

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137819.D
 Acq On : 02 May 2024 17:18
 Operator : CG\JU
 Sample : P2330-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 18:39:41 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)

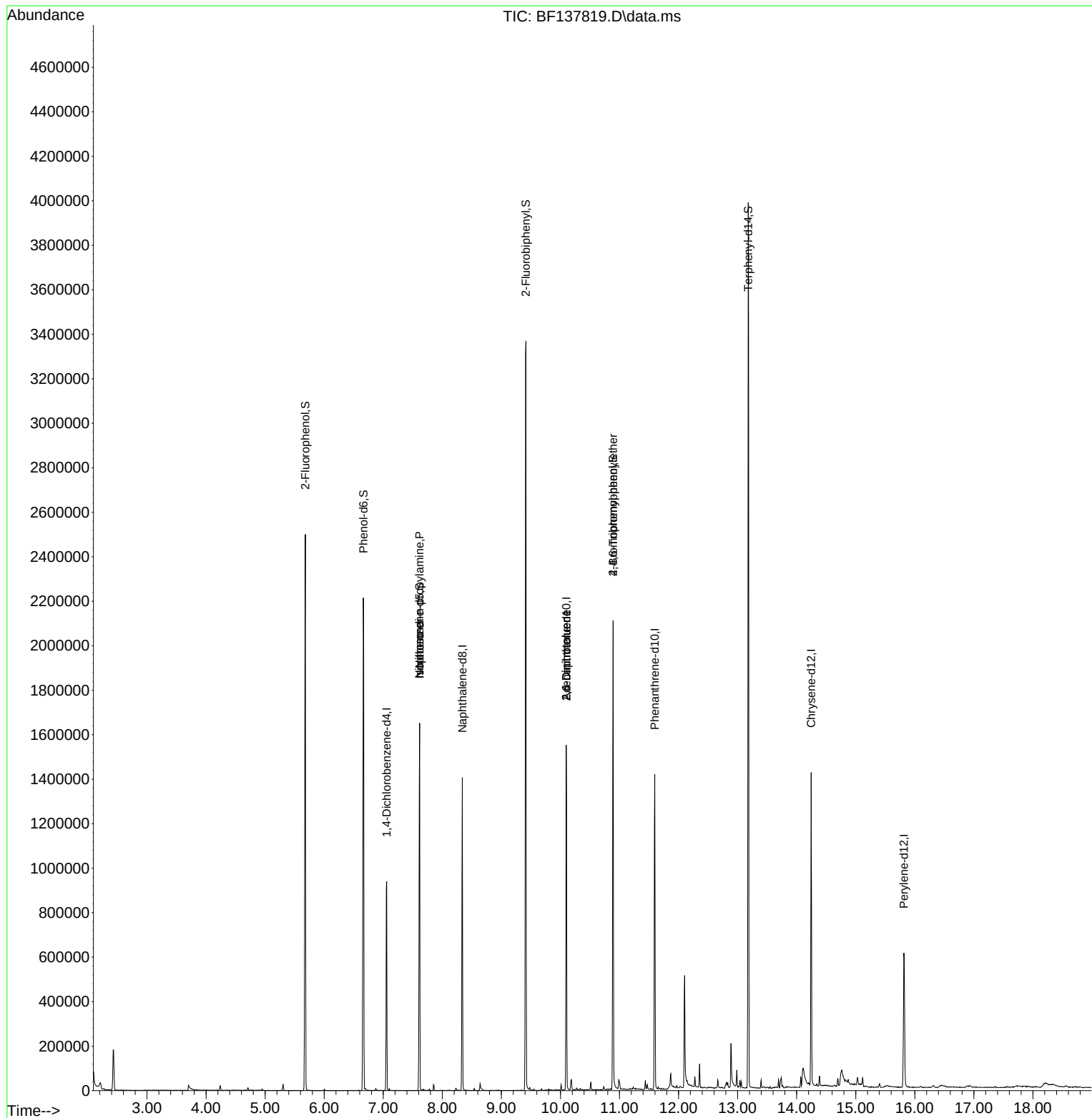
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	145946	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	568583	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	323590	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	508504	20.000	ng	# 0.00
76) Chrysene-d12	14.245	240	437847	20.000	ng	0.00
86) Perylene-d12	15.815	264	296186	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	690090	79.167	ng	0.00
7) Phenol-d6	6.663	99	857374	77.545	ng	-0.01
23) Nitrobenzene-d5	7.616	82	511175	52.232	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	253012	76.579	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1121192	56.213	ng	0.00
79) Terphenyl-d14	13.180	244	1412142	54.050	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.616	70	67436	10.206	ng	# 74
25) Isophorone	7.616	82	511168	28.969	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	42113	9.021	ng	# 27
57) 2,4-Dinitrotoluene	10.098	165	42114	6.905	ng	# 26
67) 4-Bromophenyl-phenylether	10.892	248	16289	2.993	ng	# 1

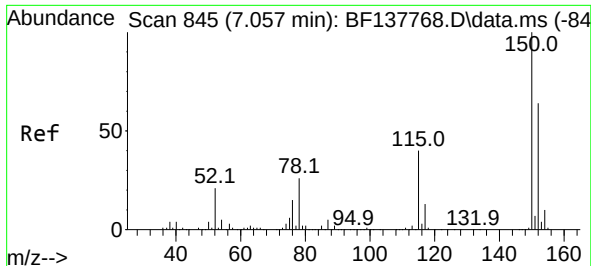
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137819.D
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Misc :
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Instrument :
BNA_F
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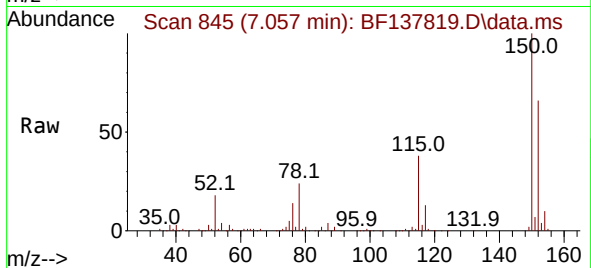
Quant Time: May 02 18:39:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



