

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
 Data File : BF126464.D
 Acq On : 3 Jan 2022 19:30
 Operator : JU/CG
 Sample : M5253-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-1-122921

Quant Time: Jan 04 05:21:15 2022
 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)

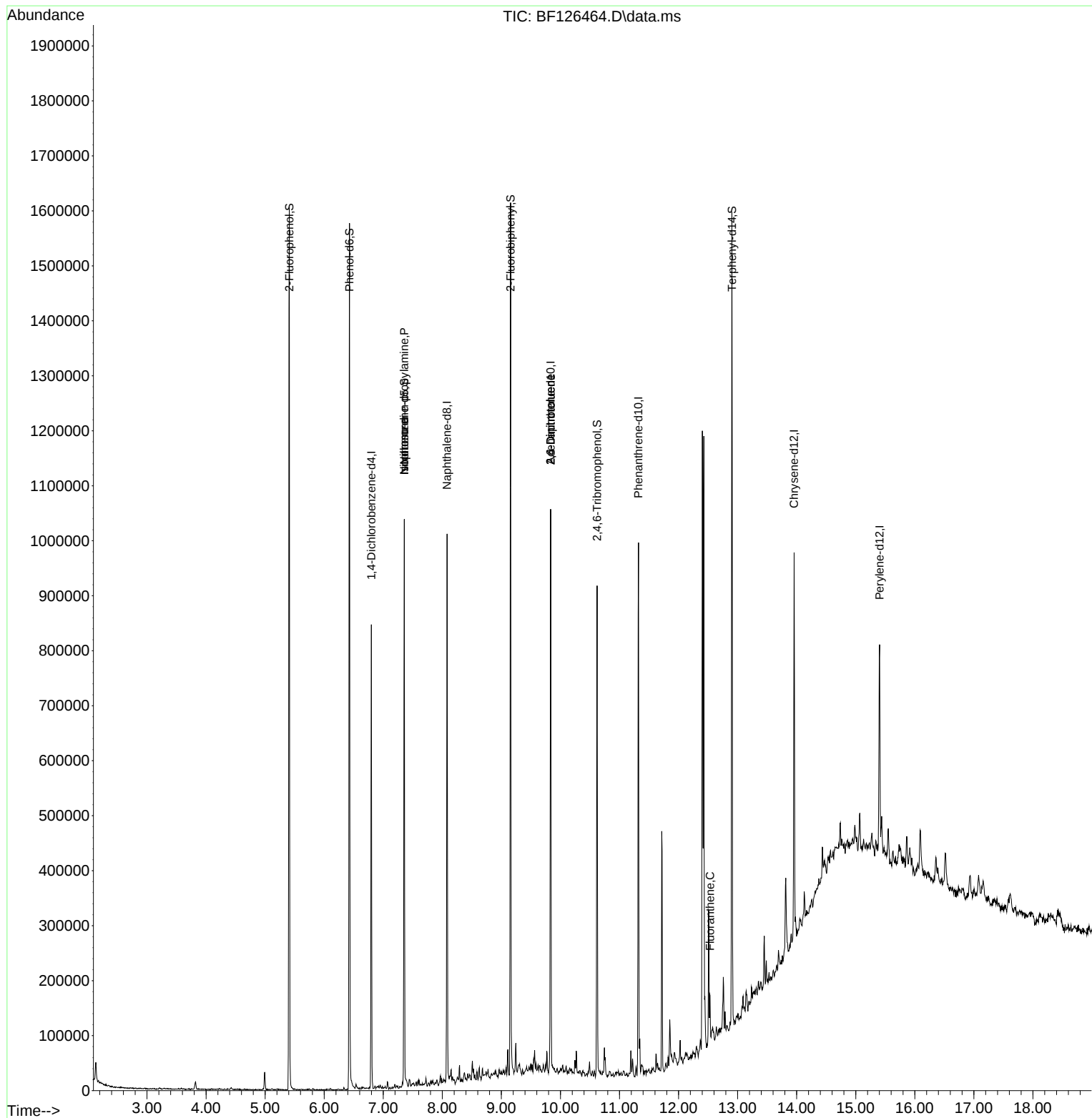
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	110801	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	409861	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	191801	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	340102	20.000	ng	0.00
76) Chrysene-d12	13.957	240	221724	20.000	ng	0.00
86) Perylene-d12	15.404	264	168578	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	461202	59.775	ng	0.00
7) Phenol-d6	6.428	99	529266	52.962	ng	0.00
23) Nitrobenzene-d5	7.357	82	310493	38.898	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	94022	63.437	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	450480	41.330	ng	0.00
79) Terphenyl-d14	12.904	244	462560	40.533	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	40330	7.072	ng	# 78
25) Isophorone	7.357	82	306653	21.460	ng	# 69
51) 2,6-Dinitrotoluene	9.833	165	24663	9.538	ng	# 21
57) 2,4-Dinitrotoluene	9.833	165	24663	7.393	ng	# 15
75) Fluoranthene	12.533	202	36446	2.297	ng	97
77) Benzidine	12.674	184	226	Below Cal	#	1

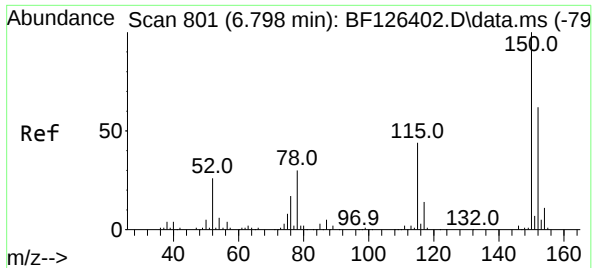
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
Data File : BF126464.D
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Sample : M5253-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SA-1-122921

