

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
 Data File : BF126379.D
 Acq On : 28 Dec 2021 13:48
 Operator : JU/CG
 Sample : PB141705BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141705BL

Quant Time: Dec 28 14:59:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

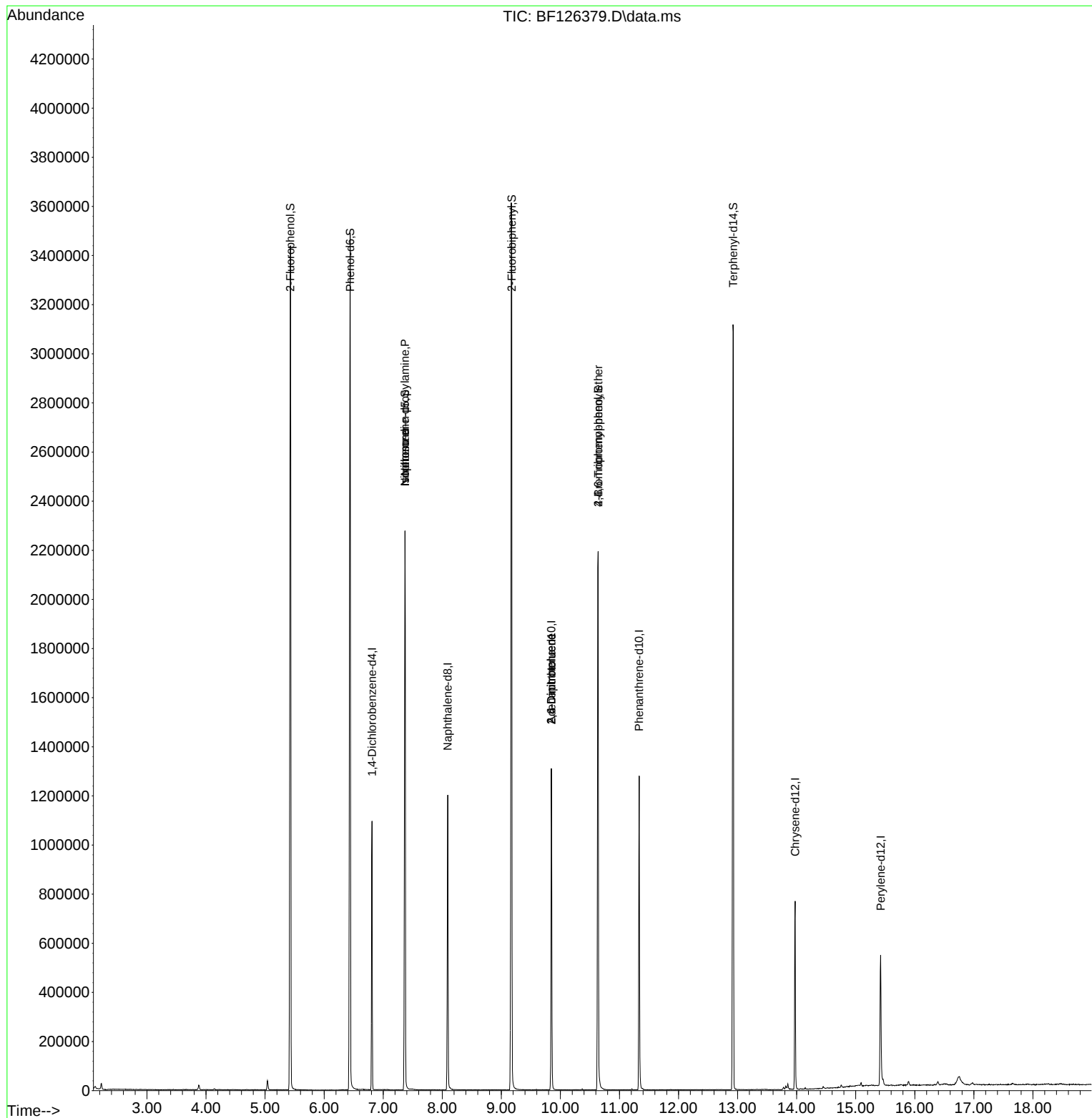
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	152849	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	580202	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	278005	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	462566	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	272399	20.000	ng	0.00
86) Perylene-d12	15.421	264	244384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1082522	104.297	ng	0.00
7) Phenol-d6	6.440	99	1458367	110.659	ng	0.00
23) Nitrobenzene-d5	7.369	82	915158	85.426	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	301555	134.974	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1273763	80.359	ng	0.00
79) Terphenyl-d14	12.927	244	1199313	76.526	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.369	70	116645	14.418	ng	# 55
25) Isophorone	7.369	82	915144	45.236	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	35976	9.438	ng	# 27
57) 2,4-Dinitrotoluene	9.845	165	35976	7.399	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	15546	3.581	ng	# 1

