

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126687.D
 Acq On : 26 Jan 2022 15:36
 Operator : CG/JU
 Sample : N1267-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASEMENT-WALLS

Quant Time: Jan 27 03:12:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

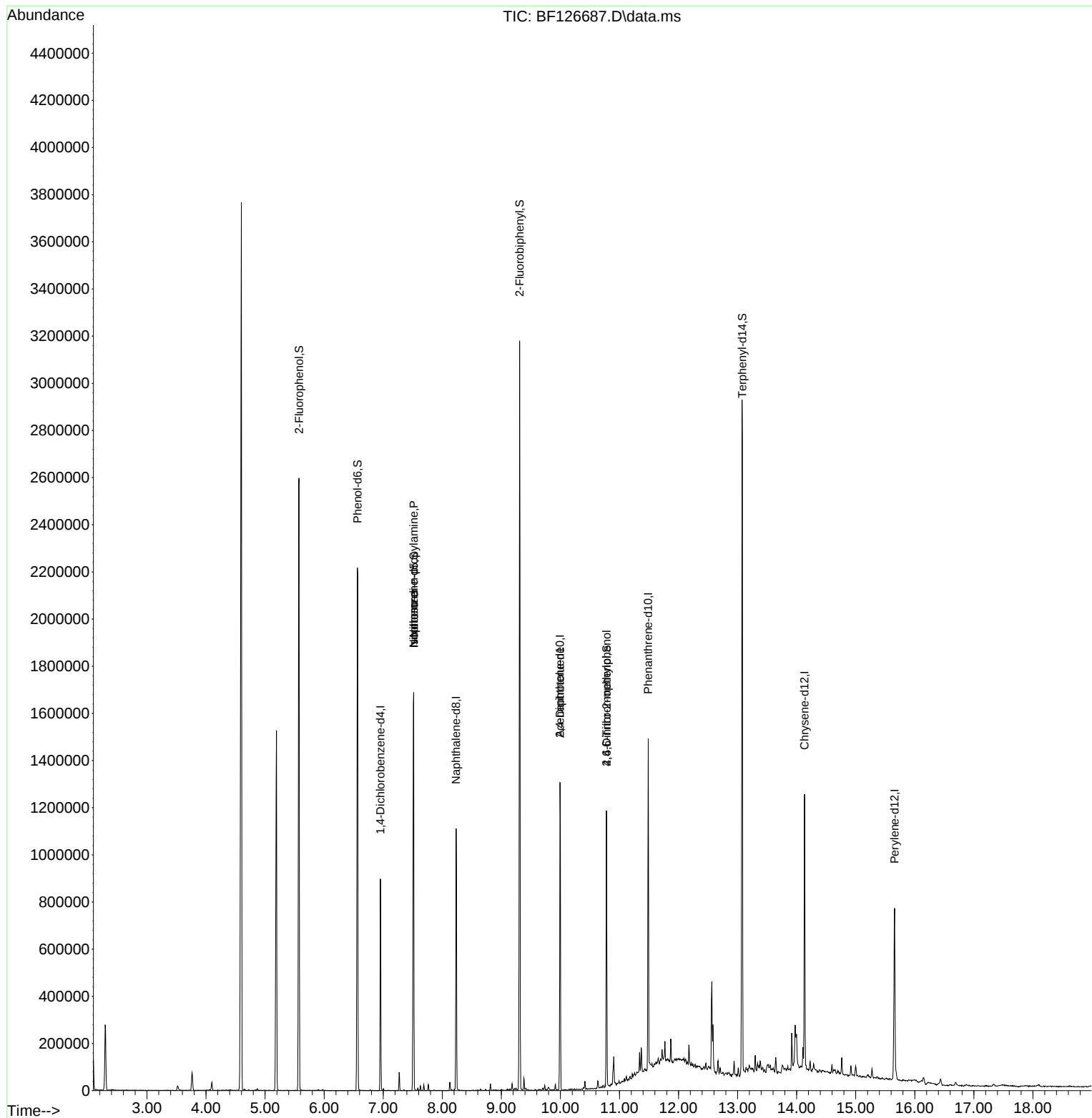
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	112733	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	442946	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	252462	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	430044	20.000	ng	0.00
76) Chrysene-d12	14.133	240	359716	20.000	ng	#-0.01
86) Perylene-d12	15.657	264	316755	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	722617	84.349	ng	0.00
7) Phenol-d6	6.563	99	846619	71.128	ng	-0.01
23) Nitrobenzene-d5	7.516	82	673796	59.540	ng	0.00
42) 2,4,6-Tribromophenol	10.781	330	101307	42.878	ng	-0.01
45) 2-Fluorobiphenyl	9.310	172	909588	55.178	ng	0.00
79) Terphenyl-d14	13.080	244	977929	45.598	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.569	77	1557	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.516	70	92187	10.612	ng	# 67
25) Isophorone	7.516	82	671802	30.611	ng	# 69
57) 2,4-Dinitrotoluene	9.992	165	31329	8.356	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.781	198	144	7.431	ng	# 1

