

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
 Data File : BF126382.D
 Acq On : 28 Dec 2021 15:33
 Operator : JU/CG
 Sample : M5187-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-119-1-5-10

Quant Time: Dec 28 16:09:45 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)

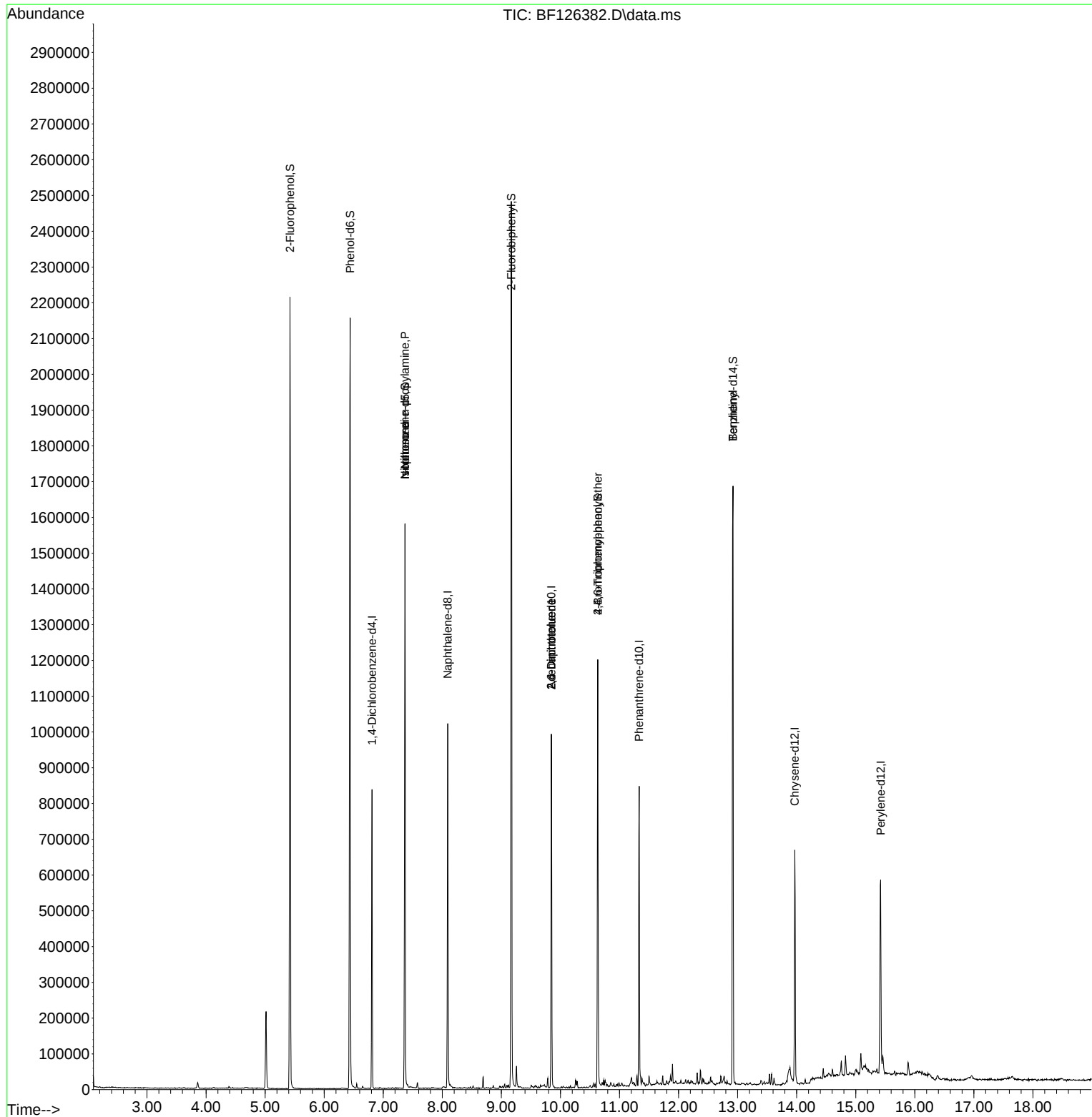
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	111418	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	456780	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	203092	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	301073	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	211242	20.000	ng	#-0.01
86) Perylene-d12	15.421	264	232835	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	644635	85.204	ng	0.00
7) Phenol-d6	6.439	99	831375	86.541	ng	0.00
23) Nitrobenzene-d5	7.369	82	533149	63.214	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	136186	83.440	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	748778	64.664	ng	-0.01
79) Terphenyl-d14	12.921	244	569567	46.864	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	66690	11.308	ng	# 56
25) Isophorone	7.369	82	533144	33.475	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	26259	9.430	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	26259	7.393	ng	# 18
67) 4-Bromophenyl-phenylether	10.633	248	7371	2.609	ng	# 1
77) Benzidine	12.921	184	6797	2.041	ng	# 92