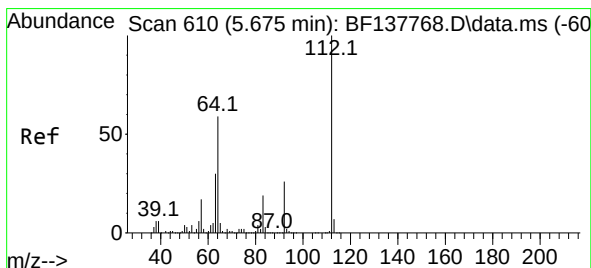
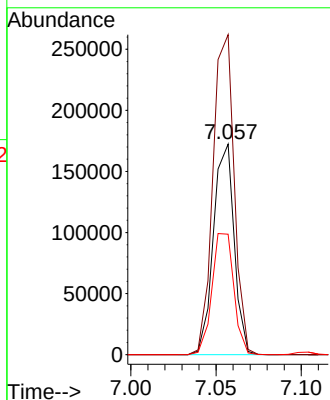
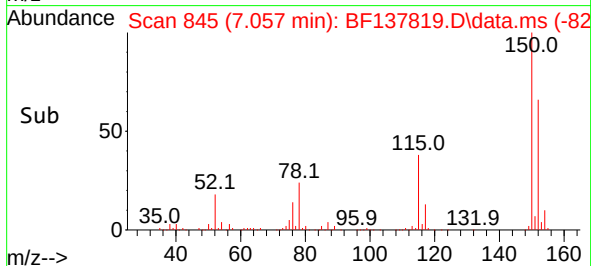


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137819.D
Acq: 02 May 2024 17:18

Instrument :
BNA_F
ClientSampleId :

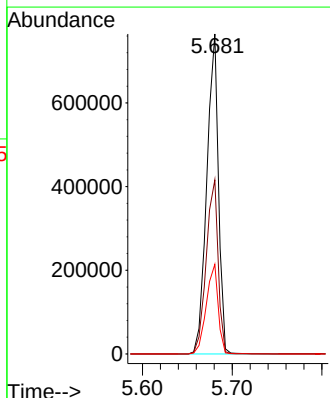
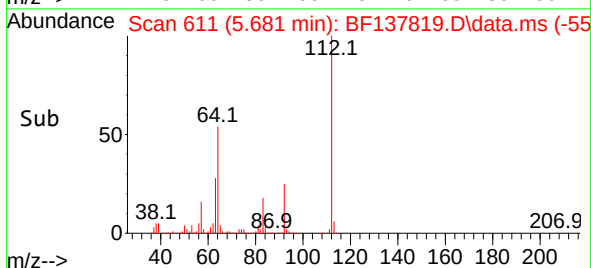
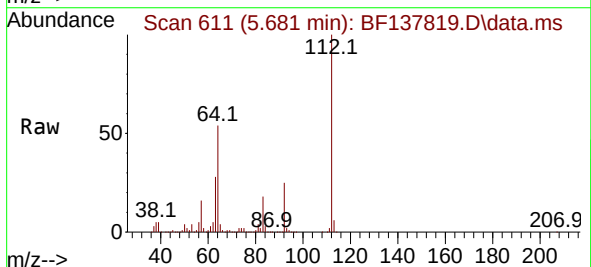


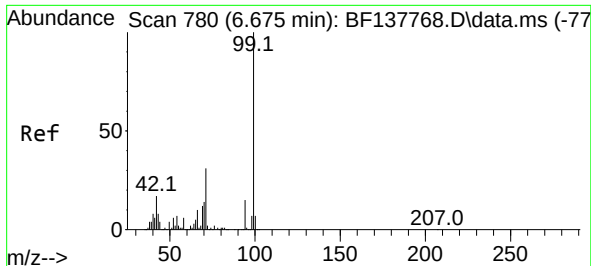
Tgt Ion:152 Resp: 145946
Ion Ratio Lower Upper
152 100
150 151.9 124.1 186.1
115 57.2 49.1 73.7



#5
2-Fluorophenol
Concen: 79.167 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137819.D
Acq: 02 May 2024 17:18

Tgt Ion:112 Resp: 690090
Ion Ratio Lower Upper
112 100
64 54.4 47.3 70.9
63 28.0 23.7 35.5

