

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
 Data File : BF126837.D
 Acq On : 10 Feb 2022 12:11
 Operator : CG\JU
 Sample : N1400-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KTS1-WC-S-MH-01-02-0-15

Quant Time: Feb 10 12:47:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

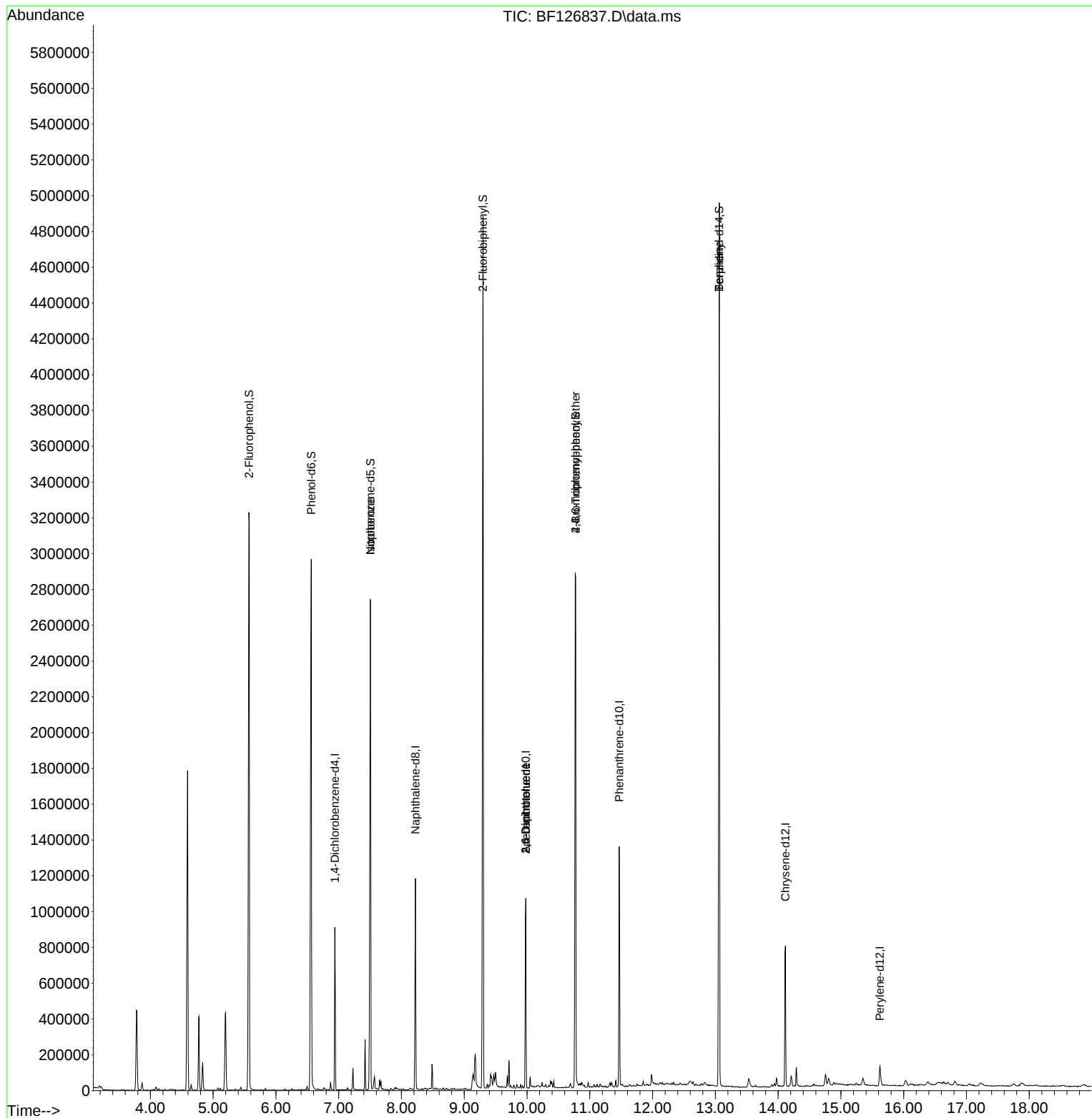
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	110879	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	445337	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	194747	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	407454	20.000	ng	0.00
76) Chrysene-d12	14.115	240	242258	20.000	ng	0.00
86) Perylene-d12	15.621	264	30079	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	928259	128.897	ng	0.02
7) Phenol-d6	6.563	99	1041331	107.111	ng	0.00
23) Nitrobenzene-d5	7.504	82	938744	97.260	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	373096	178.701	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1375637	106.329	ng	0.00
79) Terphenyl-d14	13.063	244	1627315	96.297	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.504	82	938876	58.060	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	25236	9.045	ng	# 22
57) 2,4-Dinitrotoluene	9.980	165	25236	6.841	ng	# 17
67) 4-Bromophenyl-phenylether	10.774	248	21746	4.911	ng	# 1
77) Benzidine	13.063	184	24537	3.849	ng	96

