

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126487.D
 Acq On : 5 Jan 2022 1:16
 Operator : JU/CG
 Sample : M5342-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9-(10-15)

Quant Time: Jan 05 02:03:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

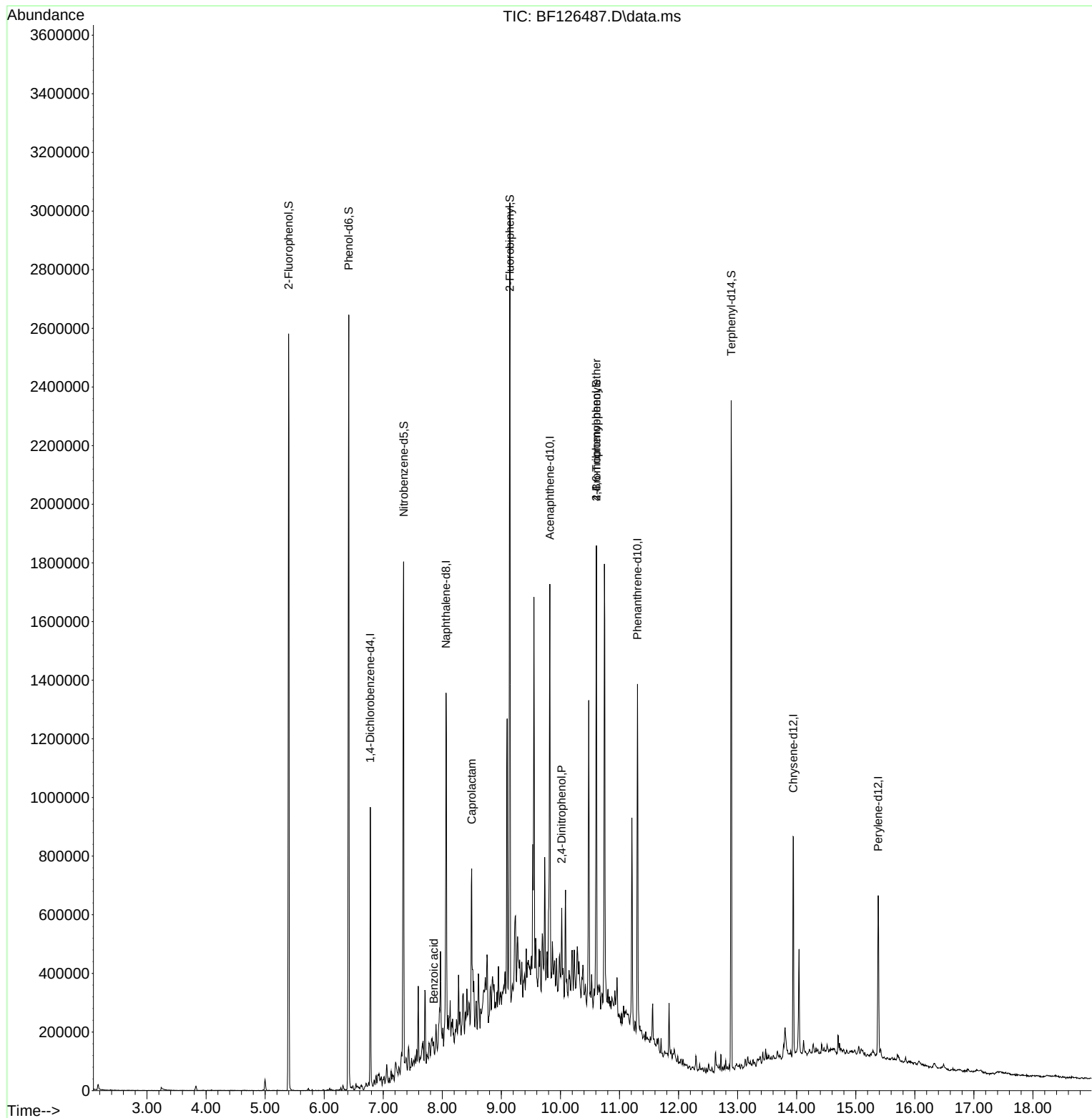
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	129209	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	531022	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	244532	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	411663	20.000	ng	0.00
76) Chrysene-d12	13.945	240	254963	20.000	ng	0.00
86) Perylene-d12	15.380	264	218663	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	789005	87.692	ng	0.00
7) Phenol-d6	6.416	99	982759	84.331	ng	0.00
23) Nitrobenzene-d5	7.345	82	631117	61.025	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	184766	97.780	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	893973	64.333	ng	0.00
79) Terphenyl-d14	12.892	244	786583	59.941	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	7.857	122	2803	7.535	ng #	46
35) Caprolactam	8.498	113	12559	7.537	ng #	59
54) 2,4-Dinitrophenol	10.021	184	249	4.144	ng #	1
67) 4-Bromophenyl-phenylether	10.610	248	10632	2.910	ng #	1
77) Benzidine	12.892	184	9892	Below Cal	#	94

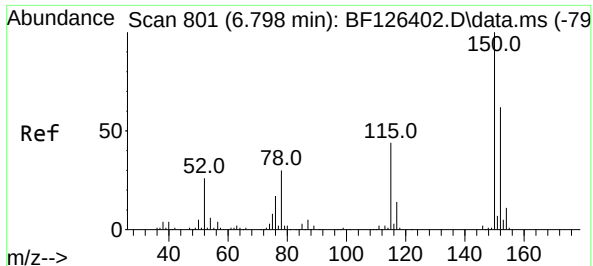
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
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Quant Time: Jan 05 02:03:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