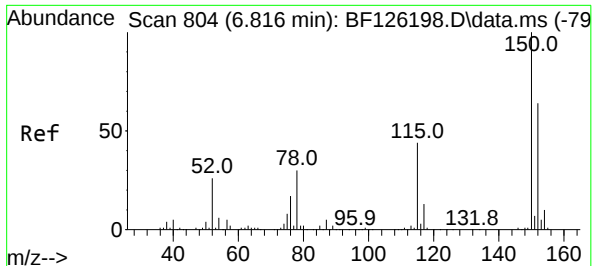
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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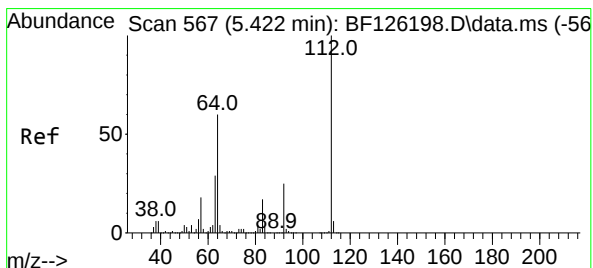
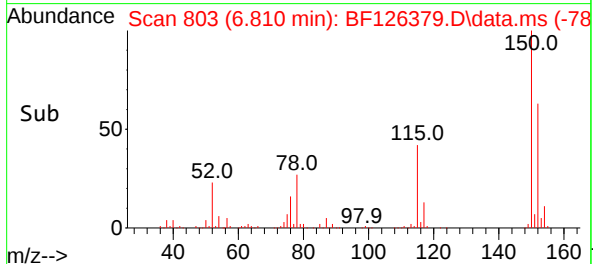
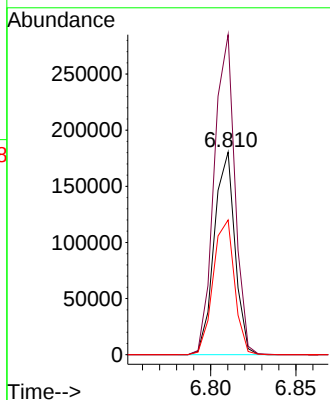
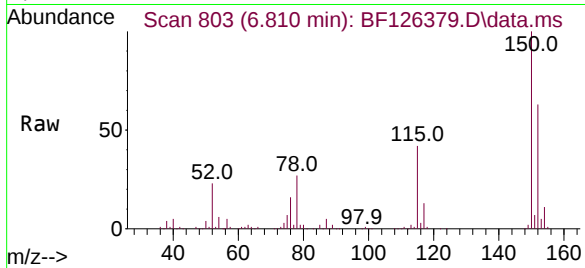




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126379.D
Acq: 28 Dec 2021 13:48

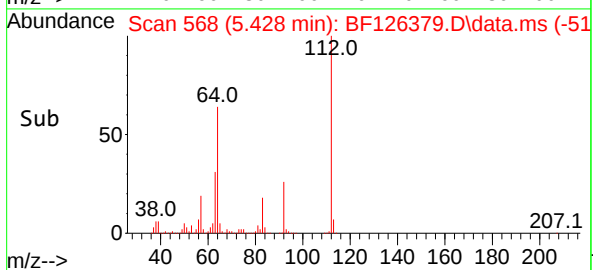
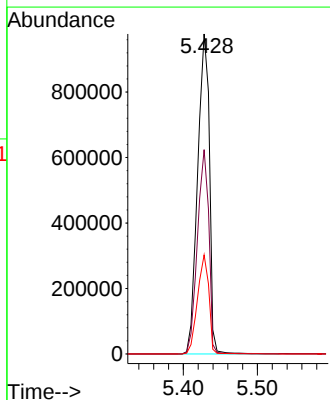
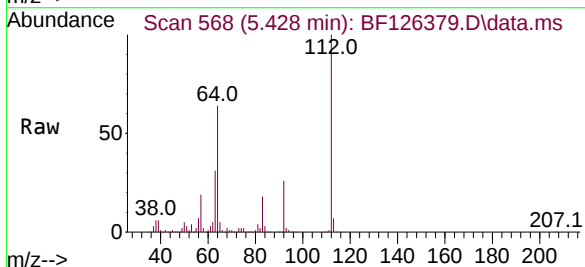
Instrument :
BNA_F
ClientSampleId :
PB141705BL

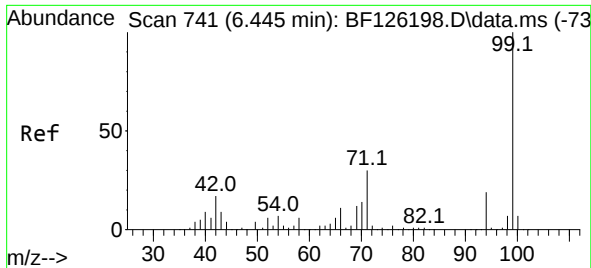
Tgt Ion:152 Resp: 152849
Ion Ratio Lower Upper
152 100
150 157.9 117.6 176.4
115 66.5 47.1 70.7



#5
2-Fluorophenol
Concen: 104.297 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF126379.D
Acq: 28 Dec 2021 13:48

Tgt Ion:112 Resp: 1082522
Ion Ratio Lower Upper
112 100
64 63.9 44.2 66.2
63 30.9 26.2 39.2

