

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126424.D
 Acq On : 30 Dec 2021 17:40
 Operator : JU/CG
 Sample : PB141639TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141639TB

Quant Time: Dec 31 00:37:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

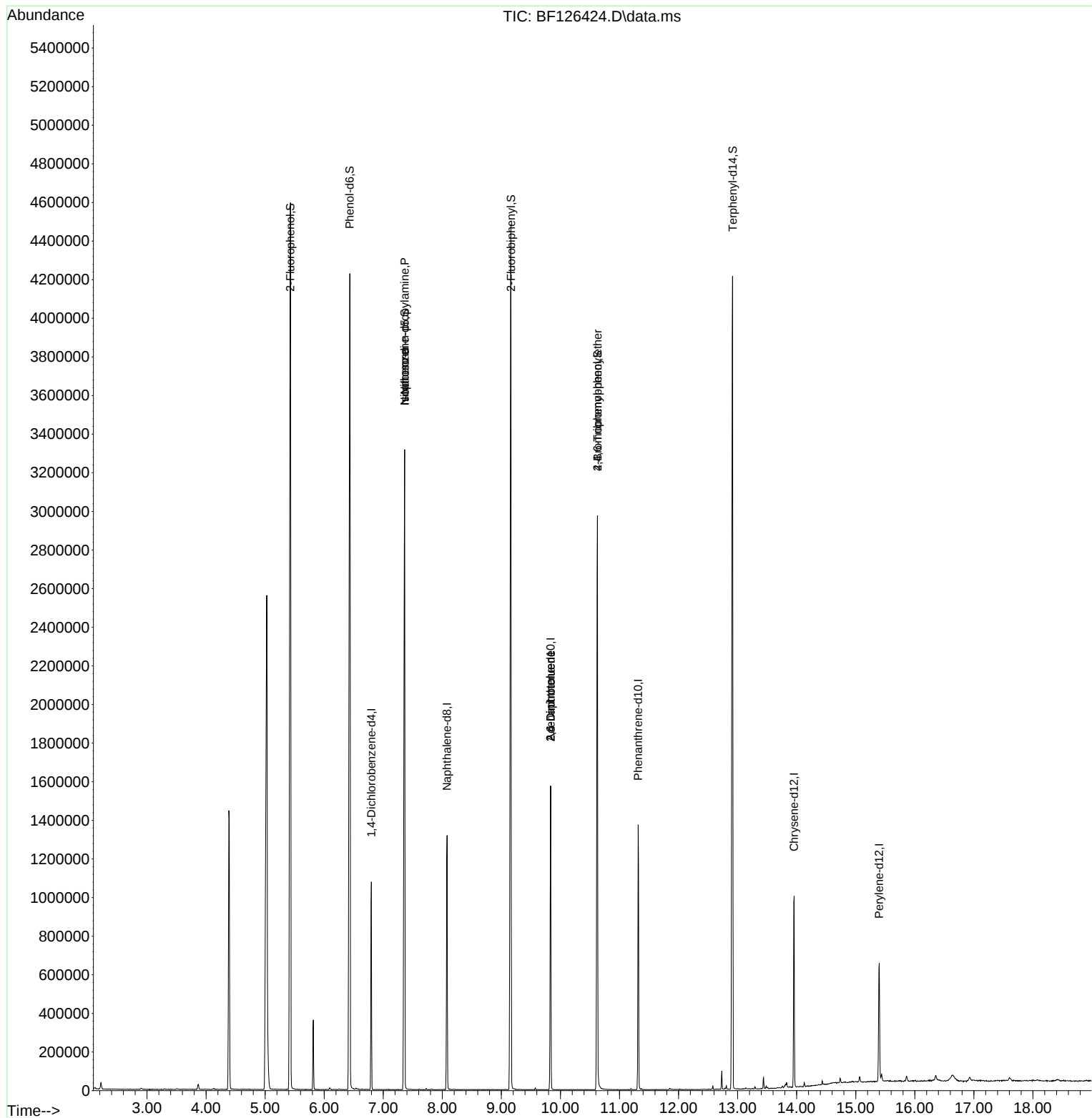
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	148206	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	632385	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	292906	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	482629	20.000	ng	0.00
76) Chrysene-d12	13.957	240	329073	20.000	ng	0.00
86) Perylene-d12	15.398	264	261365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1618899	156.865	ng	0.02
7) Phenol-d6	6.434	99	2082095	155.764	ng	0.00
23) Nitrobenzene-d5	7.363	82	1384182	112.388	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	419622	185.393	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1707454	102.581	ng	0.00
79) Terphenyl-d14	12.915	244	1710585	100.998	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	179500	23.533	ng	# 78
25) Isophorone	7.363	82	1375494	62.387	ng	# 69
51) 2,6-Dinitrotoluene	9.833	165	37870	9.590	ng	# 21
57) 2,4-Dinitrotoluene	9.833	165	37870	7.433	ng	# 15
67) 4-Bromophenyl-phenylether	10.627	248	21397	4.995	ng	# 1
77) Benzidine	12.915	184	21908	Below Cal		96

