

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126308.D
 Acq On : 21 Dec 2021 21:18
 Operator : JU/CG
 Sample : M5184-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:22:50 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)

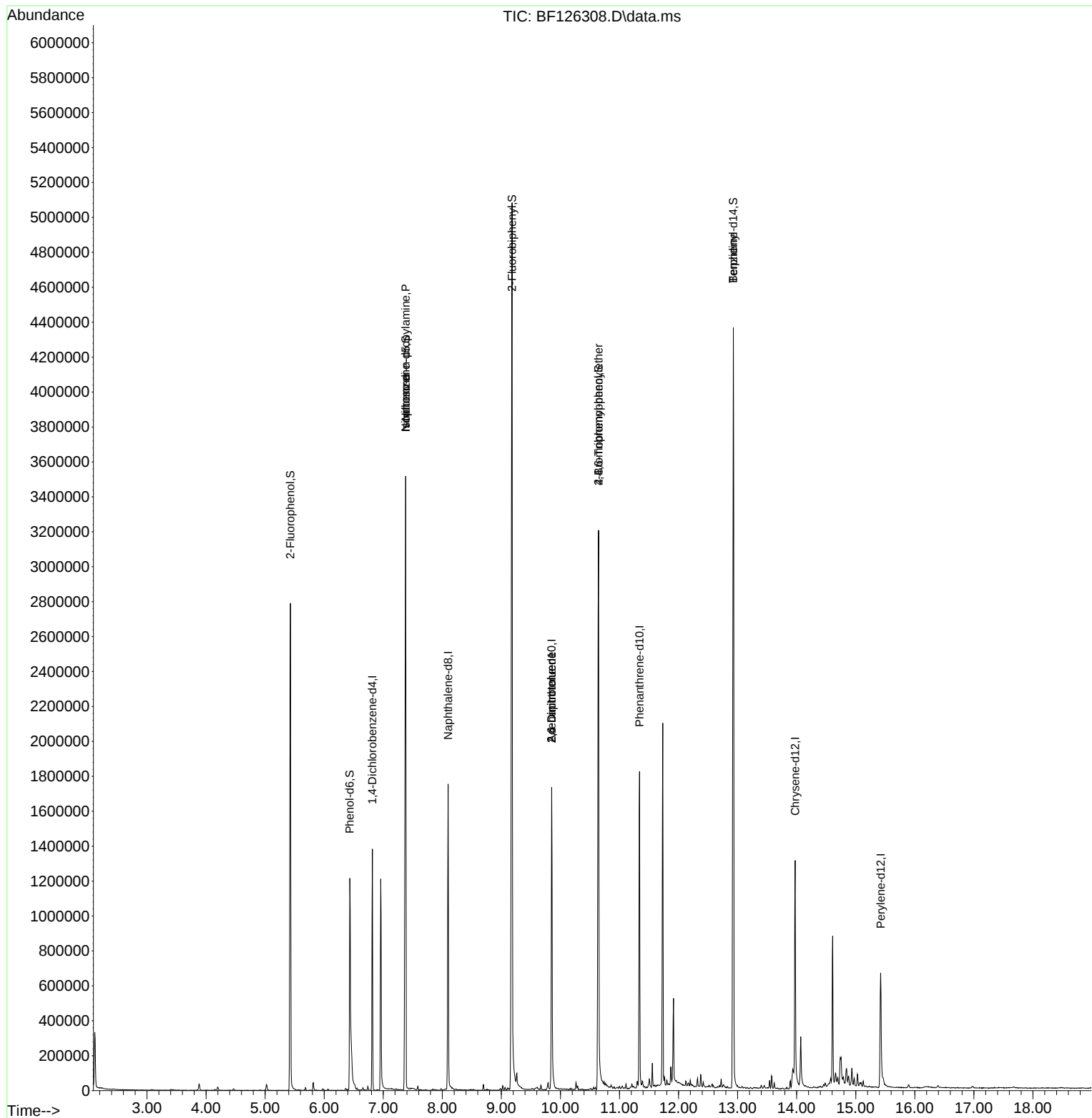
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	190968	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	829087	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	406504	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	661875	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	465777	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	356202	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	791465	61.034	ng	0.00
7) Phenol-d6	6.434	99	674123	40.941	ng	-0.01
23) Nitrobenzene-d5	7.381	82	1420101	92.766	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	487748	149.302	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2005441	86.526	ng	0.00
79) Terphenyl-d14	12.927	244	1748282	65.240	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	182989	18.103	ng	# 55
25) Isophorone	7.381	82	1360111	47.049	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	51647	9.267	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	51965	7.309	ng	# 19
67) 4-Bromophenyl-phenylether	10.645	248	24944	4.016	ng	# 1
77) Benzidine	12.927	184	21502	2.928	ng	# 93