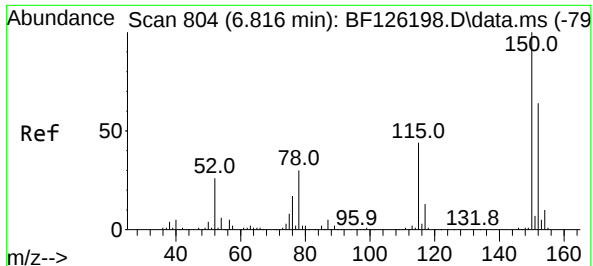
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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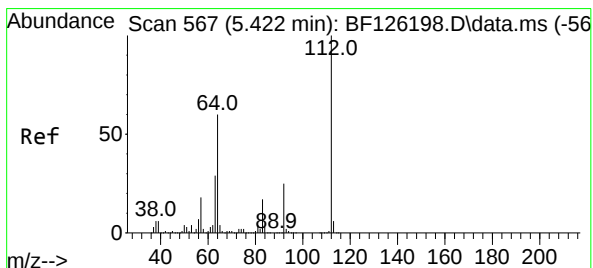
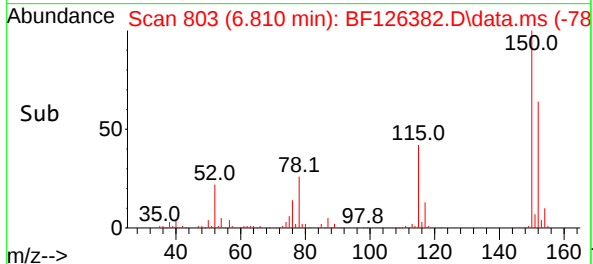
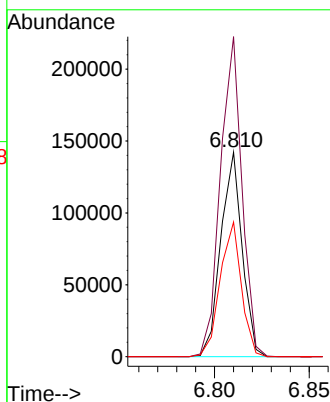
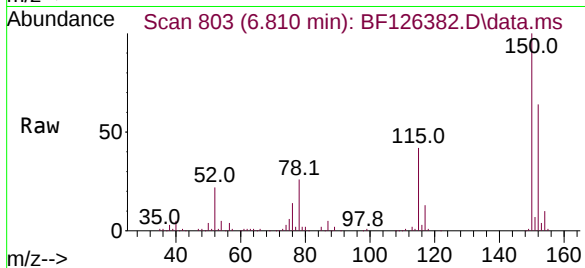




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126382.D
Acq: 28 Dec 2021 15:33

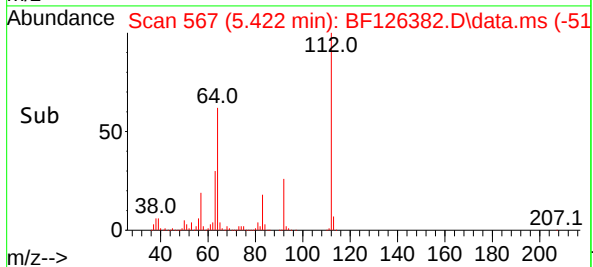
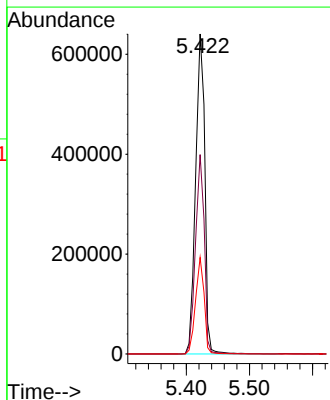
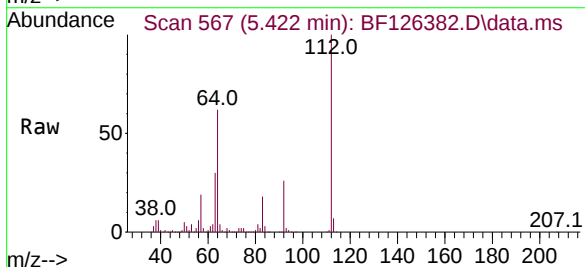
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-5-10

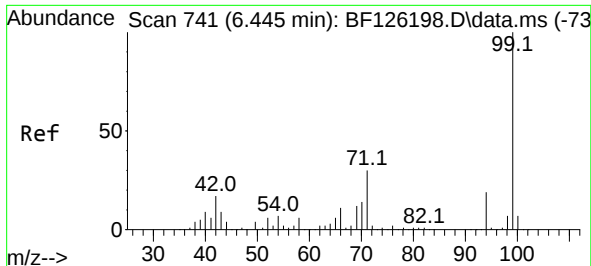
Tgt Ion:152 Resp: 111418
Ion Ratio Lower Upper
152 100
150 156.5 117.6 176.4
115 65.8 47.1 70.7



#5
2-Fluorophenol
Concen: 85.204 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF126382.D
Acq: 28 Dec 2021 15:33

Tgt Ion:112 Resp: 644635
Ion Ratio Lower Upper
112 100
64 62.3 44.2 66.2
63 30.2 26.2 39.2

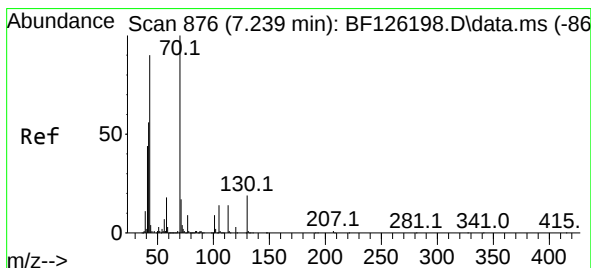
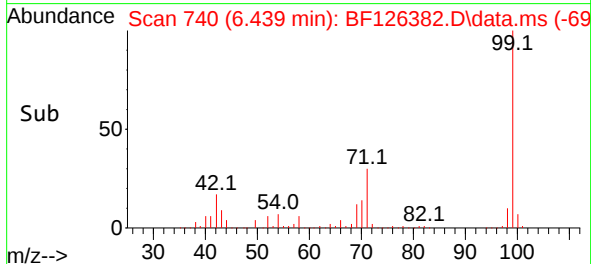
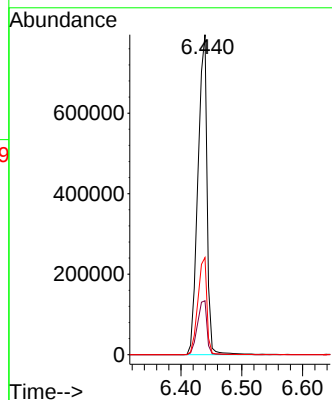
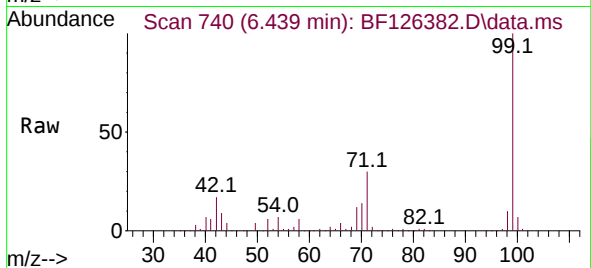