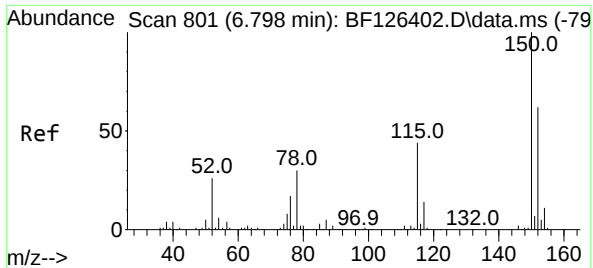
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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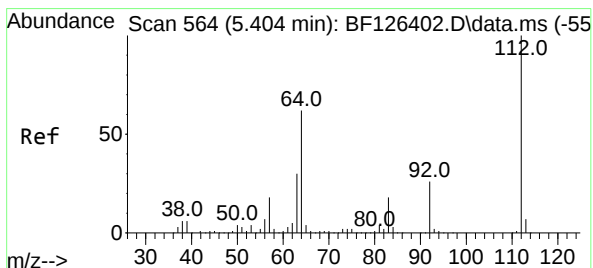
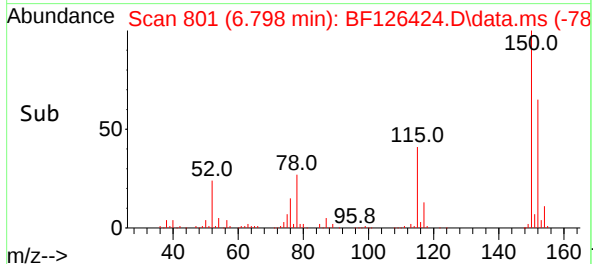
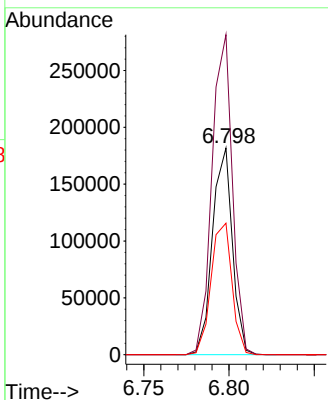
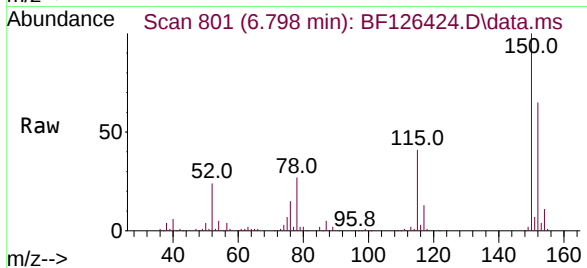




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

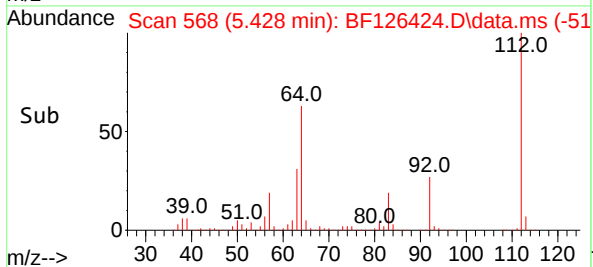
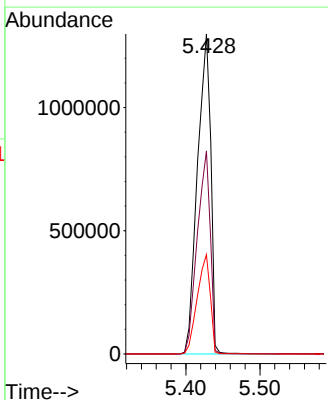
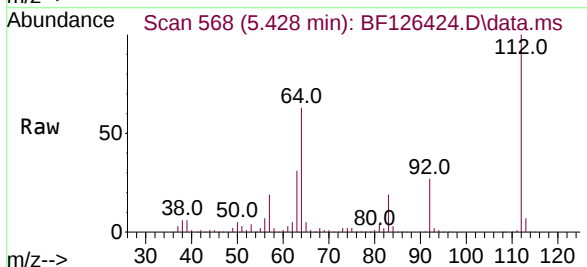
Instrument :
BNA_F
ClientSampleId :
PB141639TB

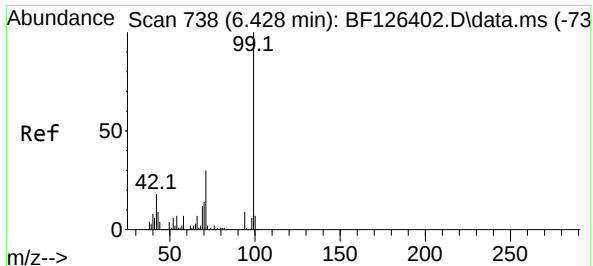
Tgt Ion:152 Resp: 148206
Ion Ratio Lower Upper
152 100
150 155.0 128.1 192.1
115 63.7 56.7 85.1



#5
2-Fluorophenol
Concen: 156.865 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.024 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

Tgt Ion:112 Resp: 1618899
Ion Ratio Lower Upper
112 100
64 63.4 49.5 74.3
63 31.0 23.9 35.9

