

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
 Data File : BF135804.D
 Acq On : 17 Oct 2023 10:56
 Operator : CG\JU
 Sample : PB156118BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156118BL

Quant Time: Oct 18 01:33:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

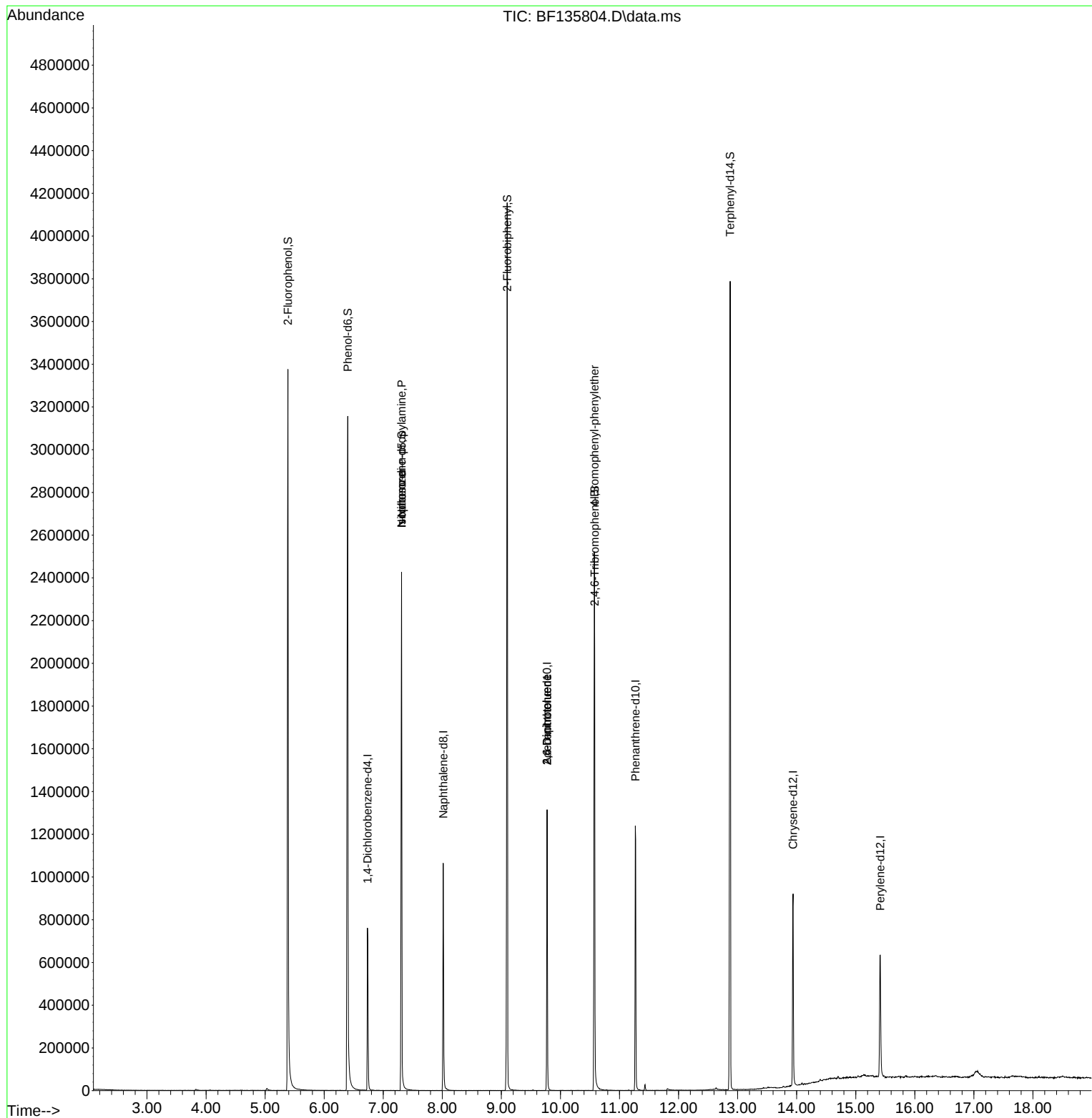
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	117867	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	454123	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	246116	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	494418	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	339046	20.000	ng	-0.01
86) Perylene-d12	15.415	264	304923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	952924	129.983	ng	0.01
7) Phenol-d6	6.398	99	1187247	129.792	ng	0.00
23) Nitrobenzene-d5	7.310	82	746349	90.391	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	339554	143.776	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1352507	85.921	ng	0.00
79) Terphenyl-d14	12.874	244	1534983	83.843	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.310	70	100170	17.711	ng	# 75
25) Isophorone	7.310	82	746344	47.913	ng	# 66
51) 2,6-Dinitrotoluene	9.775	165	30973	8.669	ng	# 16
57) 2,4-Dinitrotoluene	9.775	165	30973	6.814	ng	# 23
67) 4-Bromophenyl-phenylether	10.575	248	20536	4.138	ng	# 1