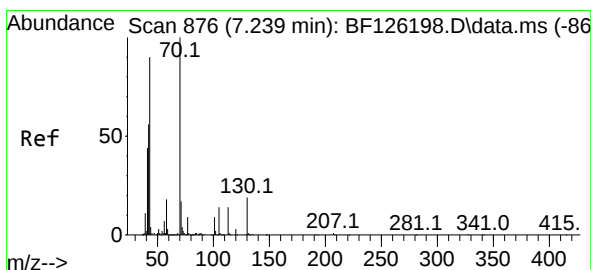
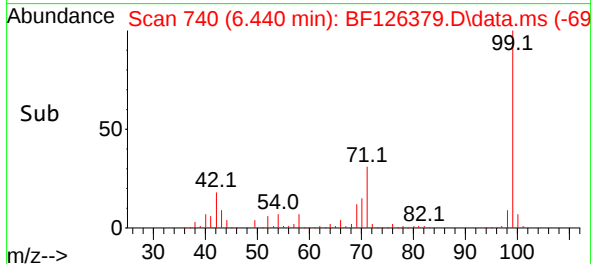
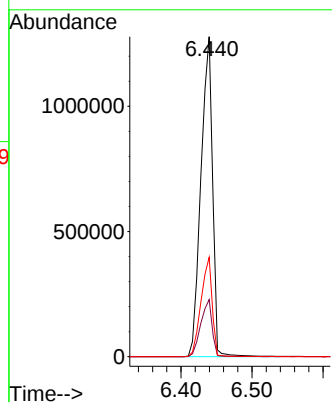
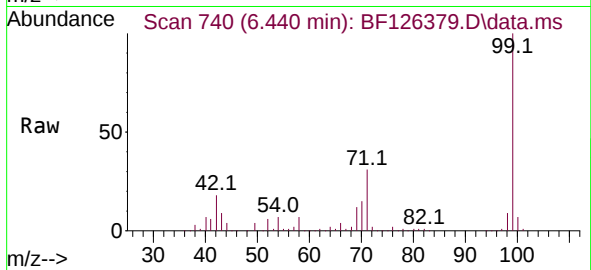




#7
Phenol-d6
Concen: 110.659 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126379.D
Acq: 28 Dec 2021 13:48

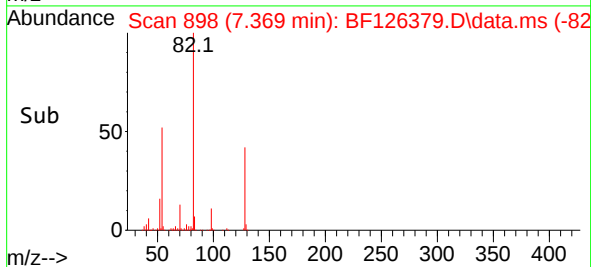
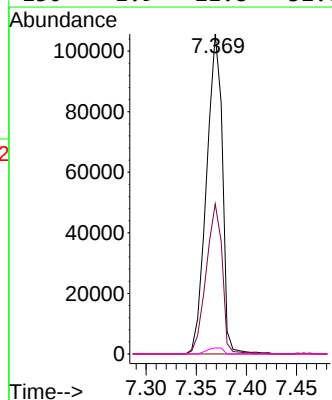
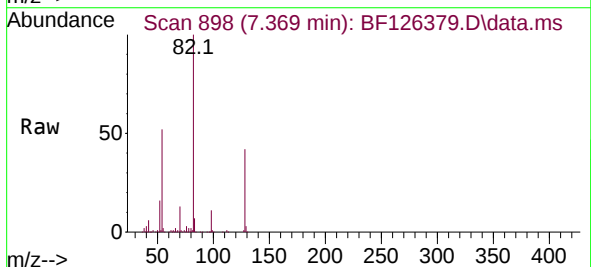
Instrument :
BNA_F
ClientSampleId :
PB141705BL

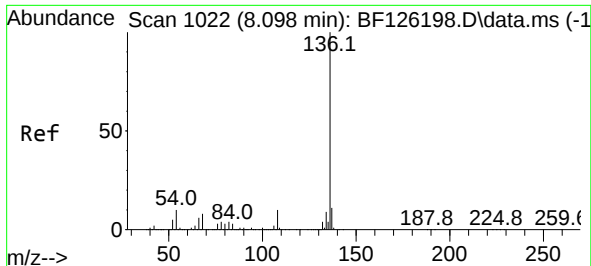
Tgt Ion: 99 Resp: 1458367
Ion Ratio Lower Upper
99 100
42 17.8 23.5 35.3#
71 31.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.418 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.135 min
Lab File: BF126379.D
Acq: 28 Dec 2021 13:48

Tgt Ion: 70 Resp: 116645
Ion Ratio Lower Upper
70 100
42 46.9 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

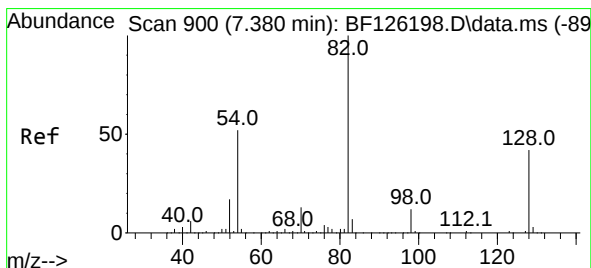
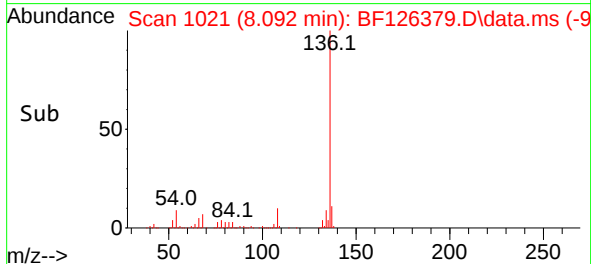
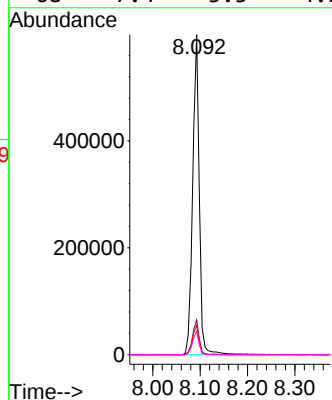
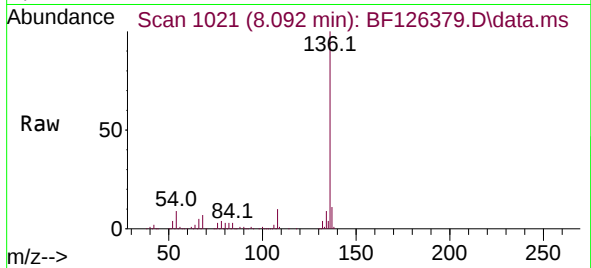