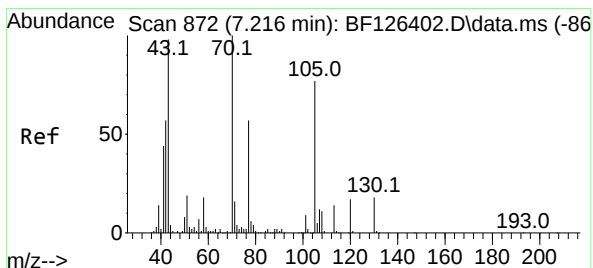
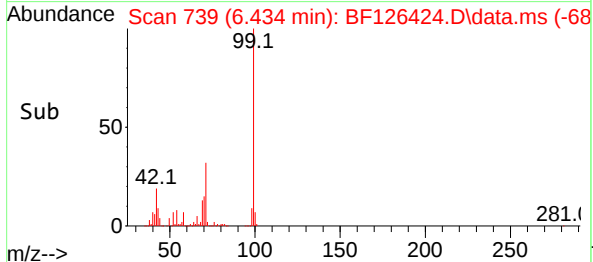
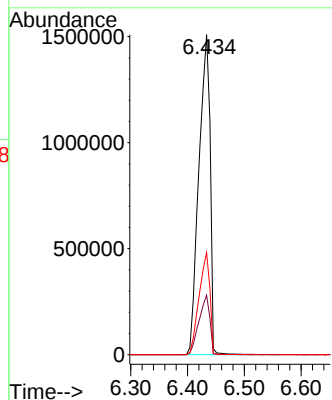
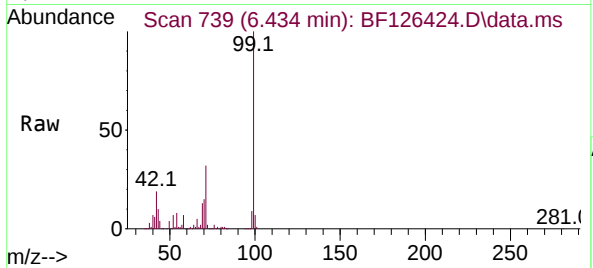




#7
Phenol-d6
Concen: 155.764 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

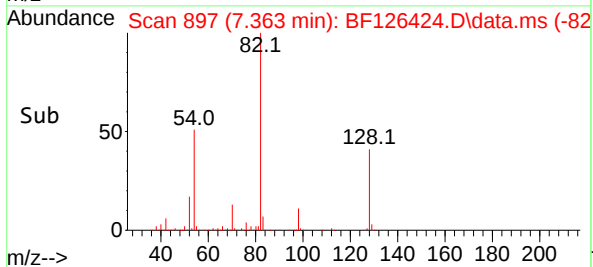
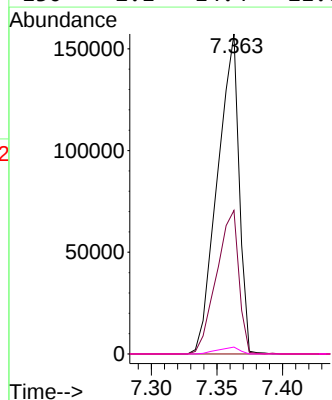
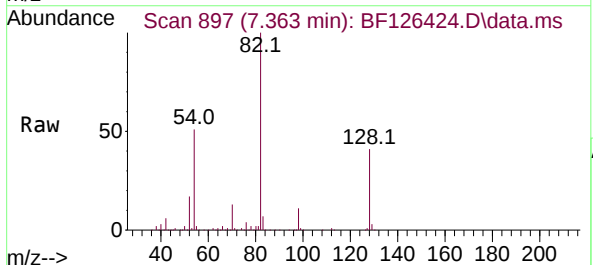
Instrument :
BNA_F
ClientSampleId :
PB141639TB

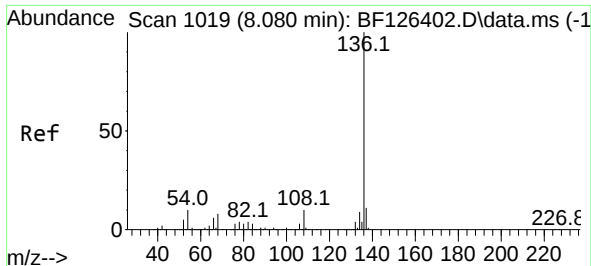
Tgt Ion: 99 Resp: 2082095
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 31.9 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 23.533 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.147 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

Tgt Ion: 70 Resp: 179500
Ion Ratio Lower Upper
70 100
42 44.9 45.8 68.8#
101 0.0 6.9 10.3#
130 2.1 14.4 21.6#

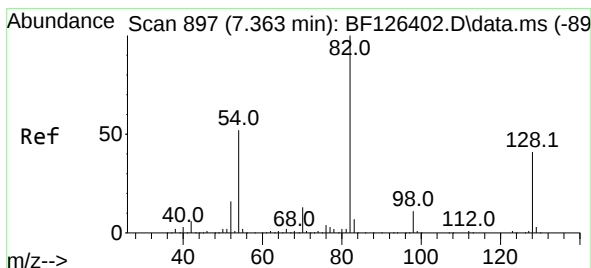
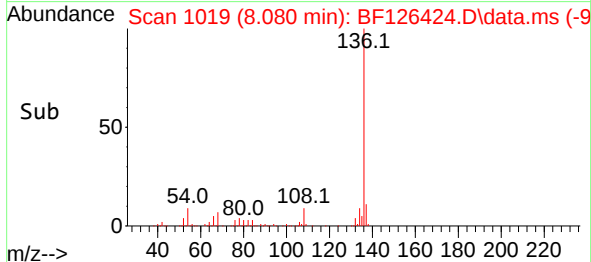
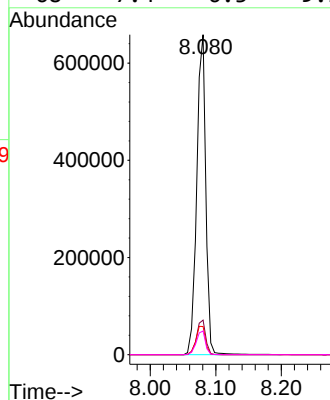
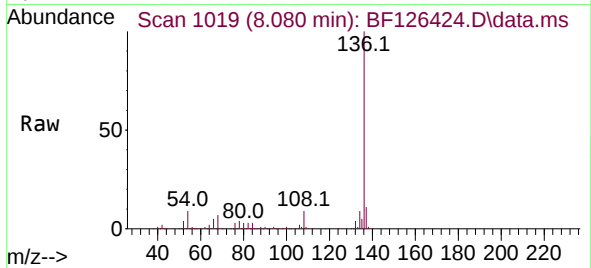