#7
Phenol-d6
Concen: 86.541 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126382.D
Acq: 28 Dec 2021 15:33

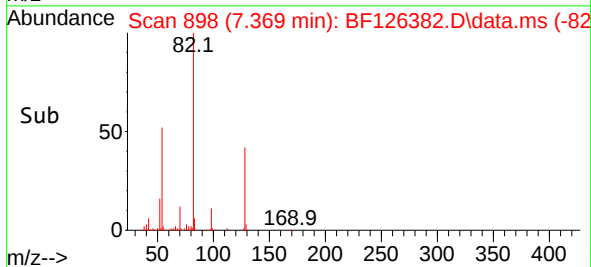
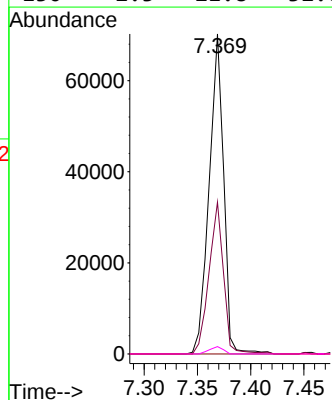
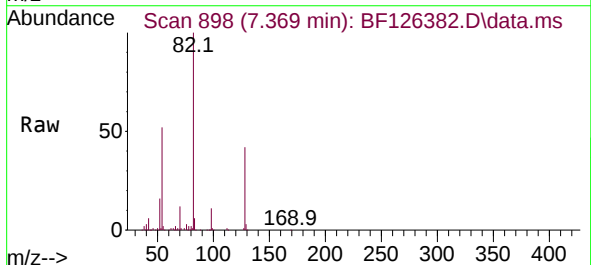
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-5-10

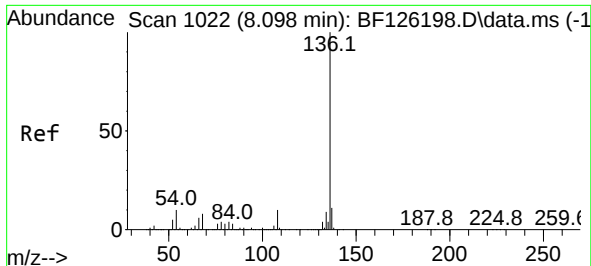
Tgt Ion: 99 Resp: 831375
Ion Ratio Lower Upper
99 100
42 16.9 23.5 35.3#
71 30.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.308 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.135 min
Lab File: BF126382.D
Acq: 28 Dec 2021 15:33

Tgt Ion: 70 Resp: 66690
Ion Ratio Lower Upper
70 100
42 47.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#



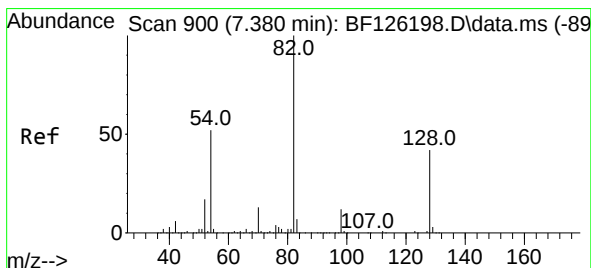
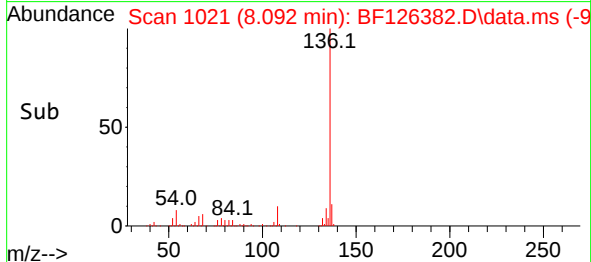
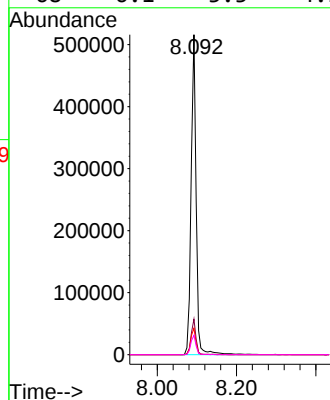
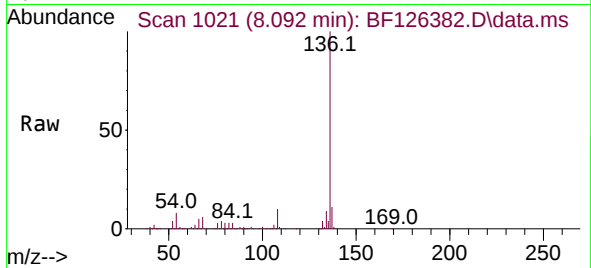


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF126382.D
Acq: 28 Dec 2021 15:33

Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-5-10

Tgt Ion:136 Resp: 456780

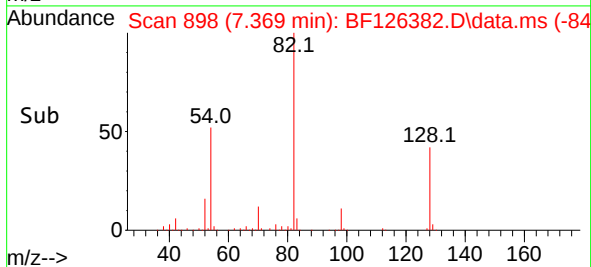
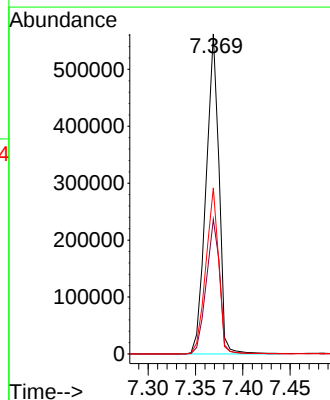
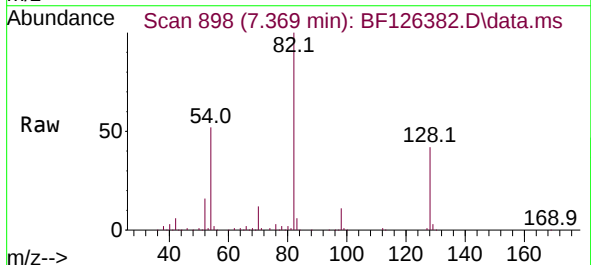
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	8.3	6.4	9.6
68	6.1	3.3	4.9

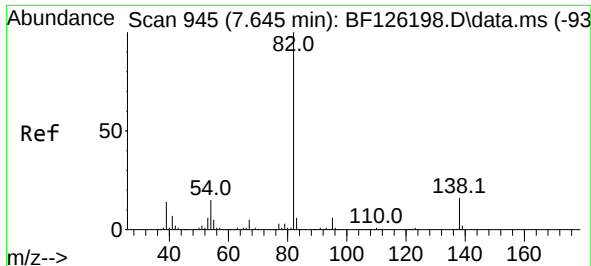


#23
Nitrobenzene-d5
Concen: 63.214 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126382.D
Acq: 28 Dec 2021 15:33

Tgt Ion: 82 Resp: 533149

Ion	Ratio	Lower	Upper
82	100		
128	42.1	40.6	60.8
54	51.9	49.6	74.4

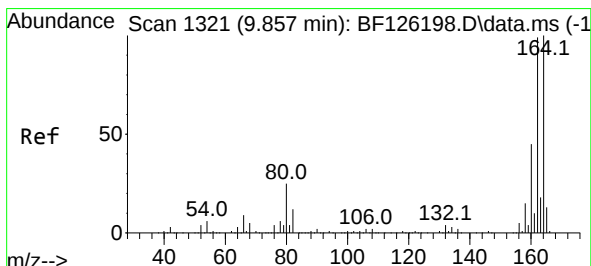
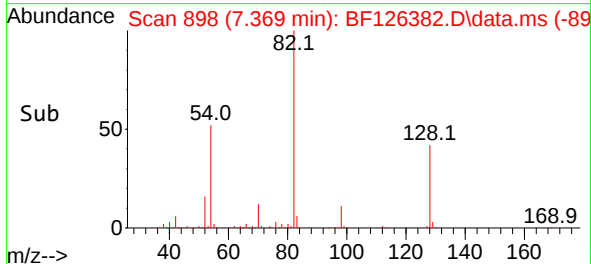
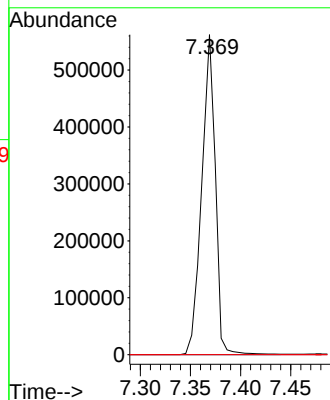
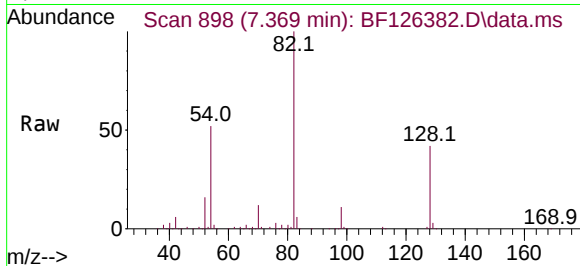




#25
Isophorone
Concen: 33.475 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF126382.D
Acq: 28 Dec 2021 15:33

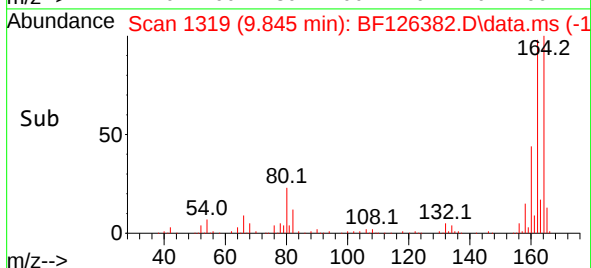
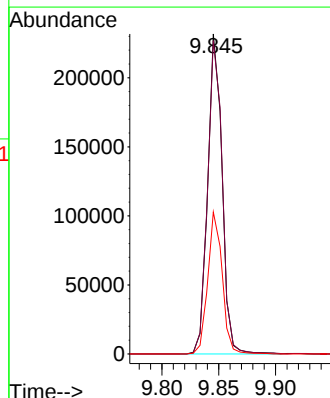
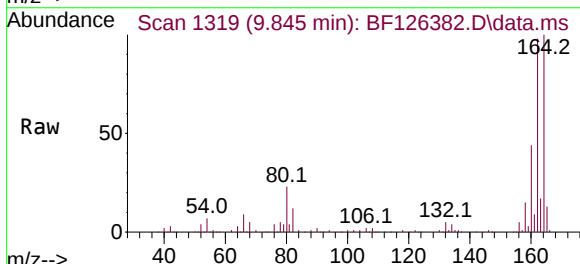
Instrument :
BNA_F
ClientSampleId :
SASP2-119-1-5-10