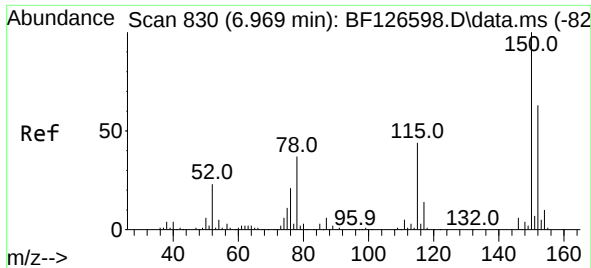
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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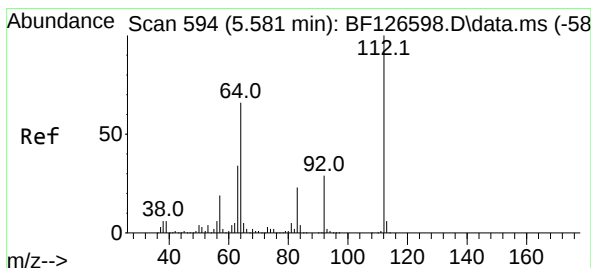
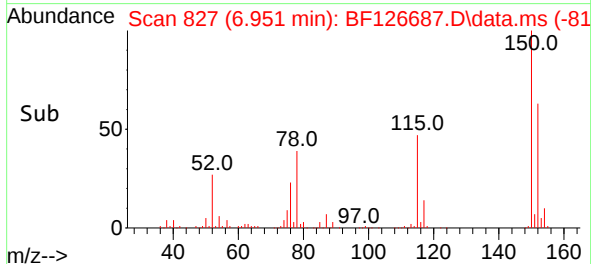
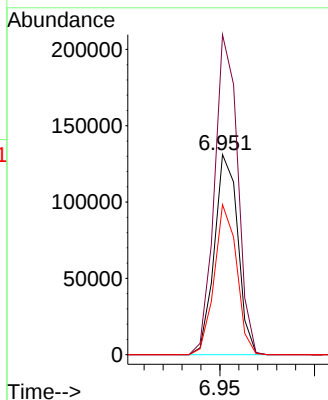
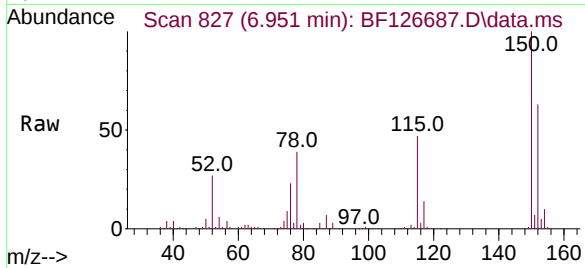




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126687.D
Acq: 26 Jan 2022 15:36

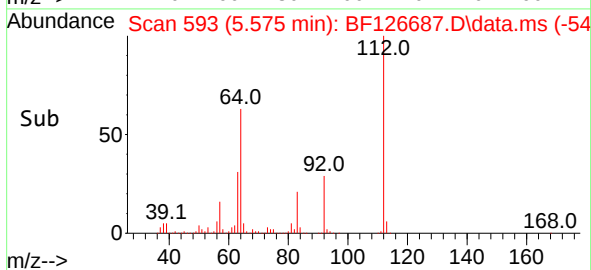
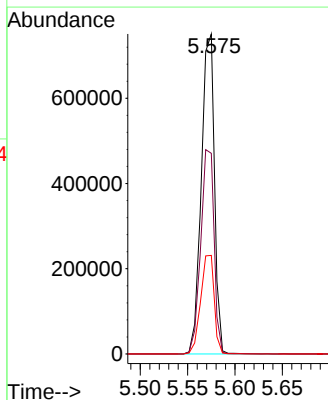
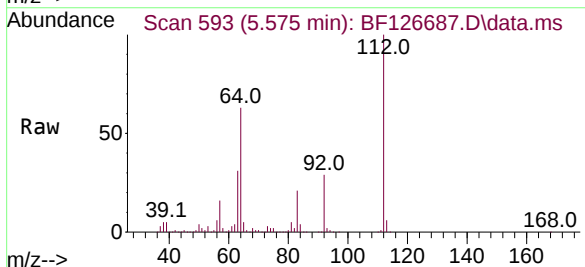
Instrument :
BNA_F
ClientSampleId :
BASEMENT-WALLS

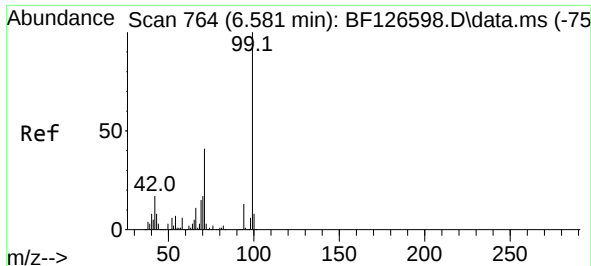
Tgt Ion:152 Resp: 112733
Ion Ratio Lower Upper
152 100
150 159.9 128.1 192.1
115 75.0 56.7 85.1



#5
2-Fluorophenol
Concen: 84.349 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.006 min
Lab File: BF126687.D
Acq: 26 Jan 2022 15:36

Tgt Ion:112 Resp: 722617
Ion Ratio Lower Upper
112 100
64 62.7 49.5 74.3
63 30.8 23.9 35.9





#7

Phenol-d6

Concen: 71.128 ng

RT: 6.563 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF126687.D

Acq: 26 Jan 2022 15:36

Instrument :

BNA_F

ClientSampleId :