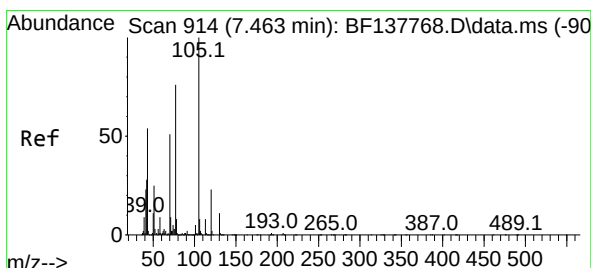
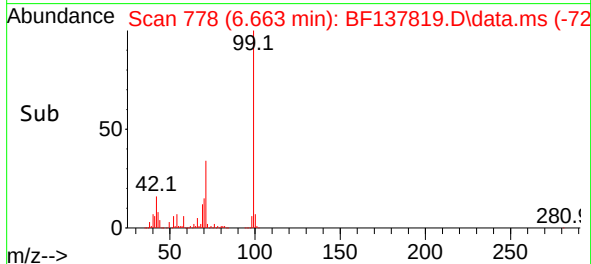
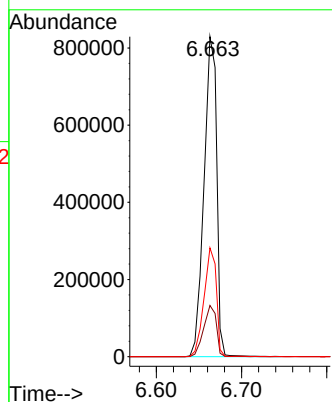
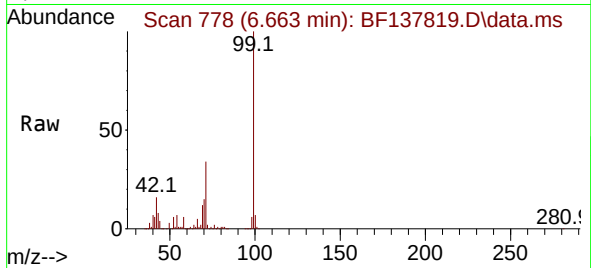




#7
Phenol-d6
Concen: 77.545 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137819.D
Acq: 02 May 2024 17:18

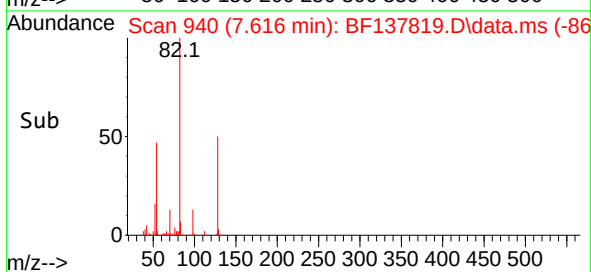
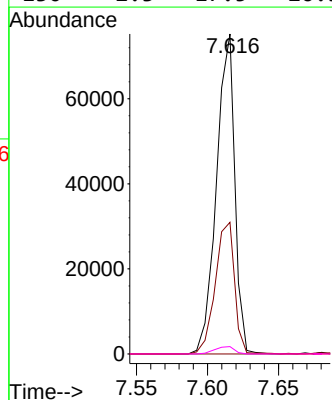
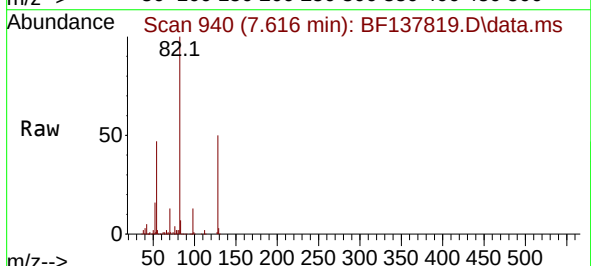
Instrument :
BNA_F
ClientSampleId :

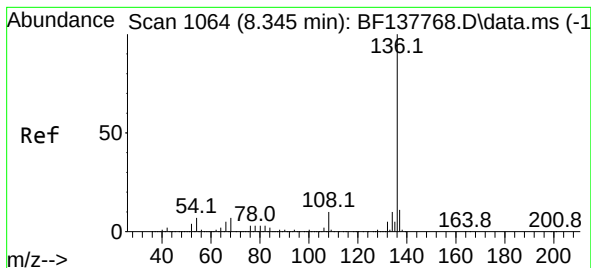
Tgt Ion: 99 Resp: 857374
Ion Ratio Lower Upper
99 100
42 16.0 13.2 19.8
71 34.0 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.206 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137819.D
Acq: 02 May 2024 17:18

Tgt Ion: 70 Resp: 67436
Ion Ratio Lower Upper
70 100
42 41.1 44.6 66.8#
101 0.0 7.8 11.6#
130 2.3 17.5 26.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.339 min Scan# 1063

Delta R.T. -0.006 min

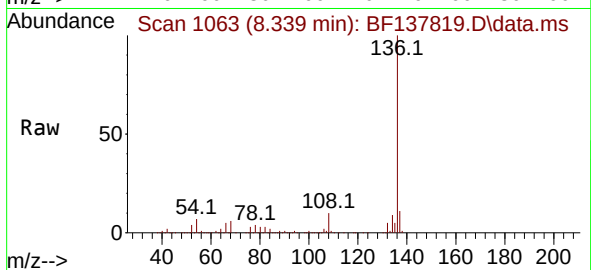
Lab File: BF137819.D

Acq: 02 May 2024 17:18

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 568583

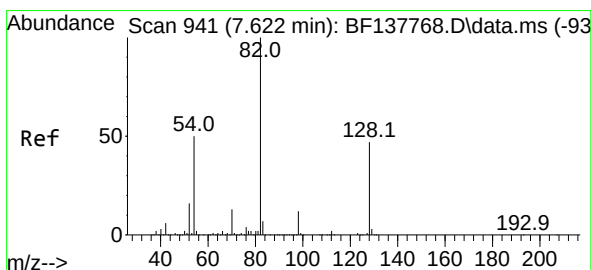
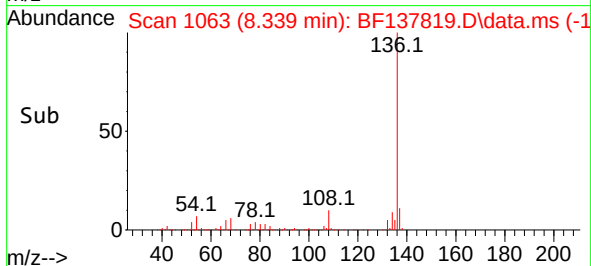
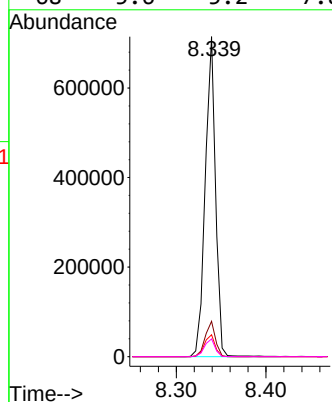
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.9 5.8 8.8