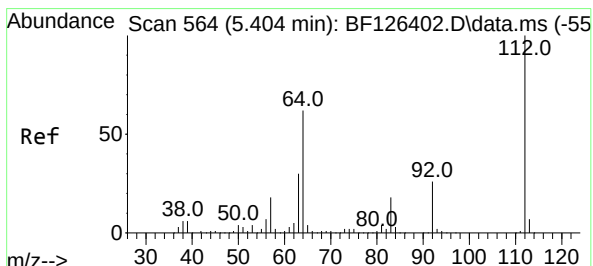
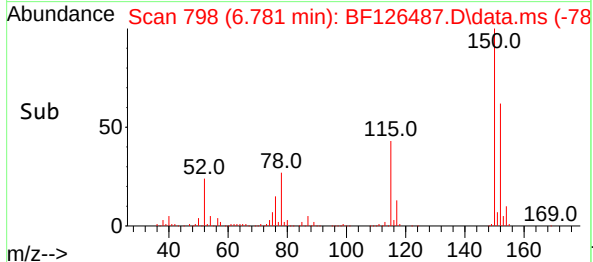
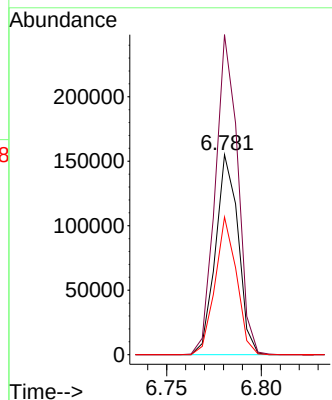
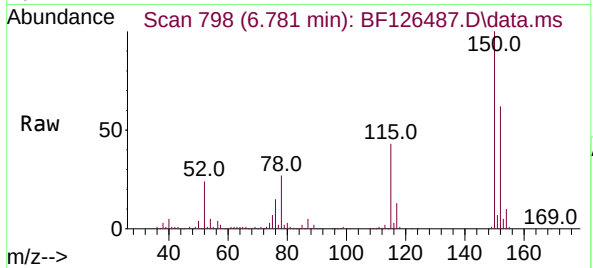




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126487.D
Acq: 5 Jan 2022 1:16

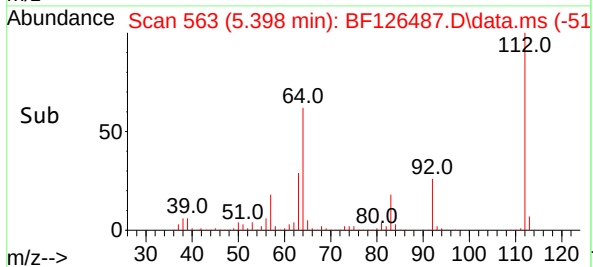
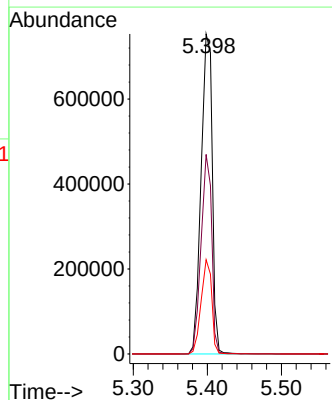
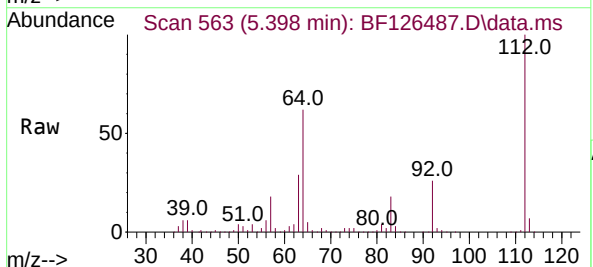
Instrument :
BNA_F
ClientSampleId :
SB-9-(10-15)

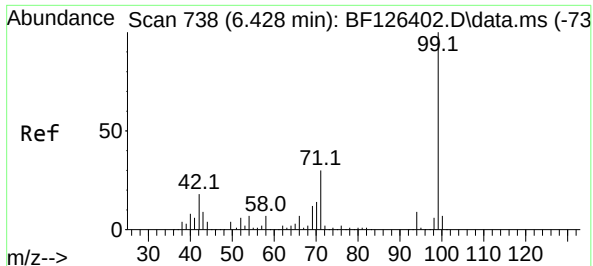
Tgt Ion:152 Resp: 129209
Ion Ratio Lower Upper
152 100
150 160.0 128.1 192.1
115 68.8 56.7 85.1



#5
2-Fluorophenol
Concen: 87.692 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF126487.D
Acq: 5 Jan 2022 1:16

Tgt Ion:112 Resp: 789005
Ion Ratio Lower Upper
112 100
64 62.3 49.5 74.3
63 29.5 23.9 35.9