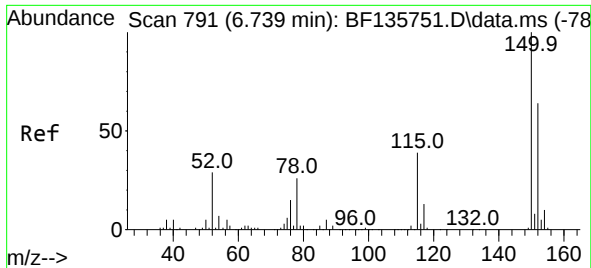
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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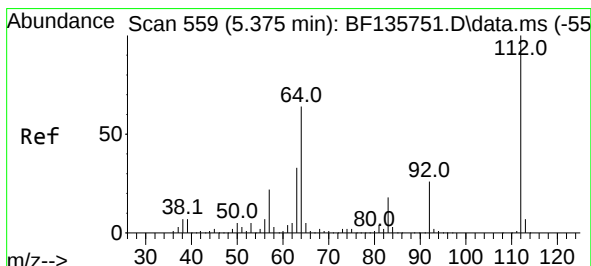
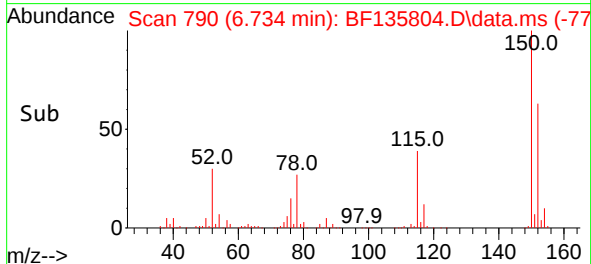
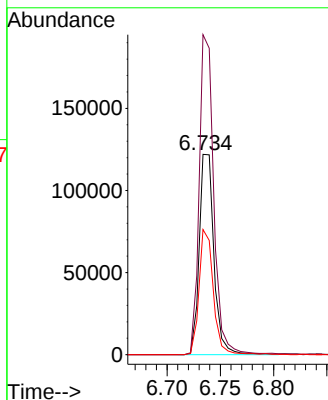
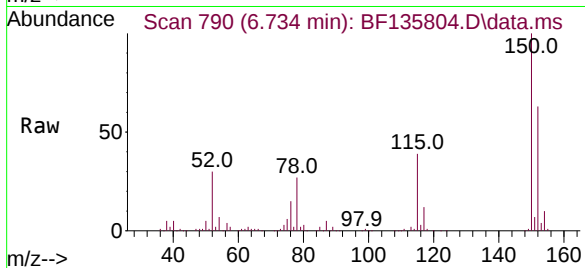




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 791
 Delta R.T. -0.012 min
 Lab File: BF135804.D
 Acq: 17 Oct 2023 10:56

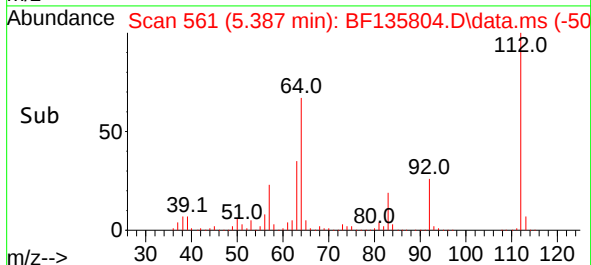
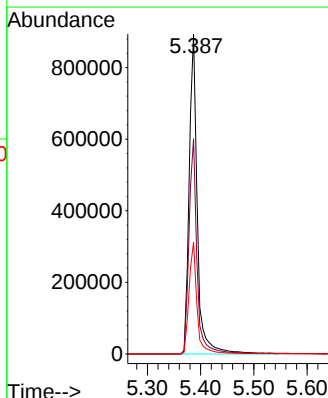
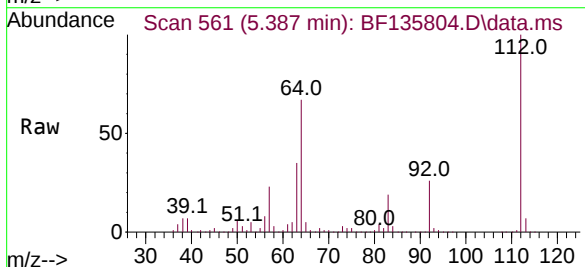
Instrument :
 BNA_F
 ClientSampleId :
 PB156118BL

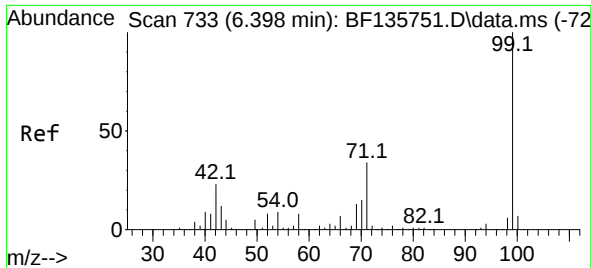
Tgt Ion:152 Resp: 117867
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.5 186.7
 115 62.4 49.0 73.4



#5
 2-Fluorophenol
 Concen: 129.983 ng
 RT: 5.387 min Scan# 561
 Delta R.T. 0.012 min
 Lab File: BF135804.D
 Acq: 17 Oct 2023 10:56

Tgt Ion:112 Resp: 952924
 Ion Ratio Lower Upper
 112 100
 64 67.2 51.2 76.8
 63 35.0 26.1 39.1