68 5.6 5.2 7.8



#23

Nitrobenzene-d5

Concen: 52.232 ng

RT: 7.616 min Scan# 940

Delta R.T. -0.006 min

Lab File: BF137819.D

Acq: 02 May 2024 17:18

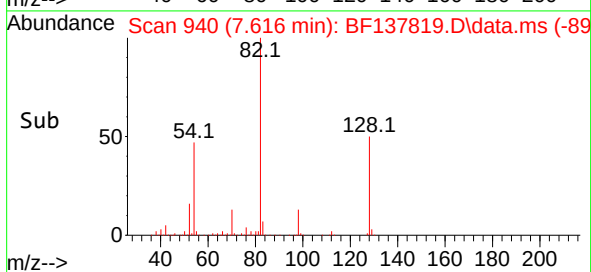
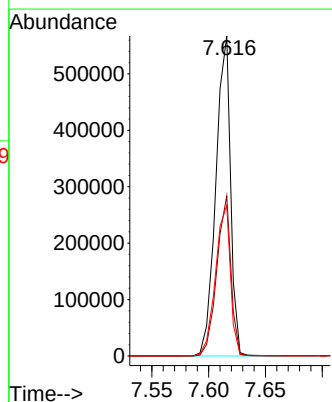
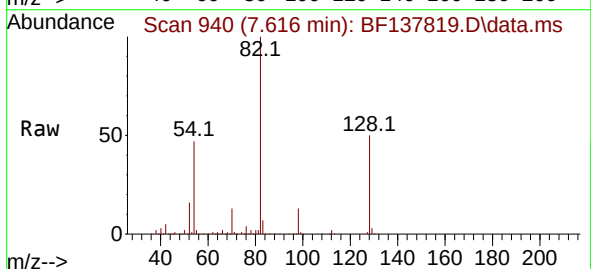
Tgt Ion: 82 Resp: 511175

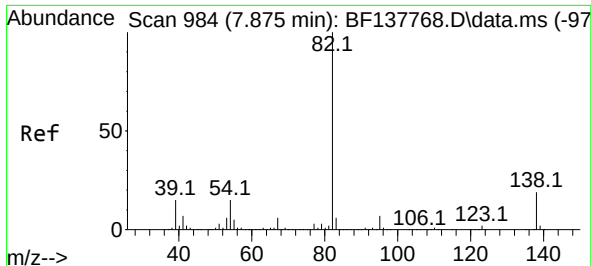
Ion Ratio Lower Upper

82 100

128 50.0 37.5 56.3

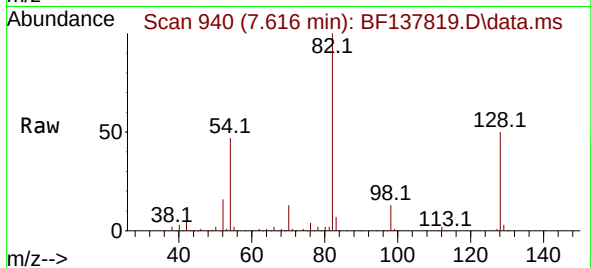
54 47.0 39.8 59.6



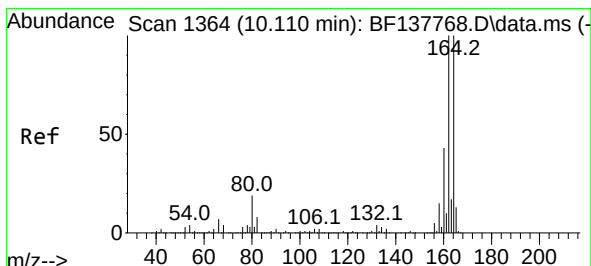
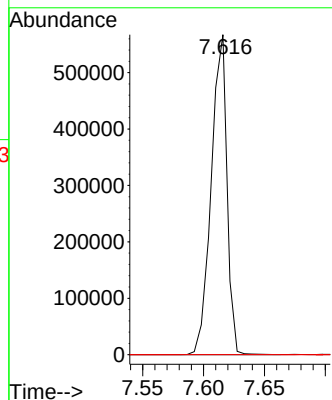
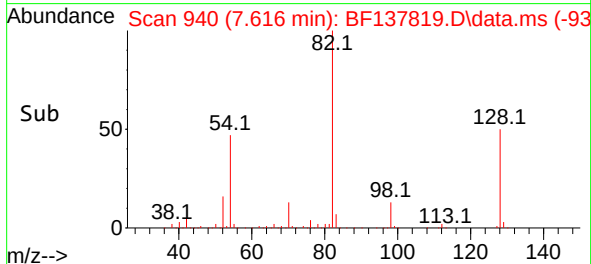


#25
Isophorone
Concen: 28.969 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137819.D
Acq: 02 May 2024 17:18