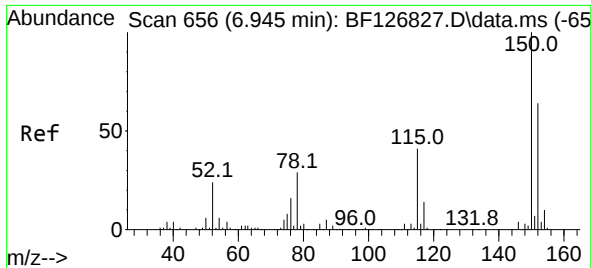
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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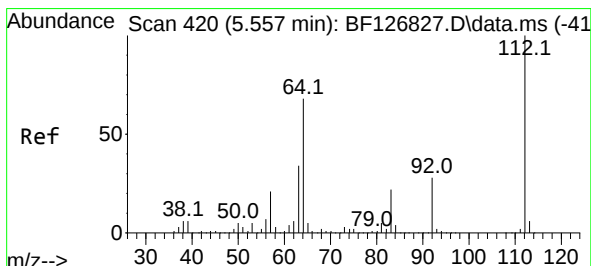
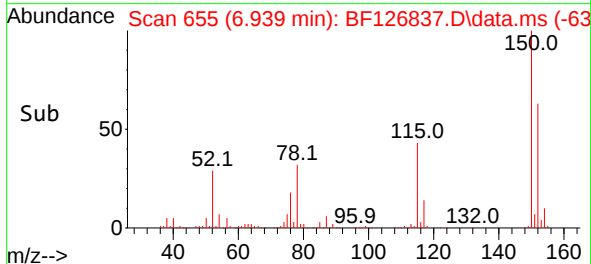
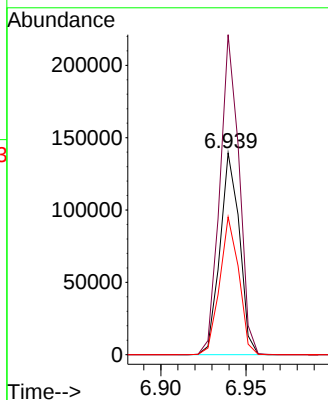
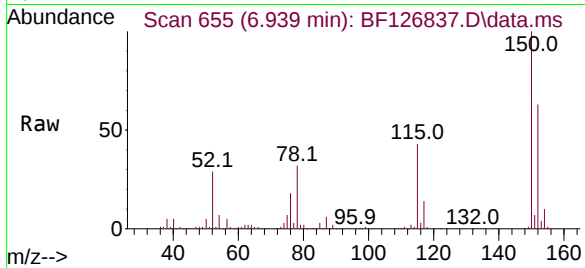




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

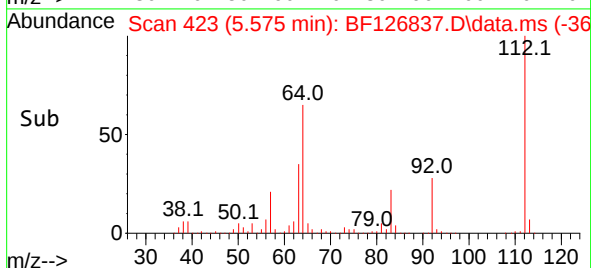
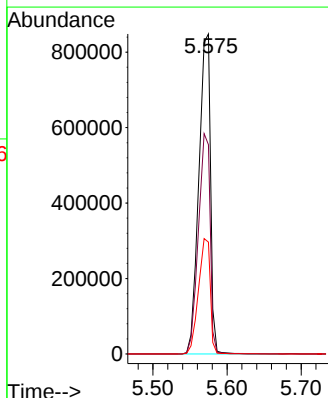
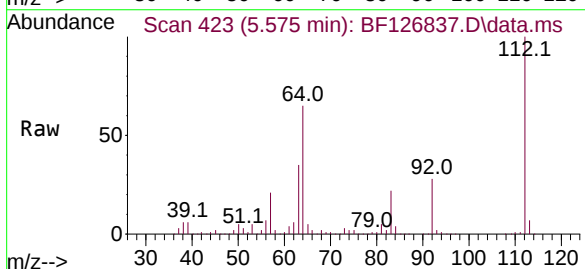
Instrument :
BNA_F
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15

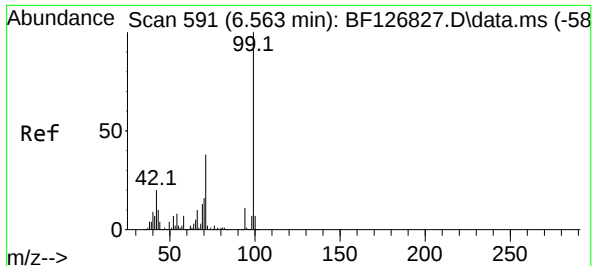
Tgt Ion:152 Resp: 110879
Ion Ratio Lower Upper
152 100
150 158.6 124.3 186.5
115 68.2 50.5 75.7



#5
2-Fluorophenol
Concen: 128.897 ng
RT: 5.575 min Scan# 423
Delta R.T. 0.018 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

Tgt Ion:112 Resp: 928259
Ion Ratio Lower Upper
112 100
64 65.4 54.3 81.5
63 34.9 27.5 41.3