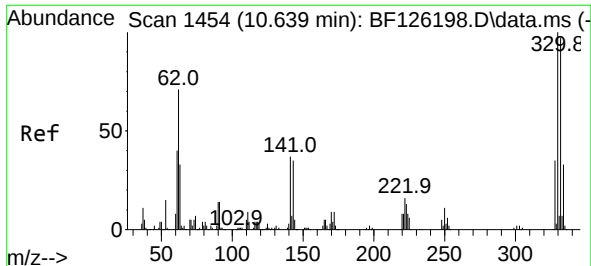
Tgt Ion: 82 Resp: 533144
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF126382.D
Acq: 28 Dec 2021 15:33

Tgt Ion: 164 Resp: 203092
Ion Ratio Lower Upper
164 100
162 97.9 81.3 121.9
160 44.4 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 83.440 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF126382.D

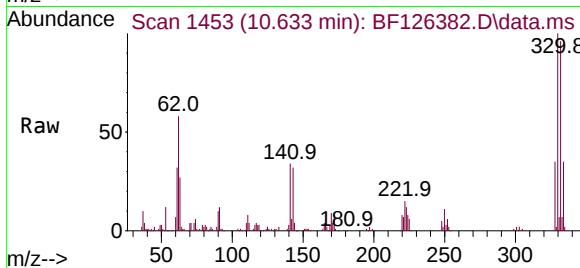
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Instrument :

BNA_F

ClientSampleId :

SASP2-119-1-5-10



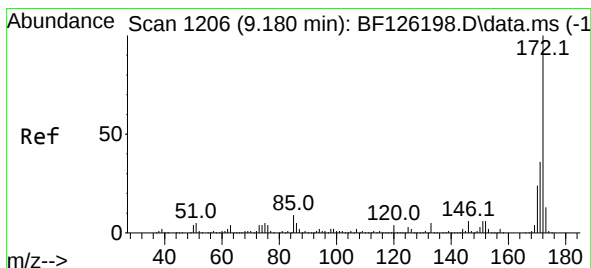
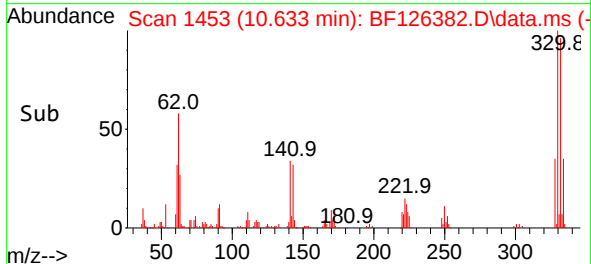
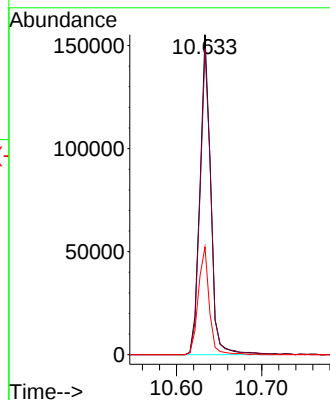
Tgt Ion:330 Resp: 136186

Ion Ratio Lower Upper

330 100

332 96.7 76.2 114.4

141 34.2 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 64.664 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.012 min

Lab File: BF126382.D

Acq: 28 Dec 2021 15:33

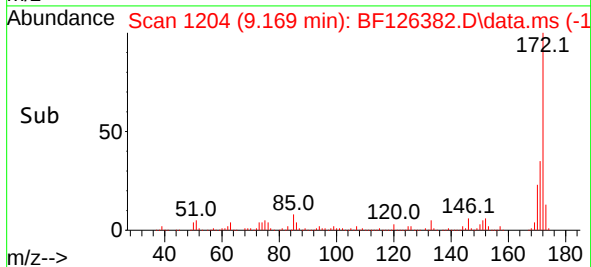
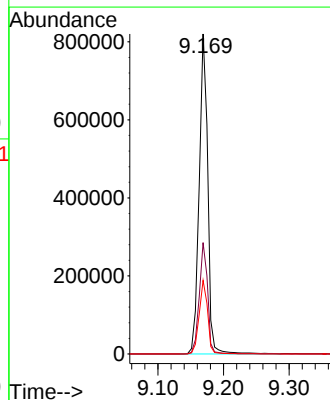
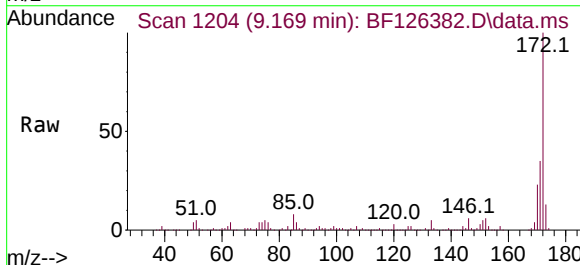
Tgt Ion:172 Resp: 748778