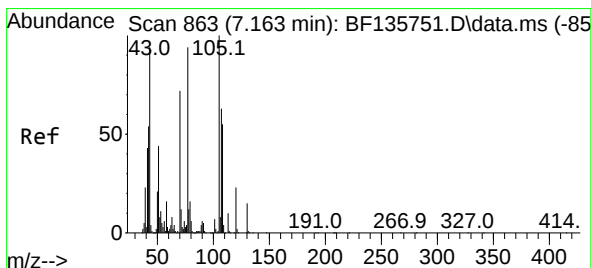
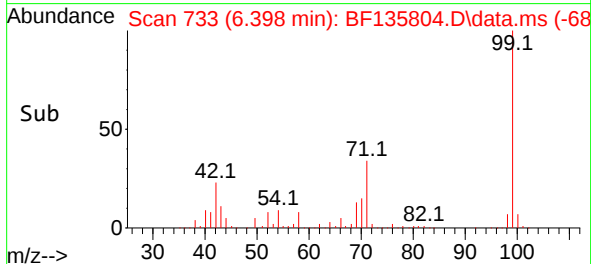
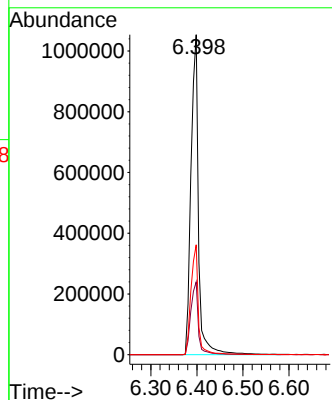
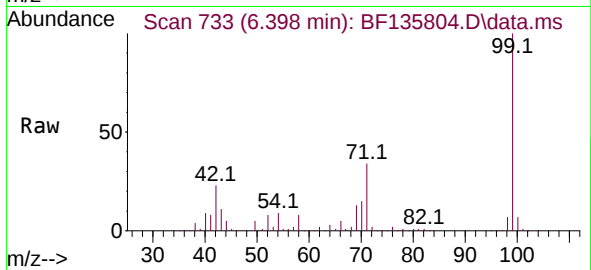




#7
Phenol-d6
Concen: 129.792 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135804.D
Acq: 17 Oct 2023 10:56

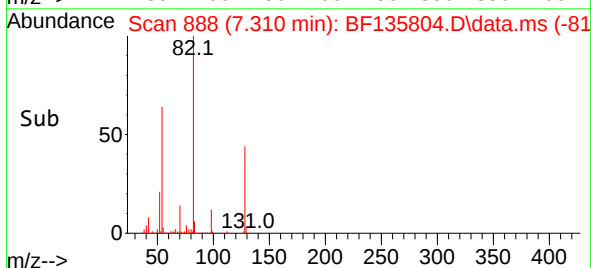
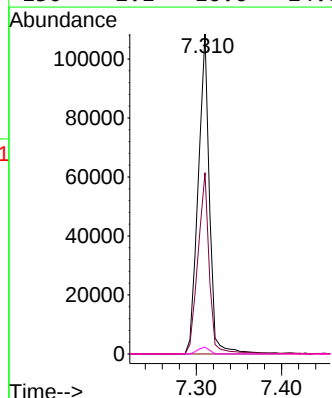
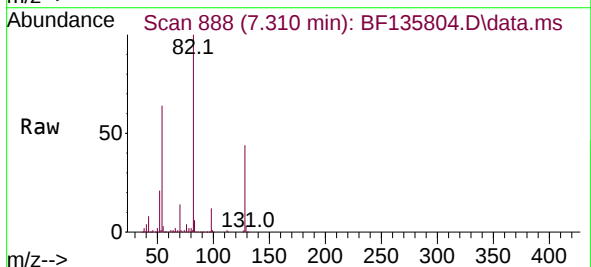
Instrument :
BNA_F
ClientSampleId :
PB156118BL

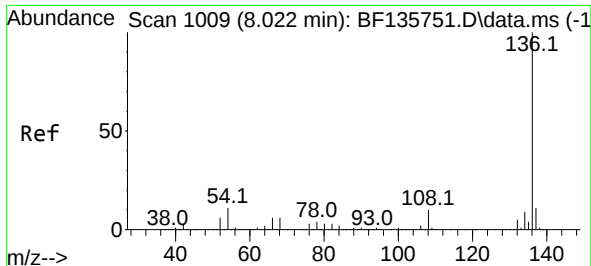
Tgt Ion: 99 Resp: 1187247
Ion Ratio Lower Upper
99 100
42 22.7 18.4 27.6
71 34.4 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.711 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.147 min
Lab File: BF135804.D
Acq: 17 Oct 2023 10:56

Tgt Ion: 70 Resp: 100170
Ion Ratio Lower Upper
70 100
42 56.7 59.8 89.6#
101 0.0 7.4 11.2#
130 2.1 16.6 24.8#



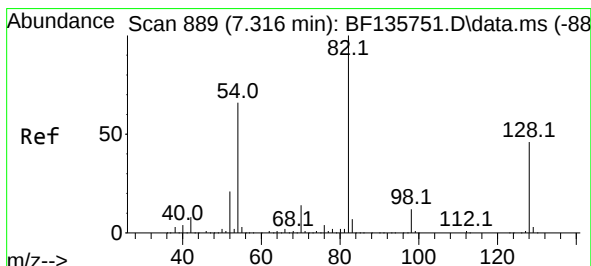
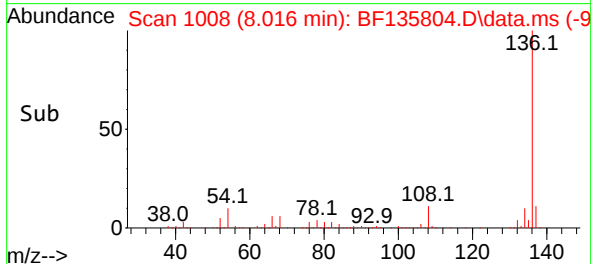
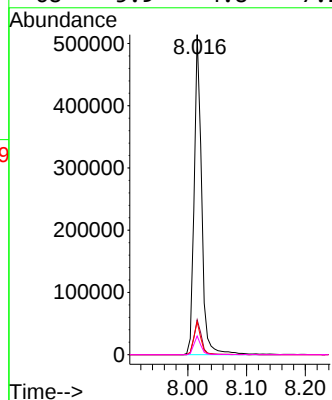
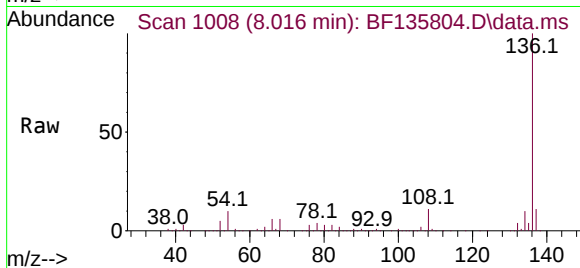