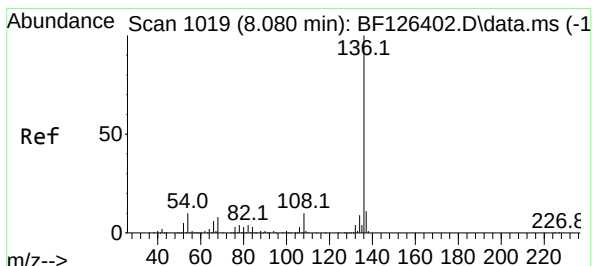
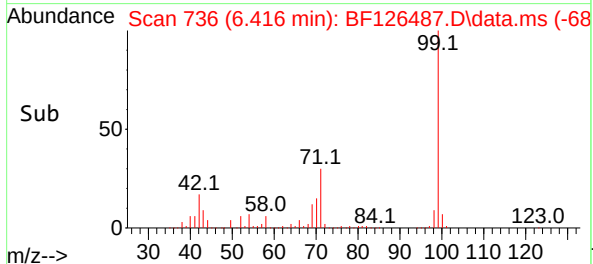
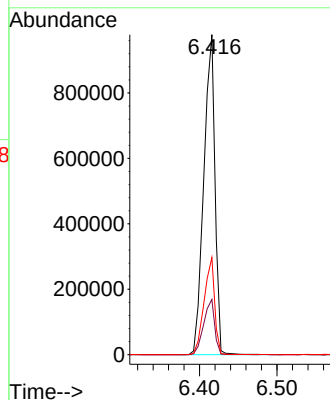
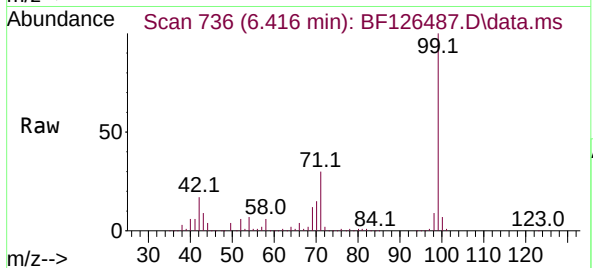




#7
Phenol-d6
Concen: 84.331 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126487.D
Acq: 5 Jan 2022 1:16

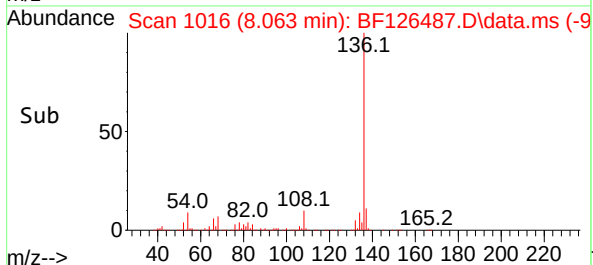
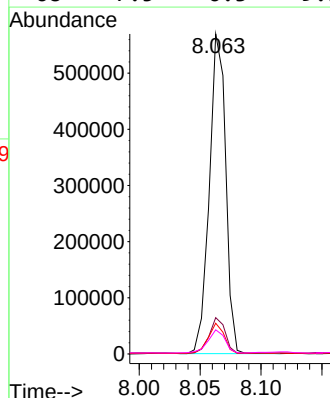
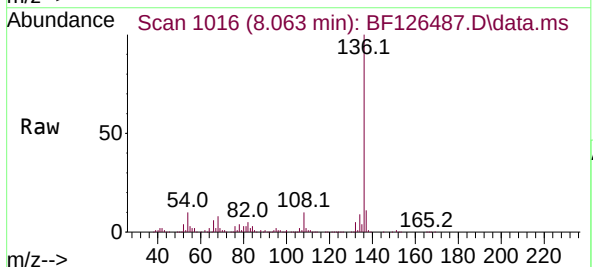
Instrument :
BNA_F
ClientSampleId :
SB-9-(10-15)

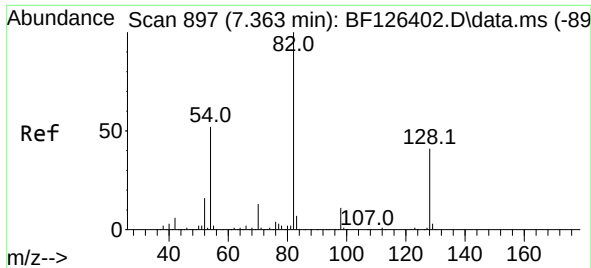
Tgt Ion: 99 Resp: 982759
Ion Ratio Lower Upper
99 100
42 17.2 14.2 21.4
71 30.3 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126487.D
Acq: 5 Jan 2022 1:16

Tgt Ion: 136 Resp: 531022
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.6 7.8 11.6
68 7.5 6.3 9.5





#23

Nitrobenzene-d5

Concen: 61.025 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126487.D

Acq: 5 Jan 2022 1:16

Instrument :

BNA_F

ClientSampleId :

SB-9-(10-15)

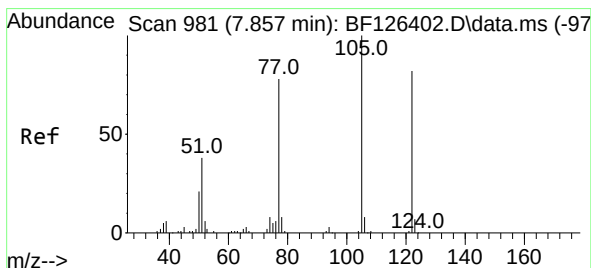
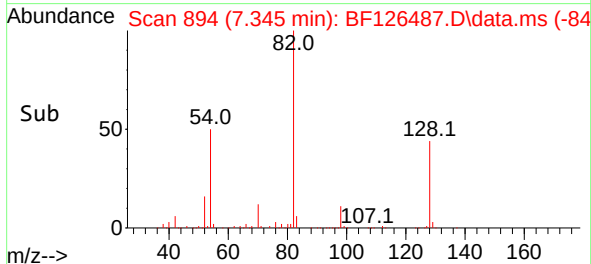
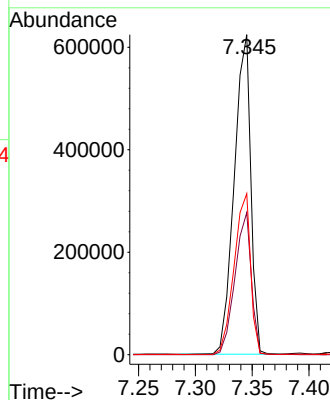
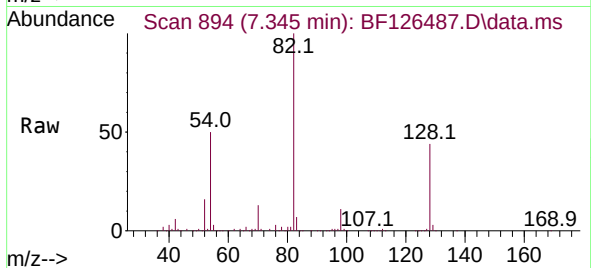
Tgt Ion: 82 Resp: 631117