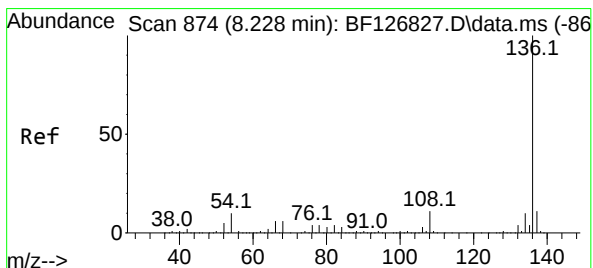
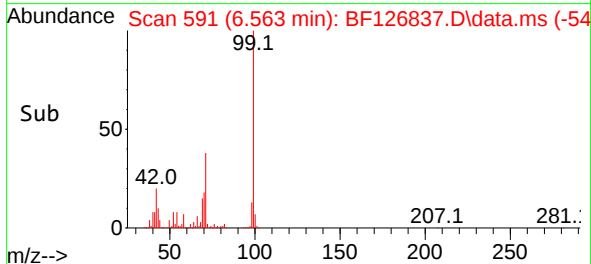
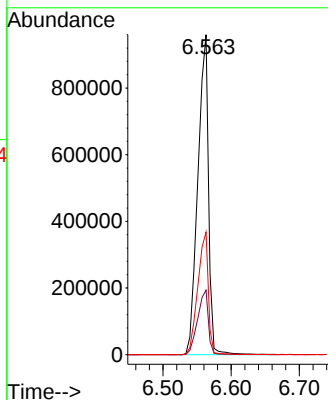
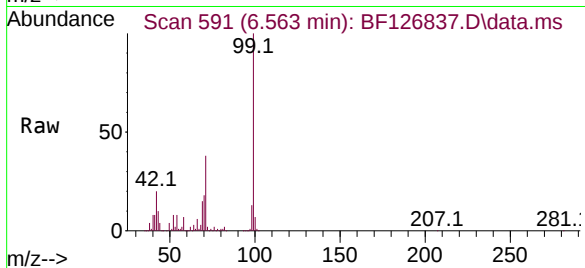


#7
Phenol-d6
Concen: 107.111 ng
RT: 6.563 min Scan# 591
Delta R.T. -0.000 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

Instrument :
BNA_F
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15

Tgt Ion: 99 Resp: 1041331

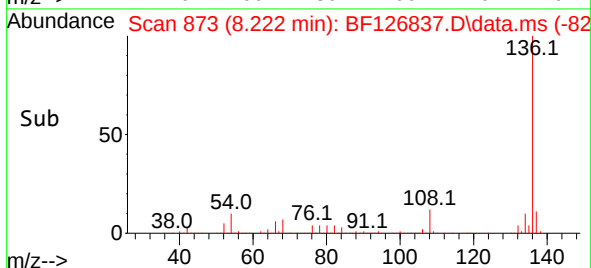
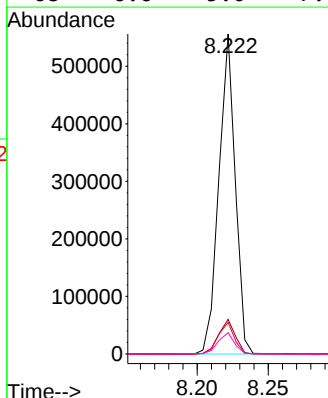
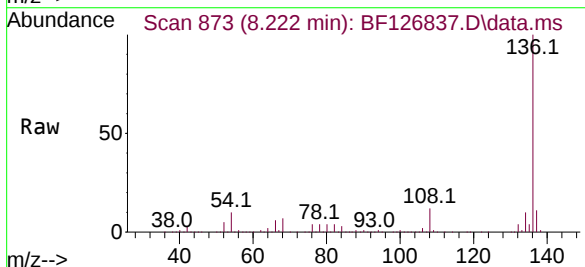
Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.8	23.6
71	38.3	30.6	45.8

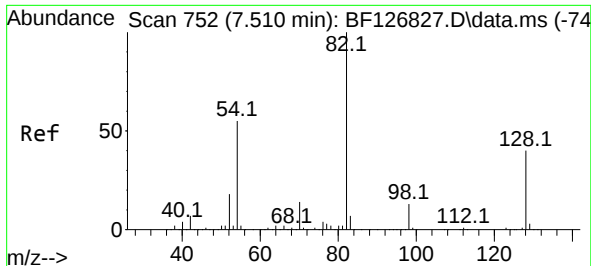


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

Tgt Ion: 136 Resp: 445337

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.9	8.0	12.0
68	6.6	5.0	7.6





#23

Nitrobenzene-d5

Concen: 97.260 ng

RT: 7.504 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF126837.D

Acq: 10 Feb 2022 12:11

Instrument :

BNA_F

ClientSampleId :

KTS1-WC-S-MH-01-02-0-15

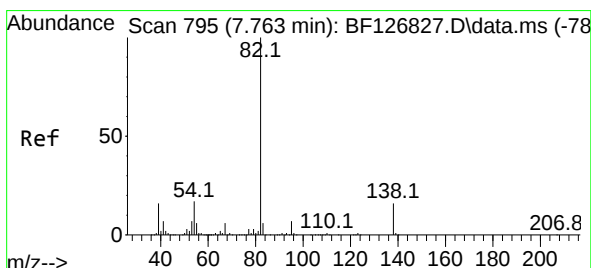
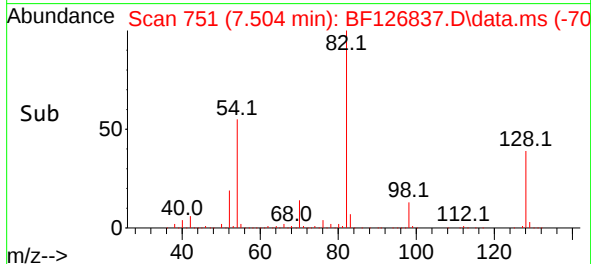
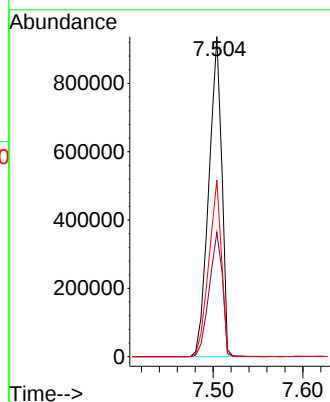
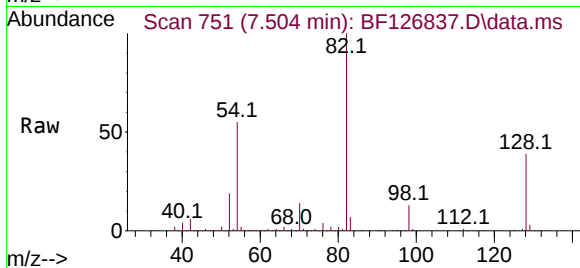
Tgt Ion: 82 Resp: 938744