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF126379.D
Acq: 28 Dec 2021 13:48

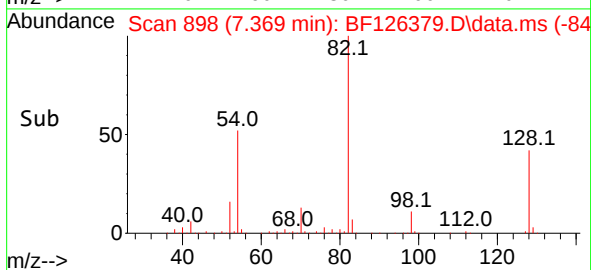
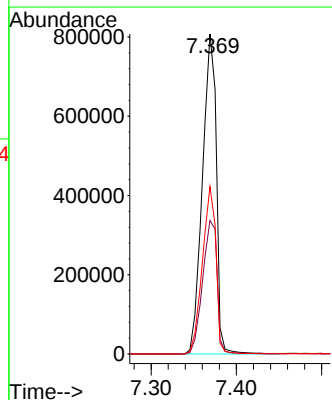
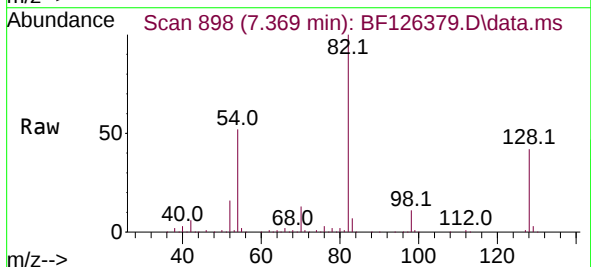
Instrument :
BNA_F
ClientSampleId :
PB141705BL

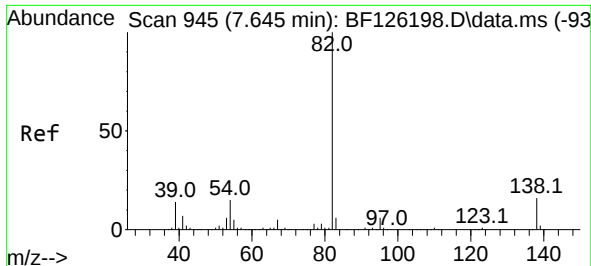
Tgt Ion:136 Resp: 580202
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.2 6.4 9.6
68 7.4 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 85.426 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126379.D
Acq: 28 Dec 2021 13:48

Tgt Ion: 82 Resp: 915158
Ion Ratio Lower Upper
82 100
128 41.7 40.6 60.8
54 52.3 49.6 74.4

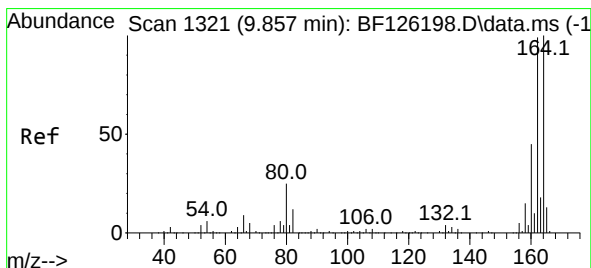
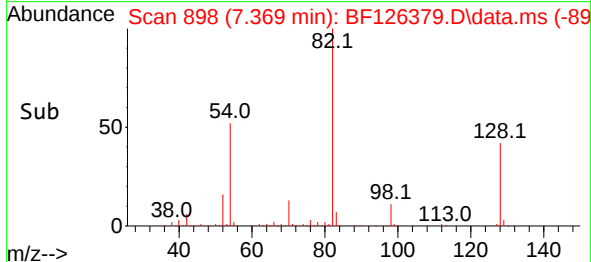
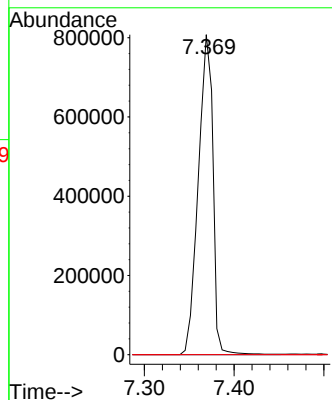
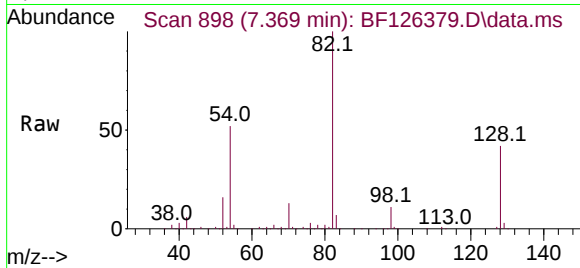




#25
Isophorone
Concen: 45.236 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF126379.D
Acq: 28 Dec 2021 13:48