Ion Ratio Lower Upper

82 100

128 44.4 32.7 49.1

54 50.3 41.7 62.5



#32

Benzoic acid

Concen: 7.535 ng

RT: 7.857 min Scan# 981

Delta R.T. 0.012 min

Lab File: BF126487.D

Acq: 5 Jan 2022 1:16

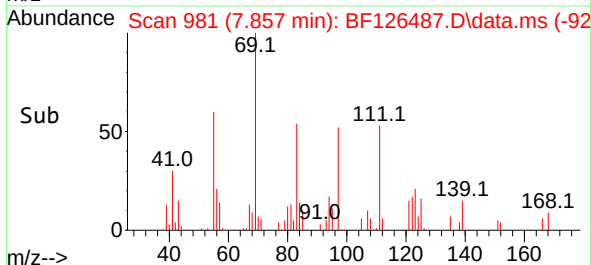
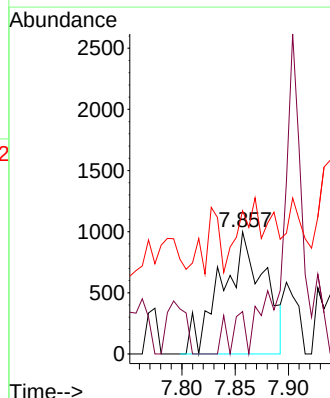
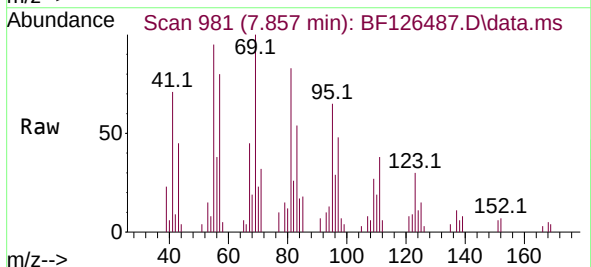
Tgt Ion:122 Resp: 2803

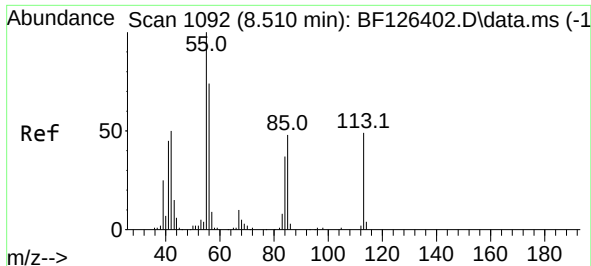
Ion Ratio Lower Upper

122 100

105 34.8 101.0 141.0#

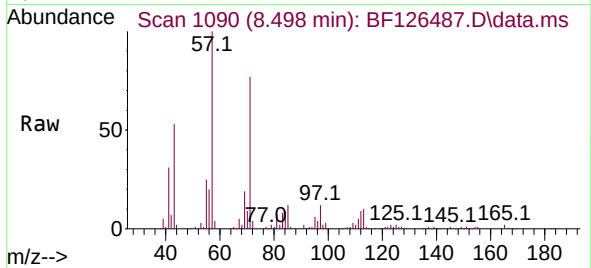
77 117.3 74.5 114.5#



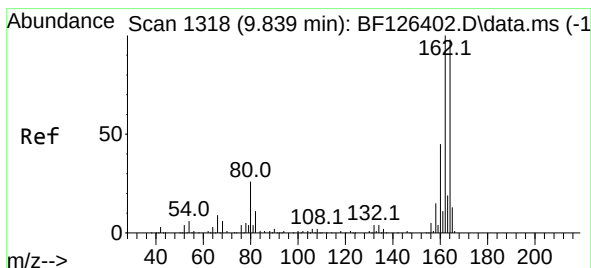
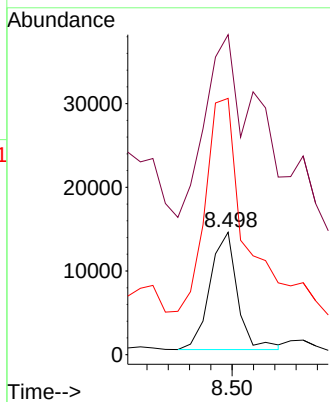
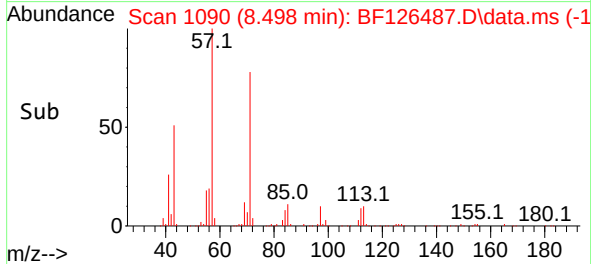


#35
 Caprolactam
 Concen: 7.537 ng
 RT: 8.498 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126487.D
 Acq: 5 Jan 2022 1:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-9-(10-15)

