

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
 Data File : BF126252.D
 Acq On : 18 Dec 2021 14:05
 Operator : JU/CG
 Sample : M5168-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-C

Quant Time: Dec 20 08:02:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

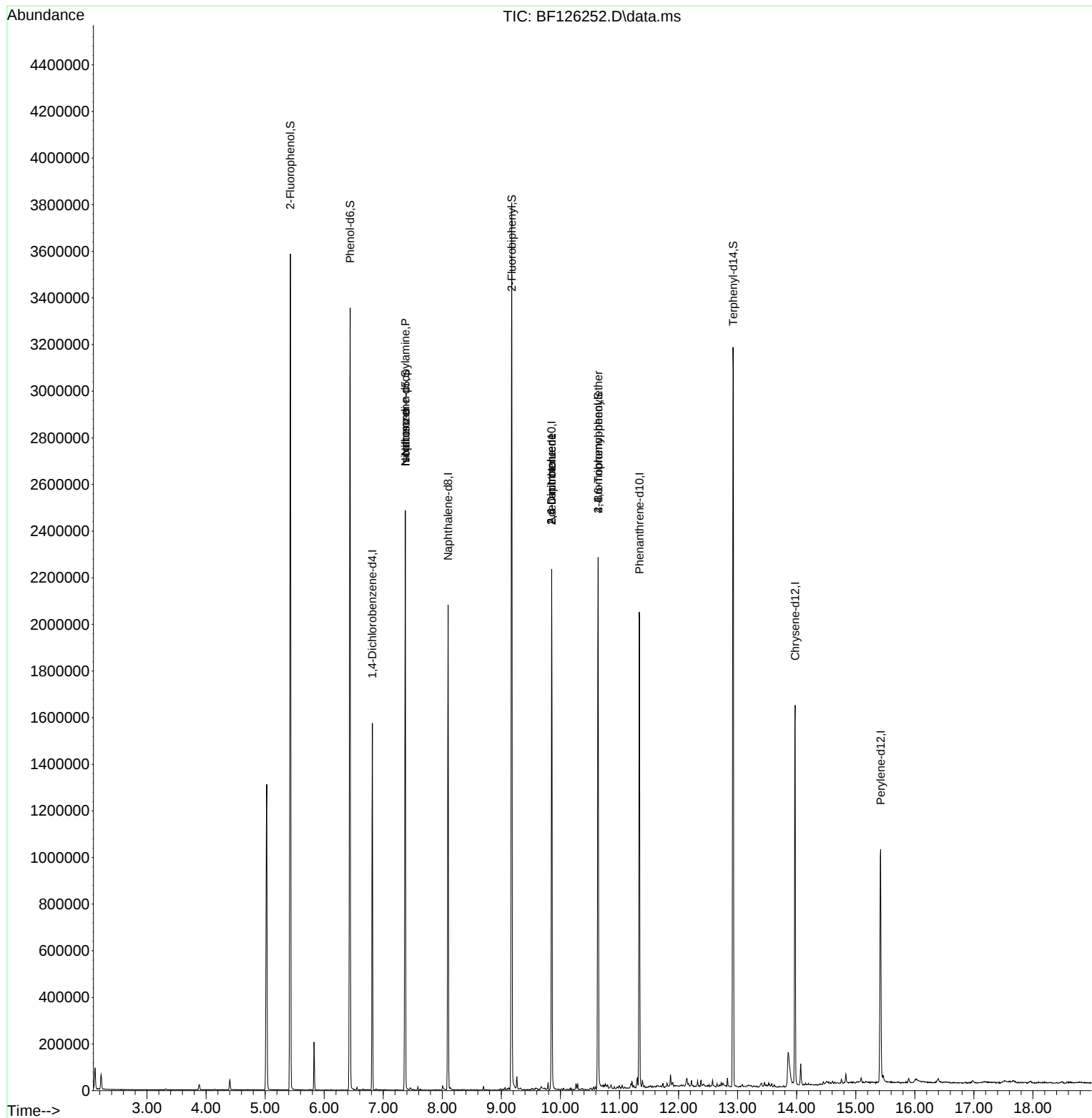
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	215545	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	931134	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	451501	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	764453	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	553993	20.000	ng	0.00
86) Perylene-d12	15.421	264	443020	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1006032	68.734	ng	0.00
7) Phenol-d6	6.439	99	1286507	69.224	ng	0.00
23) Nitrobenzene-d5	7.375	82	818615	47.615	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	270703	74.605	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1185287	46.043	ng	0.00
79) Terphenyl-d14	12.927	244	1131723	35.507	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	101760	8.919	ng	# 55
25) Isophorone	7.375	82	777693	23.954	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	58499	9.450	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	58499	7.408	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	14549	2.028	ng	# 1