BASEMENT-WALLS

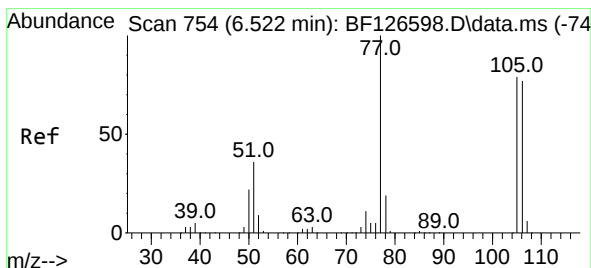
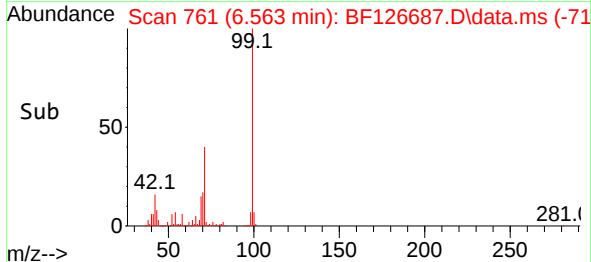
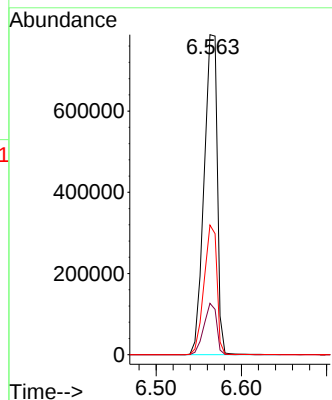
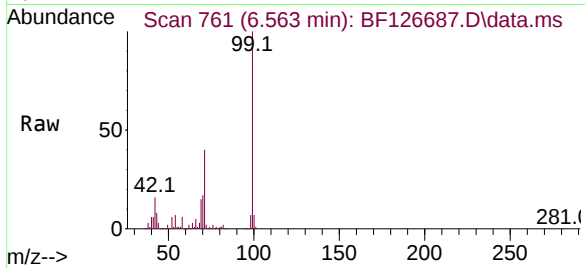
Tgt Ion: 99 Resp: 846619

Ion Ratio Lower Upper

99 100

42 16.1 14.2 21.4

71 40.5 24.3 36.5#



#9

Benzaldehyde

Concen: Below Cal

RT: 6.569 min Scan# 762

Delta R.T. 0.059 min

Lab File: BF126687.D

Acq: 26 Jan 2022 15:36

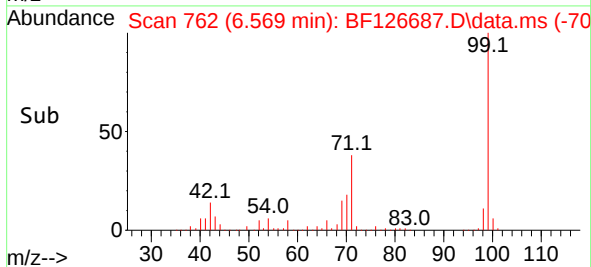
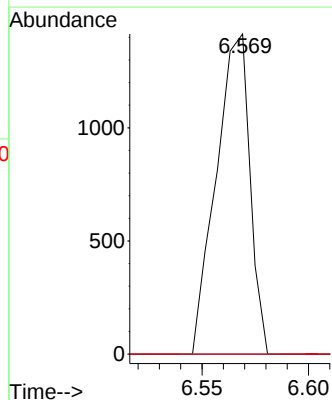
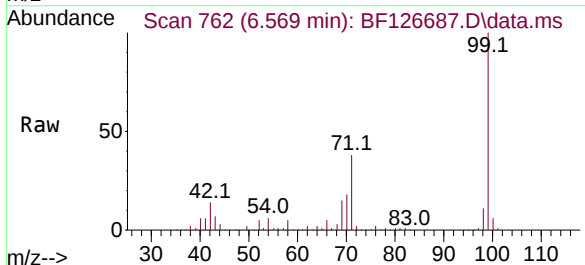
Tgt Ion: 77 Resp: 1557

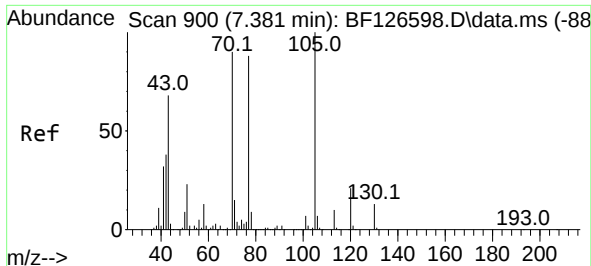
Ion Ratio Lower Upper

77 100

105 0.0 74.9 114.9#

106 0.0 72.4 112.4#

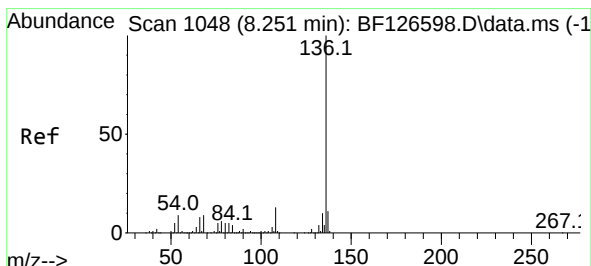
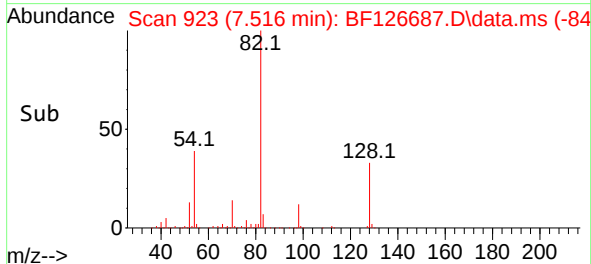
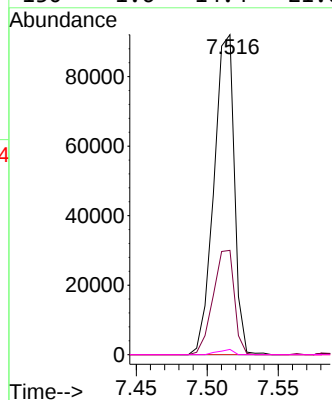
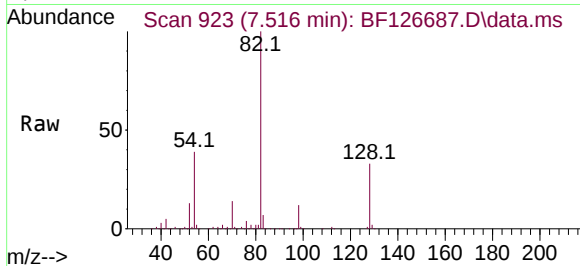