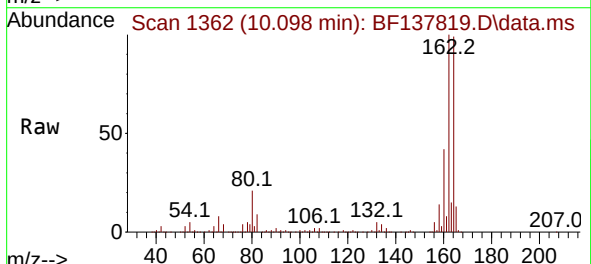
Instrument :
BNA_F
ClientSampleId :



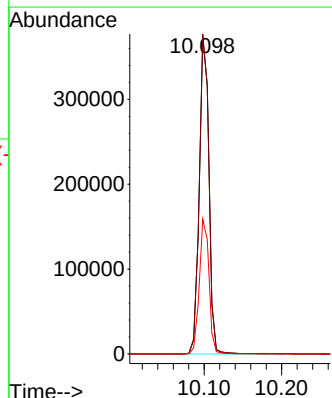
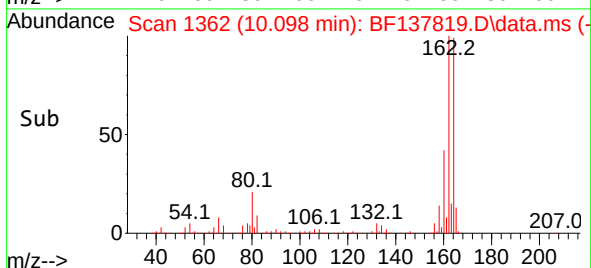
Tgt Ion: 82 Resp: 511168
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#

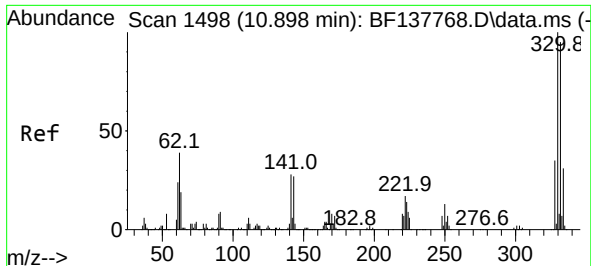


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137819.D
Acq: 02 May 2024 17:18



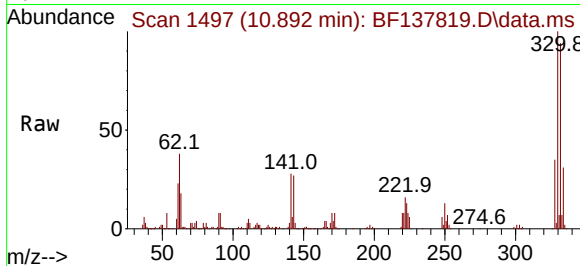
Tgt Ion: 164 Resp: 323590
Ion Ratio Lower Upper
164 100
162 101.0 79.8 119.6
160 42.5 34.4 51.6



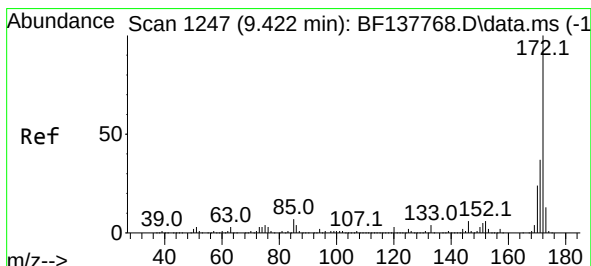
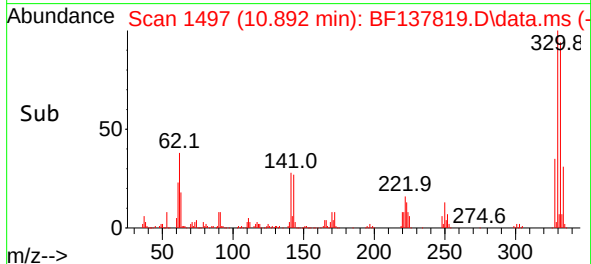
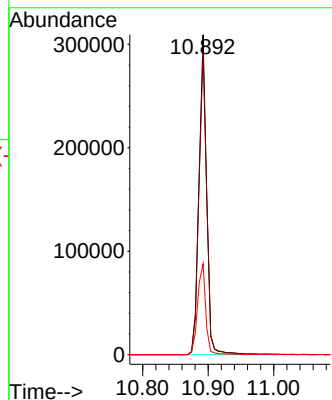


#42
2,4,6-Tribromophenol
Concen: 76.579 ng
RT: 10.892 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF137819.D
Acq: 02 May 2024 17:18

Instrument :
BNA_F
ClientSampleId :

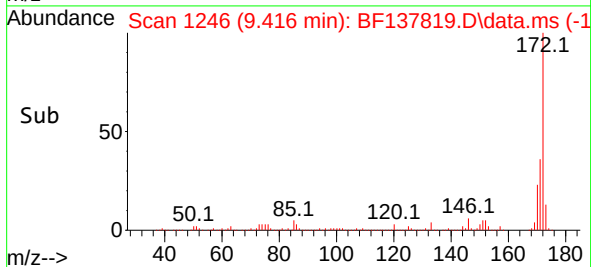
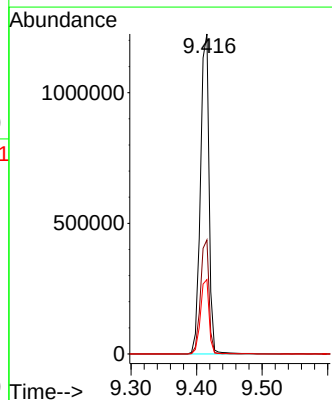
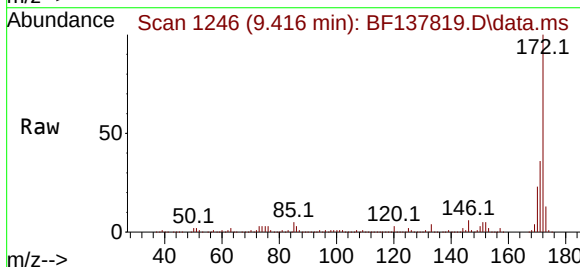