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135804.D
Acq: 17 Oct 2023 10:56

Instrument :
BNA_F
ClientSampleId :
PB156118BL

Tgt Ion:136 Resp: 454123

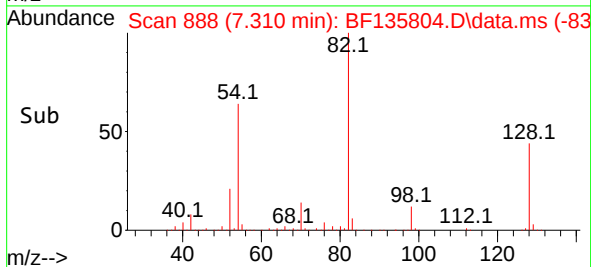
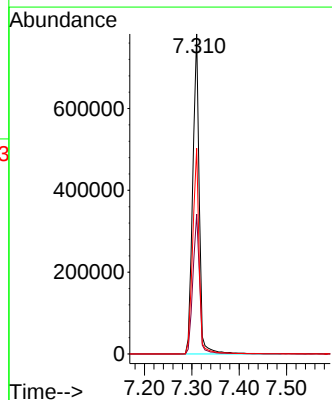
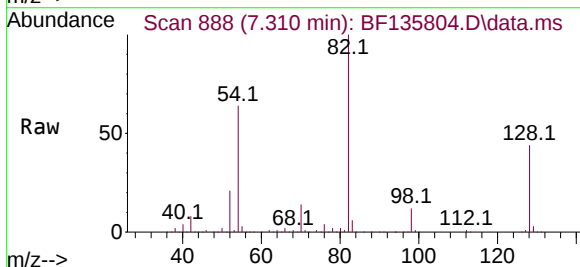
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.3	8.5	12.7
68	5.9	4.8	7.2

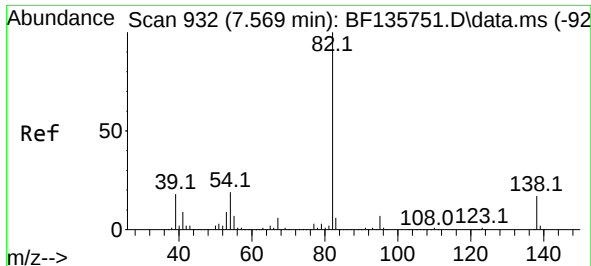


#23
Nitrobenzene-d5
Concen: 90.391 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF135804.D
Acq: 17 Oct 2023 10:56

Tgt Ion: 82 Resp: 746349

Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.0	55.6
54	64.3	52.8	79.2

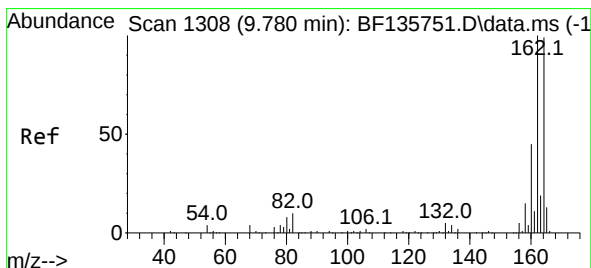
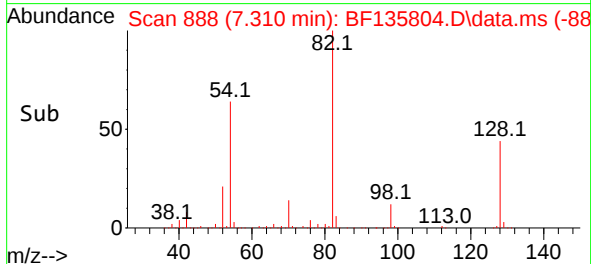
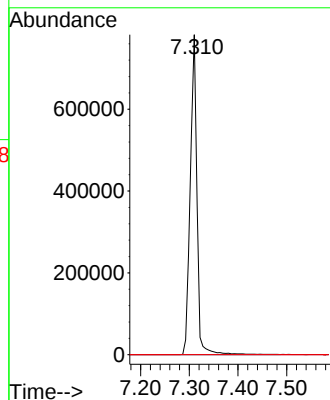
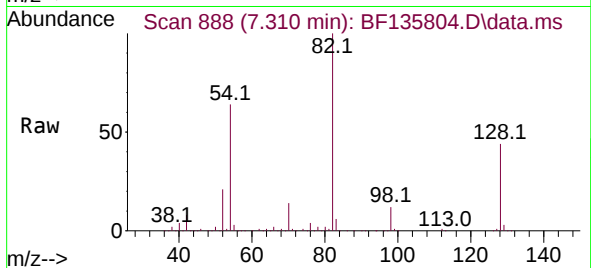