#19
n-Nitroso-di-n-propylamine
Concen: 10.612 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126687.D
Acq: 26 Jan 2022 15:36

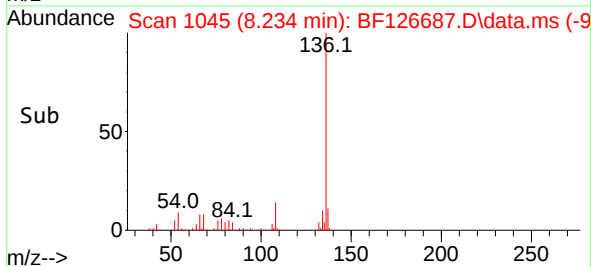
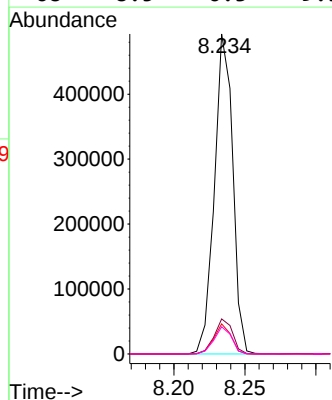
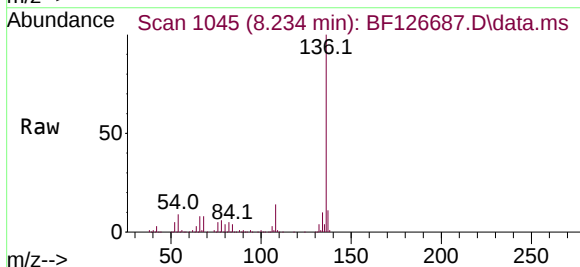
Instrument :
BNA_F
ClientSampleId :
BASEMENT-WALLS

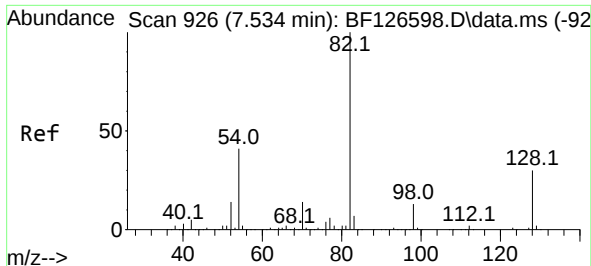
Tgt Ion:	70	Resp:	92187
Ion Ratio	Lower	Upper	
70	100		
42	32.6	45.8	68.8#
101	0.0	6.9	10.3#
130	1.6	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF126687.D
Acq: 26 Jan 2022 15:36

Tgt Ion:	136	Resp:	442946
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	9.4	7.8	11.6
68	8.5	6.3	9.5





#23

Nitrobenzene-d5

Concen: 59.540 ng

RT: 7.516 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF126687.D

Acq: 26 Jan 2022 15:36

Instrument :

BNA_F

ClientSampleId :

BASEMENT-WALLS

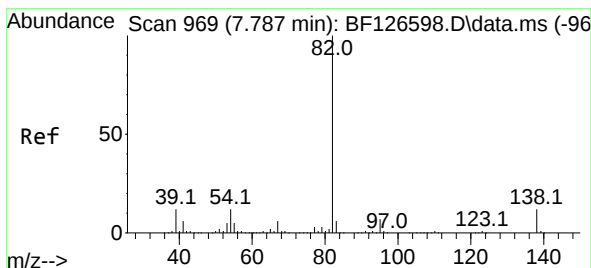
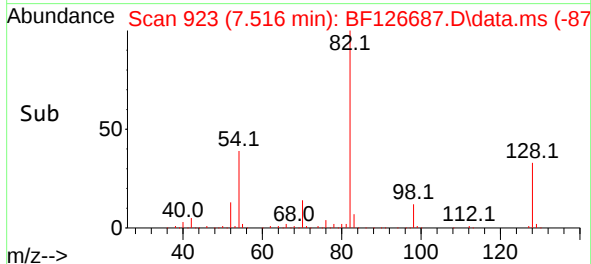
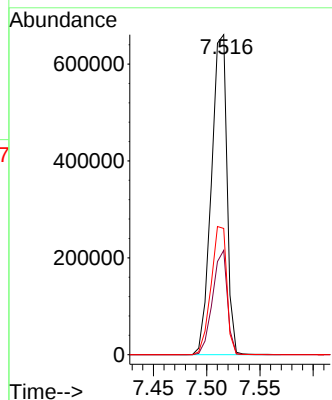
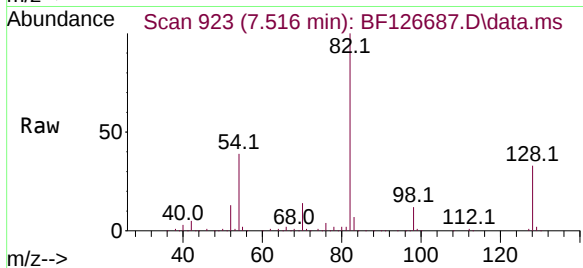
Tgt Ion: 82 Resp: 673796