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

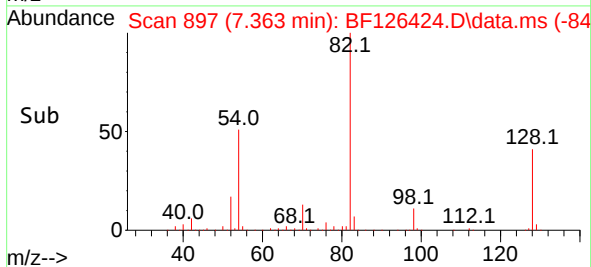
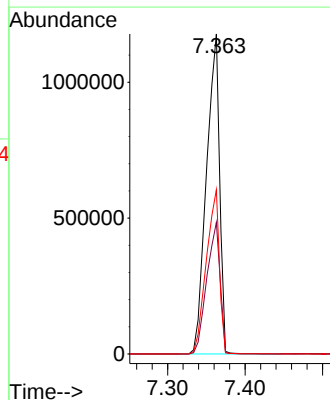
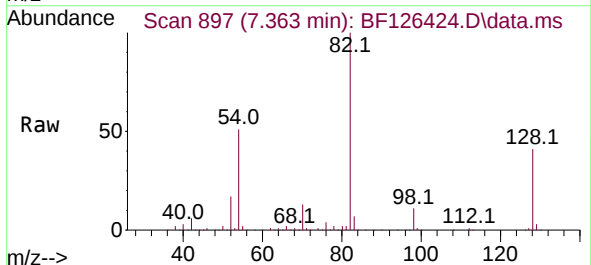
Instrument :
BNA_F
ClientSampleId :
PB141639TB

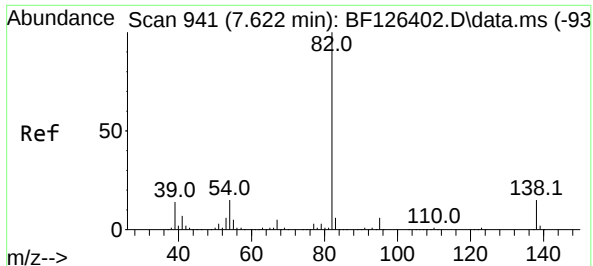
Tgt Ion:136 Resp: 632385
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.8 7.8 11.6
68 7.4 6.3 9.5



#23
Nitrobenzene-d5
Concen: 112.388 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

Tgt Ion: 82 Resp: 1384182
Ion Ratio Lower Upper
82 100
128 41.1 32.7 49.1
54 51.3 41.7 62.5

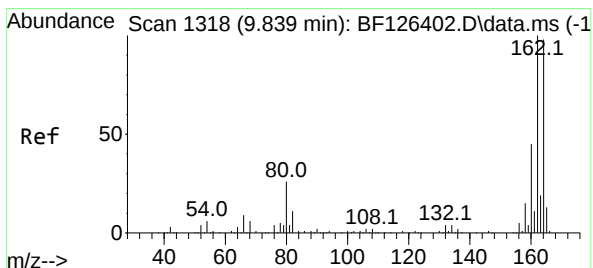
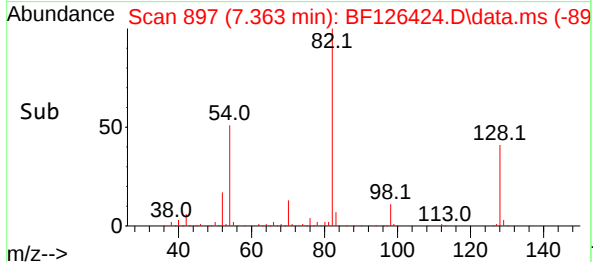
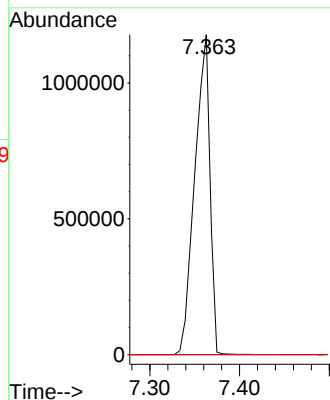
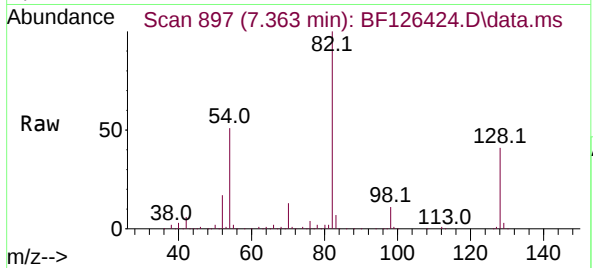




#25
Isophorone
Concen: 62.387 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