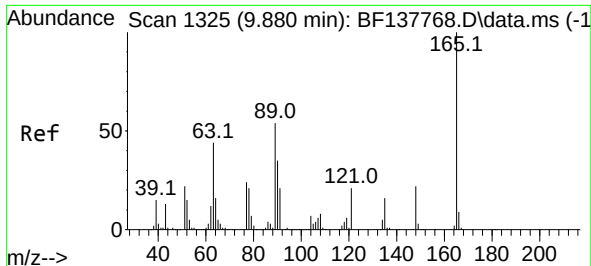
Tgt Ion:330 Resp: 253012
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 30.2 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 56.213 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF137819.D
Acq: 02 May 2024 17:18

Tgt Ion:172 Resp: 1121192
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 23.3 19.4 29.2

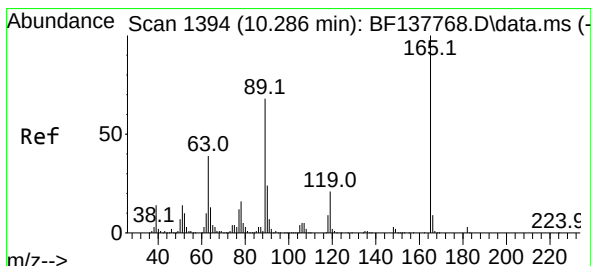
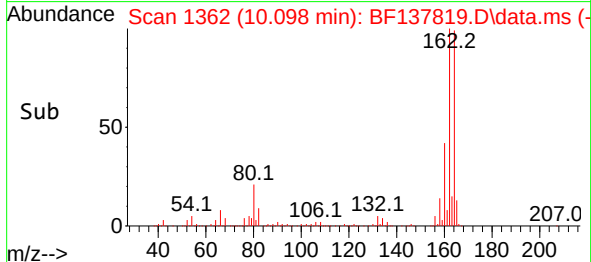
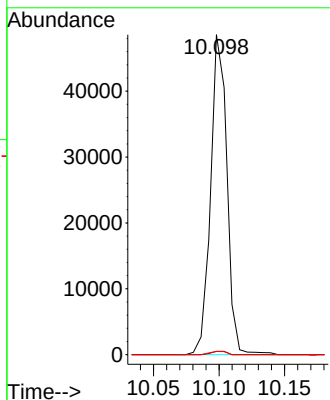
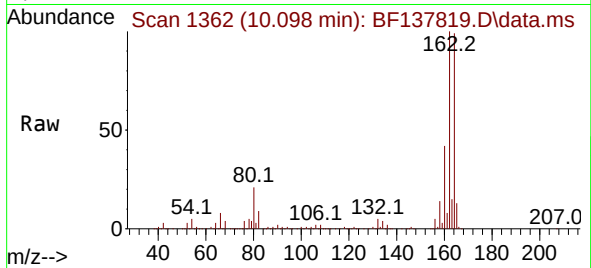




#51
2,6-Dinitrotoluene
Concen: 9.021 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.218 min
Lab File: BF137819.D
Acq: 02 May 2024 17:18

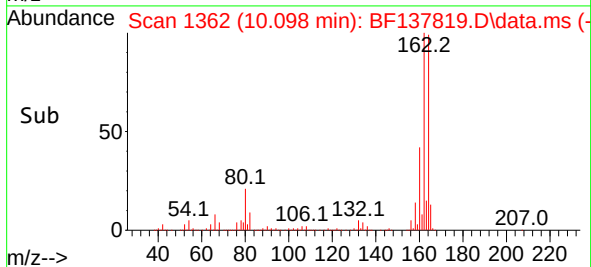
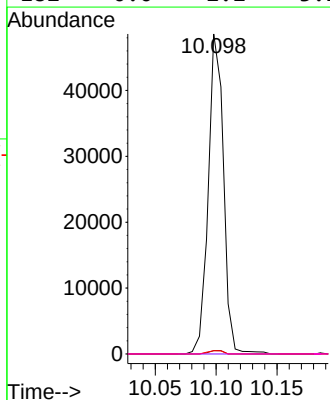
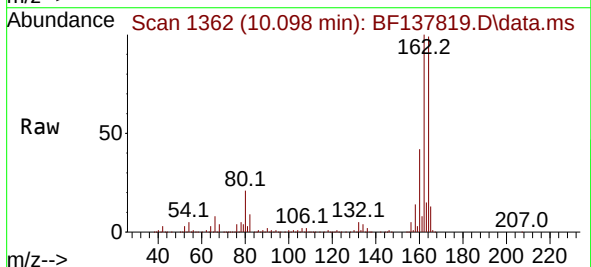
Instrument :
BNA_F
ClientSampleId :

