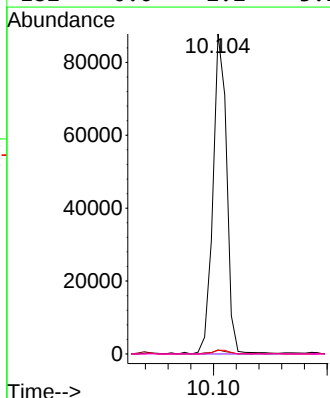
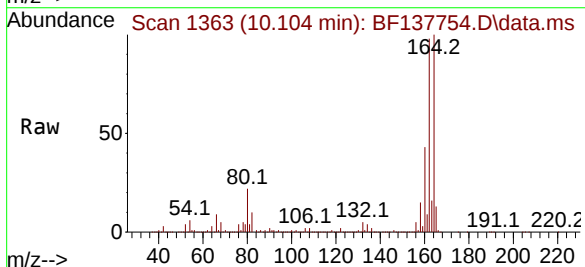
Instrument :
BNA_F
ClientSampleId :

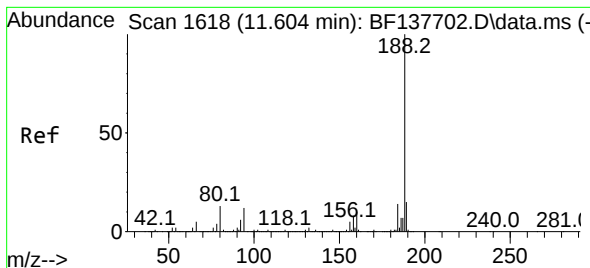
Tgt Ion:165 Resp: 73491
Ion Ratio Lower Upper
165 100
63 1.3 47.7 71.5#
89 1.2 47.3 70.9#



#57
2,4-Dinitrotoluene
Concen: 7.147 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.188 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

Tgt Ion:165 Resp: 73559
Ion Ratio Lower Upper
165 100
63 1.3 34.1 51.1#
89 1.2 56.4 84.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.000 min

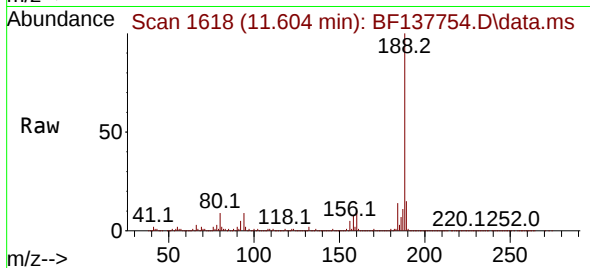
Lab File: BF137754.D

Acq: 29 Apr 2024 17:34

Instrument :

BNA_F

ClientSampleId :



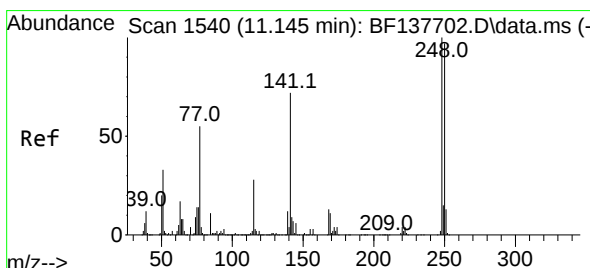
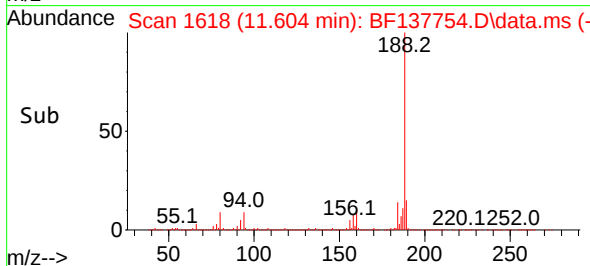
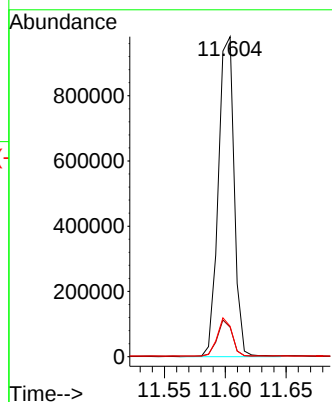
Tgt Ion:188 Resp: 889419