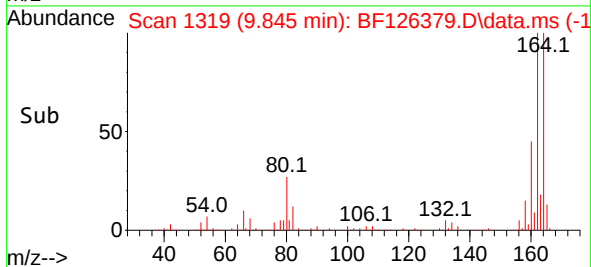
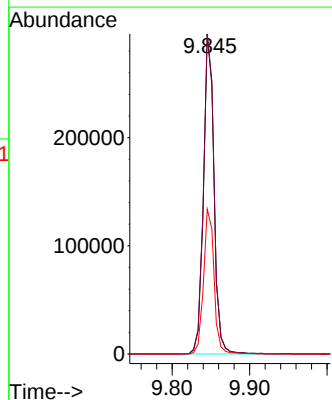
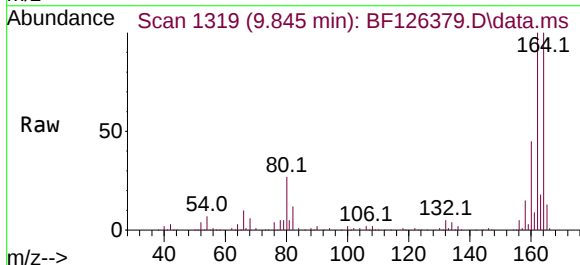
Instrument :
BNA_F
ClientSampleId :
PB141705BL

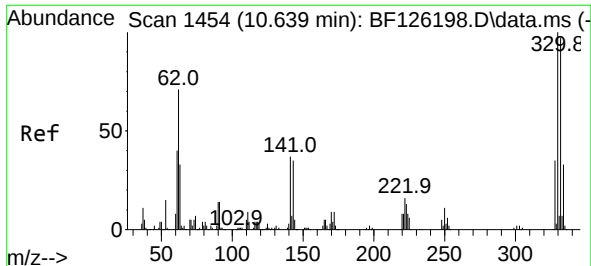
Tgt Ion: 82 Resp: 915144
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF126379.D
Acq: 28 Dec 2021 13:48

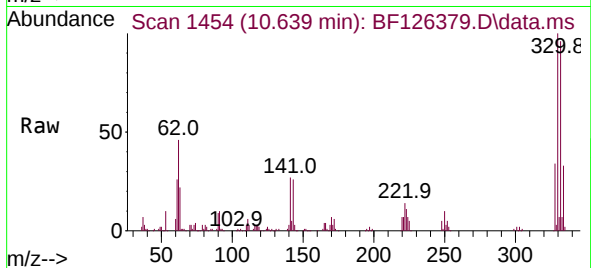
Tgt Ion:164 Resp: 278005
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 45.3 38.0 57.0



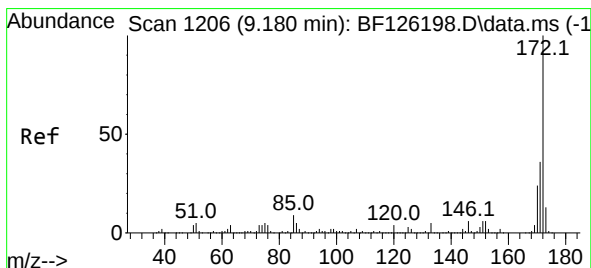
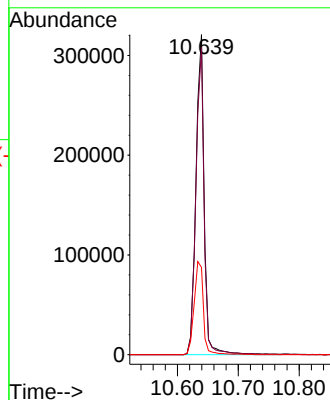
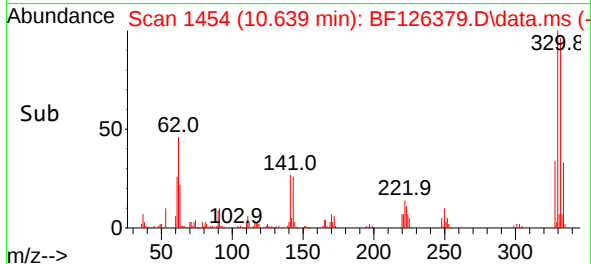


#42
2,4,6-Tribromophenol
Concen: 134.974 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF126379.D
Acq: 28 Dec 2021 13:48

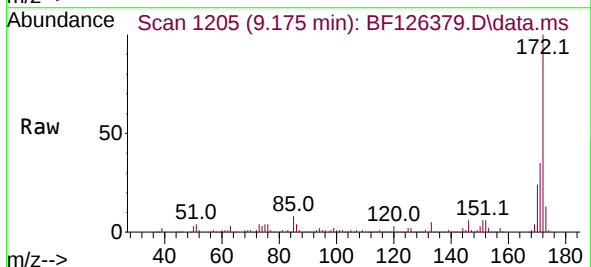
Instrument :
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ClientSampleId :
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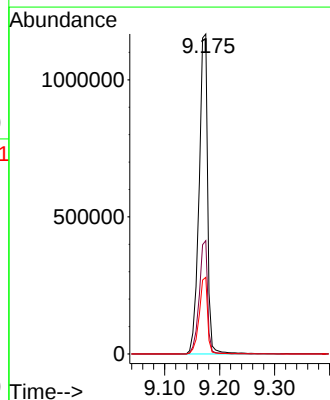
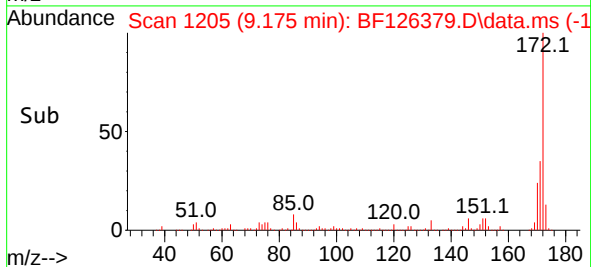
Tgt Ion:330 Resp: 301555
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 32.6 44.6 66.8#