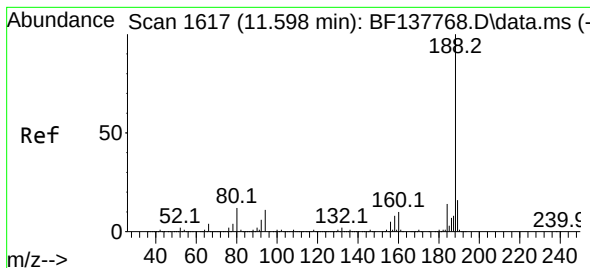
Tgt Ion:165 Resp: 42113
Ion Ratio Lower Upper
165 100
63 1.1 41.9 62.9#
89 1.0 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.905 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137819.D
Acq: 02 May 2024 17:18

Tgt Ion:165 Resp: 42114
Ion Ratio Lower Upper
165 100
63 1.1 31.3 46.9#
89 1.0 54.2 81.4#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

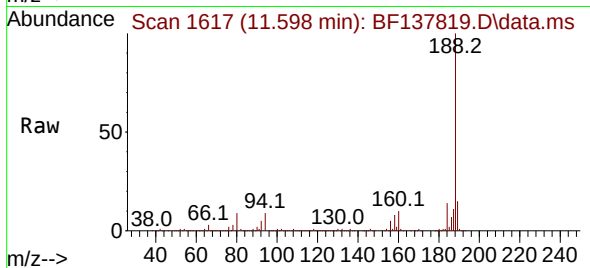
Lab File: BF137819.D

Acq: 02 May 2024 17:18

Instrument :

BNA_F

ClientSampleId :



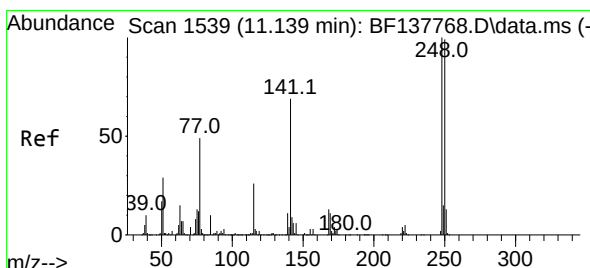
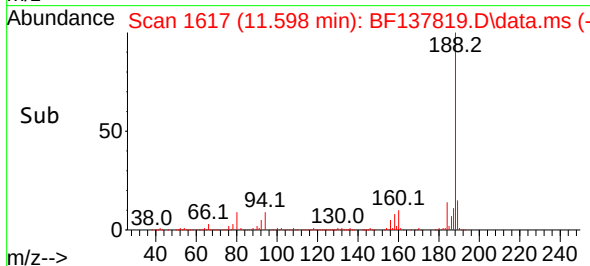
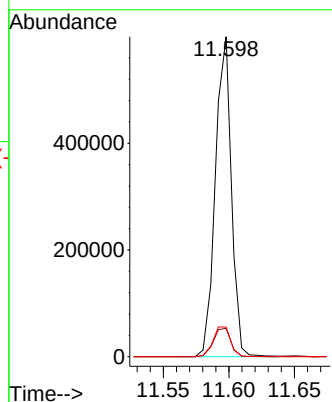
Tgt Ion:188 Resp: 508504

Ion Ratio Lower Upper

188 100

94 8.9 8.8 13.2

80 9.3 9.6 14.4#



#67

4-Bromophenyl-phenylether

Concen: 2.993 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.247 min

Lab File: BF137819.D

Acq: 02 May 2024 17:18

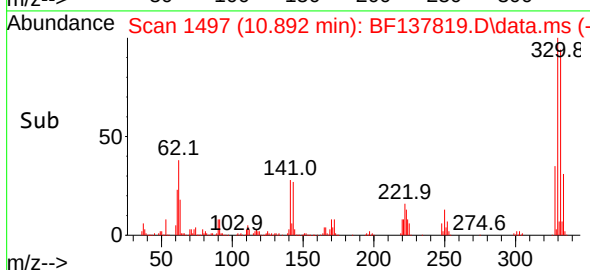
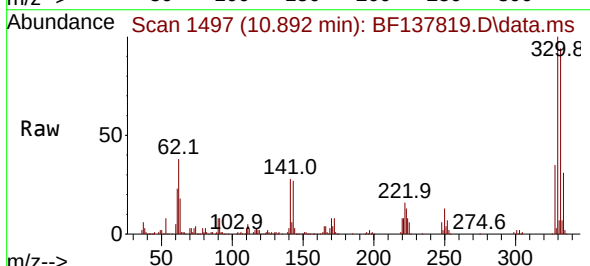
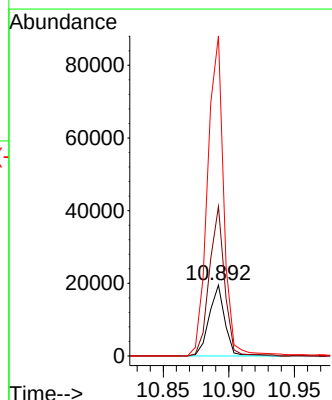
Tgt Ion:248 Resp: 16289