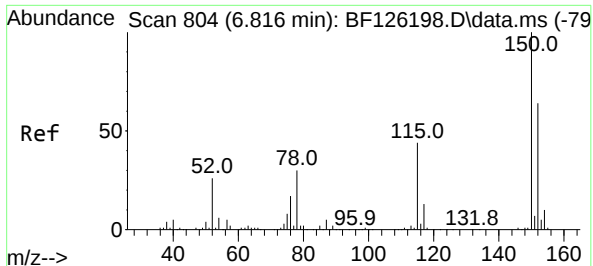
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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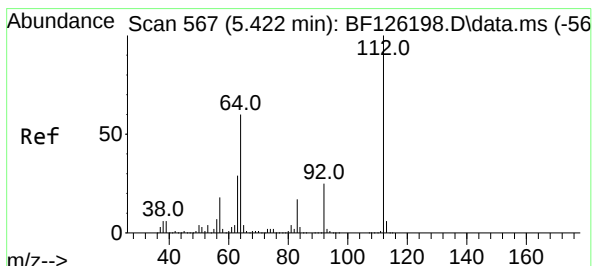
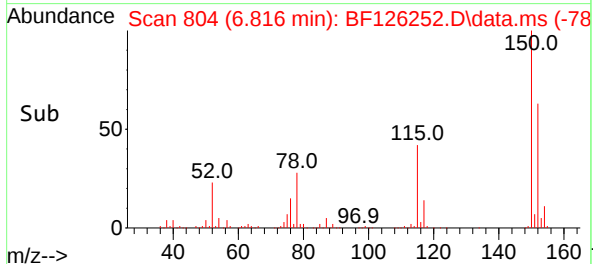
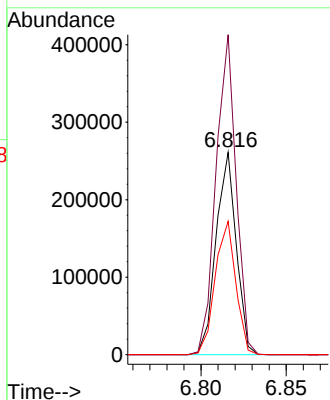
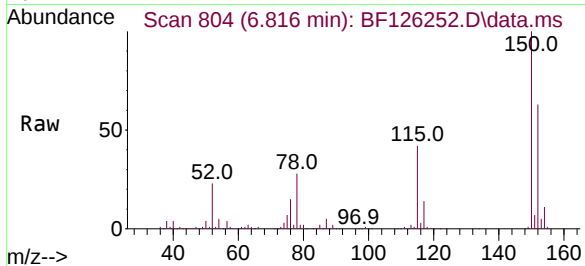




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126252.D
Acq: 18 Dec 2021 14:05

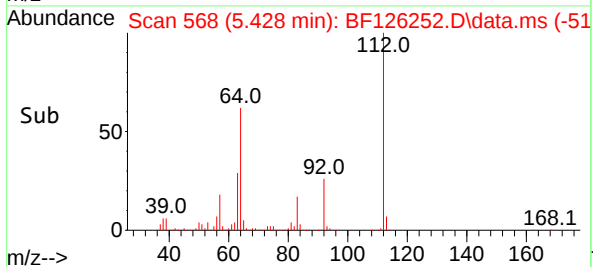
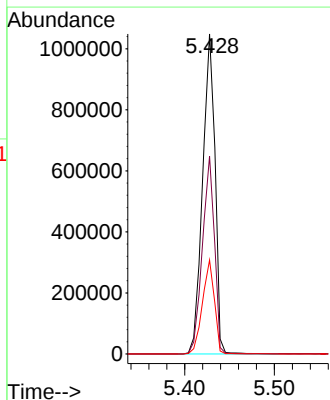
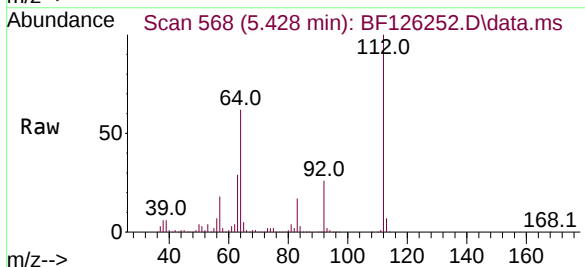
Instrument :
BNA_F
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SB-08-C

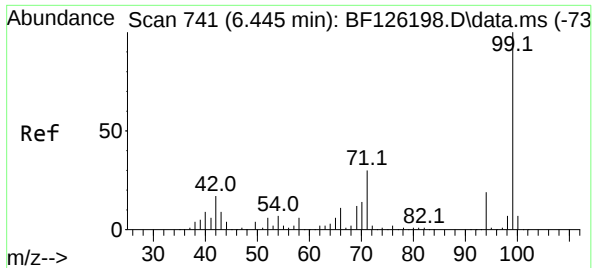
Tgt Ion:152 Resp: 215545
Ion Ratio Lower Upper
152 100
150 158.2 117.6 176.4
115 65.9 47.1 70.7



#5
2-Fluorophenol
Concen: 68.734 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF126252.D
Acq: 18 Dec 2021 14:05

Tgt Ion:112 Resp: 1006032
Ion Ratio Lower Upper
112 100
64 61.8 44.2 66.2
63 29.4 26.2 39.2