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

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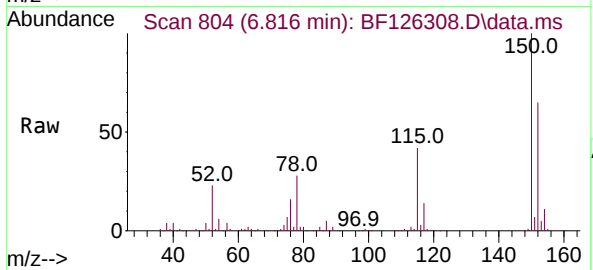
Quant Time: Dec 22 05:22:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration



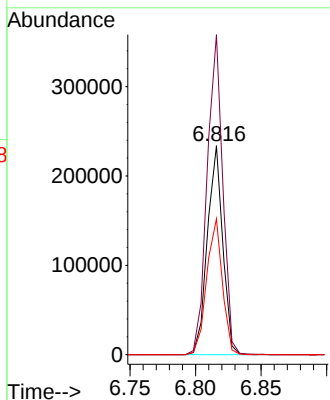
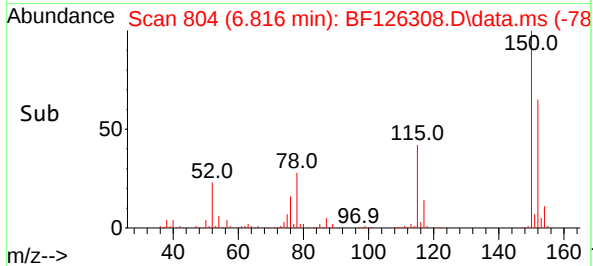


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

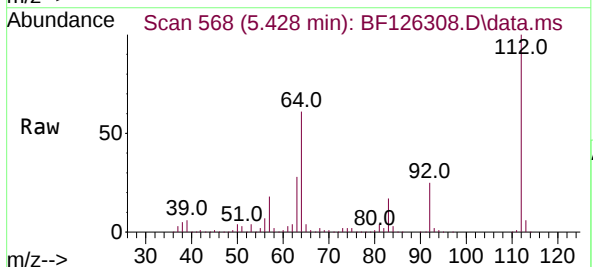
Instrument :
BNA_F
ClientSampleId :



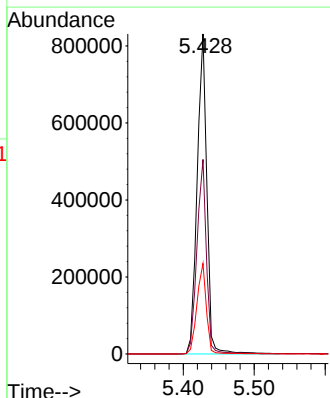
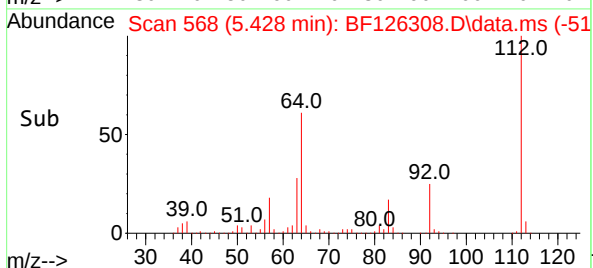
Tgt Ion:152 Resp: 190968
Ion Ratio Lower Upper
152 100
150 153.2 117.6 176.4
115 65.1 47.1 70.7

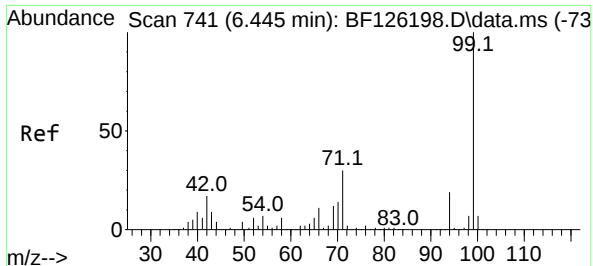


#5
2-Fluorophenol
Concen: 61.034 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18