Ion Ratio Lower Upper

82 100

128 38.9 31.6 47.4

54 55.2 43.7 65.5



#25

Isophorone

Concen: 58.060 ng

RT: 7.504 min Scan# 751

Delta R.T. -0.259 min

Lab File: BF126837.D

Acq: 10 Feb 2022 12:11

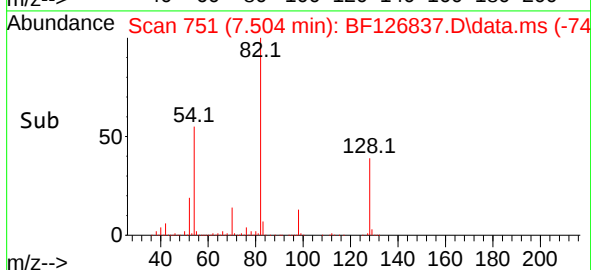
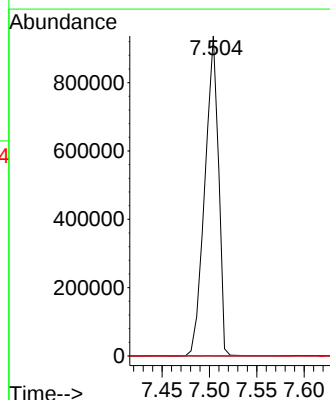
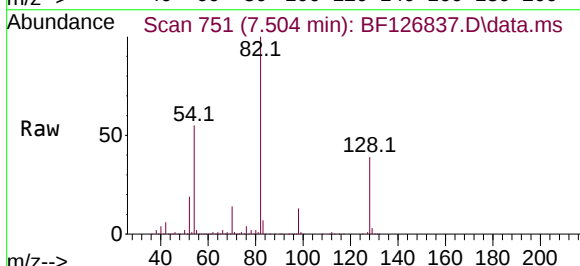
Tgt Ion: 82 Resp: 938876

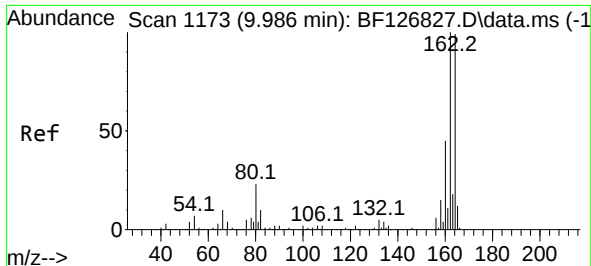
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 12.6 19.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF126837.D

Acq: 10 Feb 2022 12:11

Instrument :

BNA_F

ClientSampleId :

KTS1-WC-S-MH-01-02-0-15

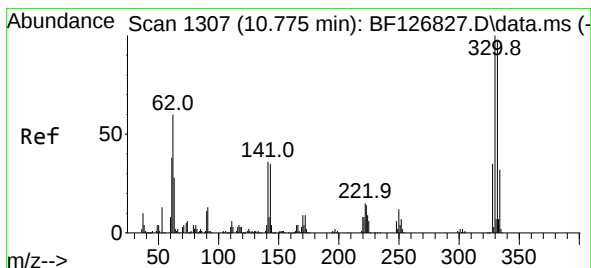
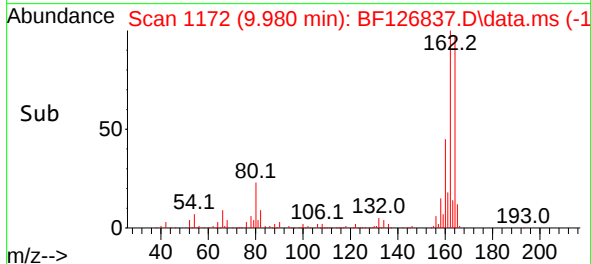
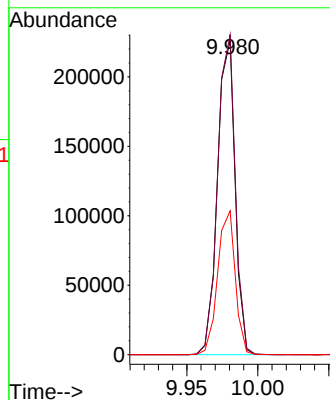
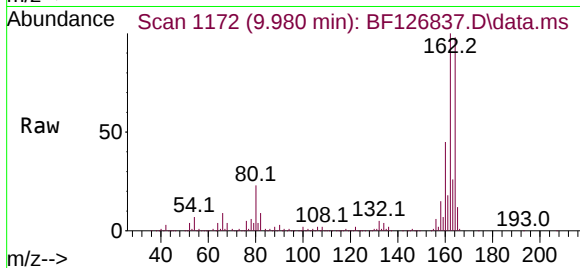
Tgt Ion:164 Resp: 194747