Ion Ratio Lower Upper

82 100

128 32.6 32.7 49.1#

54 39.5 41.7 62.5#



#25

Isophorone

Concen: 30.611 ng

RT: 7.516 min Scan# 923

Delta R.T. -0.265 min

Lab File: BF126687.D

Acq: 26 Jan 2022 15:36

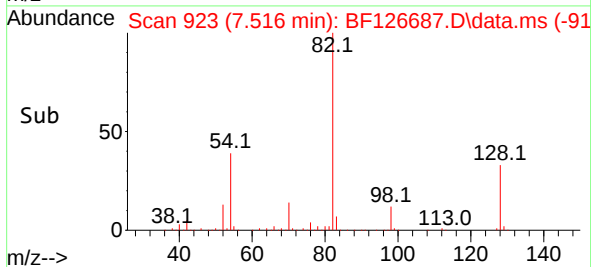
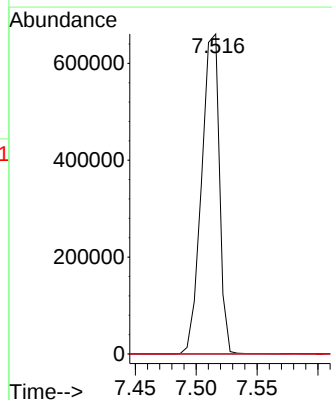
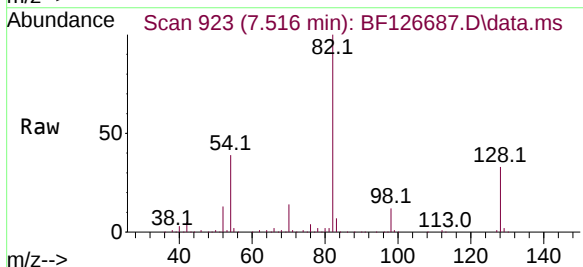
Tgt Ion: 82 Resp: 671802

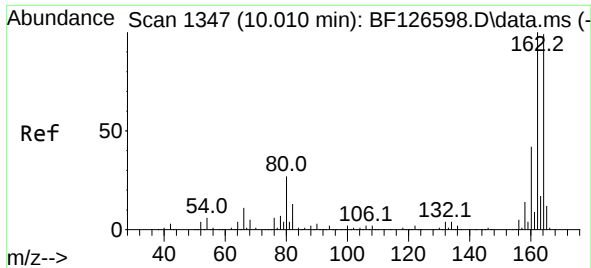
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

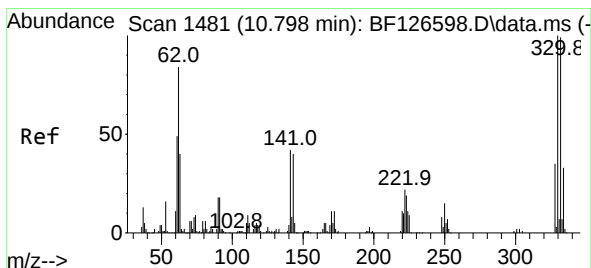
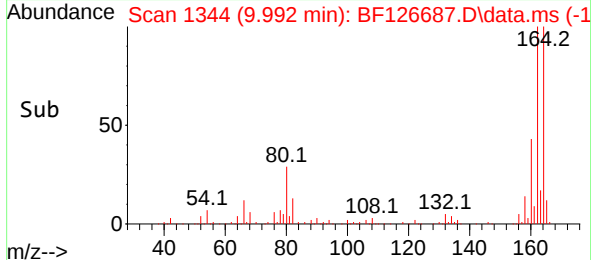
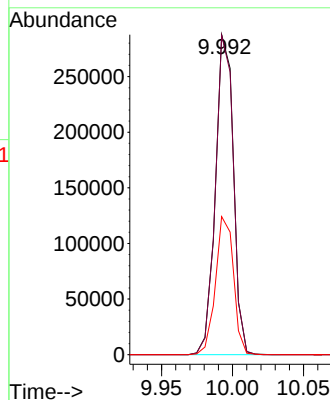
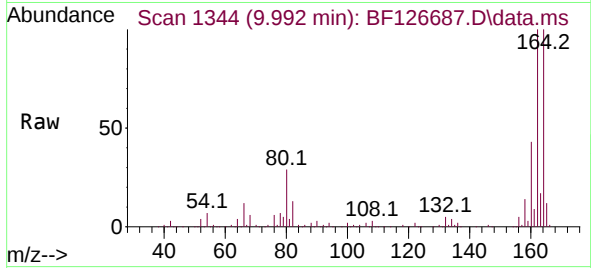




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126687.D
Acq: 26 Jan 2022 15:36