Ion Ratio Lower Upper

188 100

94 9.2 9.4 14.2#

80 9.5 10.2 15.4#



#67

4-Bromophenyl-phenylether

Concen: 3.184 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.247 min

Lab File: BF137754.D

Acq: 29 Apr 2024 17:34

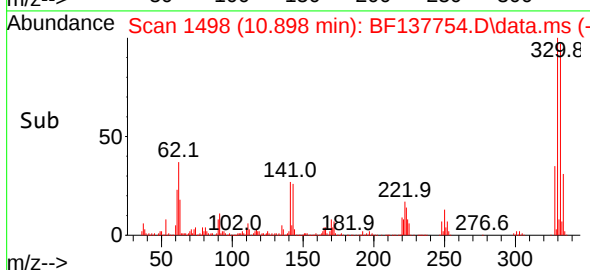
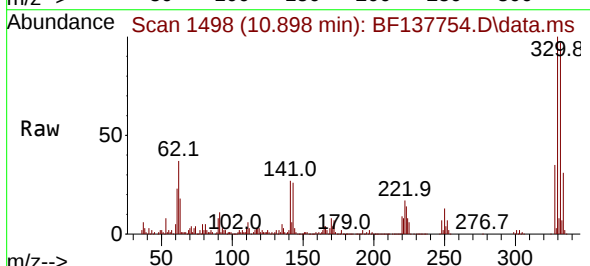
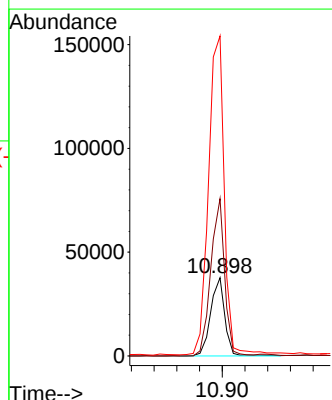
Tgt Ion:248 Resp: 32817

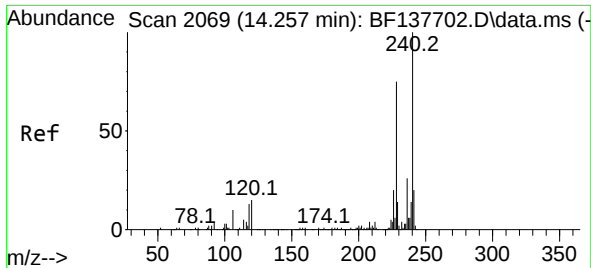
Ion Ratio Lower Upper

248 100

250 201.0 77.4 116.0#

141 409.1 57.9 86.9#

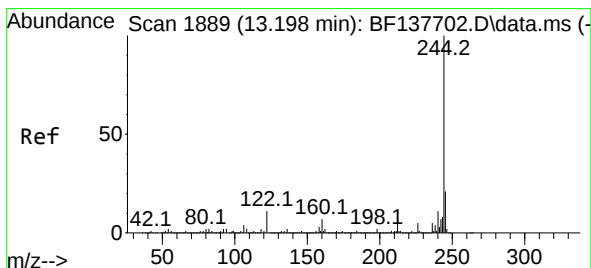
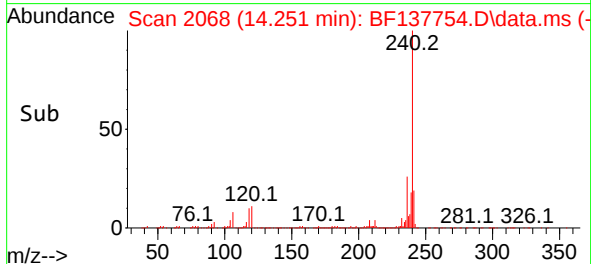
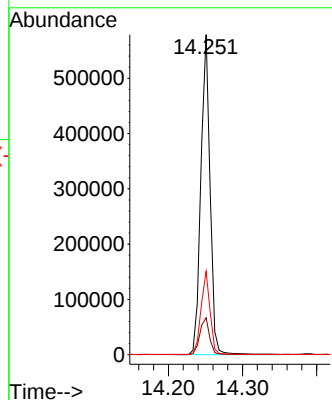
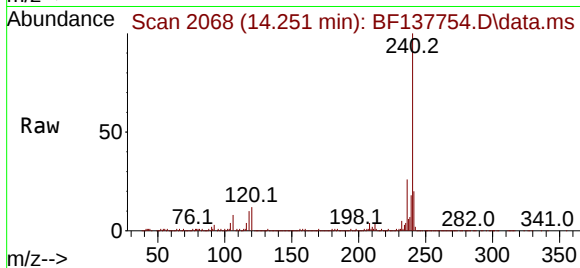