Quant Time: Jan 04 05:21:15 2022
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

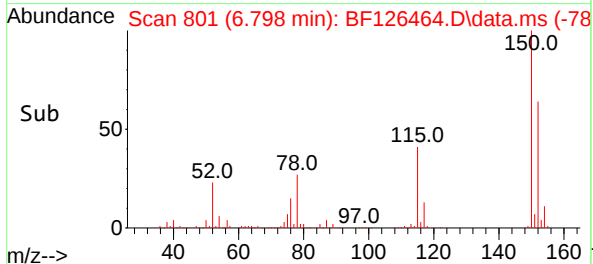
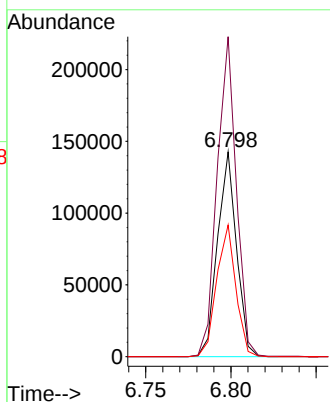
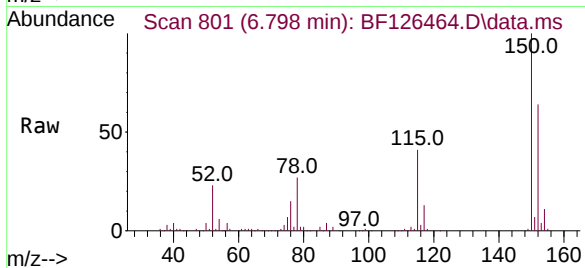




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126464.D
Acq: 3 Jan 2022 19:30

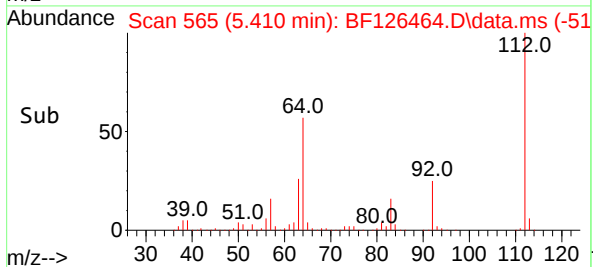
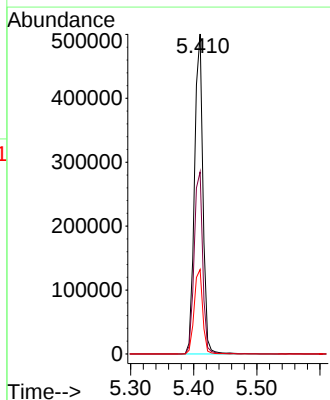
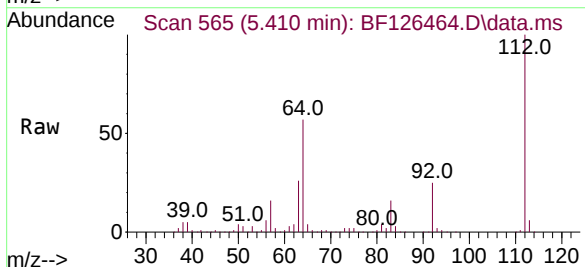
Instrument :
BNA_F
ClientSampleId :
SA-1-122921

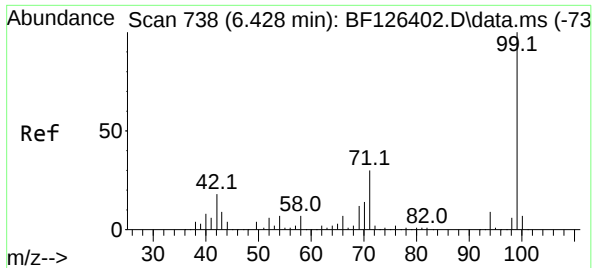
Tgt Ion:152 Resp: 110801
Ion Ratio Lower Upper
152 100
150 156.2 128.1 192.1
115 64.2 56.7 85.1



#5
2-Fluorophenol
Concen: 59.775 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF126464.D
Acq: 3 Jan 2022 19:30

Tgt Ion:112 Resp: 461202
Ion Ratio Lower Upper
112 100
64 56.9 49.5 74.3
63 26.4 23.9 35.9

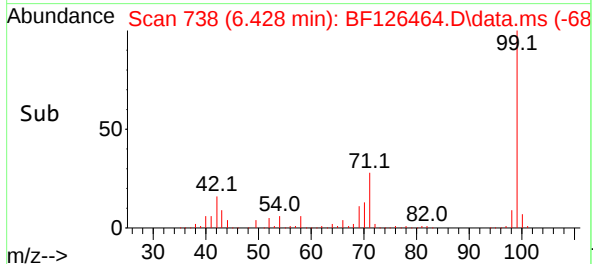
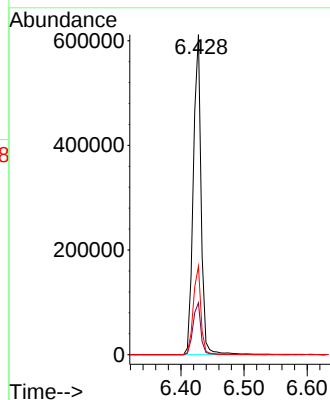
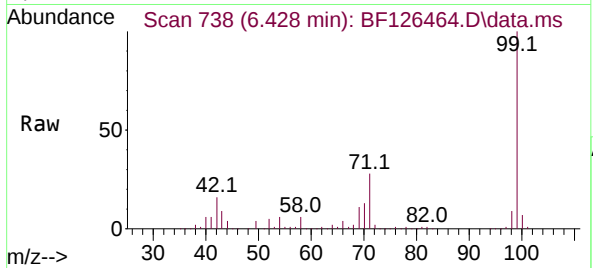