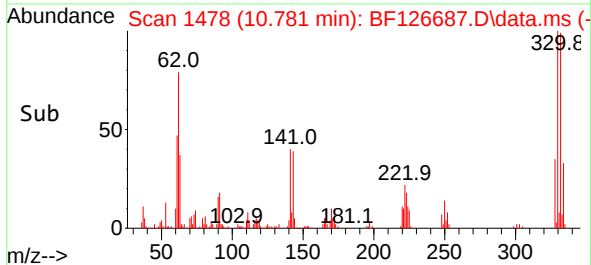
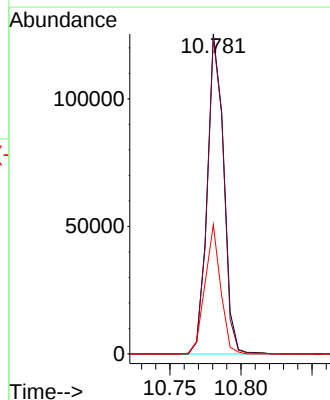
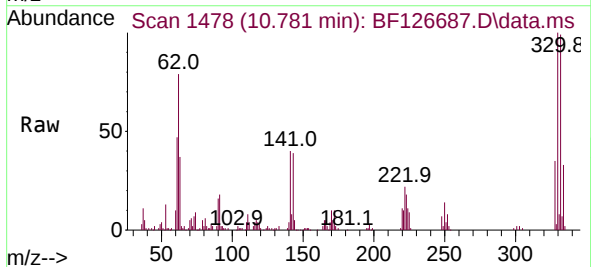
Instrument :
BNA_F
ClientSampleId :
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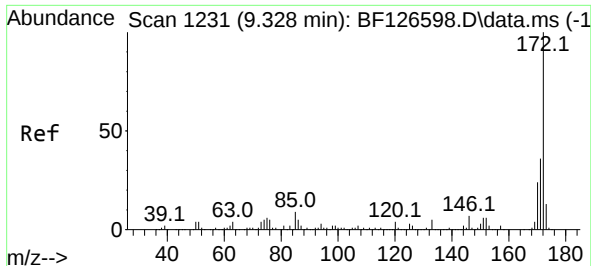
Tgt Ion:164 Resp: 252462
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 43.1 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 42.878 ng
RT: 10.781 min Scan# 1478
Delta R.T. -0.012 min
Lab File: BF126687.D
Acq: 26 Jan 2022 15:36

Tgt Ion:330 Resp: 101307
Ion Ratio Lower Upper
330 100
332 97.9 76.0 114.0
141 38.2 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 55.178 ng

RT: 9.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126687.D

Acq: 26 Jan 2022 15:36

Instrument :

BNA_F

ClientSampleId :

BASEMENT-WALLS

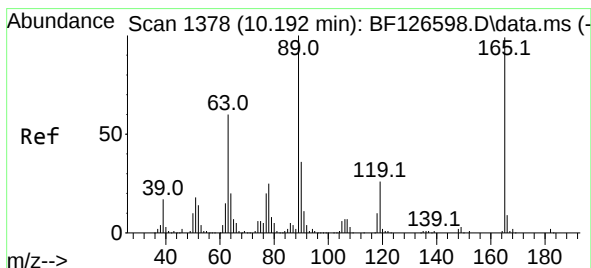
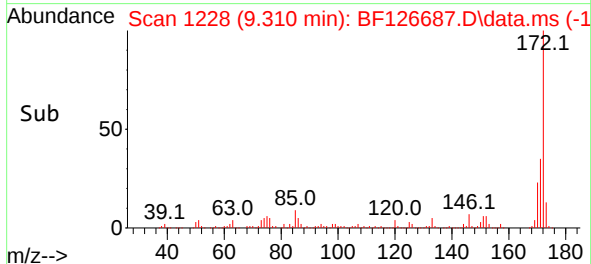
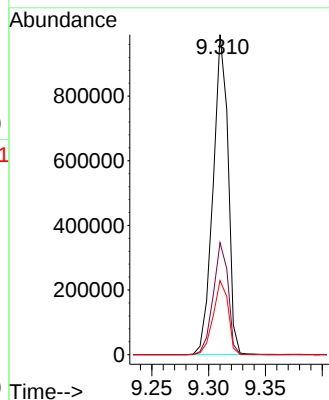
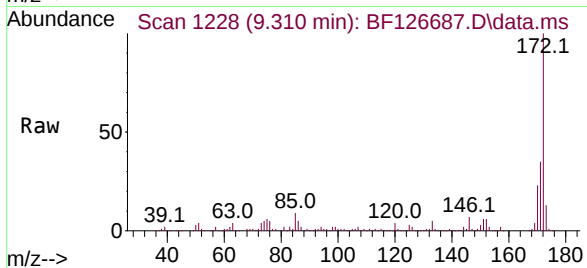
Tgt Ion:172 Resp: 909588

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.1 19.0 28.6



#57

2,4-Dinitrotoluene

Concen: 8.356 ng

RT: 9.992 min Scan# 1344

Delta R.T. -0.194 min

Lab File: BF126687.D

Acq: 26 Jan 2022 15:36

Tgt Ion:165 Resp: 31329

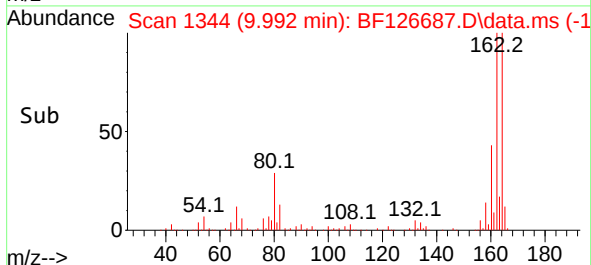
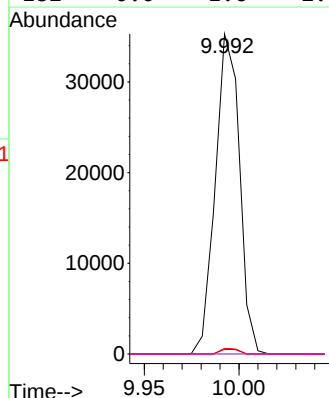
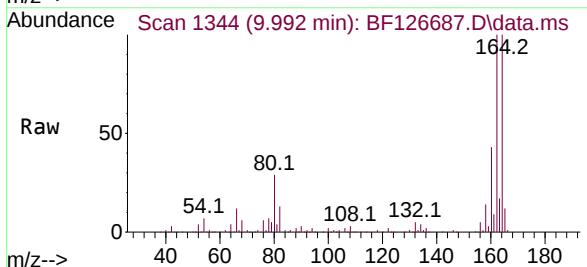
Ion Ratio Lower Upper