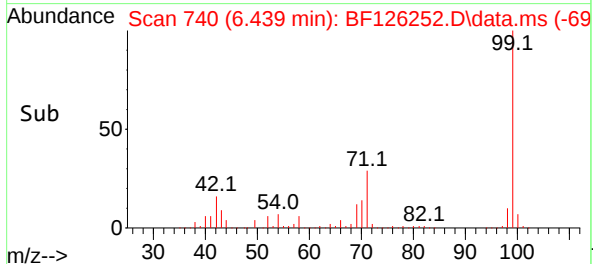
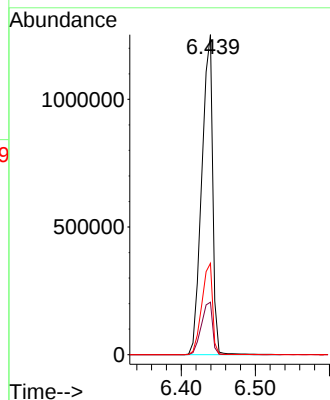
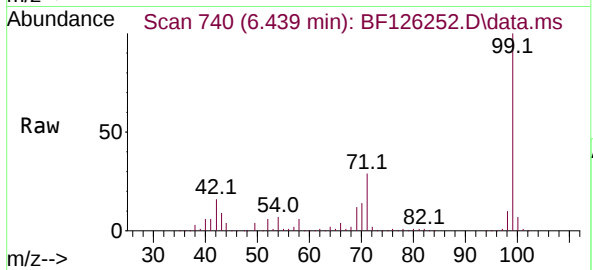




#7
Phenol-d6
Concen: 69.224 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126252.D
Acq: 18 Dec 2021 14:05

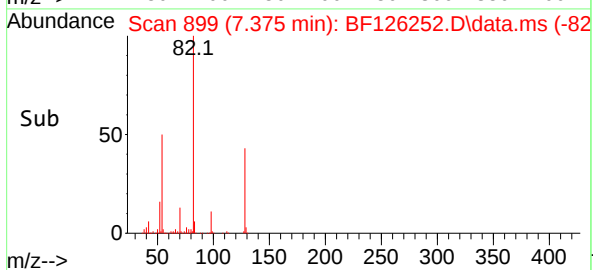
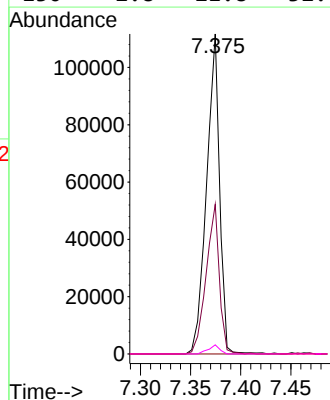
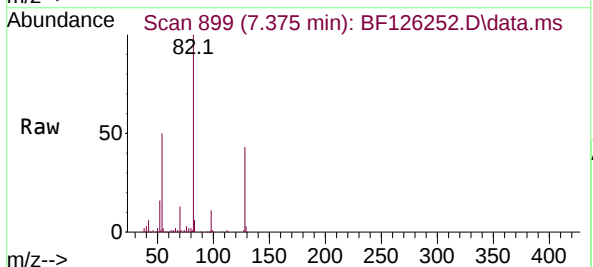
Instrument :
BNA_F
ClientSampleId :
SB-08-C

Tgt Ion: 99 Resp: 1286507
Ion Ratio Lower Upper
99 100
42 16.4 23.5 35.3#
71 28.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 8.919 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126252.D
Acq: 18 Dec 2021 14:05

Tgt Ion: 70 Resp: 101760
Ion Ratio Lower Upper
70 100
42 46.7 72.2 108.2#
101 0.0 7.8 11.8#
130 2.8 21.8 32.6#

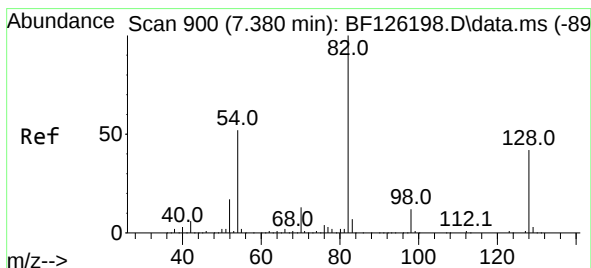
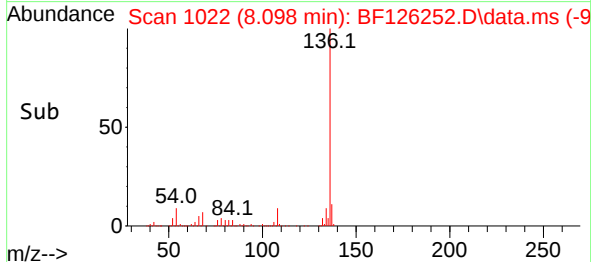
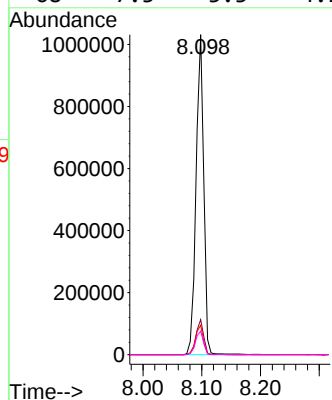
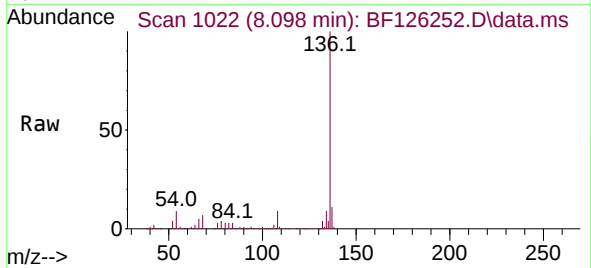




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126252.D
Acq: 18 Dec 2021 14:05