#7
Phenol-d6
Concen: 52.962 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126464.D
Acq: 3 Jan 2022 19:30

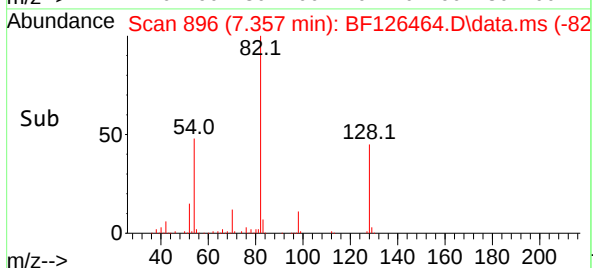
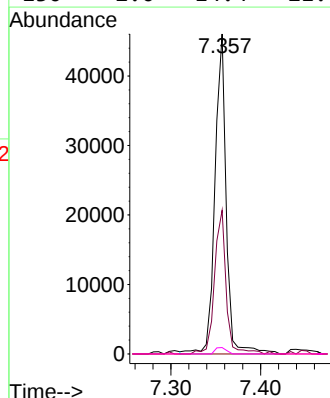
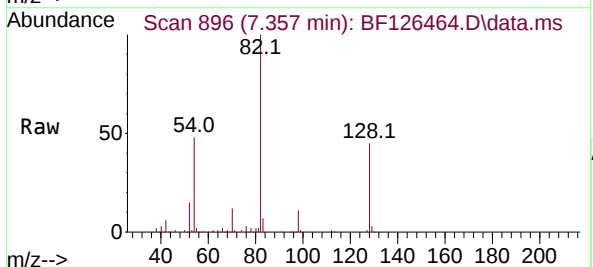
Instrument :
BNA_F
ClientSampleId :
SA-1-122921

Tgt Ion: 99 Resp: 529266
Ion Ratio Lower Upper
99 100
42 16.2 14.2 21.4
71 27.7 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 7.072 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF126464.D
Acq: 3 Jan 2022 19:30

Tgt Ion: 70 Resp: 40330
Ion Ratio Lower Upper
70 100
42 44.9 45.8 68.8#
101 0.0 6.9 10.3#
130 2.0 14.4 21.6#

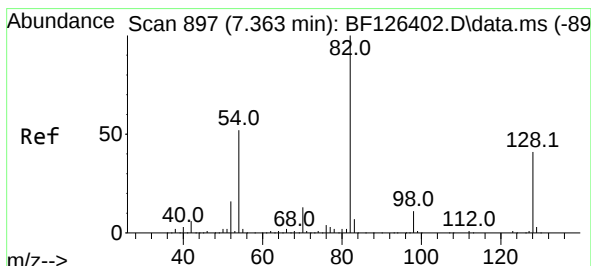
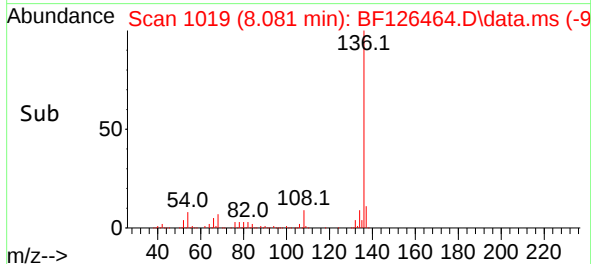
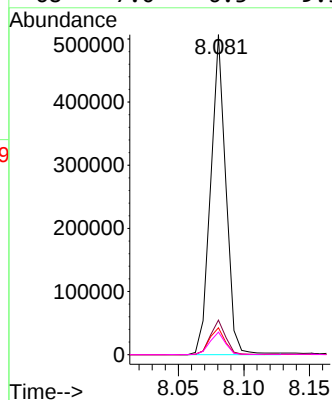
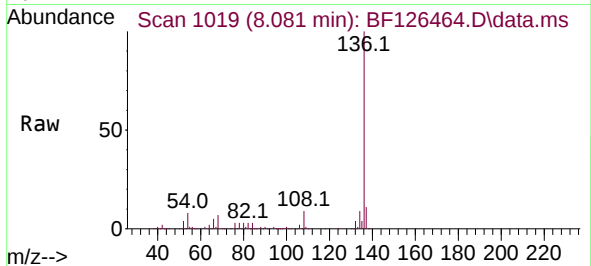




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126464.D
Acq: 3 Jan 2022 19:30