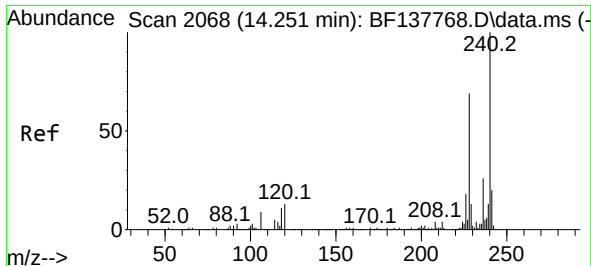
Ion Ratio Lower Upper

248 100

250 210.7 79.1 118.7#

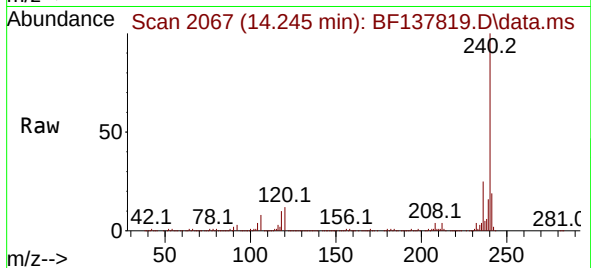
141 451.4 55.4 83.2#



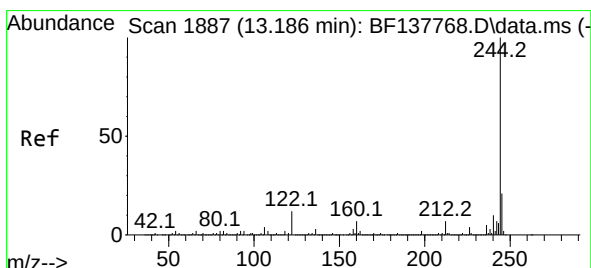
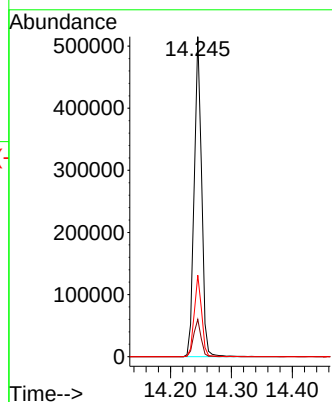
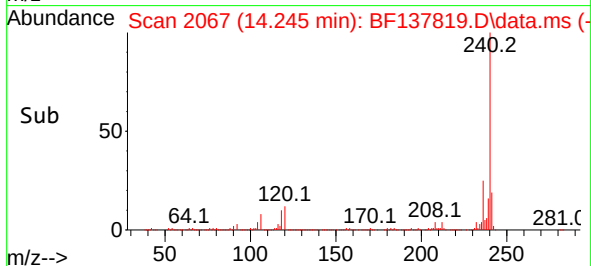


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137819.D
Acq: 02 May 2024 17:18

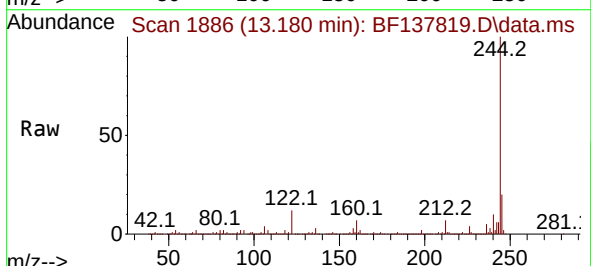
Instrument :
BNA_F
ClientSampleId :



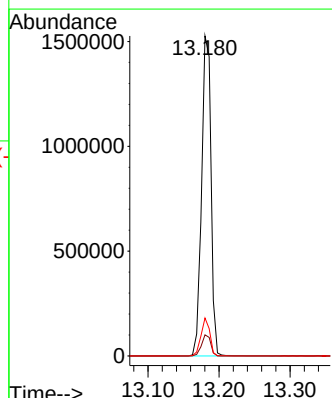
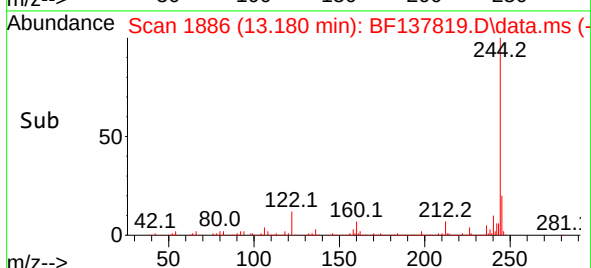
Tgt Ion:240 Resp: 437847
Ion Ratio Lower Upper
240 100
120 11.6 10.4 15.6
236 25.4 20.4 30.6

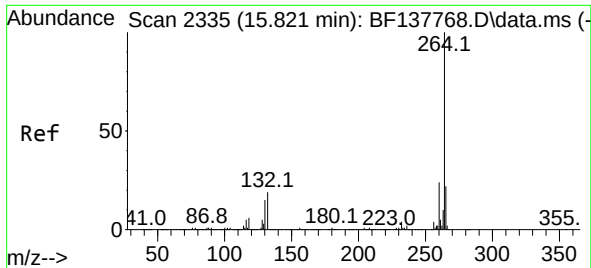


#79
Terphenyl-d14
Concen: 54.050 ng
RT: 13.180 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BF137819.D
Acq: 02 May 2024 17:18



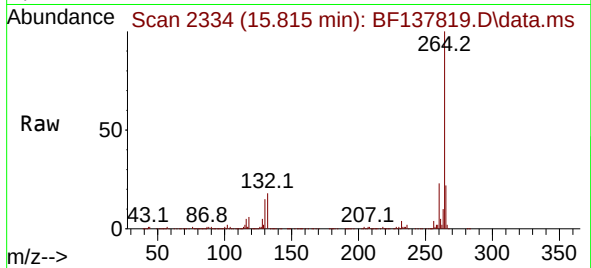
Tgt Ion:244 Resp: 1412142
Ion Ratio Lower Upper
244 100
212 6.6 5.5 8.3
122 11.9 9.4 14.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.815 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137819.D
Acq: 02 May 2024 17:18

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 296186
Ion Ratio Lower Upper
264 100
260 22.7 18.9 28.3
265 21.6 17.4 26.0