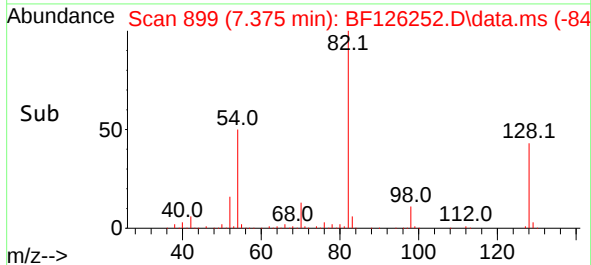
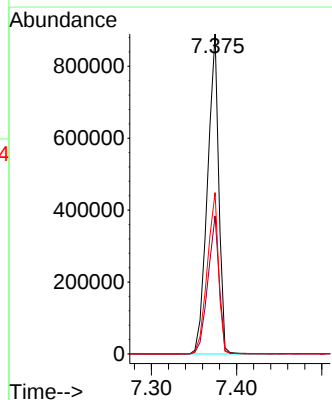
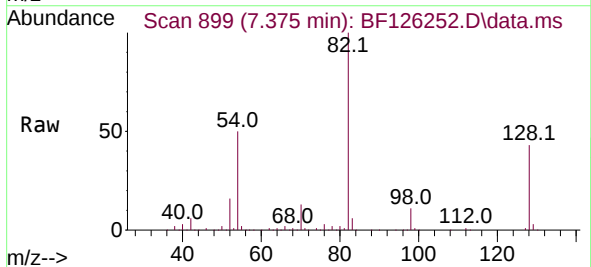
Instrument :
BNA_F
ClientSampleId :
SB-08-C

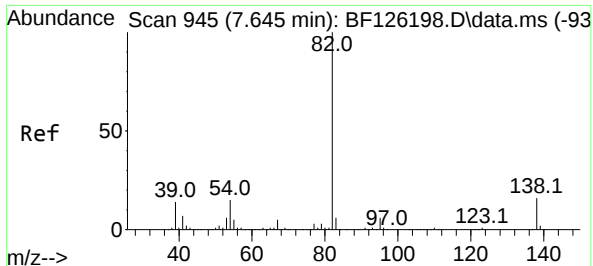
Tgt Ion:	136	Resp:	931134
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	9.2	6.4	9.6
68	7.3	3.3	4.9



#23
Nitrobenzene-d5
Concen: 47.615 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126252.D
Acq: 18 Dec 2021 14:05

Tgt Ion:	82	Resp:	818615
Ion	Ratio	Lower	Upper
82	100		
128	43.2	40.6	60.8
54	50.4	49.6	74.4

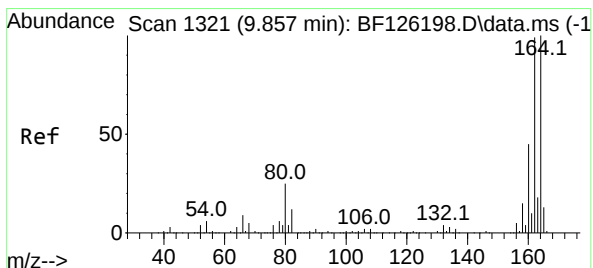
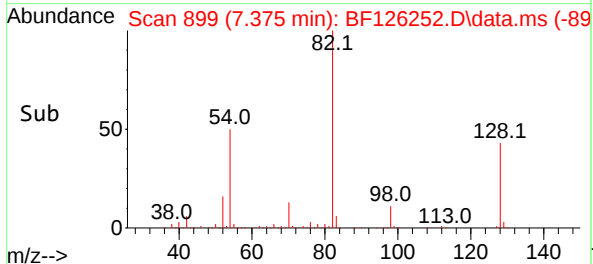
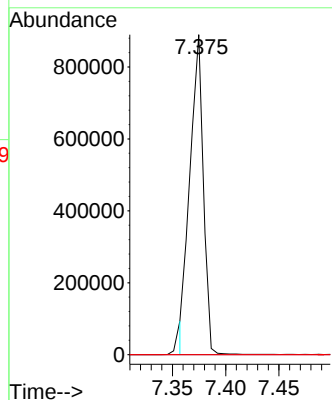
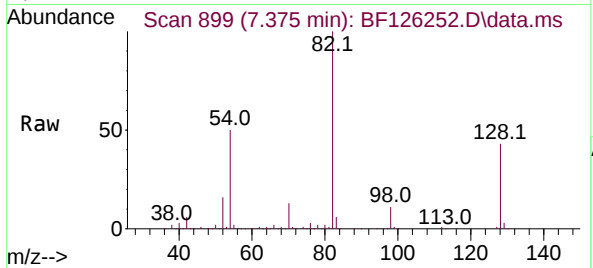




#25
Isophorone
Concen: 23.954 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF126252.D
Acq: 18 Dec 2021 14:05