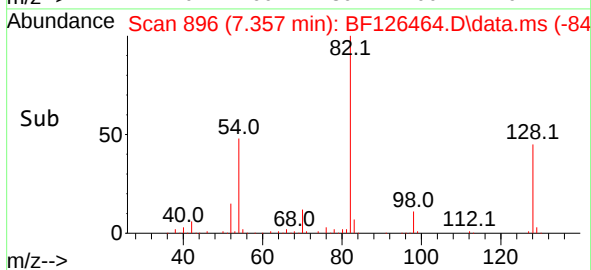
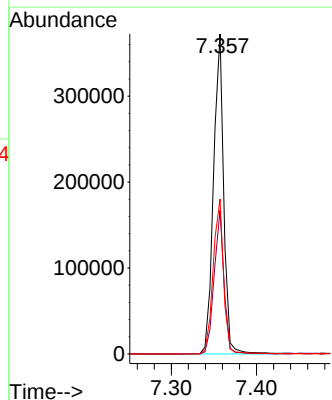
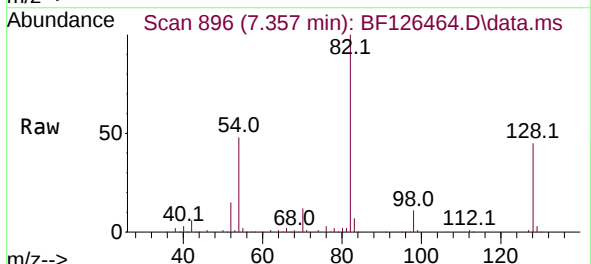
Instrument :
BNA_F
ClientSampleId :
SA-1-122921

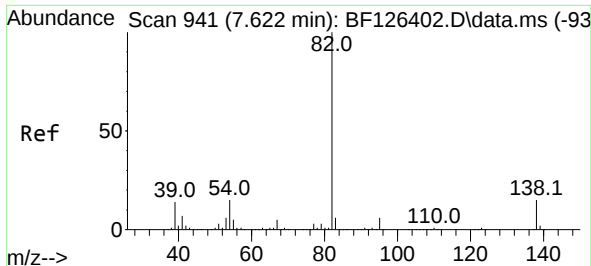
Tgt Ion:136 Resp: 409861
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 7.8 11.6
68 7.0 6.3 9.5



#23
Nitrobenzene-d5
Concen: 38.898 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126464.D
Acq: 3 Jan 2022 19:30

Tgt Ion: 82 Resp: 310493
Ion Ratio Lower Upper
82 100
128 44.9 32.7 49.1
54 48.4 41.7 62.5

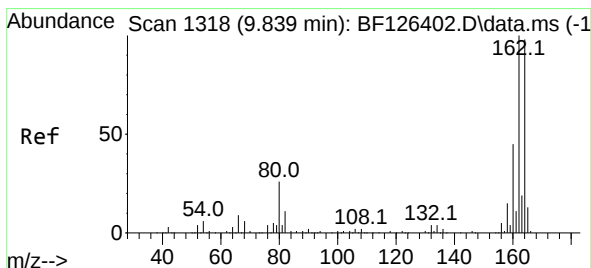
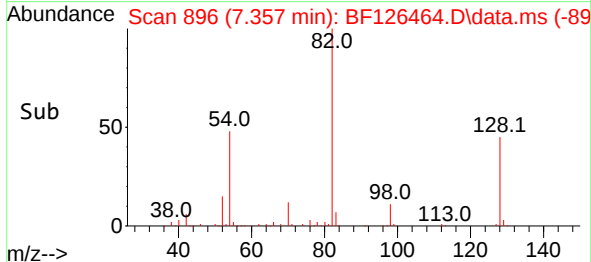
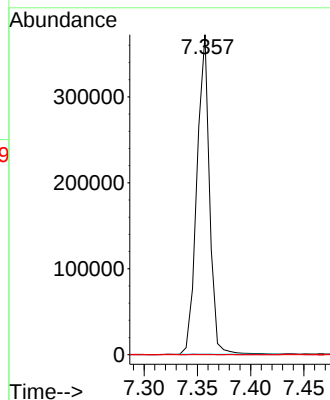
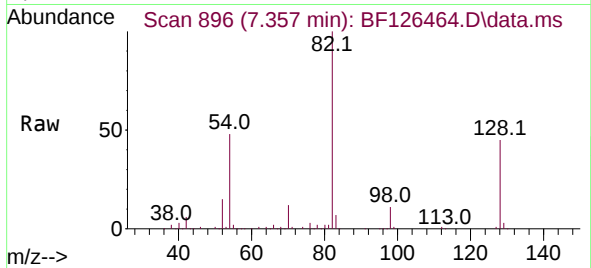




#25
Isophorone
Concen: 21.460 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF126464.D
Acq: 3 Jan 2022 19:30

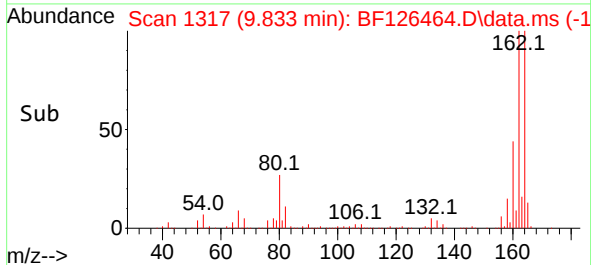
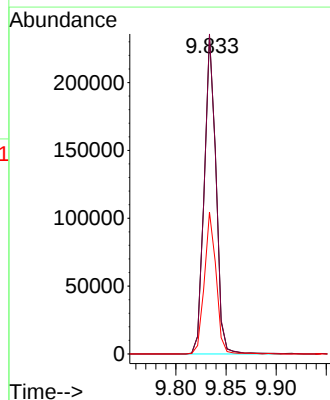
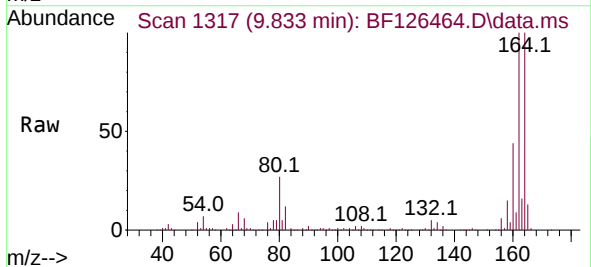
Instrument :
BNA_F
ClientSampleId :
SA-1-122921