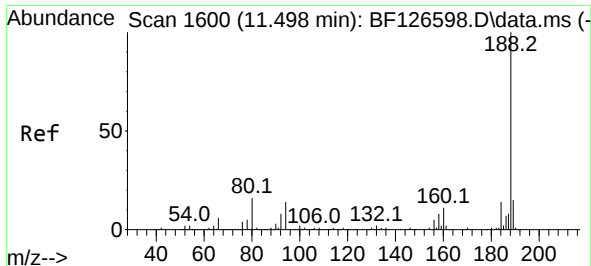
165 100

63 1.5 43.0 64.6#

89 1.8 71.0 106.4#

182 0.0 1.6 2.4#

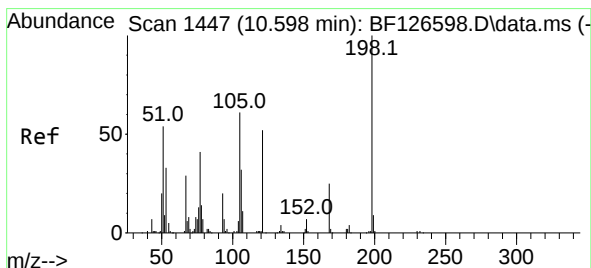
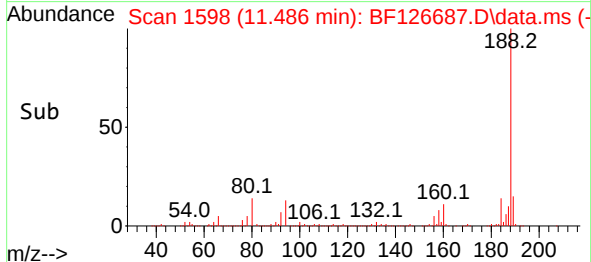
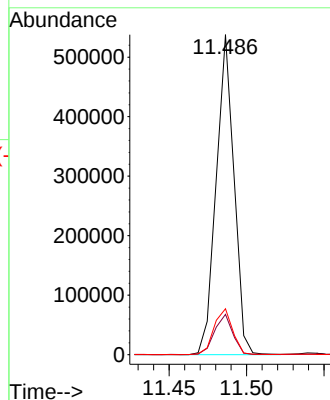
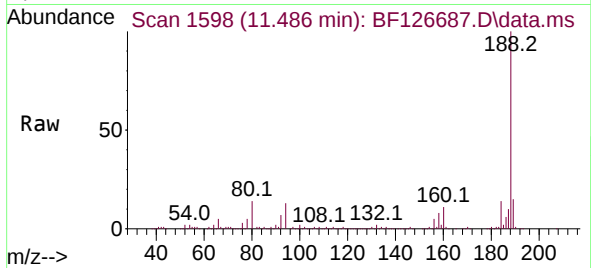




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126687.D
Acq: 26 Jan 2022 15:36

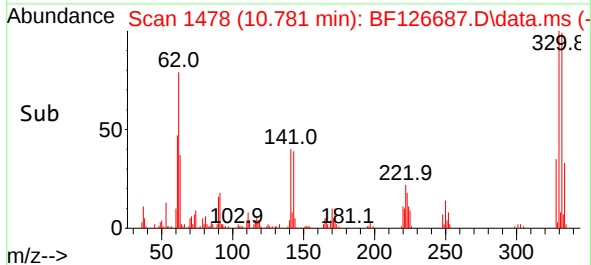
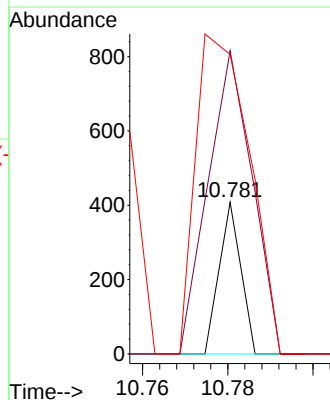
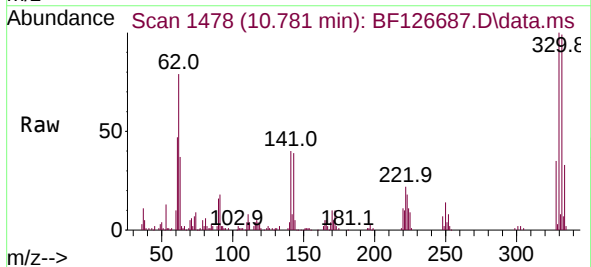
Instrument :
BNA_F
ClientSampleId :
BASEMENT-WALLS

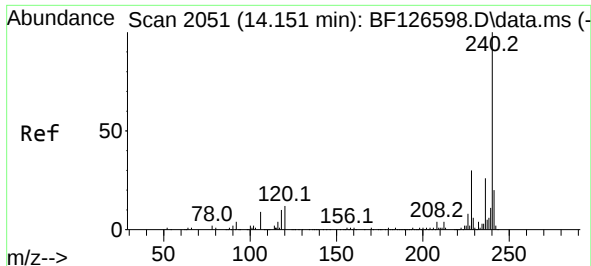
Tgt Ion:188 Resp: 430044
Ion Ratio Lower Upper
188 100
94 12.6 10.1 15.1
80 14.4 11.8 17.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.431 ng
RT: 10.781 min Scan# 1478
Delta R.T. 0.188 min
Lab File: BF126687.D
Acq: 26 Jan 2022 15:36

Tgt Ion:198 Resp: 144
Ion Ratio Lower Upper
198 100
51 200.0 32.0 72.0#
105 197.5 32.7 72.7#