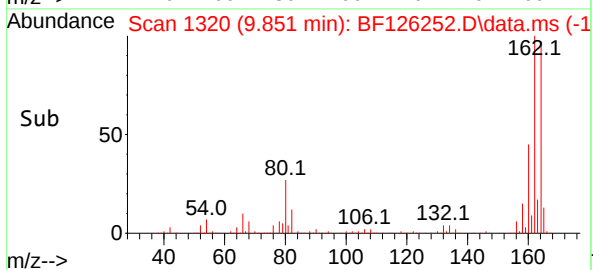
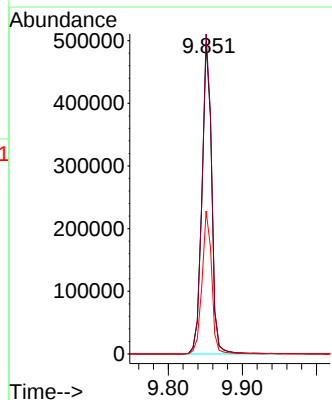
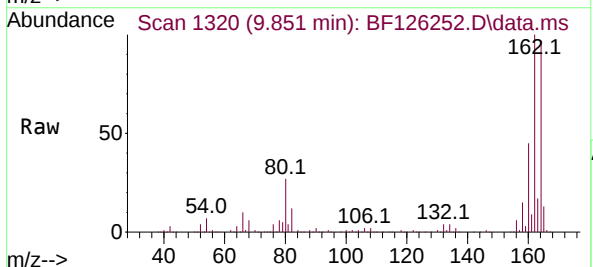
Instrument :
BNA_F
ClientSampleId :
SB-08-C

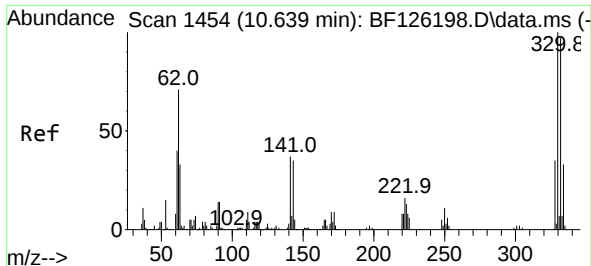
Tgt Ion: 82 Resp: 777693
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126252.D
Acq: 18 Dec 2021 14:05

Tgt Ion: 164 Resp: 451501
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 45.9 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 74.605 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF126252.D

Acq: 18 Dec 2021 14:05

Instrument :

BNA_F

ClientSampleId :

SB-08-C

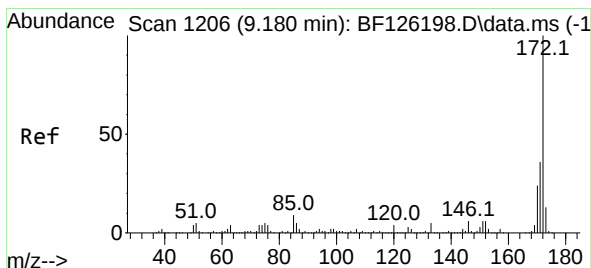
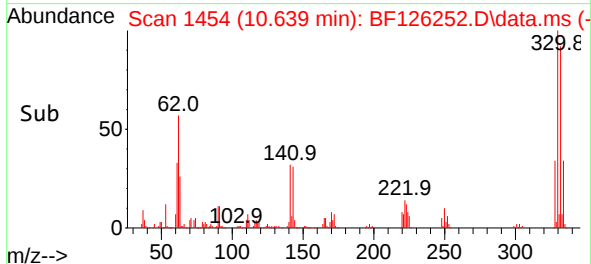
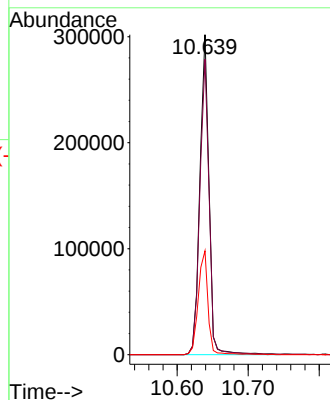
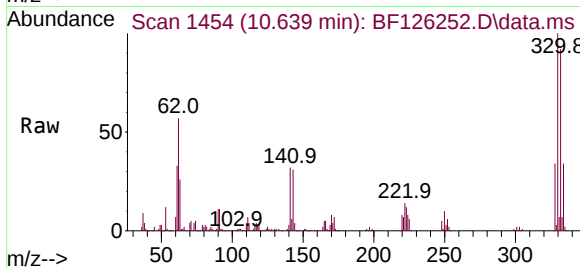
Tgt Ion:330 Resp: 270703

Ion Ratio Lower Upper

330 100

332 94.1 76.2 114.4

141 34.8 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 46.043 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126252.D

Acq: 18 Dec 2021 14:05

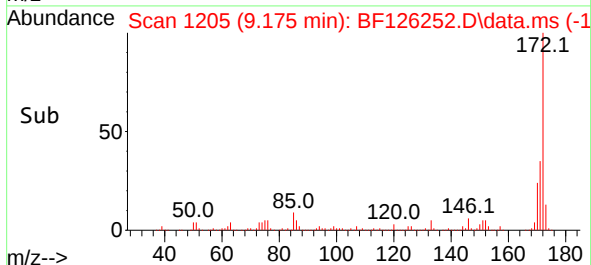
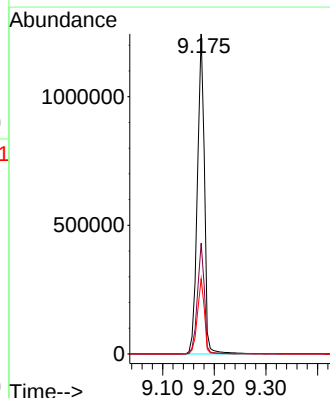
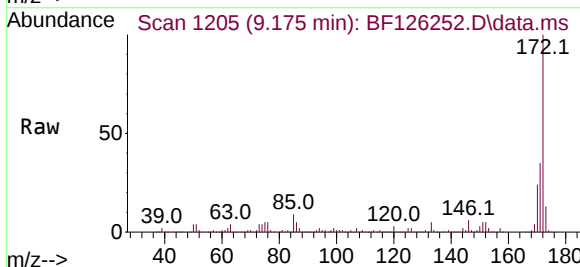
Tgt Ion:172 Resp: 1185287