Tgt Ion: 82 Resp: 306653
Ion Ratio Lower Upper
82 100
95 0.1 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: BF126464.D
Acq: 3 Jan 2022 19:30

Tgt Ion:164 Resp: 191801
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 44.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 63.437 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF126464.D

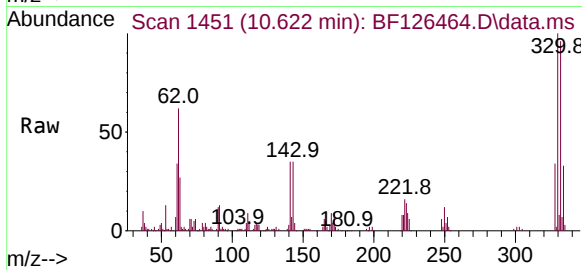
Acq: 3 Jan 2022 19:30

Instrument :

BNA_F

ClientSampleId :

SA-1-122921



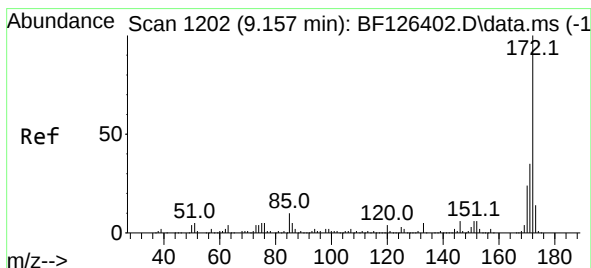
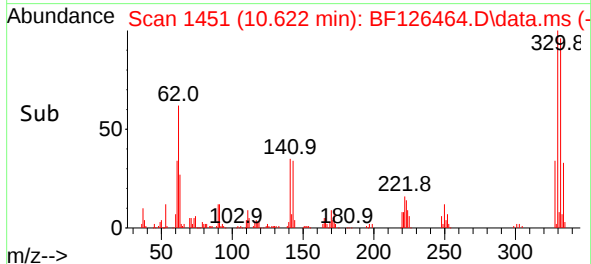
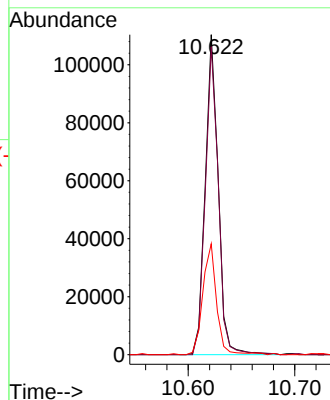
Tgt Ion:330 Resp: 94022

Ion Ratio Lower Upper

330 100

332 96.2 76.0 114.0

141 36.8 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 41.330 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF126464.D

Acq: 3 Jan 2022 19:30

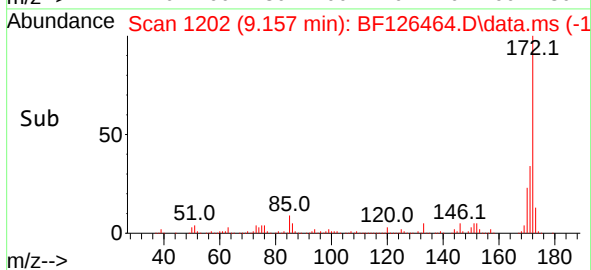
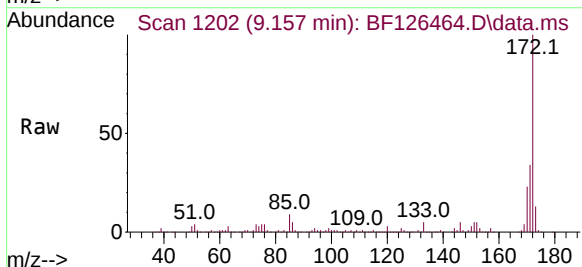
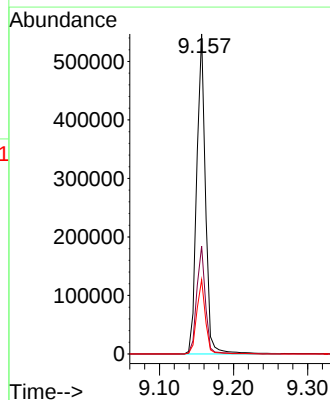
Tgt Ion:172 Resp: 450480

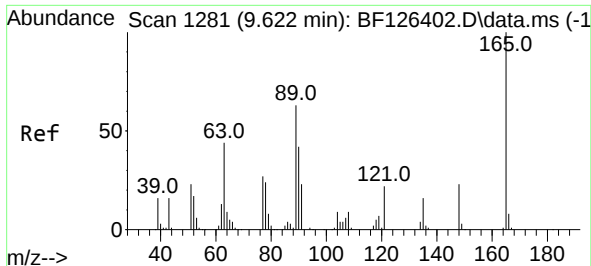
Ion Ratio Lower Upper

172 100

171 33.7 28.3 42.5

170 23.2 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 9.538 ng

RT: 9.833 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF126464.D

Acq: 3 Jan 2022 19:30

Instrument :

BNA_F

ClientSampleId :