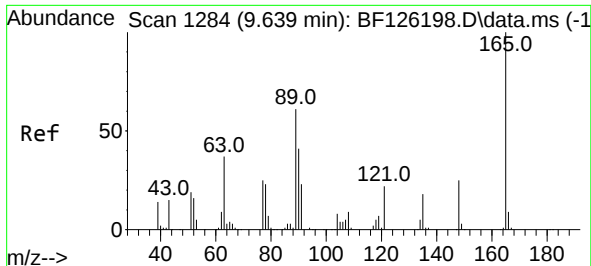


#45
2-Fluorobiphenyl
Concen: 80.359 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126379.D
Acq: 28 Dec 2021 13:48



Tgt Ion:172 Resp: 1273763
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.0 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.438 ng

RT: 9.845 min Scan# 1319

Delta R.T. 0.206 min

Lab File: BF126379.D

Acq: 28 Dec 2021 13:48

Instrument :

BNA_F

ClientSampleId :

PB141705BL

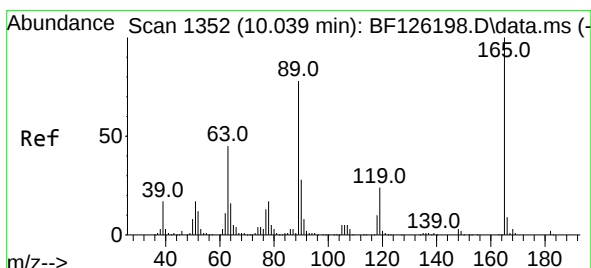
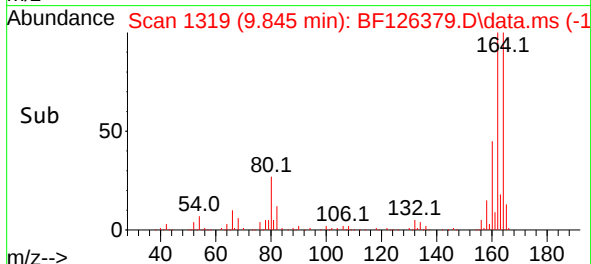
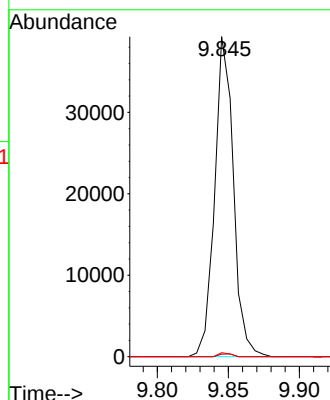
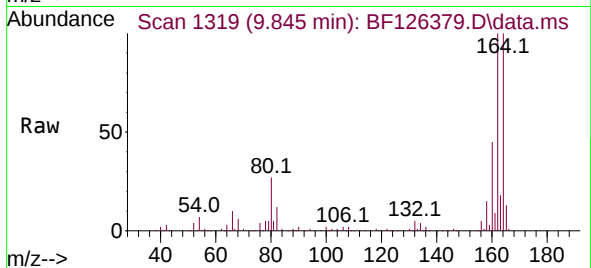
Tgt Ion:165 Resp: 35976

Ion Ratio Lower Upper

165 100

63 0.8 42.6 63.8#

89 1.2 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 7.399 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.194 min

Lab File: BF126379.D

Acq: 28 Dec 2021 13:48

Tgt Ion:165 Resp: 35976

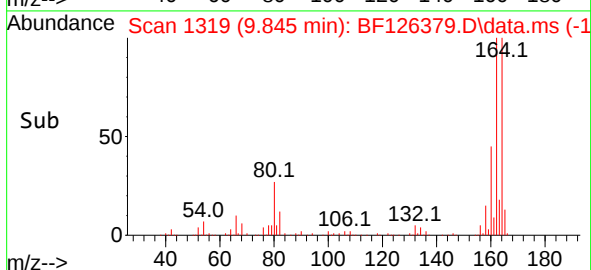
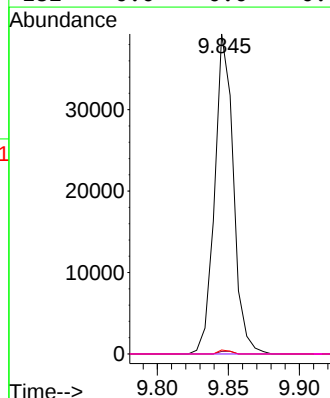
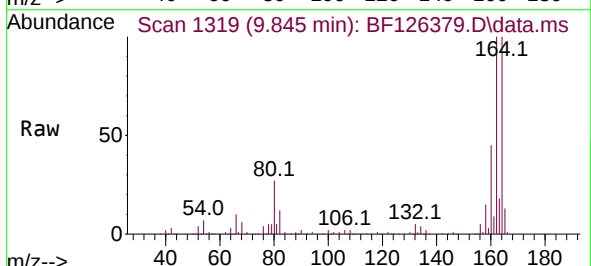
Ion Ratio Lower Upper