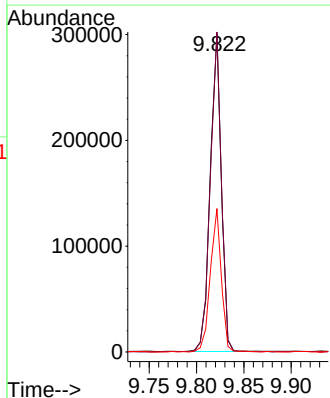
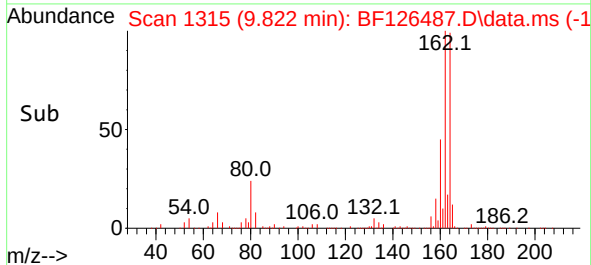
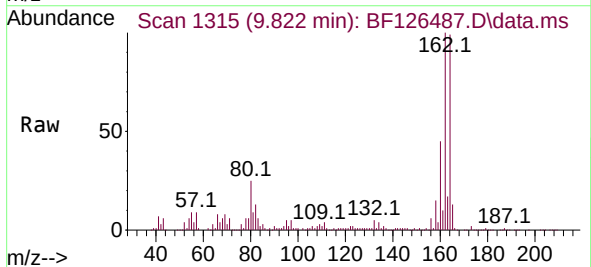


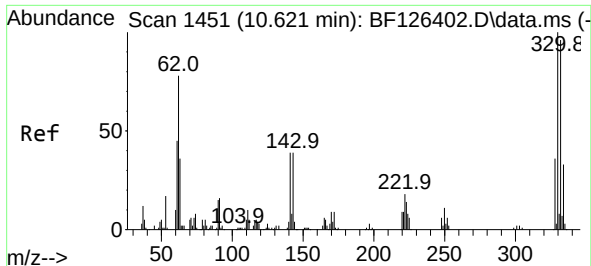
Tgt Ion:113 Resp: 12559
 Ion Ratio Lower Upper
 113 100
 55 261.4 183.9 223.9#
 56 209.4 129.9 169.9#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.822 min Scan# 1315
 Delta R.T. -0.006 min
 Lab File: BF126487.D
 Acq: 5 Jan 2022 1:16

Tgt Ion:164 Resp: 244532
 Ion Ratio Lower Upper
 164 100
 162 100.5 81.4 122.0
 160 45.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 97.780 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF126487.D

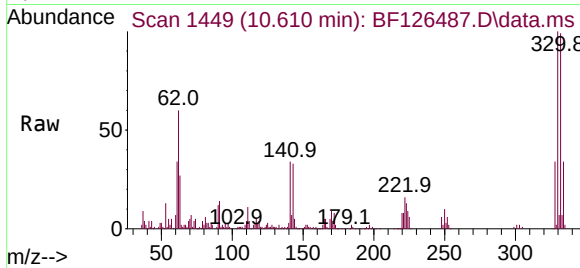
Acq: 5 Jan 2022 1:16

Instrument :

BNA_F

ClientSampleId :

SB-9-(10-15)



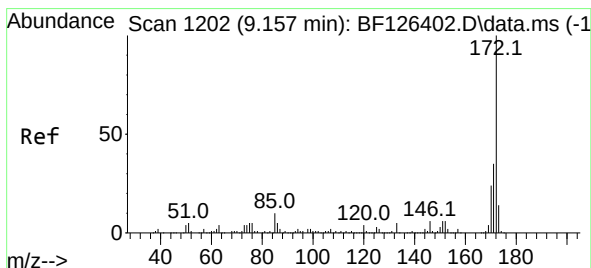
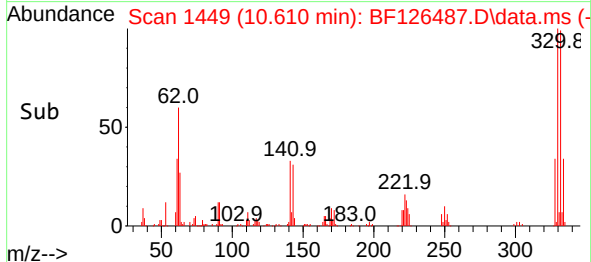
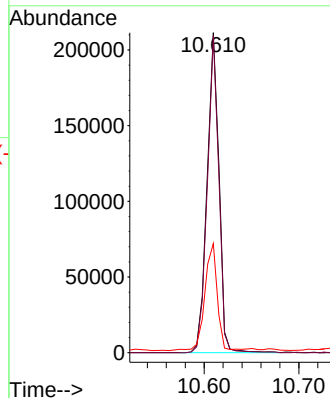
Tgt Ion:330 Resp: 184766

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

141 34.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 64.333 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF126487.D