Ion Ratio Lower Upper

164 100

162 101.8 80.9 121.3

160 45.8 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 178.701 ng

RT: 10.774 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BF126837.D

Acq: 10 Feb 2022 12:11

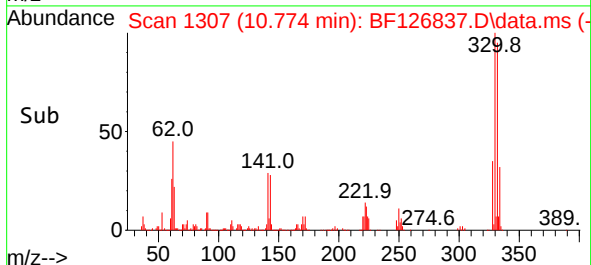
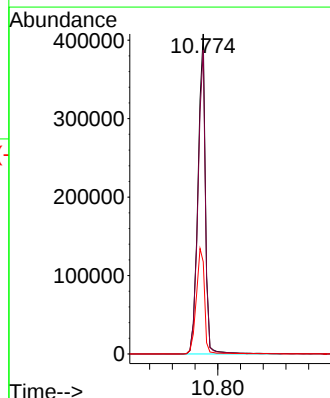
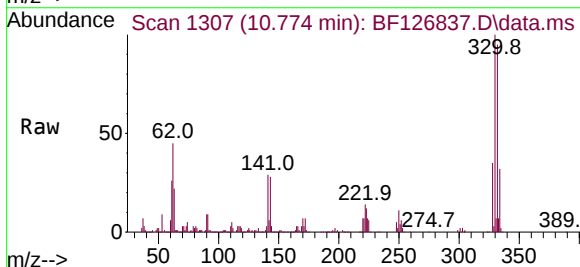
Tgt Ion:330 Resp: 373096

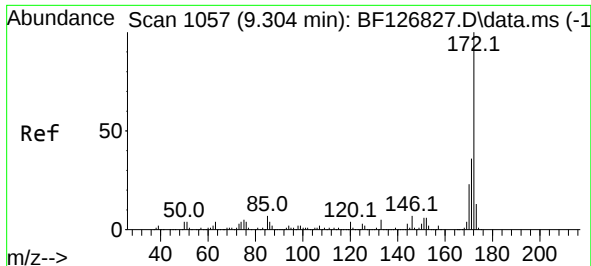
Ion Ratio Lower Upper

330 100

332 95.4 78.2 117.4

141 36.3 31.2 46.8

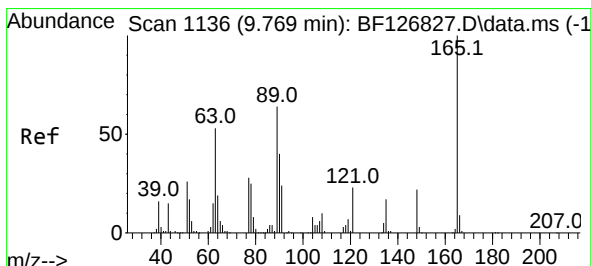
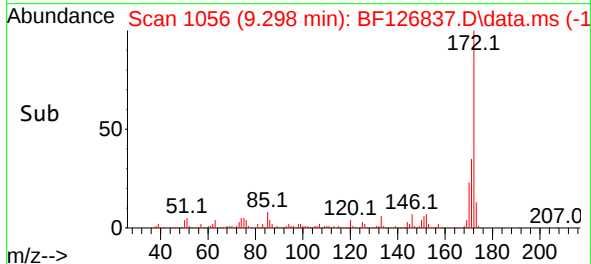
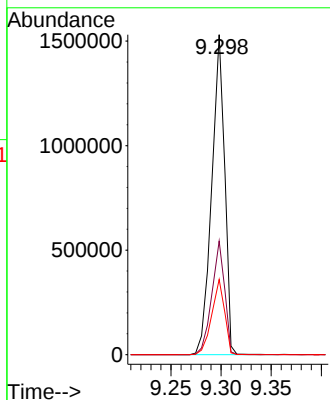
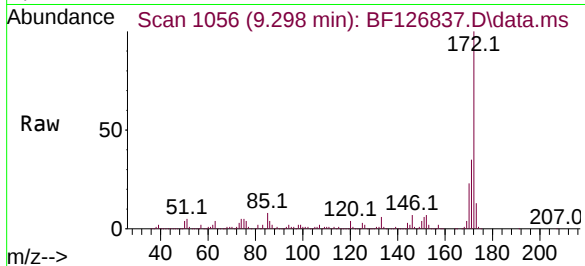




#45
2-Fluorobiphenyl
Concen: 106.329 ng
RT: 9.298 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