SA-1-122921

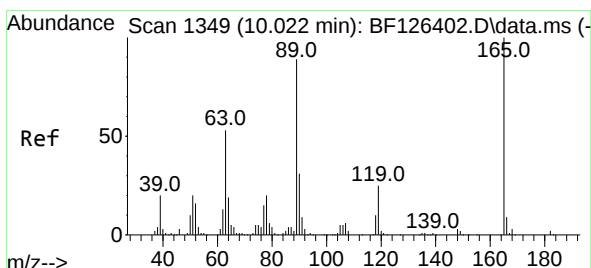
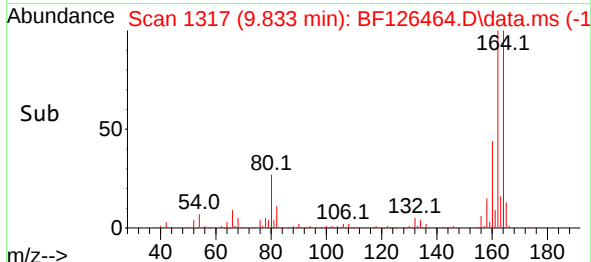
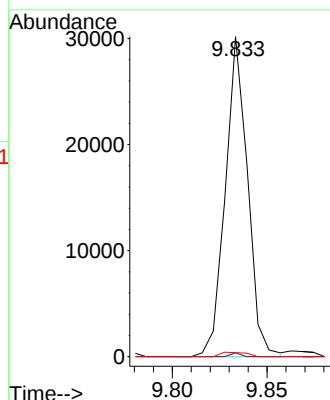
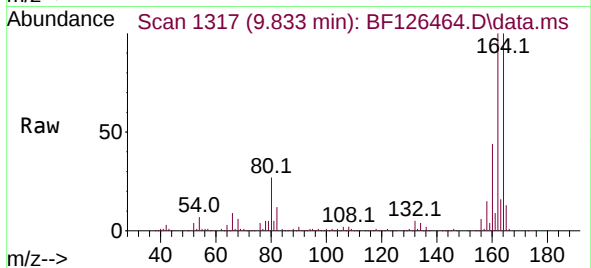
Tgt Ion:165 Resp: 24663

Ion Ratio Lower Upper

165 100

63 1.2 48.4 72.6#

89 1.2 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 7.393 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.188 min

Lab File: BF126464.D

Acq: 3 Jan 2022 19:30

Tgt Ion:165 Resp: 24663

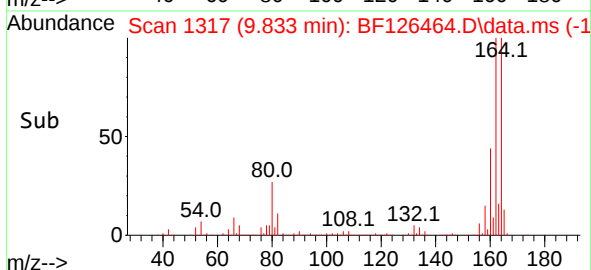
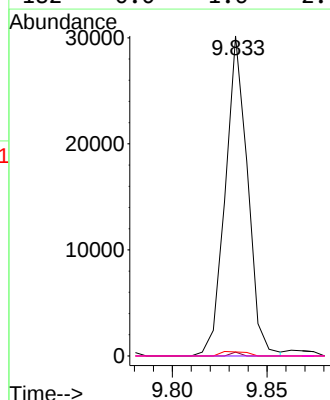
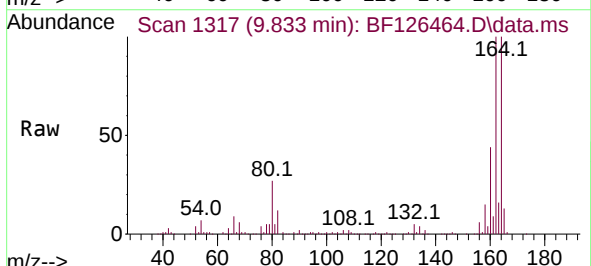
Ion Ratio Lower Upper