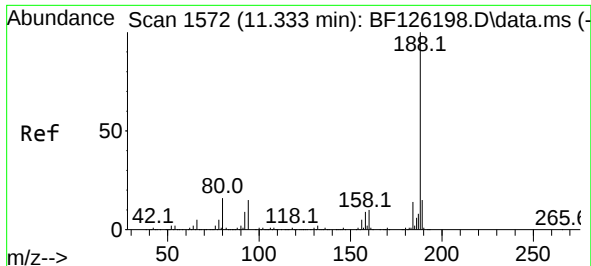
165 100

63 0.8 40.9 61.3#

89 1.2 59.7 89.5#

182 0.0 0.0 0.0

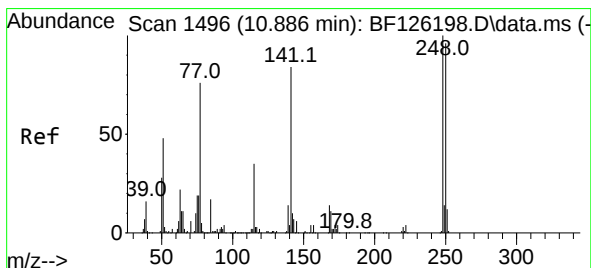
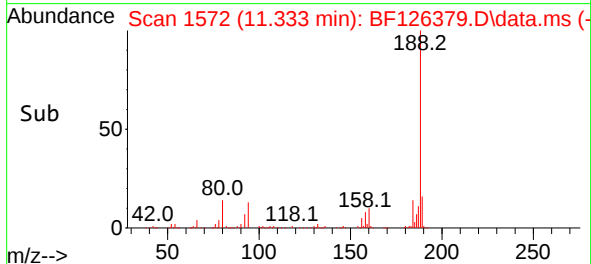
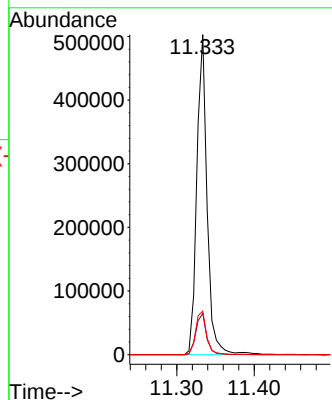
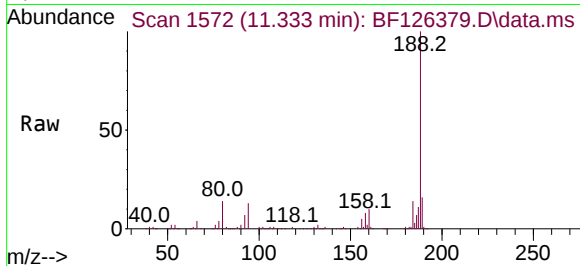




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126379.D
Acq: 28 Dec 2021 13:48

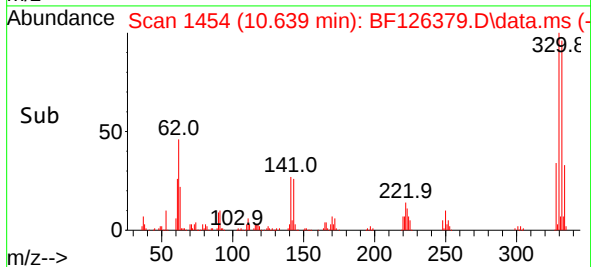
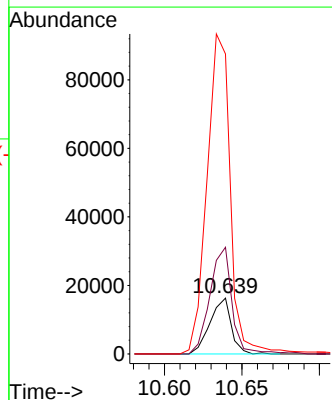
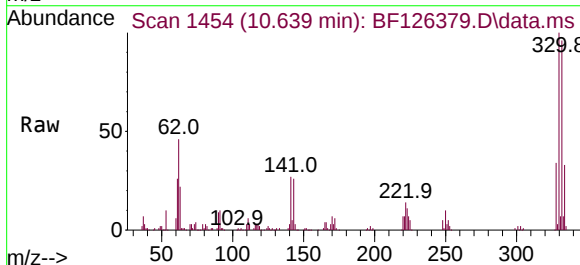
Instrument :
BNA_F
ClientSampleId :
PB141705BL

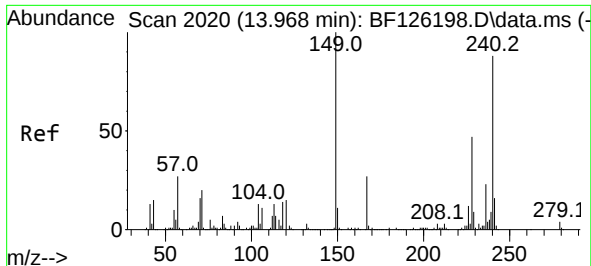
Tgt Ion:188 Resp: 462566
Ion Ratio Lower Upper
188 100
94 12.8 6.7 10.1#
80 13.6 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.581 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126379.D
Acq: 28 Dec 2021 13:48

Tgt Ion:248 Resp: 15546
Ion Ratio Lower Upper
248 100
250 191.4 74.2 111.4#
141 537.9 60.4 90.6#