#25
Isophorone
Concen: 47.913 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135804.D
Acq: 17 Oct 2023 10:56

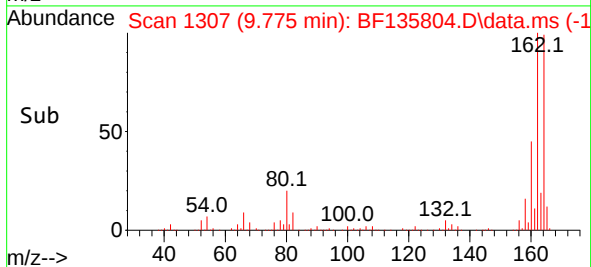
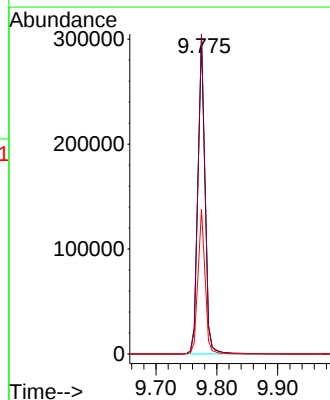
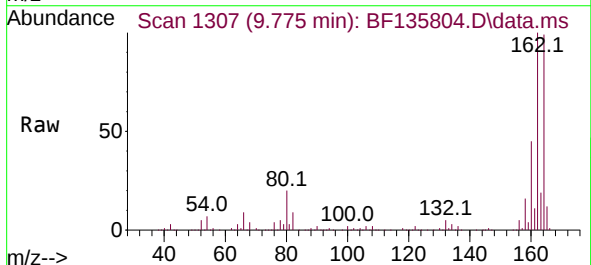
Instrument :
BNA_F
ClientSampleId :
PB156118BL

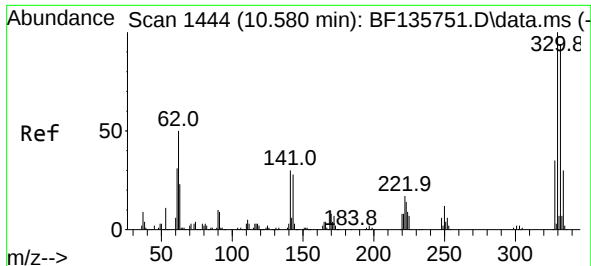
Tgt Ion: 82 Resp: 746344
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135804.D
Acq: 17 Oct 2023 10:56

Tgt Ion: 164 Resp: 246116
Ion Ratio Lower Upper
164 100
162 100.9 80.8 121.2
160 45.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 143.776 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135804.D

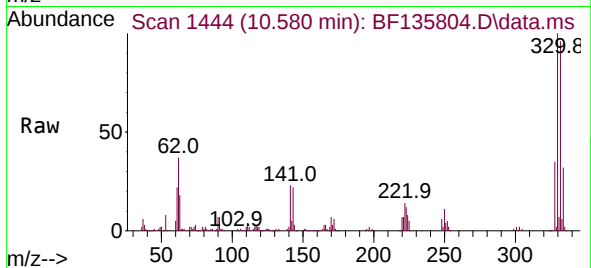
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Instrument :

BNA_F

ClientSampleId :

PB156118BL



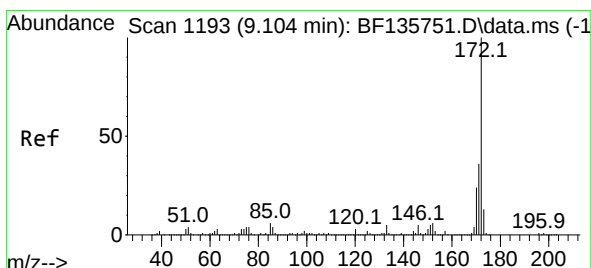
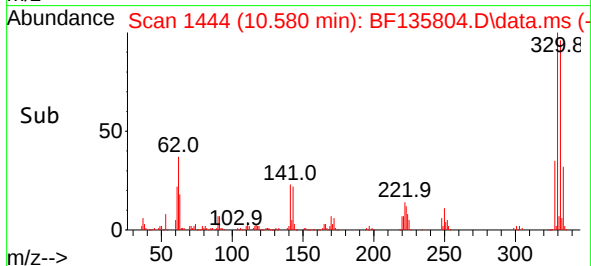
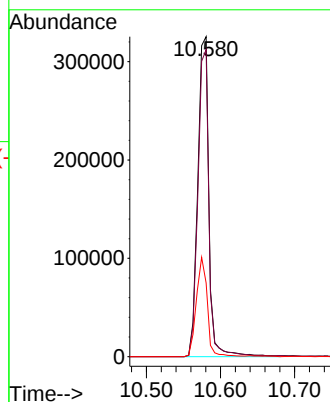
Tgt Ion:330 Resp: 339554

Ion Ratio Lower Upper

330 100

332 94.5 75.0 112.4

141 30.4 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 85.921 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF135804.D