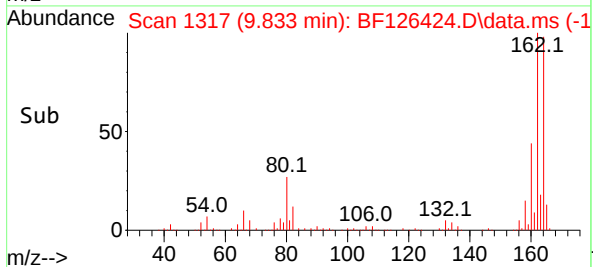
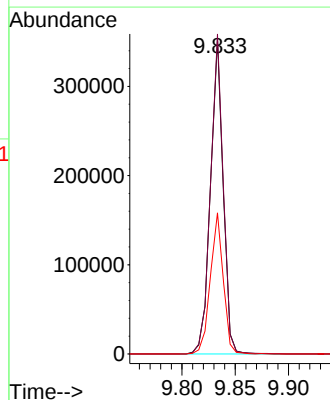
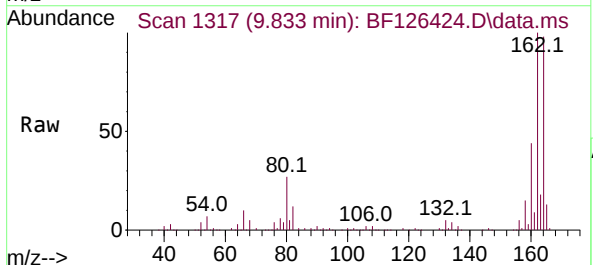
Instrument :
BNA_F
ClientSampleId :
PB141639TB

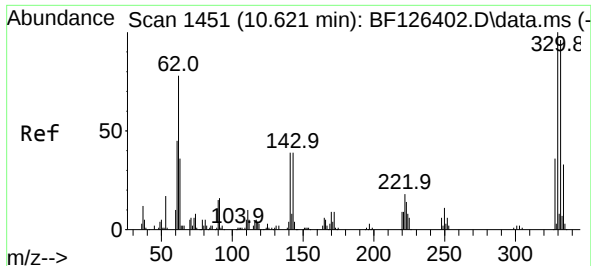
Tgt Ion: 82 Resp: 1375494
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

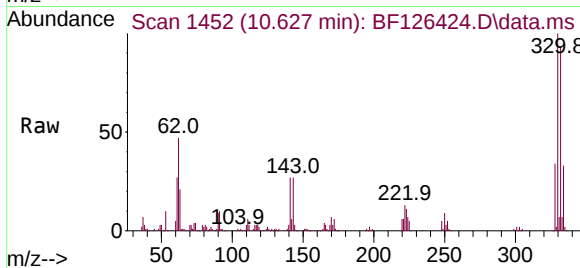
Tgt Ion:164 Resp: 292906
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 44.9 36.6 54.8



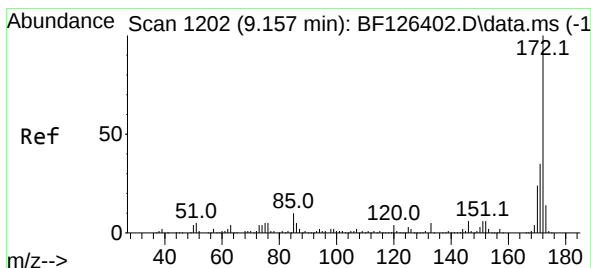
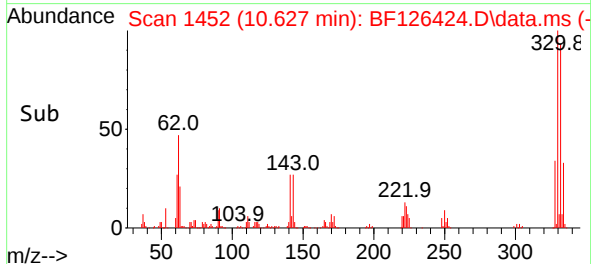
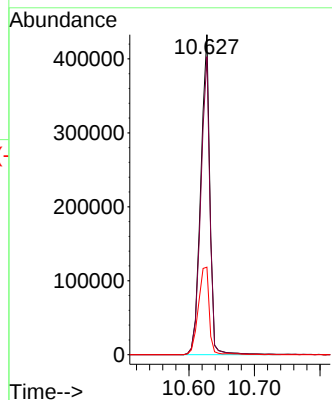


#42
2,4,6-Tribromophenol
Concen: 185.393 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

Instrument :
BNA_F
ClientSampleId :
PB141639TB

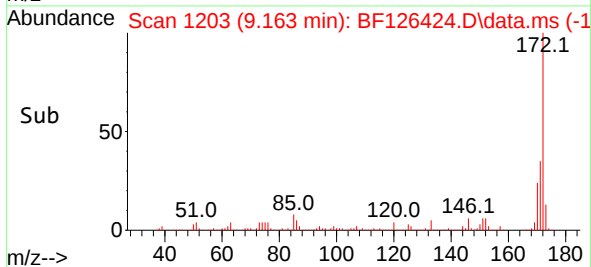
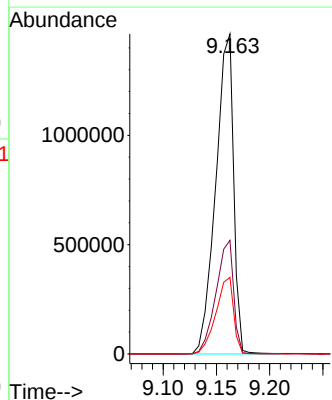
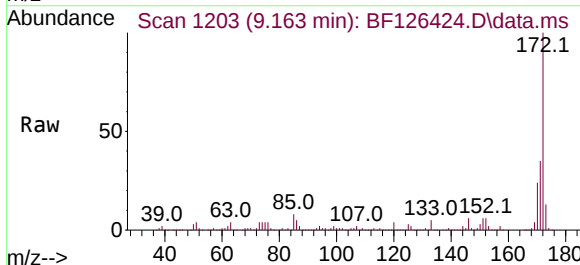