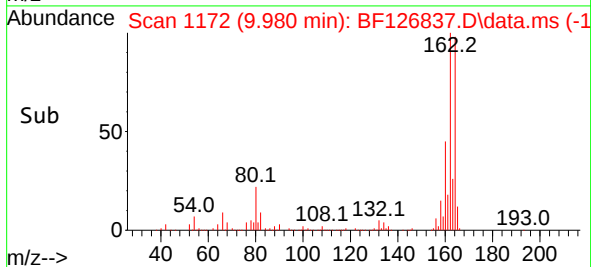
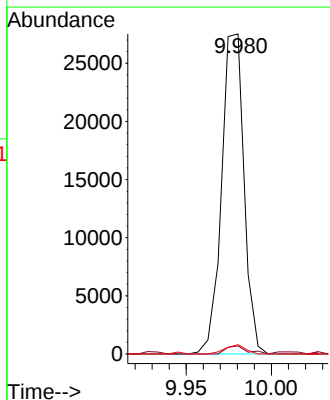
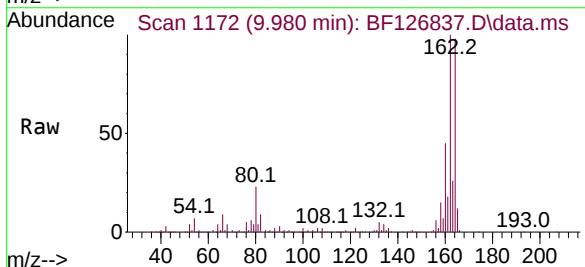
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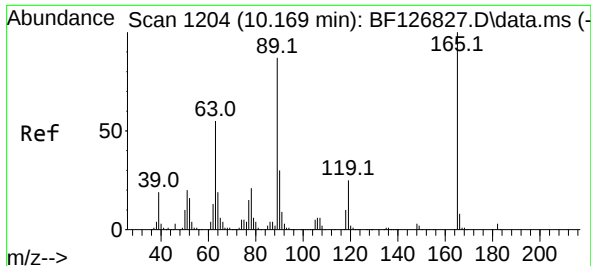
Tgt Ion:172 Resp: 1375637
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.5 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 9.045 ng
RT: 9.980 min Scan# 1172
Delta R.T. 0.211 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

Tgt Ion:165 Resp: 25236
Ion Ratio Lower Upper
165 100
63 2.5 49.9 74.9#
89 2.9 51.0 76.4#

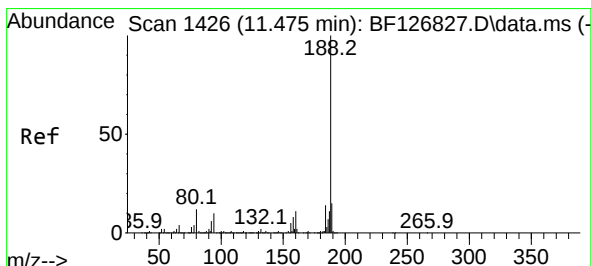
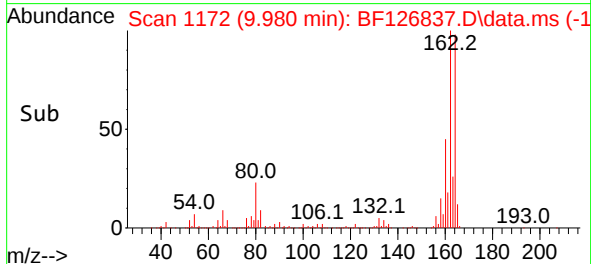
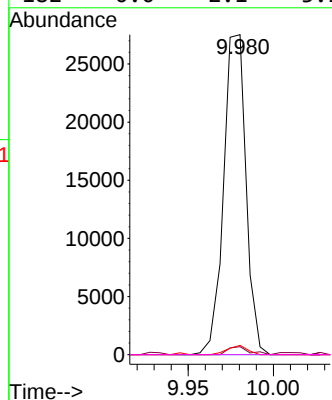
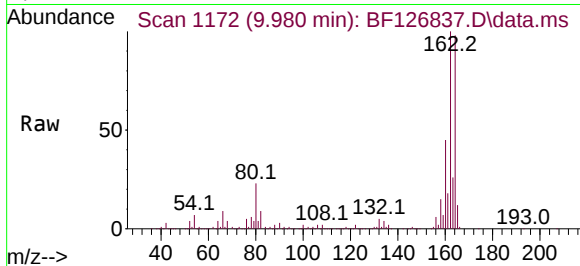




#57
2,4-Dinitrotoluene
Concen: 6.841 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

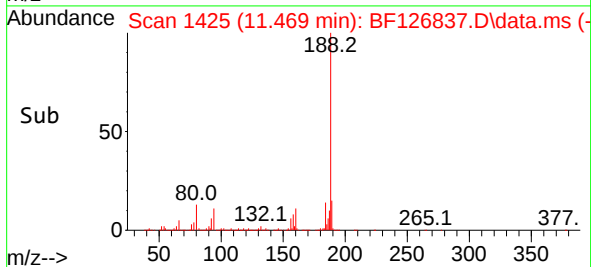
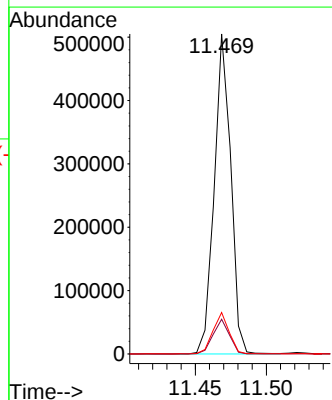
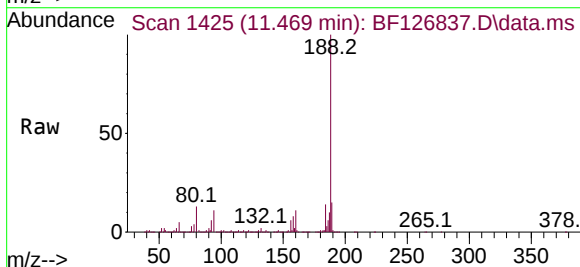
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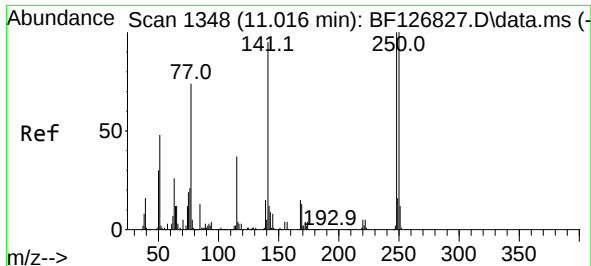
Tgt Ion:165 Resp: 25236
Ion Ratio Lower Upper
165 100
63 2.5 43.9 65.9#
89 2.9 69.8 104.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