Acq: 17 Oct 2023 10:56

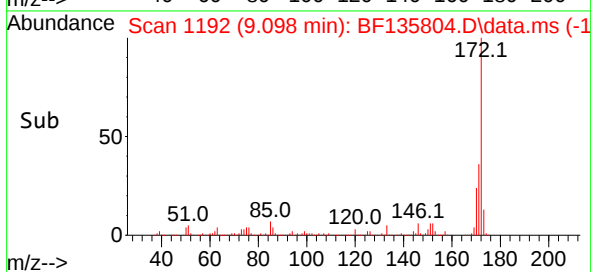
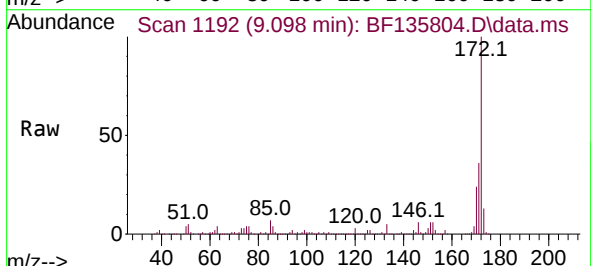
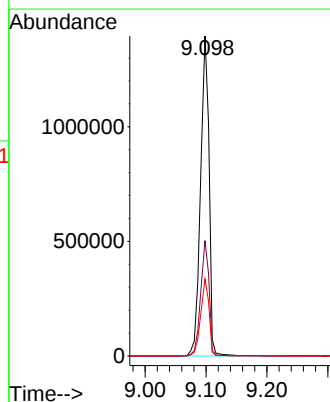
Tgt Ion:172 Resp: 1352507

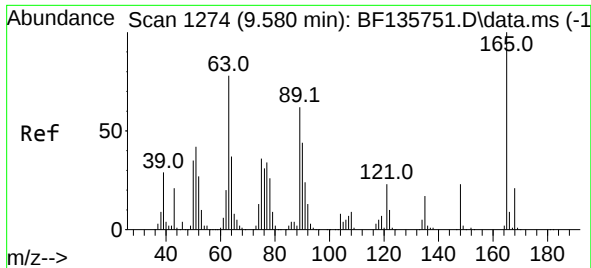
Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 24.1 18.8 28.2

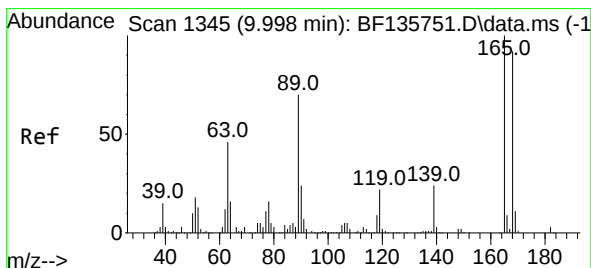
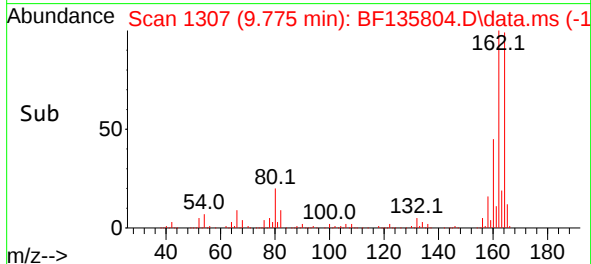
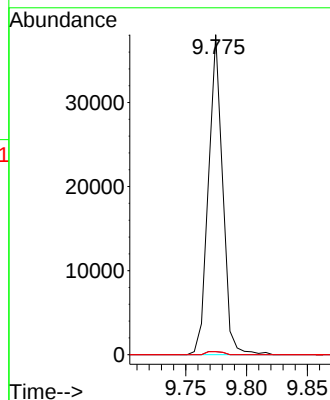
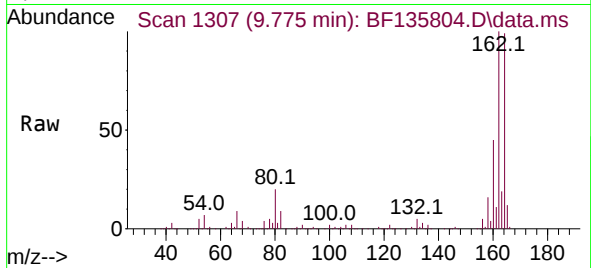




#51
2,6-Dinitrotoluene
Concen: 8.669 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135804.D
Acq: 17 Oct 2023 10:56

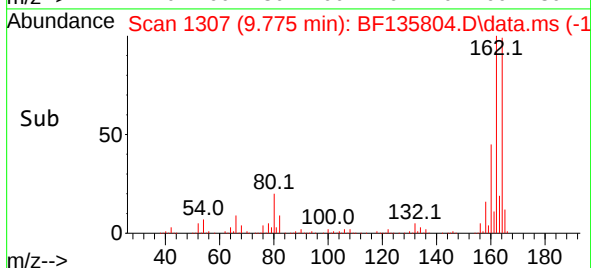
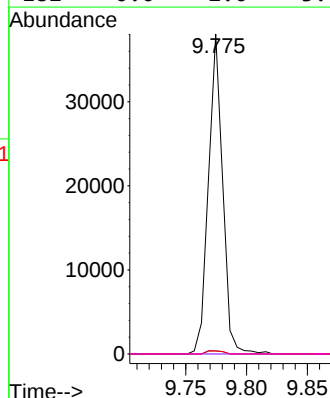
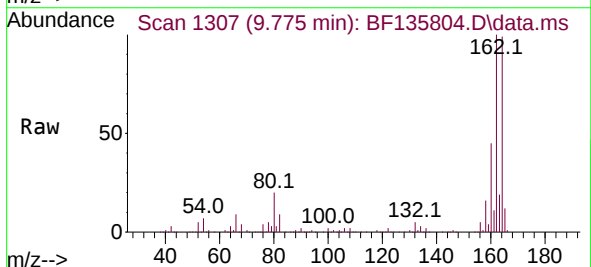
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PB156118BL