Acq: 5 Jan 2022 1:16

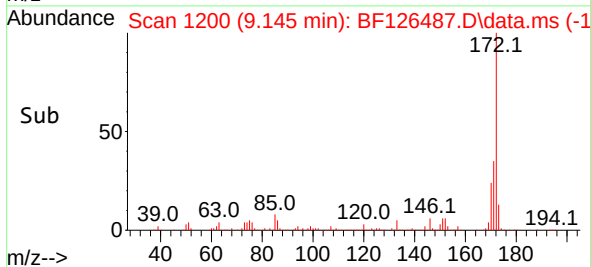
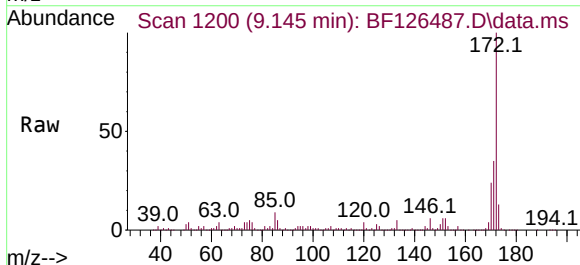
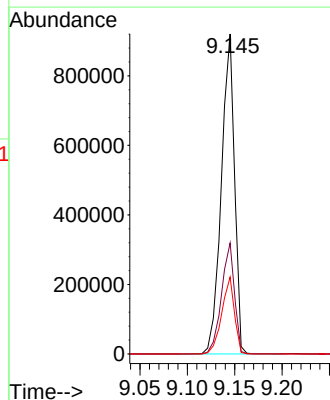
Tgt Ion:172 Resp: 893973

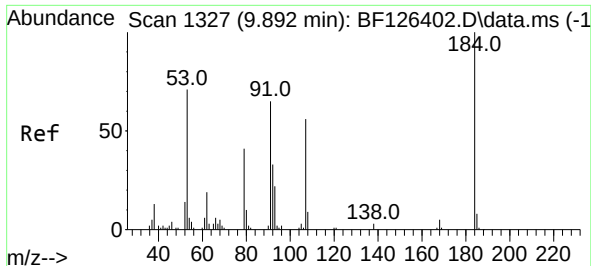
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 24.0 19.0 28.6

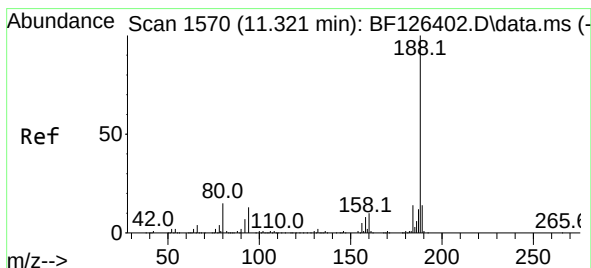
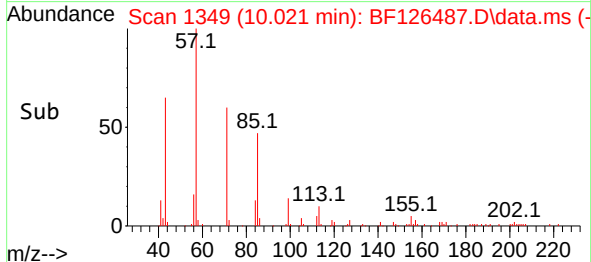
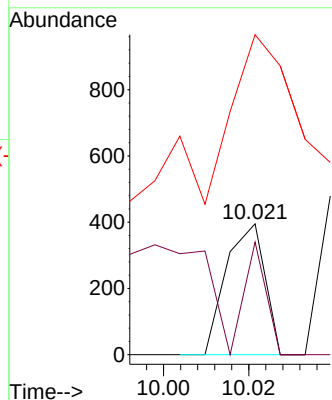
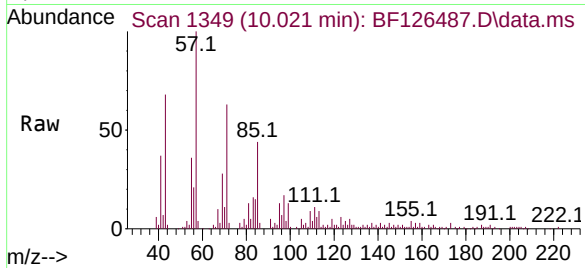




#54
2,4-Dinitrophenol
Concen: 4.144 ng
RT: 10.021 min Scan# 11
Delta R.T. 0.135 min
Lab File: BF126487.D
Acq: 5 Jan 2022 1:16

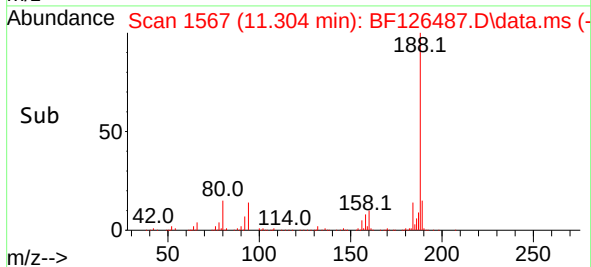
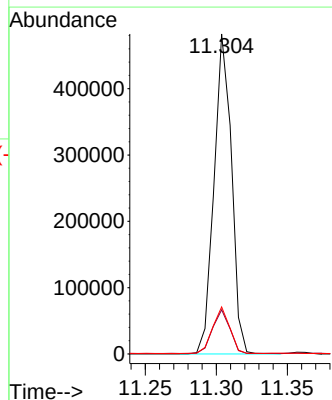
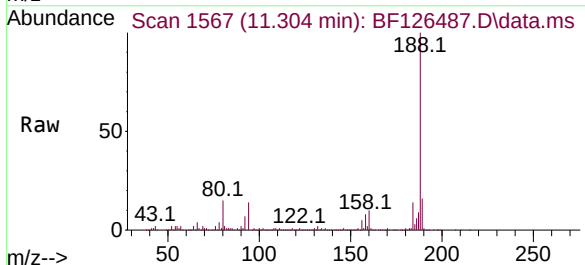
Instrument :
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SB-9-(10-15)