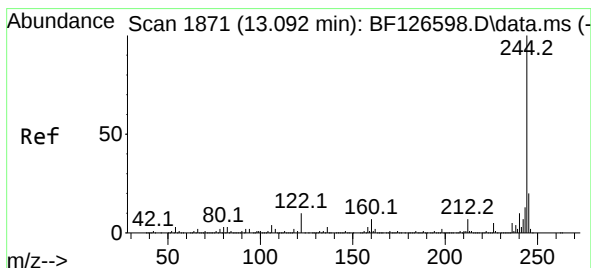
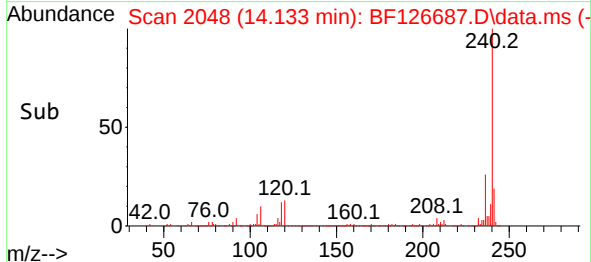
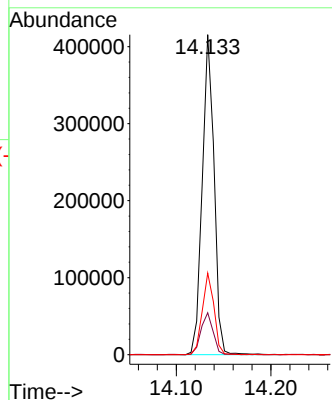
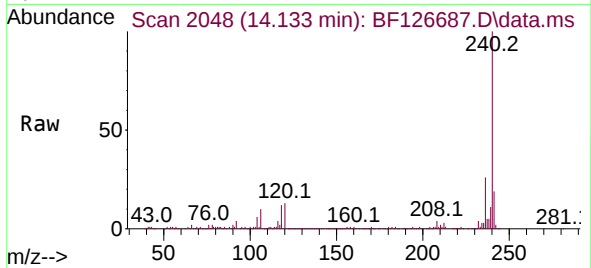




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126687.D
Acq: 26 Jan 2022 15:36

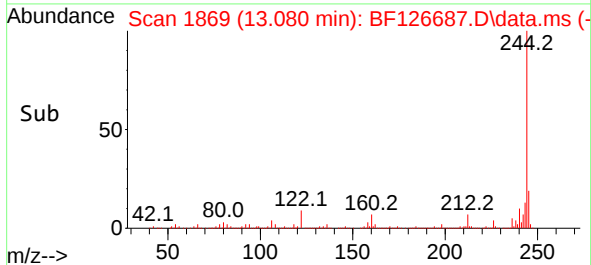
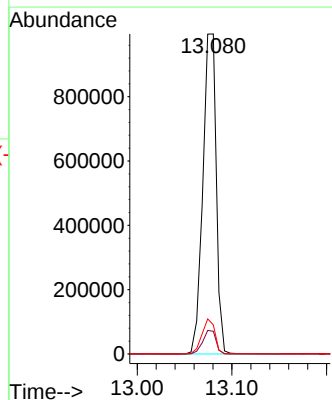
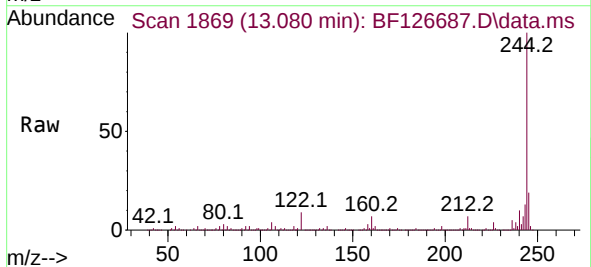
Instrument :
BNA_F
ClientSampleId :
BASEMENT-WALLS

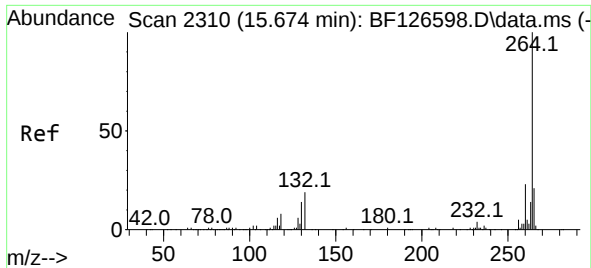
Tgt Ion:240 Resp: 359716
Ion Ratio Lower Upper
240 100
120 13.1 14.4 21.6#
236 25.5 20.5 30.7



#79
Terphenyl-d14
Concen: 45.598 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.000 min
Lab File: BF126687.D
Acq: 26 Jan 2022 15:36

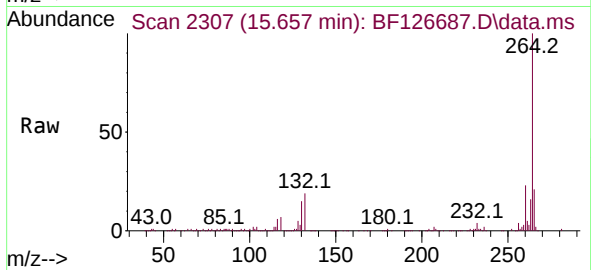
Tgt Ion:244 Resp: 977929
Ion Ratio Lower Upper
244 100
212 7.1 5.0 7.4
122 9.1 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.657 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126687.D
 Acq: 26 Jan 2022 15:36

Instrument :
 BNA_F
 ClientSampleId :
 BASEMENT-WALLS



Tgt Ion:264 Resp: 316755
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.0 17.4 26.2