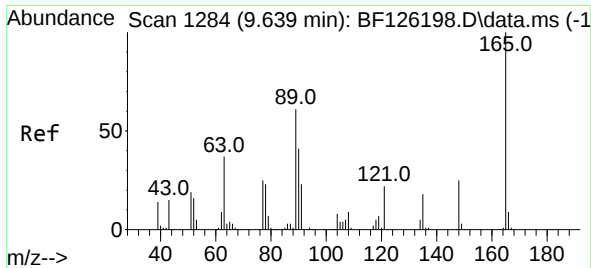
Ion Ratio Lower Upper

172 100

171 34.6 26.5 39.7

170 23.5 18.8 28.2

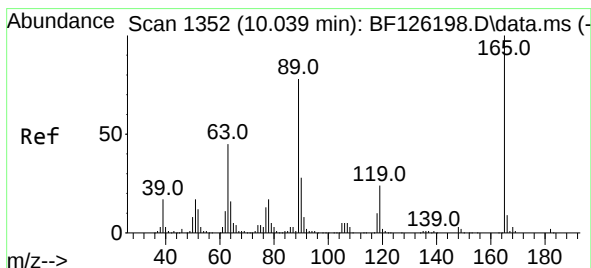
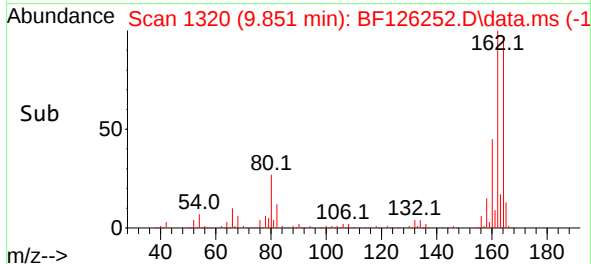
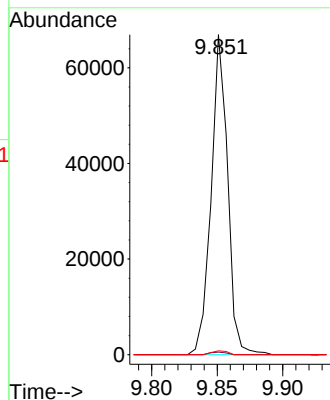
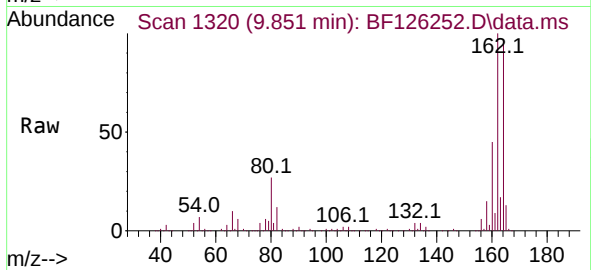




#51
2,6-Dinitrotoluene
Concen: 9.450 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126252.D
Acq: 18 Dec 2021 14:05

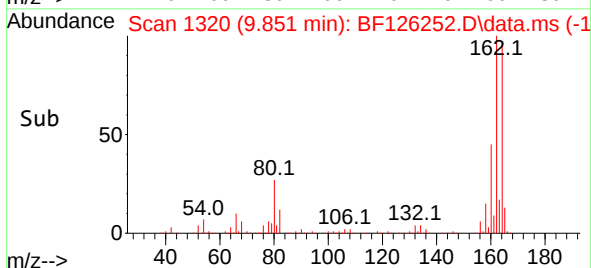
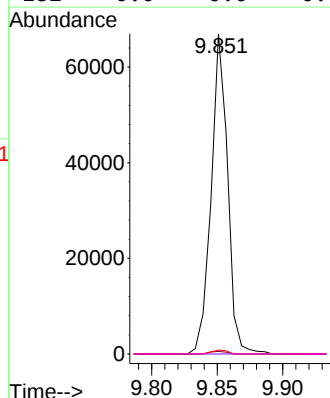
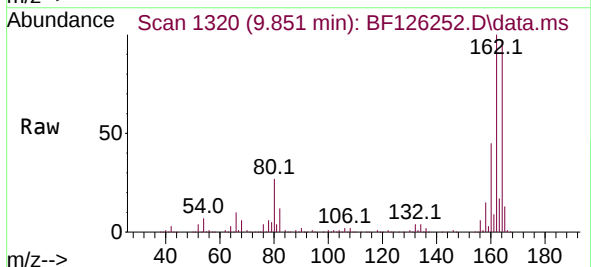
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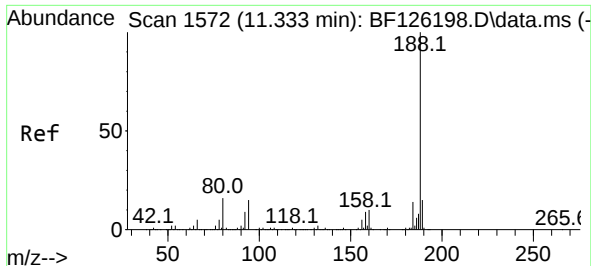
Tgt Ion:165 Resp: 58499
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.408 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126252.D
Acq: 18 Dec 2021 14:05