Tgt Ion:188 Resp: 407454
Ion Ratio Lower Upper
188 100
94 10.9 8.1 12.1
80 13.0 9.5 14.3

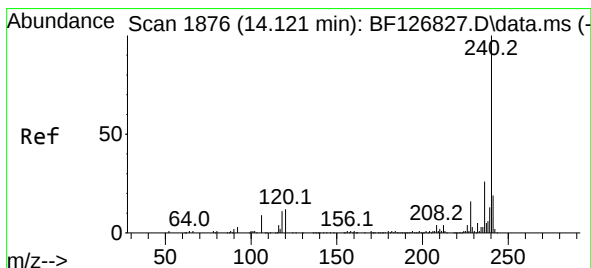
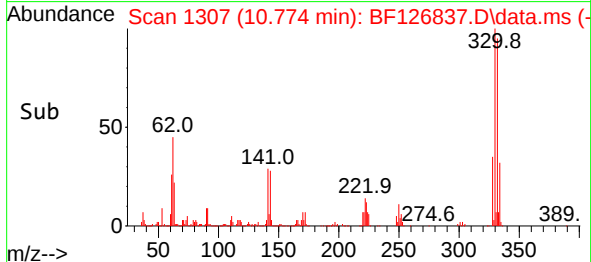
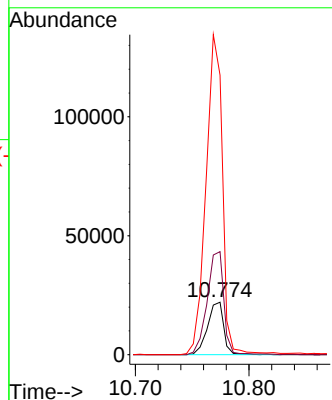
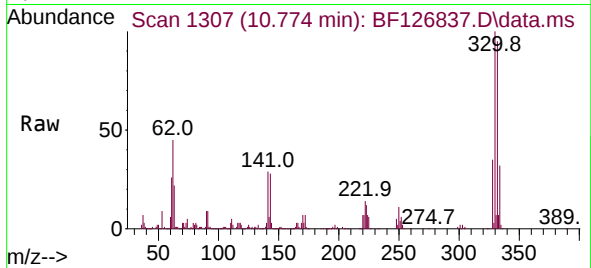




#67
4-Bromophenyl-phenylether
Concen: 4.911 ng
RT: 10.774 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

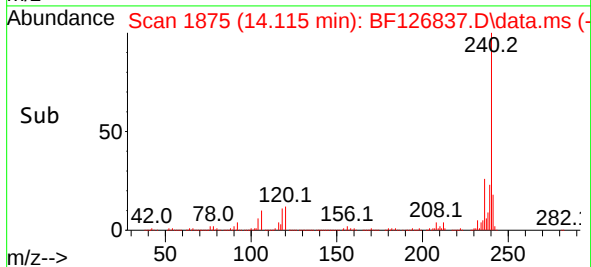
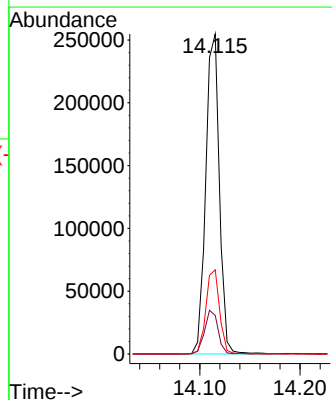
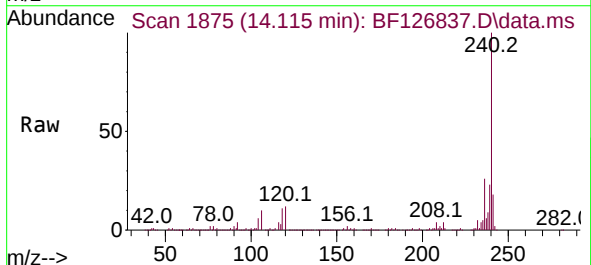
Instrument :
BNA_F
ClientSampleId :
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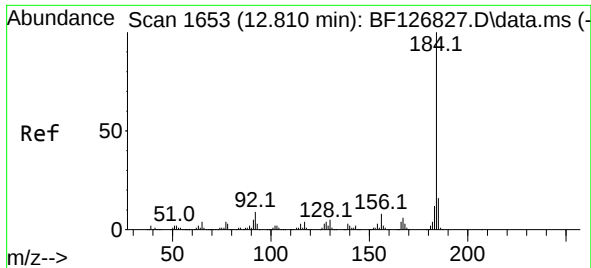
Tgt Ion:248 Resp: 21746
Ion Ratio Lower Upper
248 100
250 196.4 80.0 120.0#
141 532.9 75.6 113.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

Tgt Ion:240 Resp: 242258
Ion Ratio Lower Upper
240 100
120 12.0 9.8 14.6
236 26.3 20.5 30.7