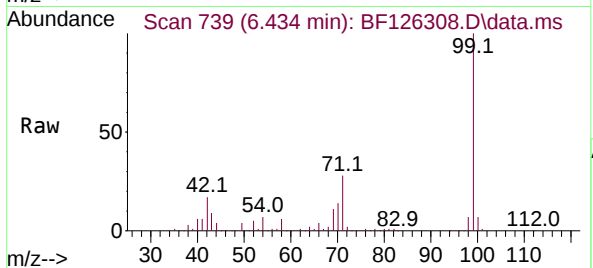
Tgt Ion:112 Resp: 791465
Ion Ratio Lower Upper
112 100
64 60.8 44.2 66.2
63 28.3 26.2 39.2



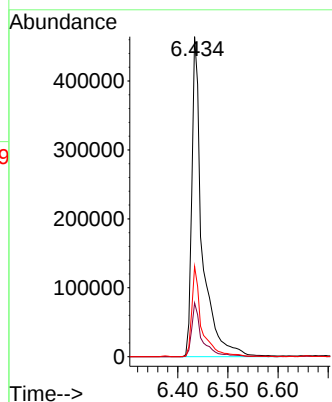
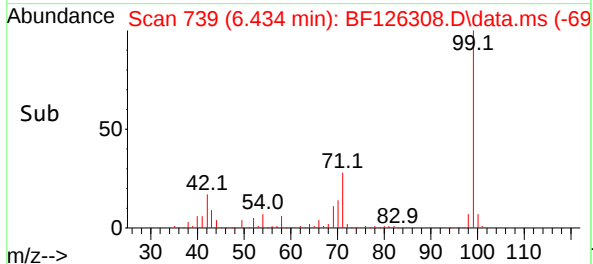


#7
Phenol-d6
Concen: 40.941 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

Instrument :
BNA_F
ClientSampleId :

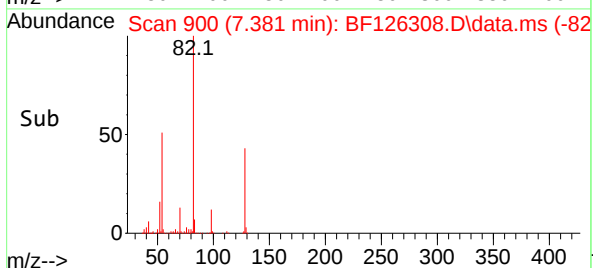
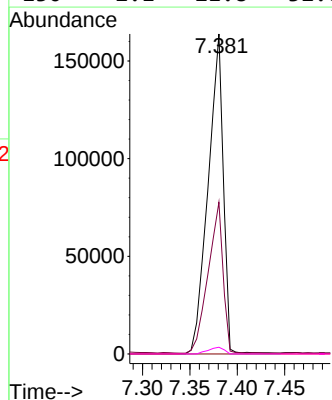
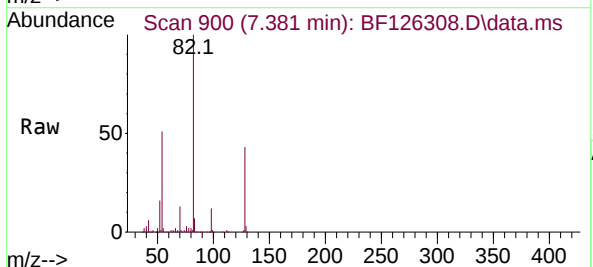


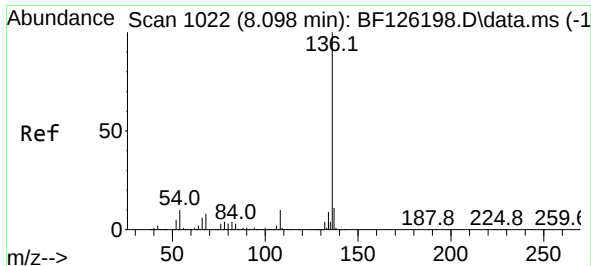
Tgt Ion: 99 Resp: 674123
Ion Ratio Lower Upper
99 100
42 16.8 23.5 35.3#
71 28.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.103 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