Tgt Ion:165 Resp: 58499
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

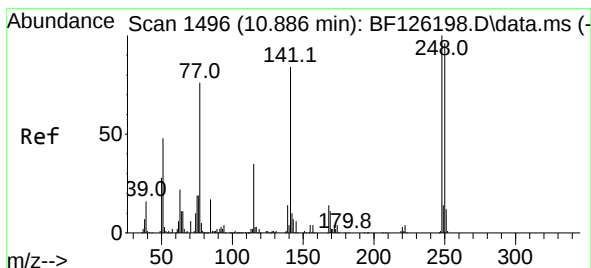
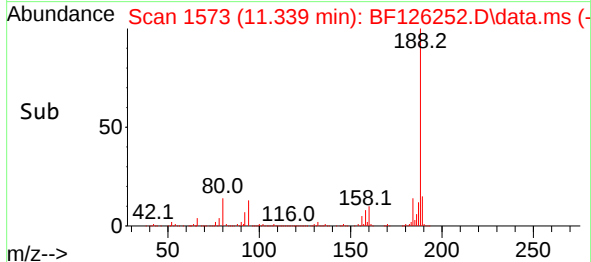
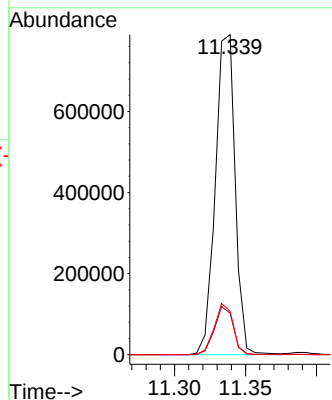
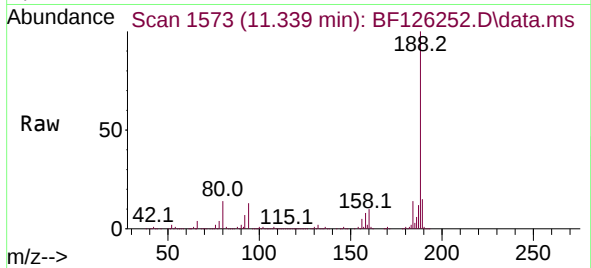




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126252.D
Acq: 18 Dec 2021 14:05

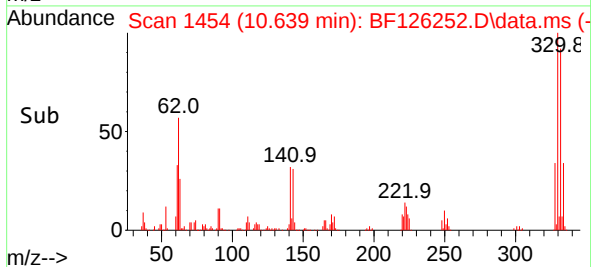
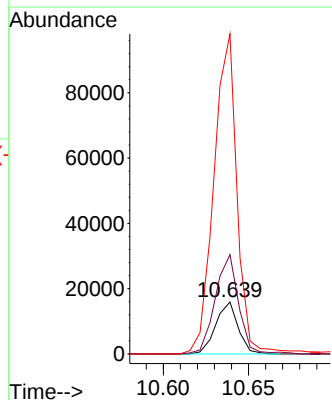
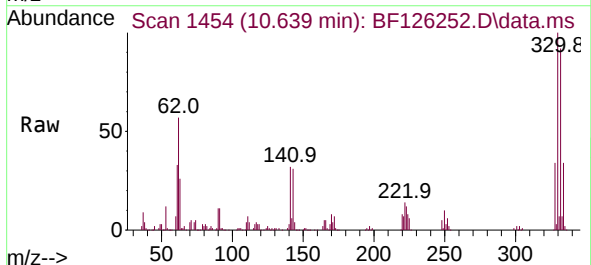
Instrument :
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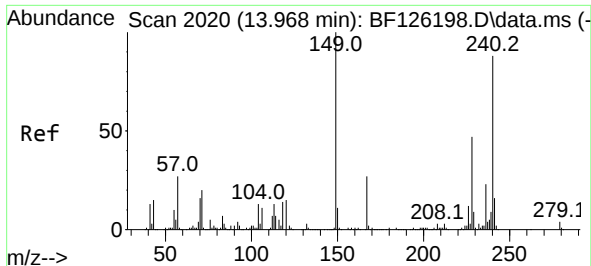
Tgt Ion:188 Resp: 764453
Ion Ratio Lower Upper
188 100
94 13.0 6.7 10.1#
80 13.5 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 2.028 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126252.D
Acq: 18 Dec 2021 14:05

Tgt Ion:248 Resp: 14549
Ion Ratio Lower Upper
248 100
250 190.8 74.2 111.4#
141 614.6 60.4 90.6#