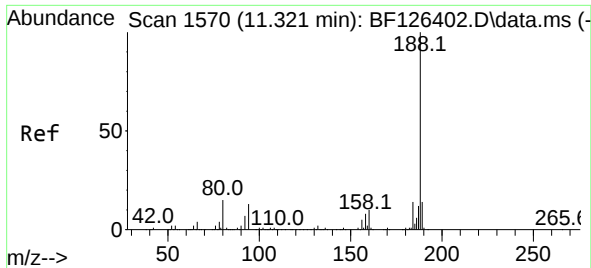
165 100

63 1.2 43.0 64.6#

89 1.2 71.0 106.4#

182 0.0 1.6 2.4#

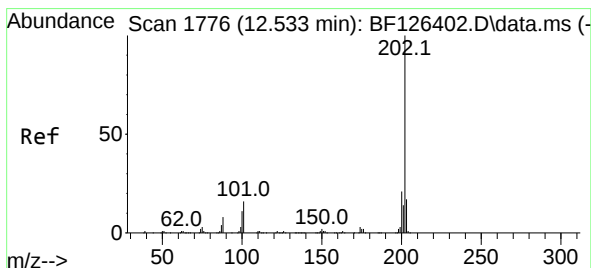
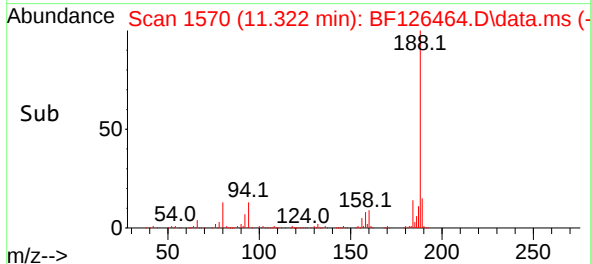
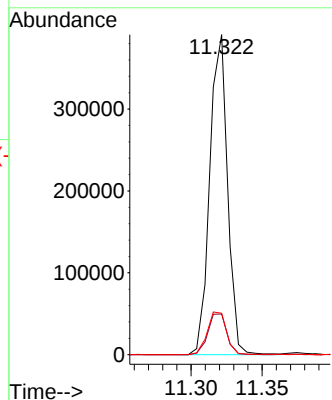
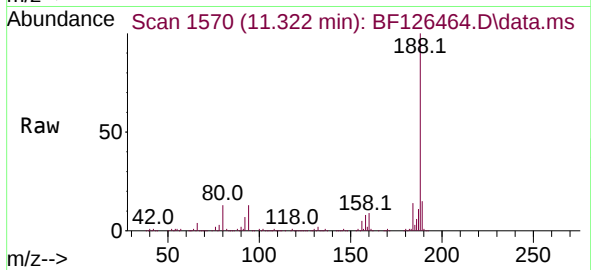




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126464.D
Acq: 3 Jan 2022 19:30

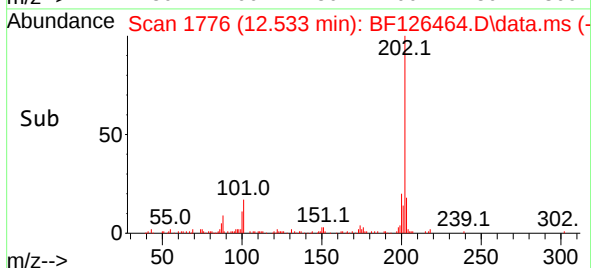
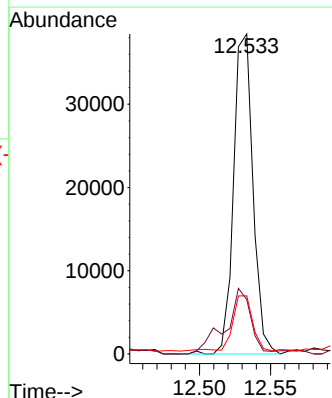
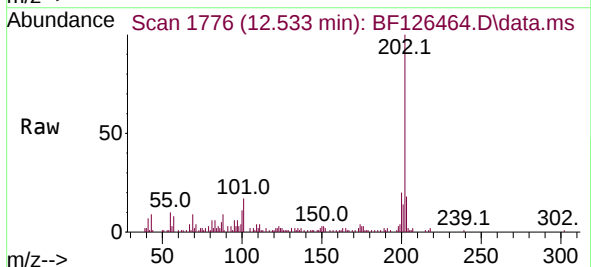
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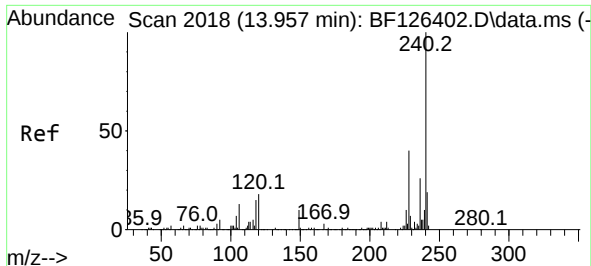
Tgt Ion:188 Resp: 340102
Ion Ratio Lower Upper
188 100
94 12.7 10.1 15.1
80 12.9 11.8 17.6



#75
Fluoranthene
Concen: 2.297 ng
RT: 12.533 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF126464.D
Acq: 3 Jan 2022 19:30

Tgt Ion:202 Resp: 36446
Ion Ratio Lower Upper
202 100
101 17.0 0.0 35.7
203 18.2 0.0 37.1

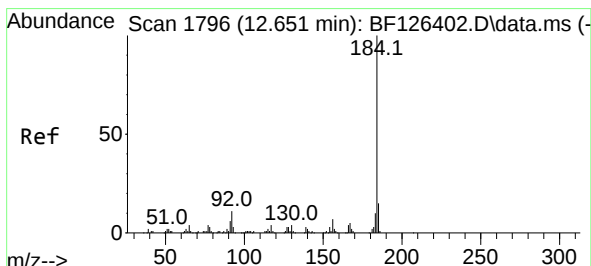
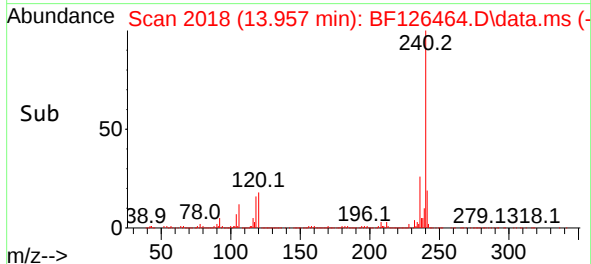
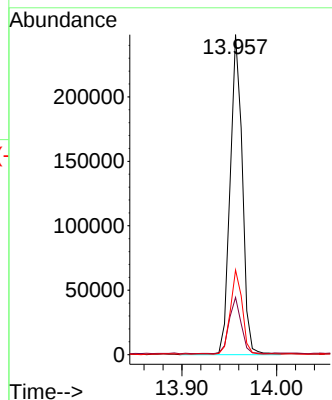
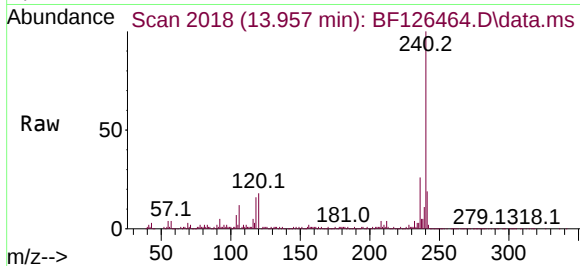