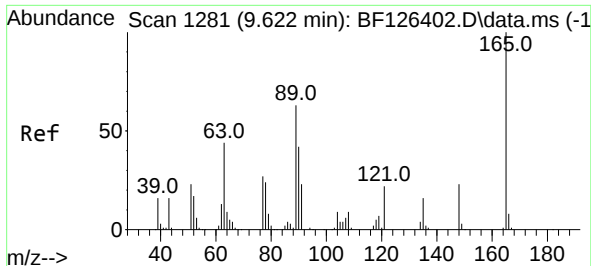
Tgt Ion:330 Resp: 419622
Ion Ratio Lower Upper
330 100
332 93.7 76.0 114.0
141 32.7 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 102.581 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

Tgt Ion:172 Resp: 1707454
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.9 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 9.590 ng

RT: 9.833 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF126424.D

Acq: 30 Dec 2021 17:40

Instrument :

BNA_F

ClientSampleId :

PB141639TB

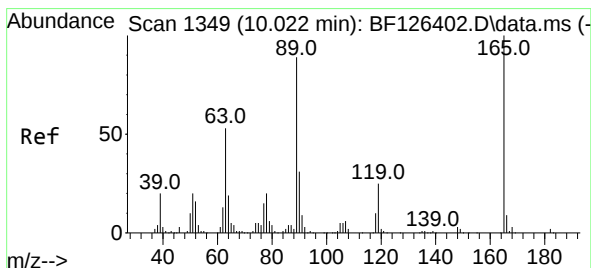
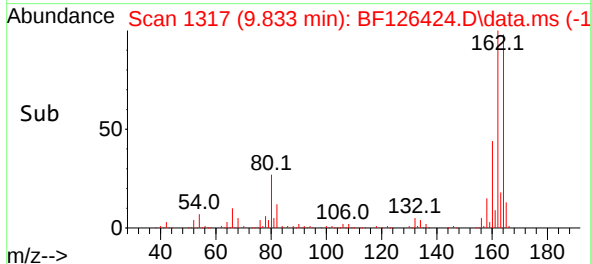
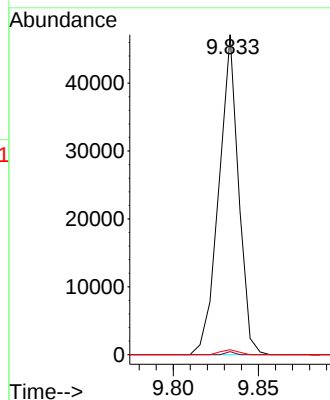
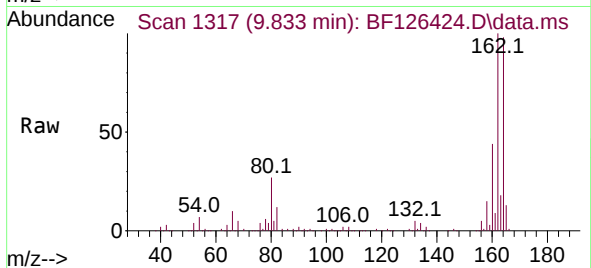
Tgt Ion:165 Resp: 37870

Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.6 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 7.433 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.188 min

Lab File: BF126424.D

Acq: 30 Dec 2021 17:40

Tgt Ion:165 Resp: 37870

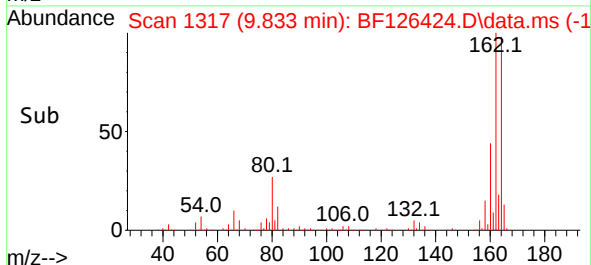
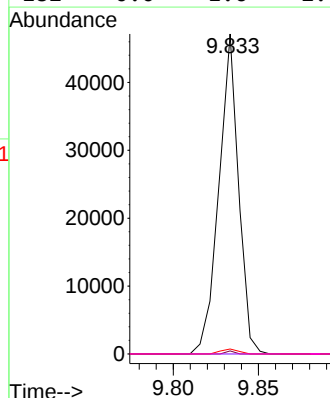
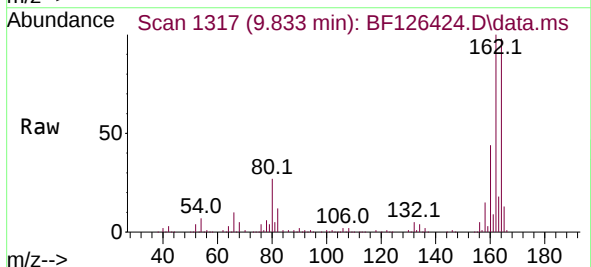
Ion Ratio Lower Upper