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

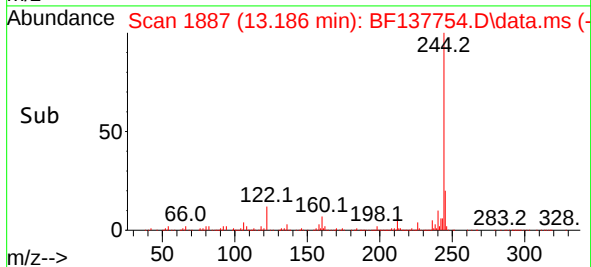
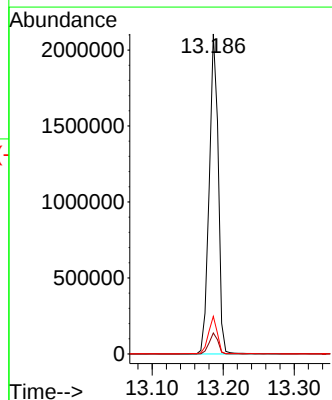
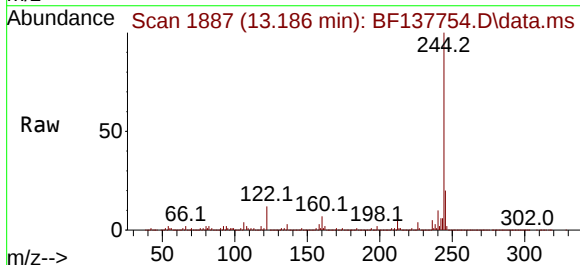
Instrument :
BNA_F
ClientSampleId :

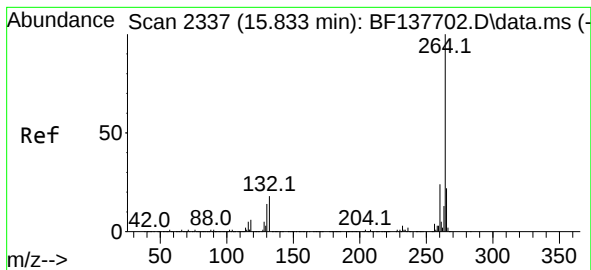
Tgt Ion:240 Resp: 501663
Ion Ratio Lower Upper
240 100
120 11.5 11.9 17.9#
236 26.1 20.8 31.2



#79
Terphenyl-d14
Concen: 59.737 ng
RT: 13.186 min Scan# 1887
Delta R.T. -0.012 min
Lab File: BF137754.D
Acq: 29 Apr 2024 17:34

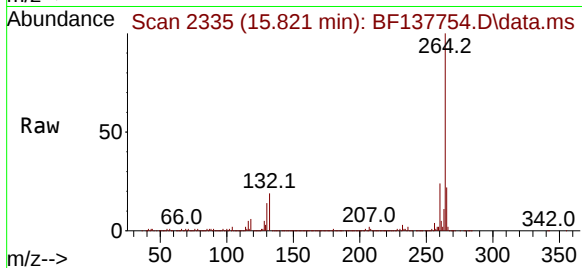
Tgt Ion:244 Resp: 1861857
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 11.7 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.821 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF137754.D
 Acq: 29 Apr 2024 17:34

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 538406
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.6 17.5 26.3