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126464.D
Acq: 3 Jan 2022 19:30

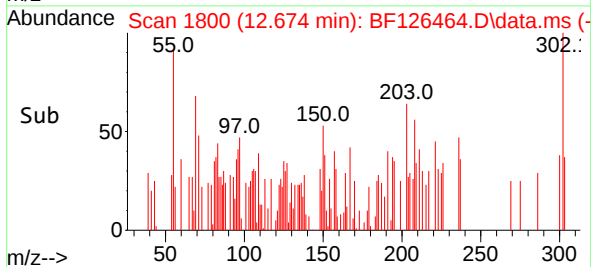
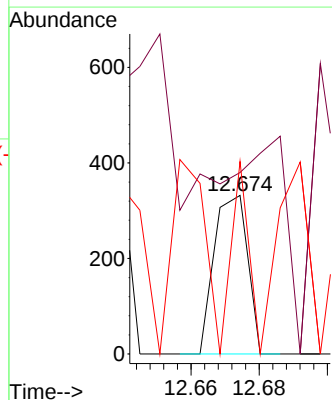
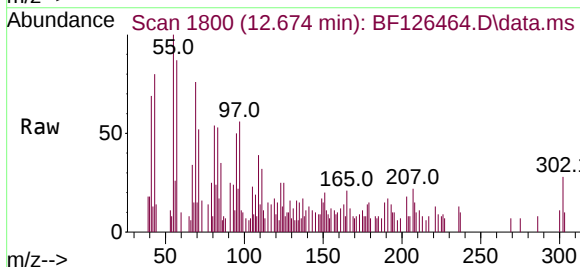
Instrument :
BNA_F
ClientSampleId :
SA-1-122921

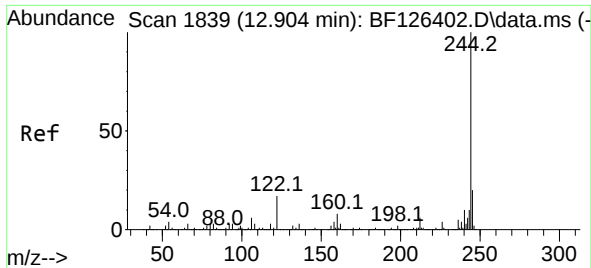
Tgt Ion:240 Resp: 221724
Ion Ratio Lower Upper
240 100
120 17.9 14.4 21.6
236 26.5 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.674 min Scan# 1800
Delta R.T. 0.023 min
Lab File: BF126464.D
Acq: 3 Jan 2022 19:30

Tgt Ion:184 Resp: 226
Ion Ratio Lower Upper
184 100
185 114.5 11.8 17.8#
183 121.4 8.2 12.2#

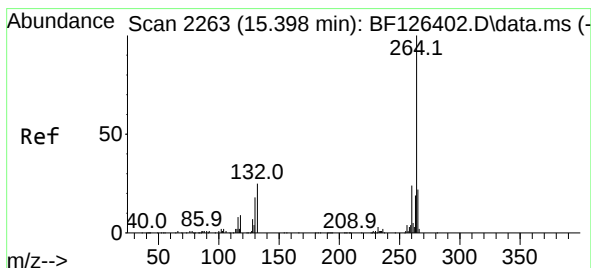
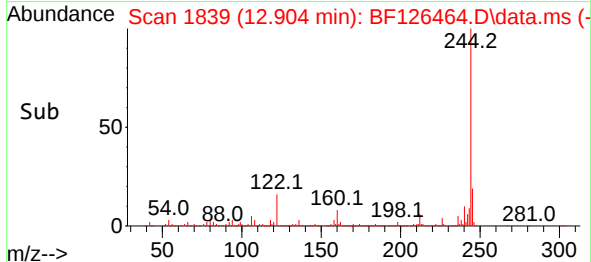
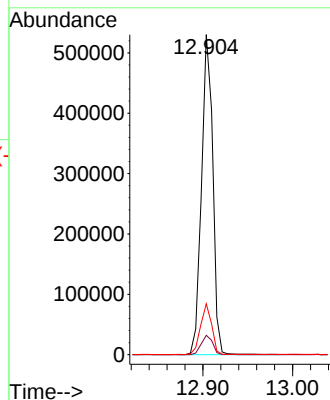
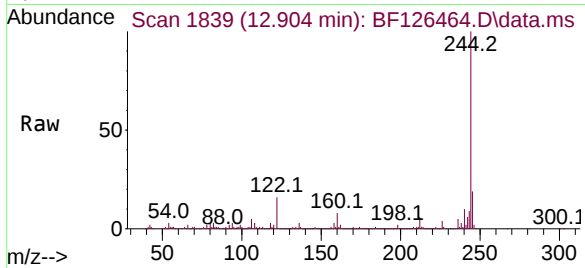




#79
 Terphenyl-d14
 Concen: 40.533 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BF126464.D
 Acq: 3 Jan 2022 19:30

Instrument :
 BNA_F
 ClientSampleId :
 SA-1-122921

Tgt Ion:244 Resp: 462560
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 15.9 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2264
 Delta R.T. 0.006 min
 Lab File: BF126464.D
 Acq: 3 Jan 2022 19:30

Tgt Ion:264 Resp: 168578
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.9 17.4 26.2