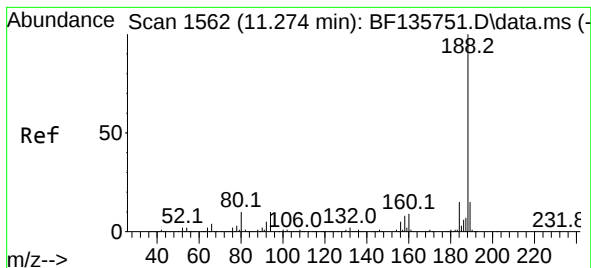
Tgt Ion:165 Resp: 30973
Ion Ratio Lower Upper
165 100
63 1.0 62.2 93.4#
89 1.0 49.6 74.4#



#57
2,4-Dinitrotoluene
Concen: 6.814 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.229 min
Lab File: BF135804.D
Acq: 17 Oct 2023 10:56

Tgt Ion:165 Resp: 30973
Ion Ratio Lower Upper
165 100
63 1.0 39.0 58.4#
89 1.0 55.9 83.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF135804.D

Acq: 17 Oct 2023 10:56

Instrument :

BNA_F

ClientSampleId :

PB156118BL

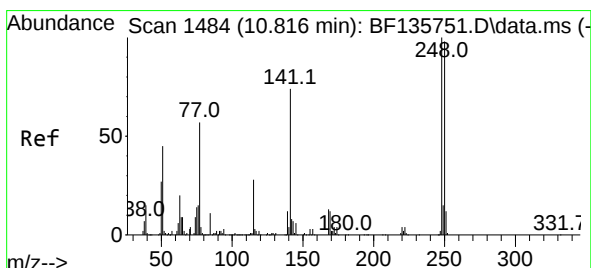
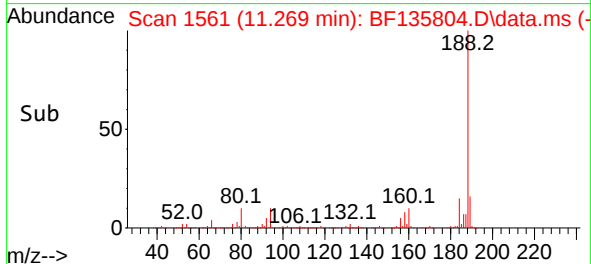
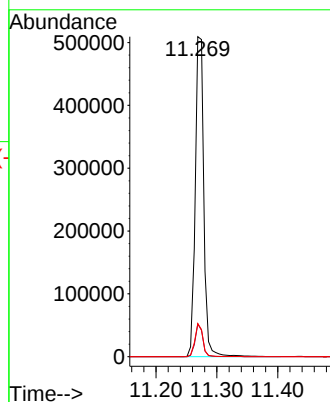
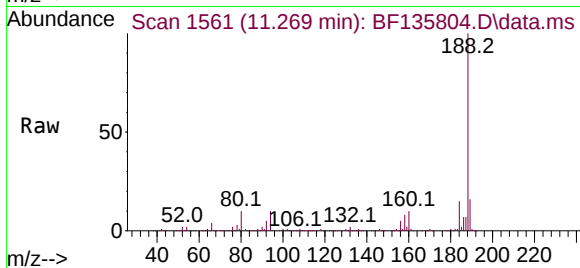
Tgt Ion:188 Resp: 494418

Ion Ratio Lower Upper

188 100

94 10.2 8.0 12.0

80 10.4 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 4.138 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.247 min

Lab File: BF135804.D

Acq: 17 Oct 2023 10:56

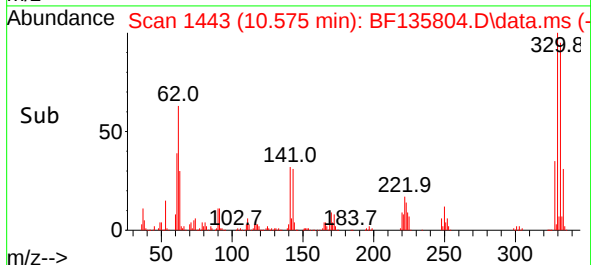
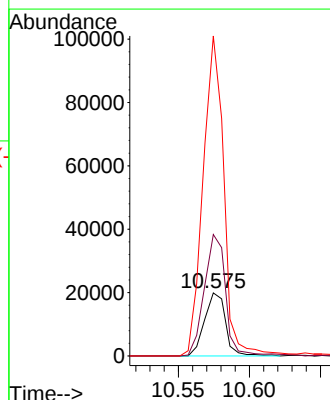
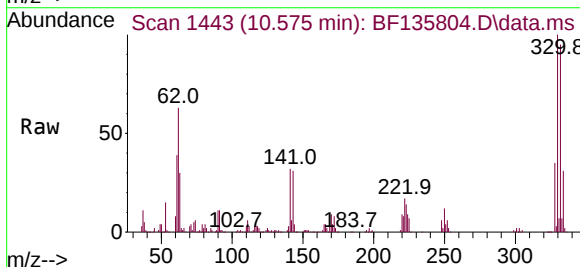
Tgt Ion:248 Resp: 20536