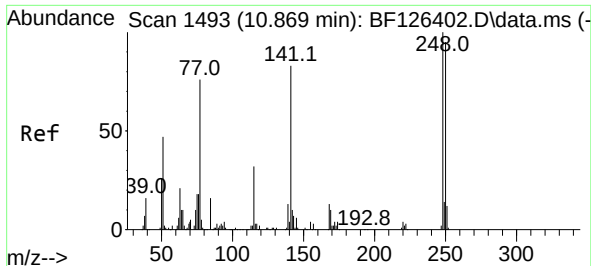
Tgt Ion:184 Resp: 249
Ion Ratio Lower Upper
184 100
63 86.1 70.4 105.6
154 244.6 49.7 74.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF126487.D
Acq: 5 Jan 2022 1:16

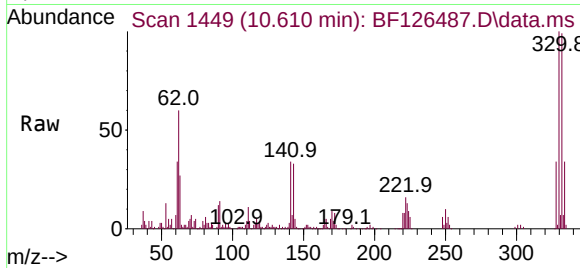
Tgt Ion:188 Resp: 411663
Ion Ratio Lower Upper
188 100
94 13.8 10.1 15.1
80 14.7 11.8 17.6



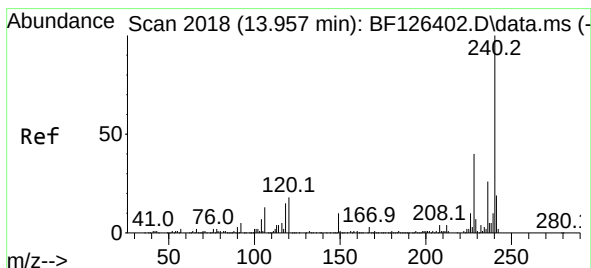
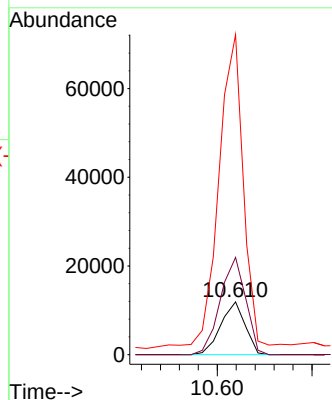
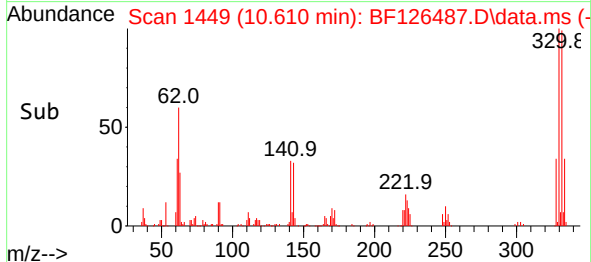


#67
4-Bromophenyl-phenylether
Concen: 2.910 ng
RT: 10.610 min Scan# 1493
Delta R.T. -0.247 min
Lab File: BF126487.D
Acq: 5 Jan 2022 1:16

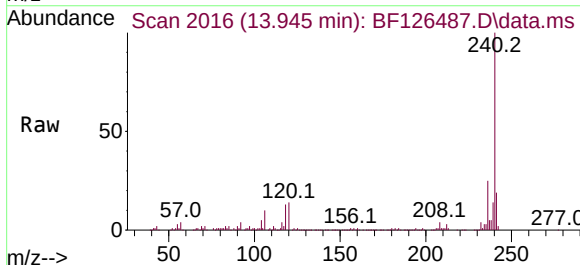
Instrument :
BNA_F
ClientSampleId :
SB-9-(10-15)



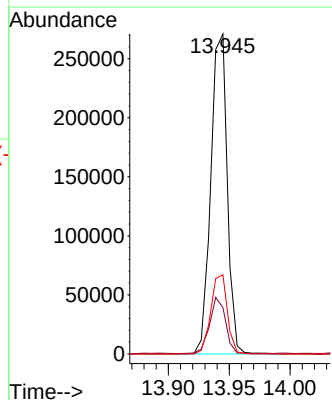
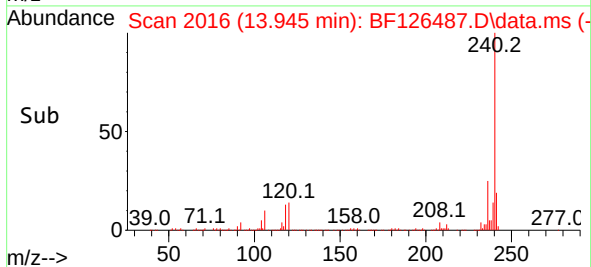
Tgt Ion:248 Resp: 10632
Ion Ratio Lower Upper
248 100
250 184.3 76.2 114.4#
141 605.8 66.2 99.4#

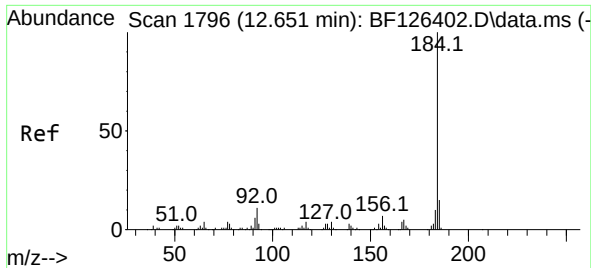


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126487.D
Acq: 5 Jan 2022 1:16



Tgt Ion:240 Resp: 254963
Ion Ratio Lower Upper
240 100
120 14.5 14.4 21.6
236 24.8 20.5 30.7