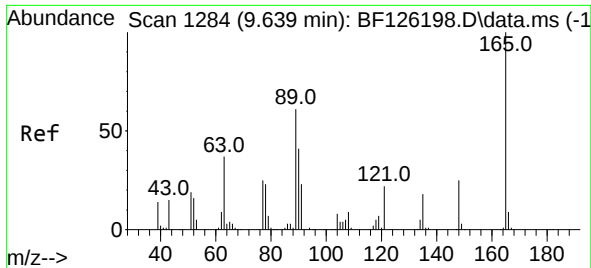
Ion Ratio Lower Upper

172 100

171 34.8 26.5 39.7

170 23.0 18.8 28.2

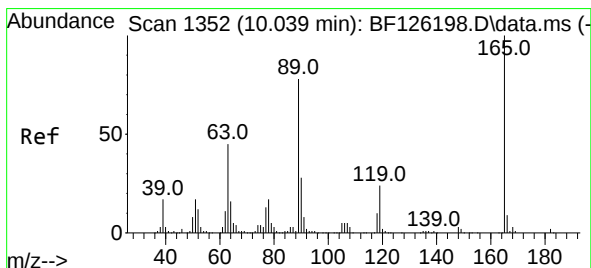
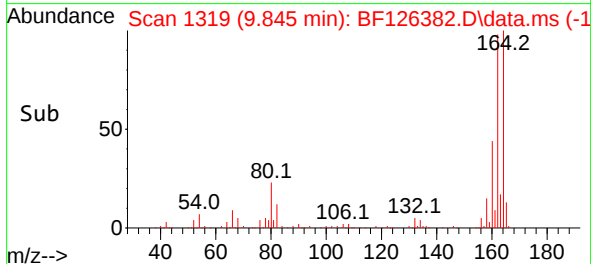
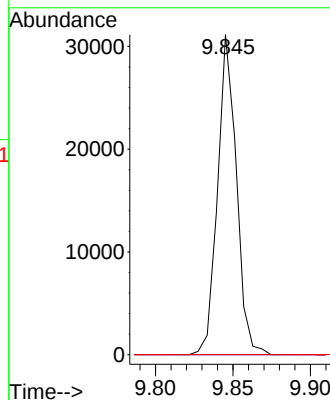
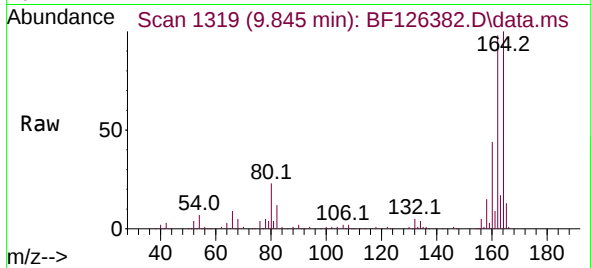




#51
2,6-Dinitrotoluene
Concen: 9.430 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126382.D
Acq: 28 Dec 2021 15:33

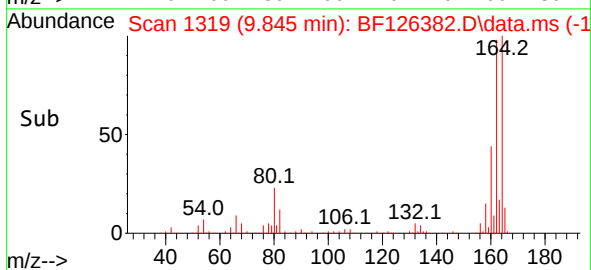
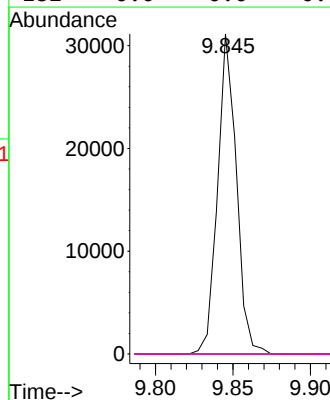
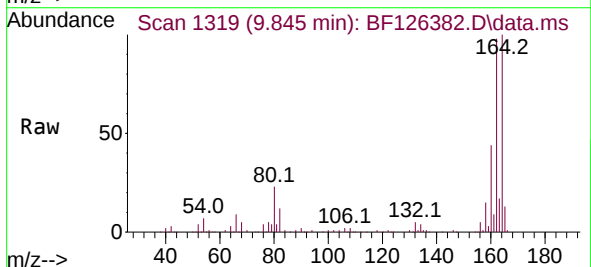
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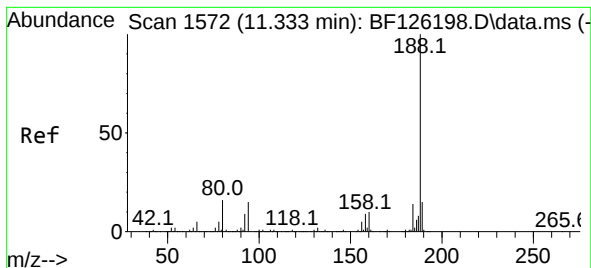
Tgt Ion:165 Resp: 26259
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.393 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF126382.D
Acq: 28 Dec 2021 15:33