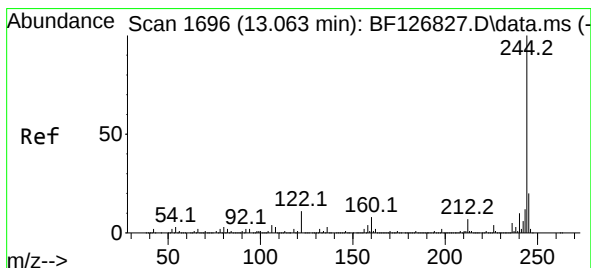
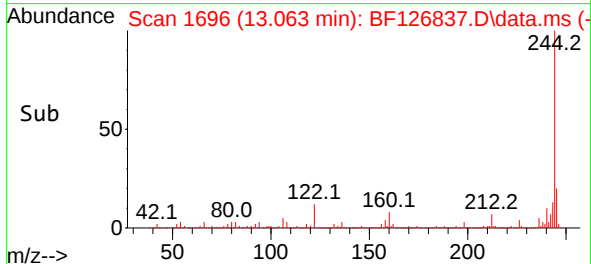
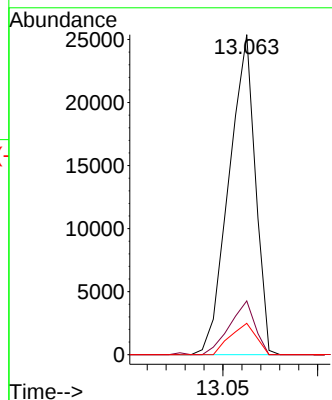
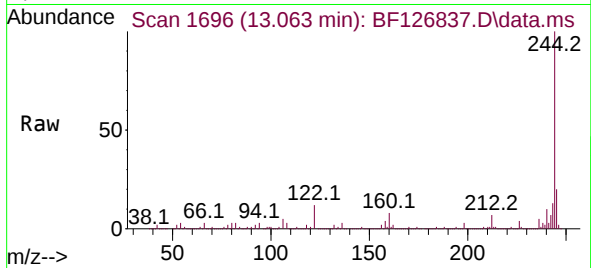




#77
Benzidine
Concen: 3.849 ng
RT: 13.063 min Scan# 1696
Delta R.T. 0.253 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

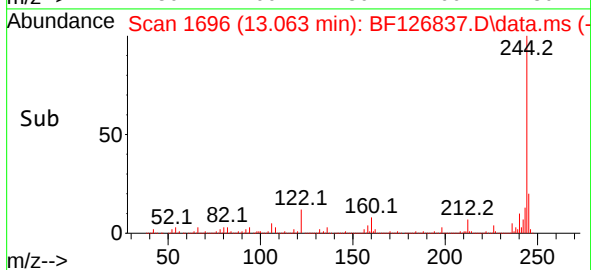
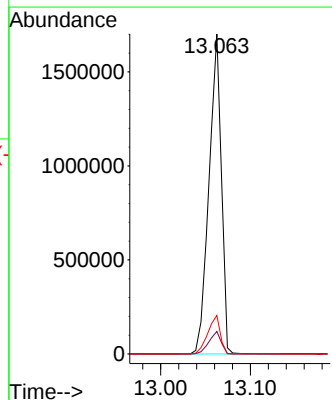
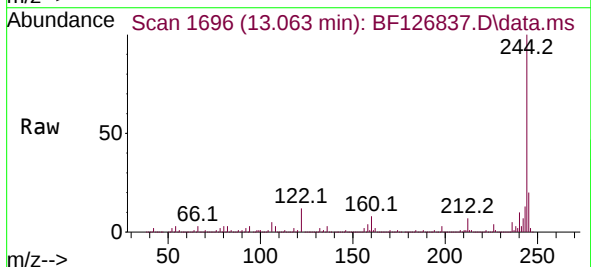
Instrument :
BNA_F
ClientSampleId :
KTS1-WC-S-MH-01-02-0-15

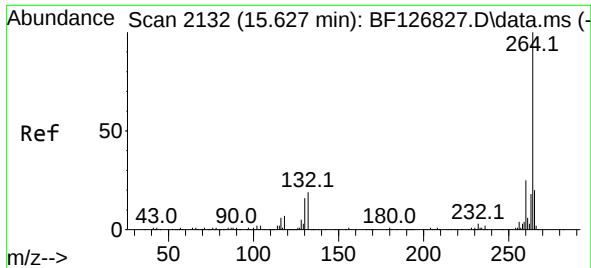
Tgt Ion:184 Resp: 24537
Ion Ratio Lower Upper
184 100
185 16.8 12.5 18.7
183 9.8 9.6 14.4



#79
Terphenyl-d14
Concen: 96.297 ng
RT: 13.063 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BF126837.D
Acq: 10 Feb 2022 12:11

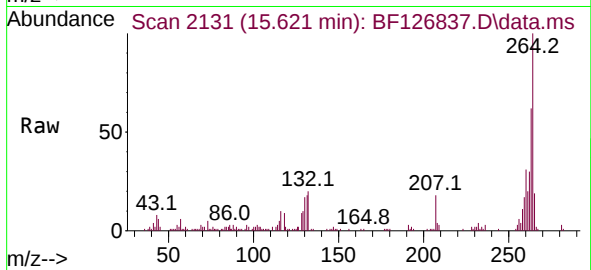
Tgt Ion:244 Resp: 1627315
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 12.0 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126837.D
 Acq: 10 Feb 2022 12:11

Instrument :
 BNA_F
 ClientSampleId :
 KTS1-WC-S-MH-01-02-0-15



Tgt Ion:264 Resp: 30079
 Ion Ratio Lower Upper
 264 100
 260 31.3 19.6 29.4#
 265 18.9 15.9 23.9