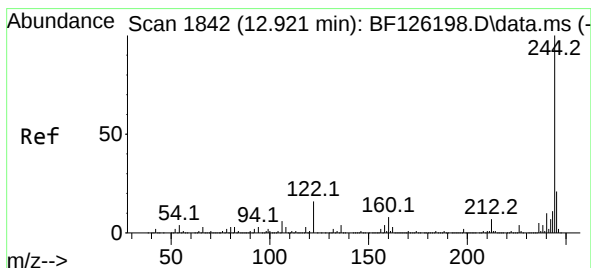
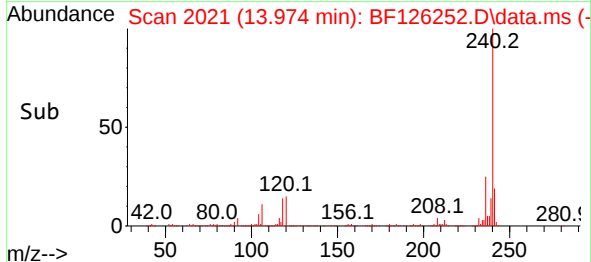
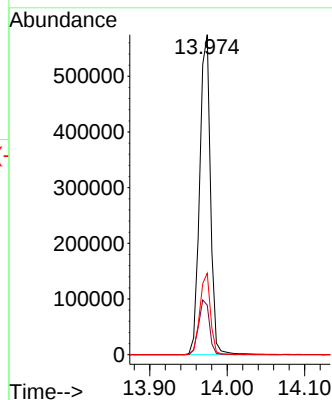
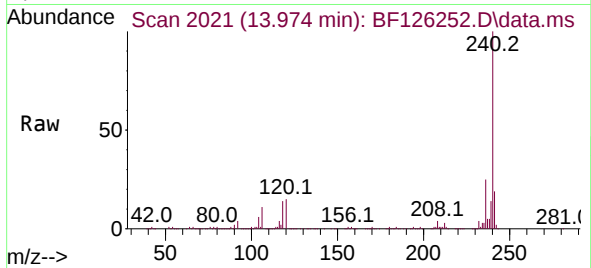




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF126252.D
Acq: 18 Dec 2021 14:05

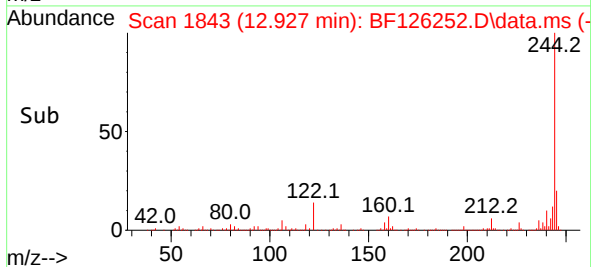
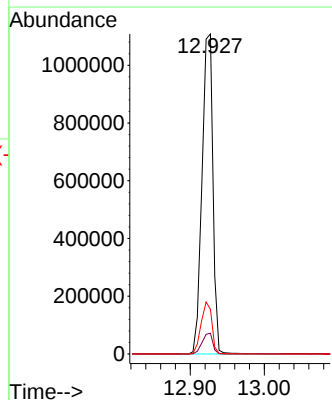
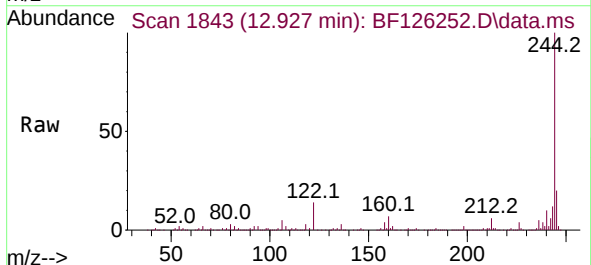
Instrument :
BNA_F
ClientSampleId :
SB-08-C

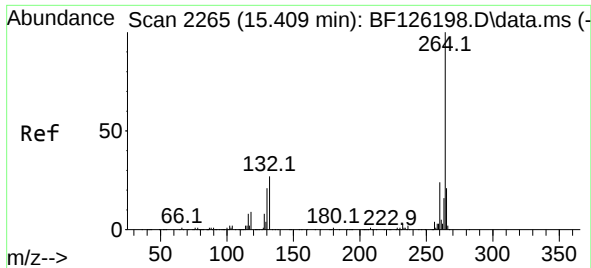
Tgt Ion:240 Resp: 553993
Ion Ratio Lower Upper
240 100
120 15.5 10.8 16.2
236 25.4 21.6 32.4



#79
Terphenyl-d14
Concen: 35.507 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF126252.D
Acq: 18 Dec 2021 14:05

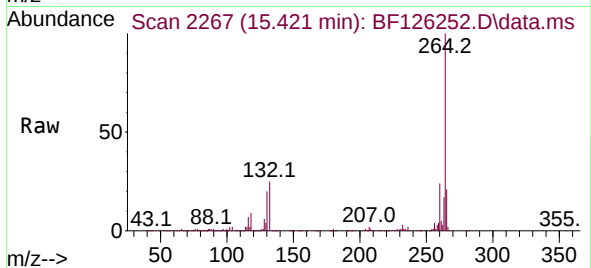
Tgt Ion:244 Resp: 1131723
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 13.9 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF126252.D
Acq: 18 Dec 2021 14:05

Instrument :
BNA_F
ClientSampleId :
SB-08-C



Tgt Ion:264 Resp: 443020
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 21.0 17.2 25.8