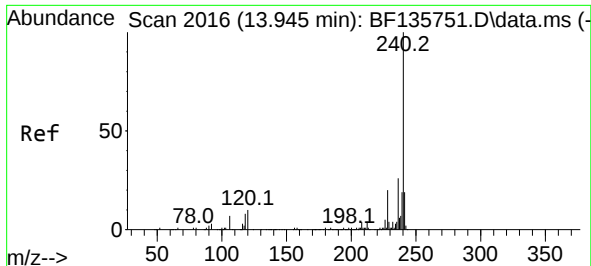
Ion Ratio Lower Upper

248 100

250 192.6 78.0 117.0#

141 507.6 59.0 88.6#

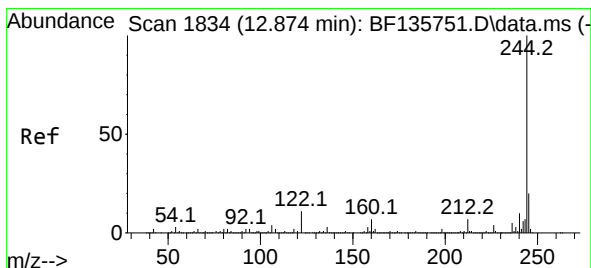
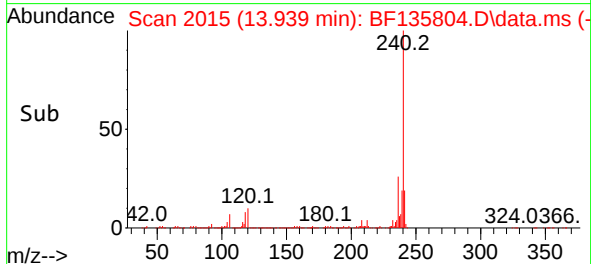
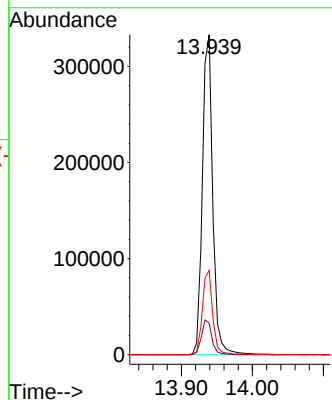
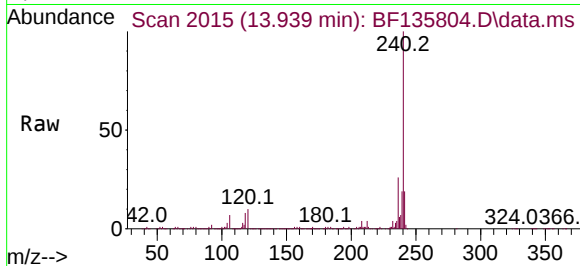




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF135804.D
Acq: 17 Oct 2023 10:56

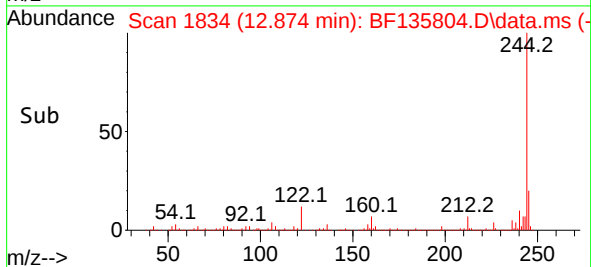
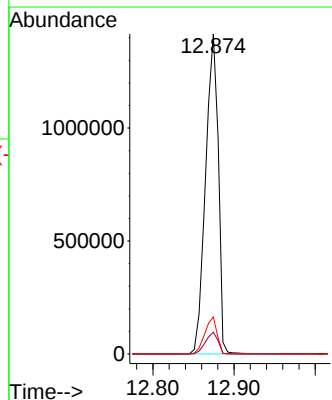
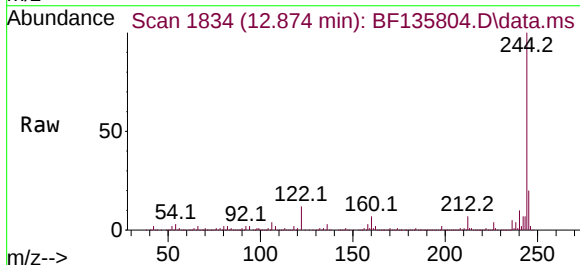
Instrument :
BNA_F
ClientSampleId :
PB156118BL

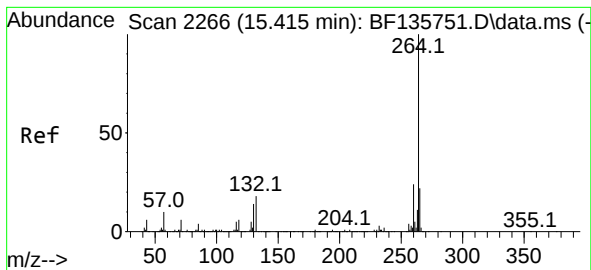
Tgt Ion:240 Resp: 339046
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.2
236 26.3 21.2 31.8



#79
Terphenyl-d14
Concen: 83.843 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF135804.D
Acq: 17 Oct 2023 10:56

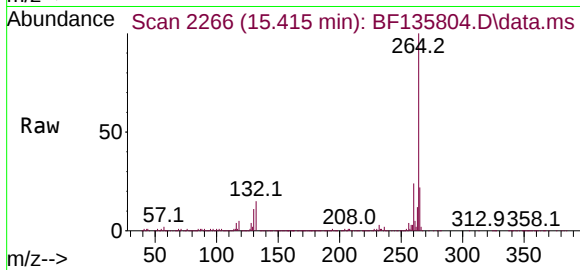
Tgt Ion:244 Resp: 1534983
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 11.5 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135804.D
Acq: 17 Oct 2023 10:56

Instrument :
BNA_F
ClientSampleId :
PB156118BL



Tgt Ion:264 Resp: 304923
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.9 17.4 26.2