Tgt Ion:165 Resp: 26259
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

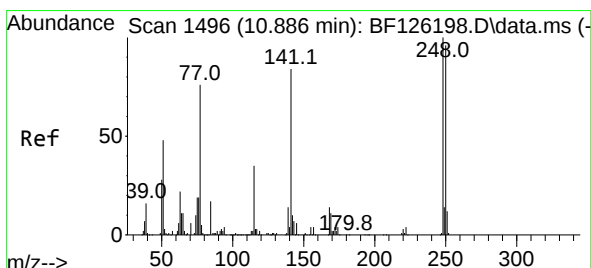
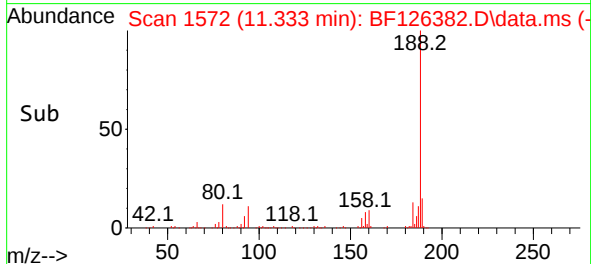
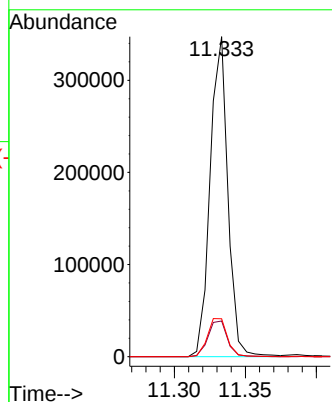
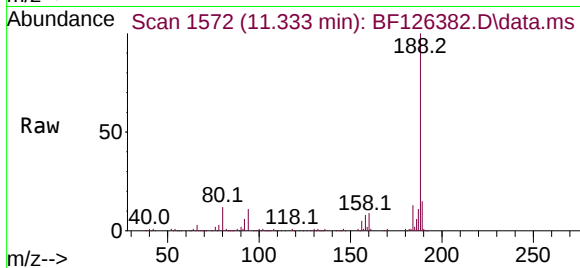




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126382.D
Acq: 28 Dec 2021 15:33

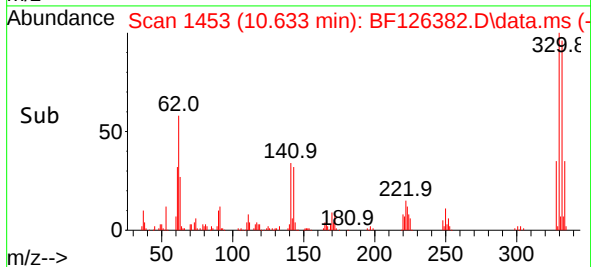
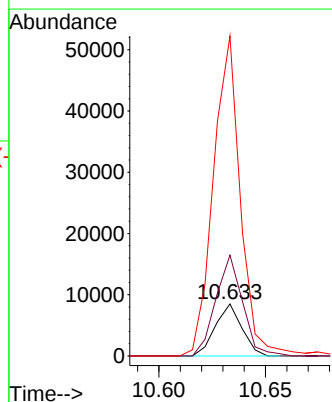
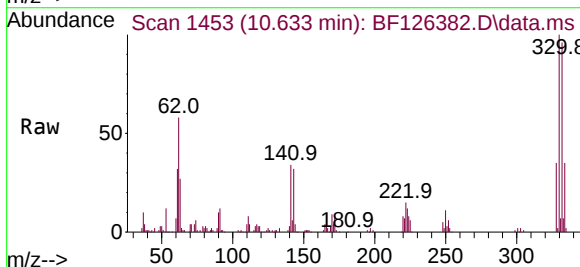
Instrument :
BNA_F
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SASP2-119-1-5-10

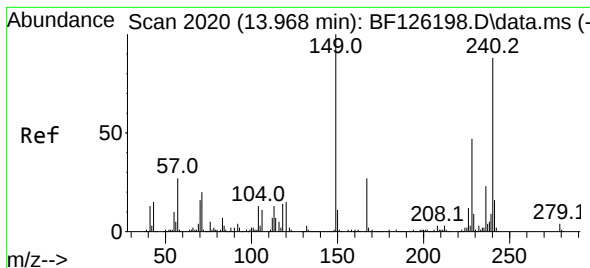
Tgt Ion:188 Resp: 301073
Ion Ratio Lower Upper
188 100
94 11.1 6.7 10.1#
80 11.9 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 2.609 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.253 min
Lab File: BF126382.D
Acq: 28 Dec 2021 15:33

Tgt Ion:248 Resp: 7371
Ion Ratio Lower Upper
248 100
250 193.9 74.2 111.4#
141 615.8 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF126382.D

Acq: 28 Dec 2021 15:33

Instrument :

BNA_F

ClientSampleId :

SASP2-119-1-5-10

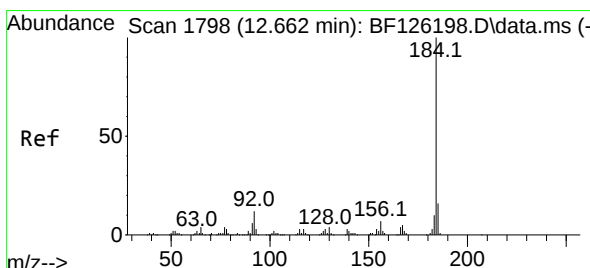
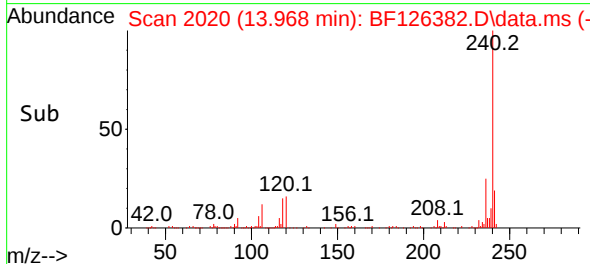
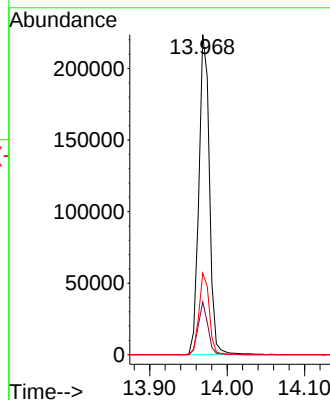
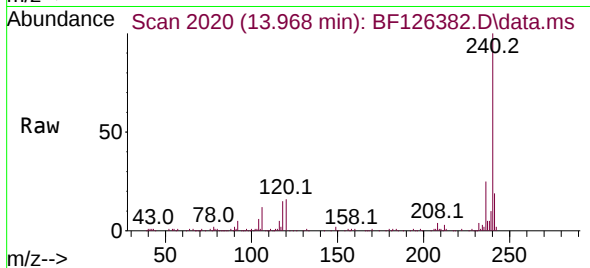
Tgt Ion:240 Resp: 211242