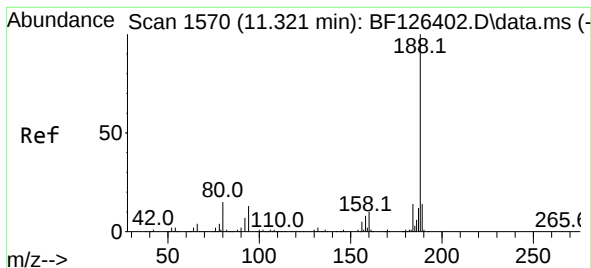
165 100

63 1.0 43.0 64.6#

89 1.6 71.0 106.4#

182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126424.D

Acq: 30 Dec 2021 17:40

Instrument :

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ClientSampleId :

PB141639TB

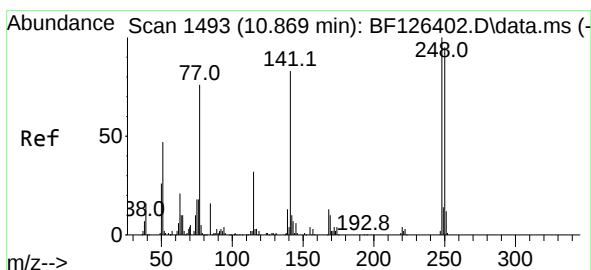
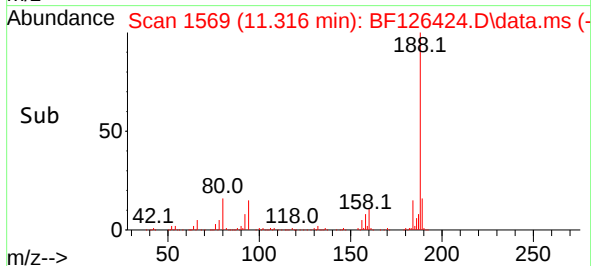
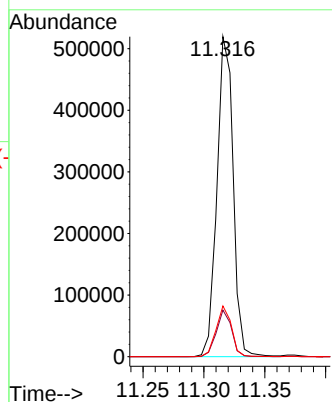
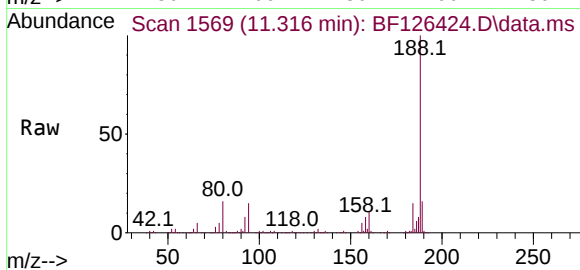
Tgt Ion:188 Resp: 482629

Ion Ratio Lower Upper

188 100

94 14.6 10.1 15.1

80 15.9 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 4.995 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.241 min

Lab File: BF126424.D

Acq: 30 Dec 2021 17:40

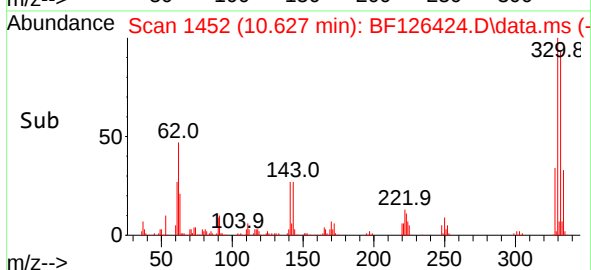
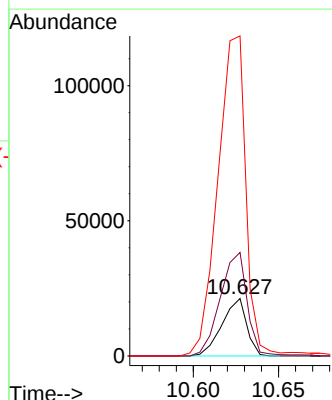
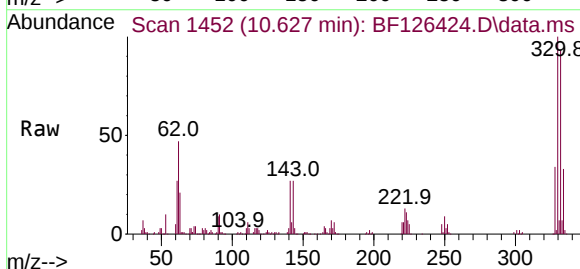
Tgt Ion:248 Resp: 21397