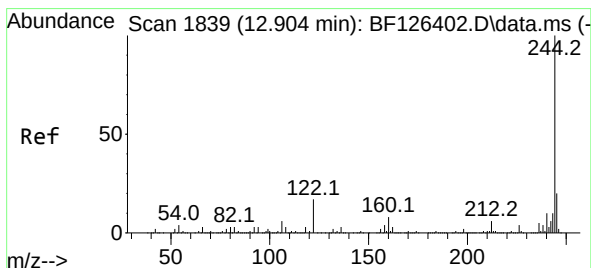
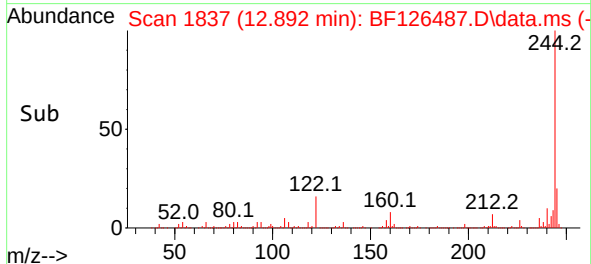
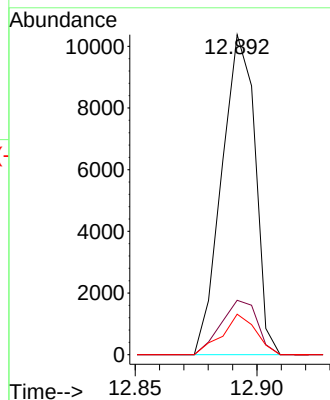
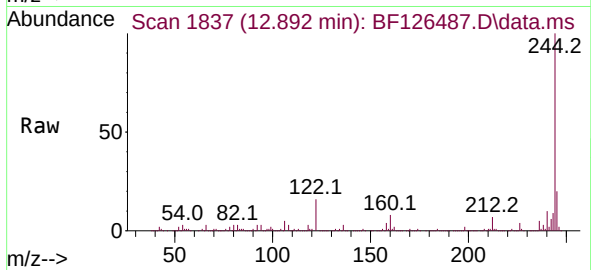




#77
Benzidine
Concen: Below Cal
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF126487.D
Acq: 5 Jan 2022 1:16

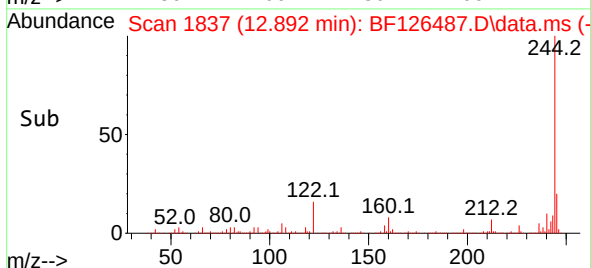
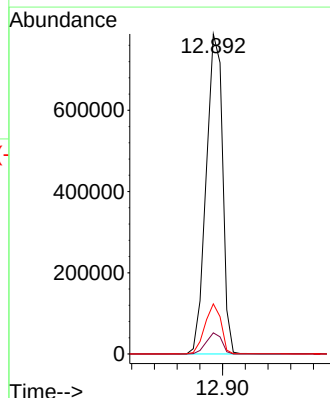
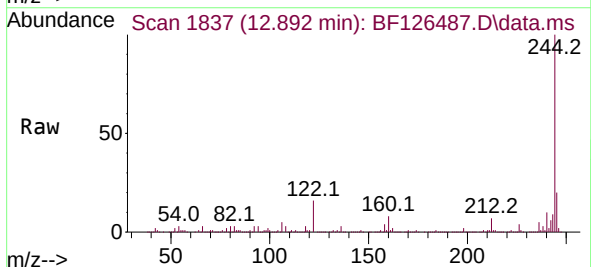
Instrument :
BNA_F
ClientSampleId :
SB-9-(10-15)

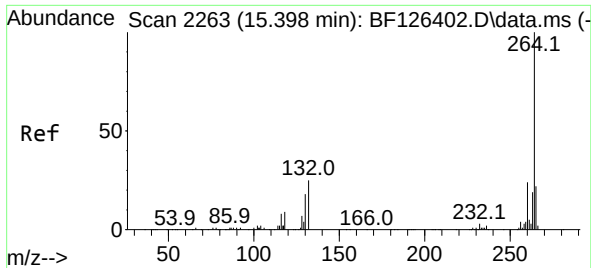
Tgt Ion:184 Resp: 9892
Ion Ratio Lower Upper
184 100
185 17.0 11.8 17.8
183 12.7 8.2 12.2#



#79
Terphenyl-d14
Concen: 59.941 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF126487.D
Acq: 5 Jan 2022 1:16

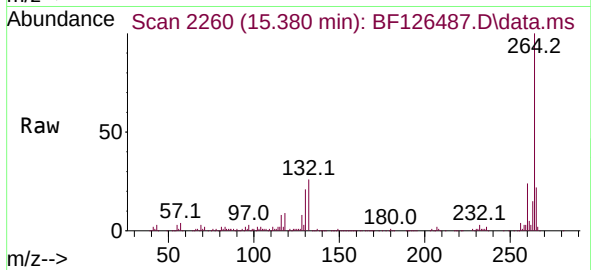
Tgt Ion:244 Resp: 786583
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 15.7 13.3 19.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126487.D
Acq: 5 Jan 2022 1:16

Instrument :
BNA_F
ClientSampleId :
SB-9-(10-15)



Tgt Ion:264 Resp: 218663
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.6 17.4 26.2