Ion Ratio Lower Upper

240 100

120 16.5 10.8 16.2#

236 25.4 21.6 32.4



#77

Benzidine

Concen: 2.041 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.247 min

Lab File: BF126382.D

Acq: 28 Dec 2021 15:33

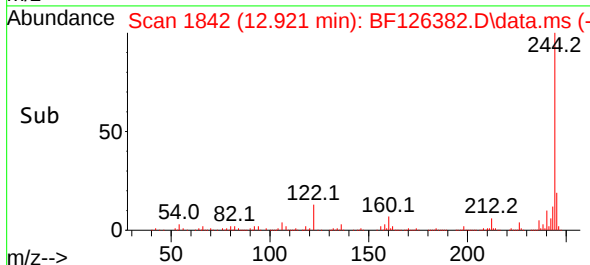
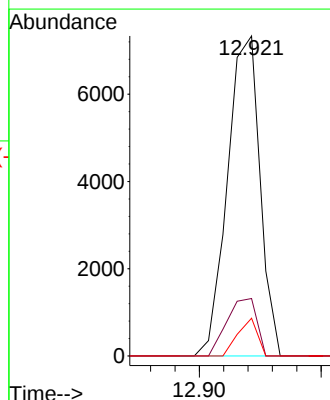
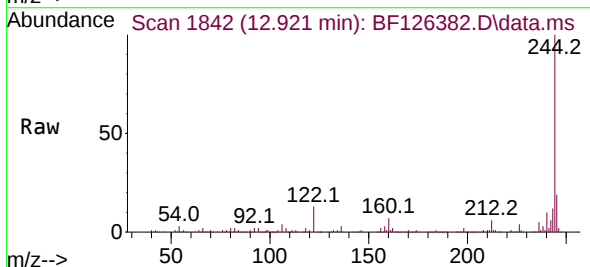
Tgt Ion:184 Resp: 6797

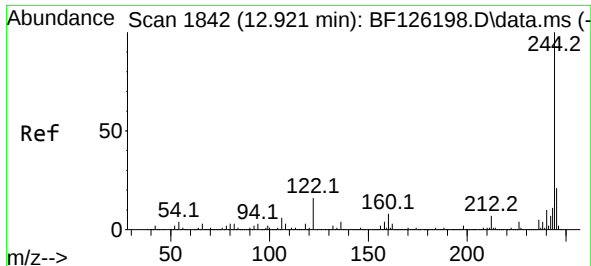
Ion Ratio Lower Upper

184 100

185 18.0 10.8 16.2#

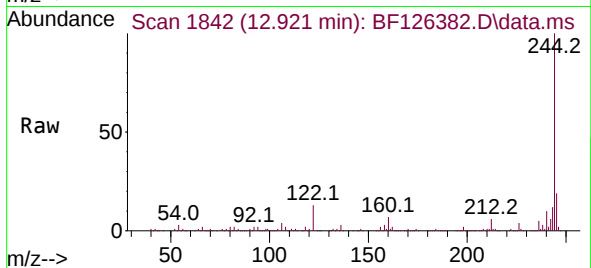
183 11.8 8.1 12.1



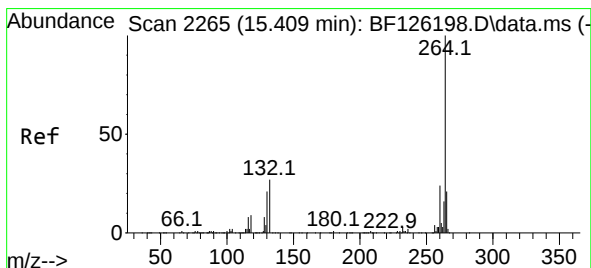
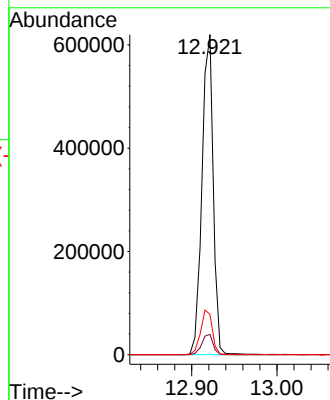
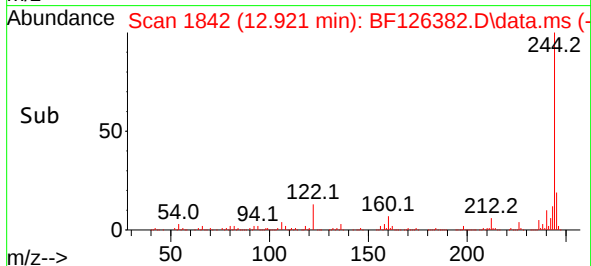


#79
 Terphenyl-d14
 Concen: 46.864 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF126382.D
 Acq: 28 Dec 2021 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-119-1-5-10



Tgt Ion:244 Resp: 569567
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.9 8.9
 122 12.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF126382.D
 Acq: 28 Dec 2021 15:33

Tgt Ion:264 Resp: 232835
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 20.3 17.2 25.8