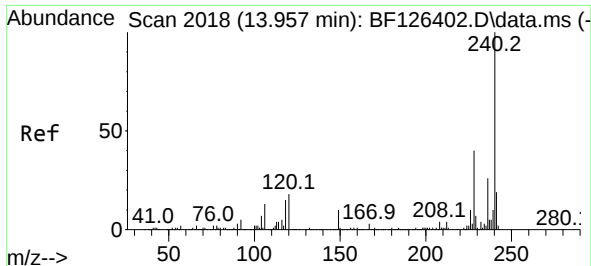
Ion Ratio Lower Upper

248 100

250 180.1 76.2 114.4#

141 556.5 66.2 99.4#

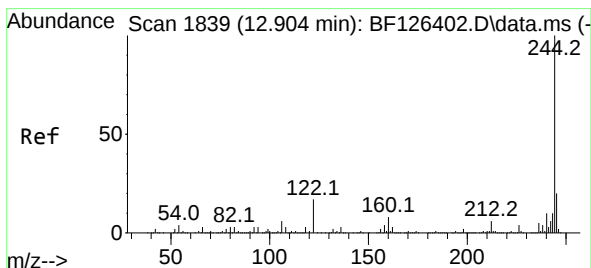
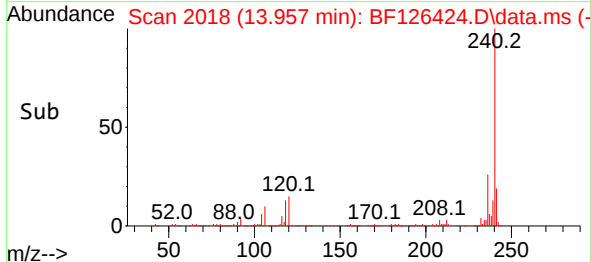
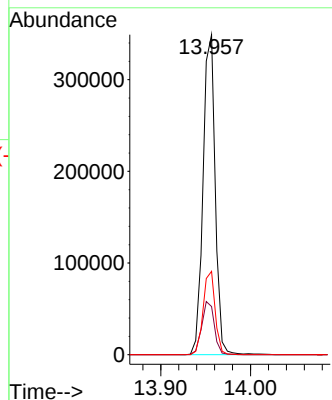
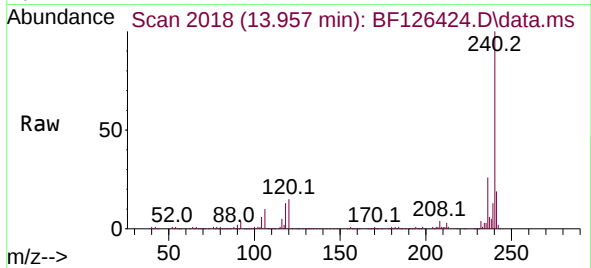




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

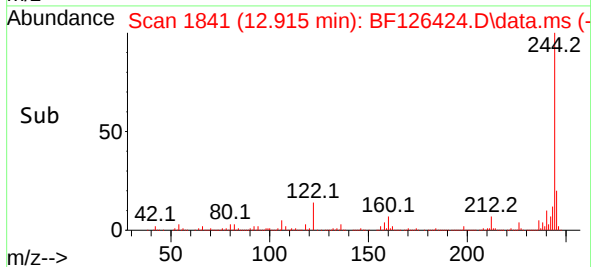
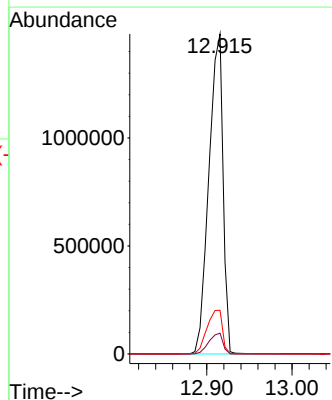
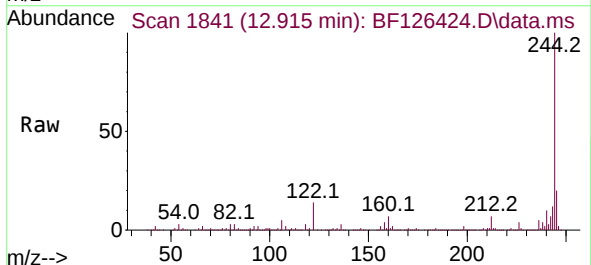
Instrument :
BNA_F
ClientSampleId :
PB141639TB

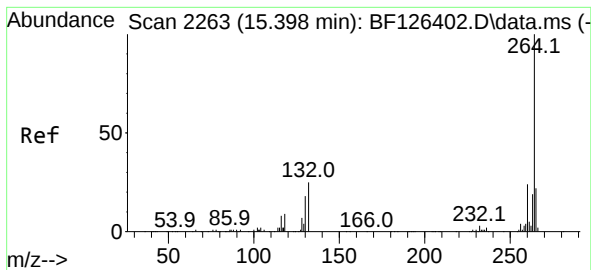
Tgt Ion:240 Resp: 329073
Ion Ratio Lower Upper
240 100
120 15.0 14.4 21.6
236 26.1 20.5 30.7



#79
Terphenyl-d14
Concen: 100.998 ng
RT: 12.915 min Scan# 1841
Delta R.T. 0.012 min
Lab File: BF126424.D
Acq: 30 Dec 2021 17:40

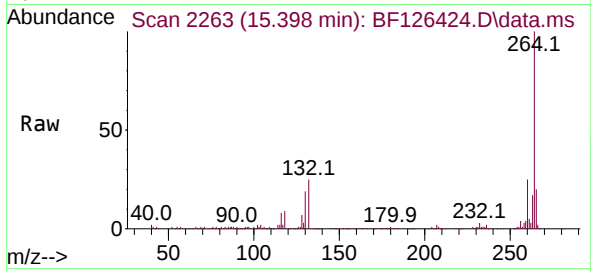
Tgt Ion:244 Resp: 1710585
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 13.6 13.3 19.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126424.D
 Acq: 30 Dec 2021 17:40

Instrument :
 BNA_F
 ClientSampleId :
 PB141639TB



Tgt Ion:264 Resp: 261365
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 20.3 17.4 26.2