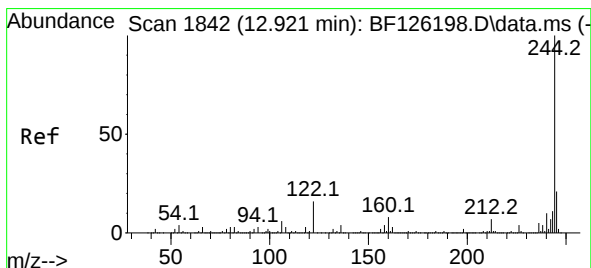
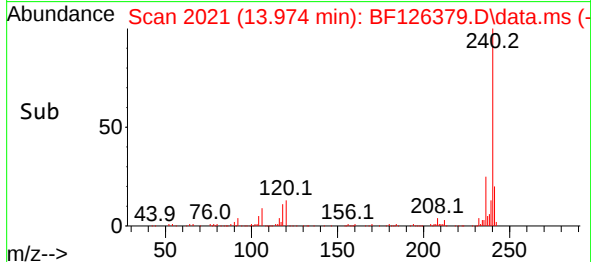
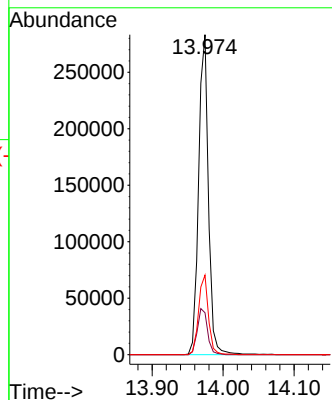
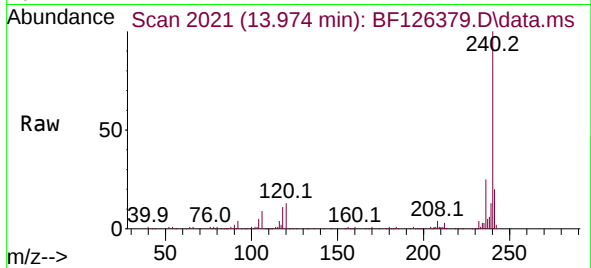




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126379.D
Acq: 28 Dec 2021 13:48

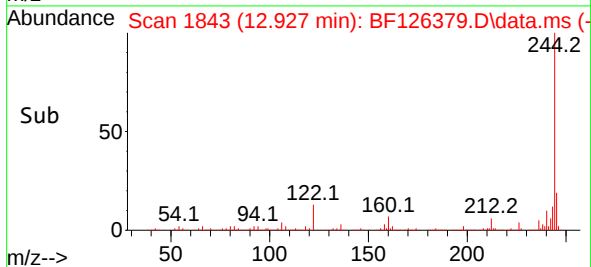
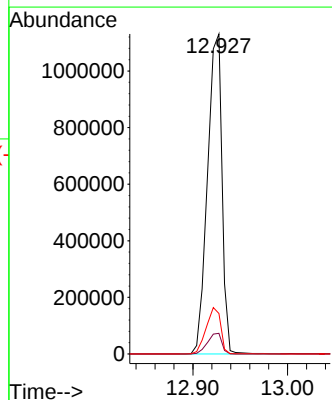
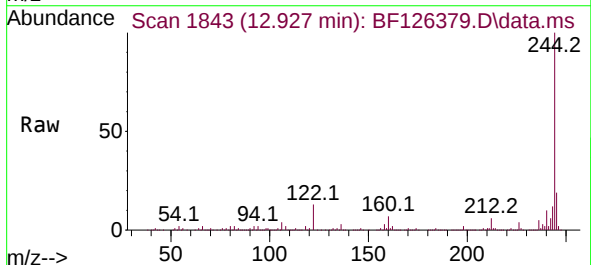
Instrument :
BNA_F
ClientSampleId :
PB141705BL

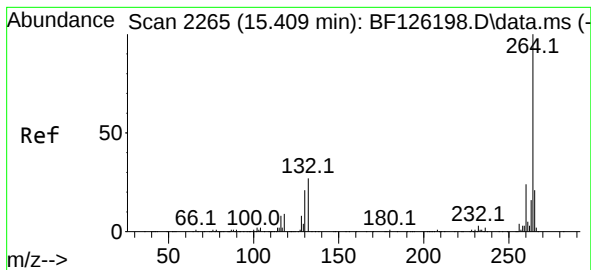
Tgt Ion:240 Resp: 272399
Ion Ratio Lower Upper
240 100
120 13.1 10.8 16.2
236 24.8 21.6 32.4



#79
Terphenyl-d14
Concen: 76.526 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF126379.D
Acq: 28 Dec 2021 13:48

Tgt Ion:244 Resp: 1199313
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 12.7 9.0 13.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF126379.D

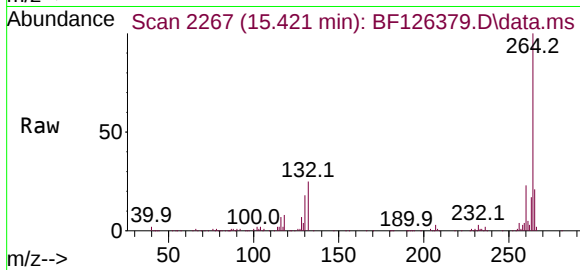
Acq: 28 Dec 2021 13:48

Instrument :

BNA_F

ClientSampleId :

PB141705BL



Tgt Ion:264 Resp: 244384

Ion Ratio Lower Upper

264 100

260 23.3 19.6 29.4

265 20.6 17.2 25.8