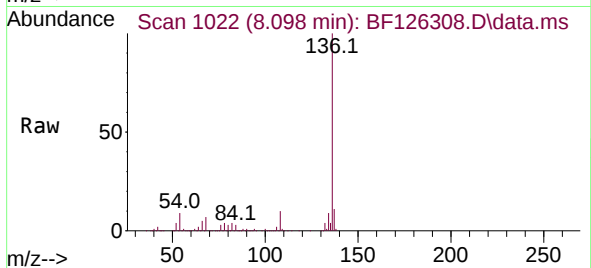
Tgt Ion: 70 Resp: 182989
Ion Ratio Lower Upper
70 100
42 47.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#



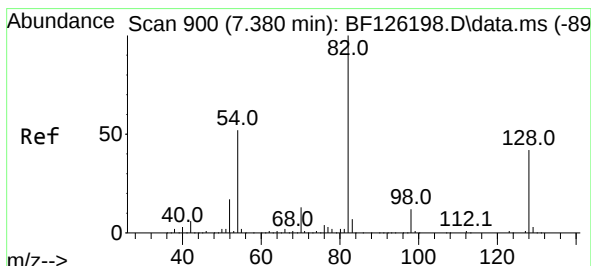
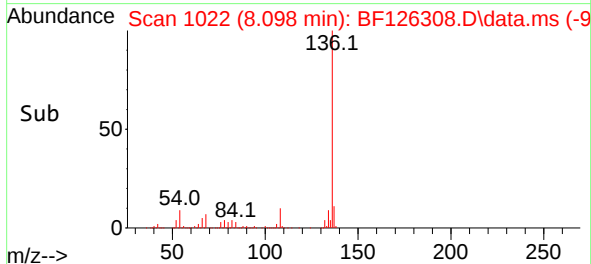
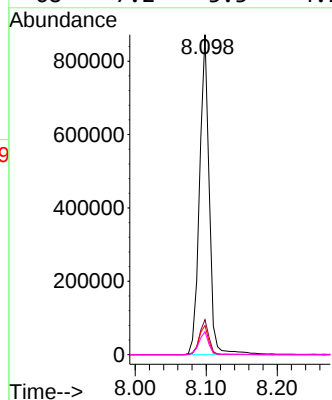


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

Instrument :
BNA_F
ClientSampleId :

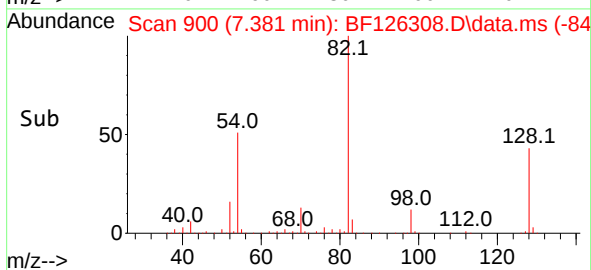
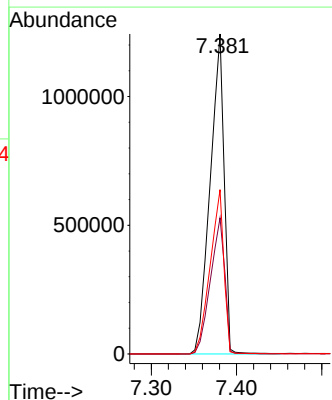
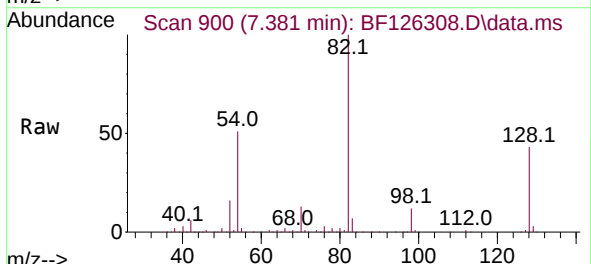


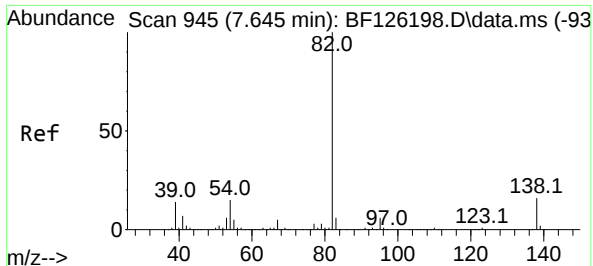
Tgt Ion:	136	Resp:	829087
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	9.1	6.4	9.6
68	7.2	3.3	4.9



#23
Nitrobenzene-d5
Concen: 92.766 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

Tgt Ion:	82	Resp:	1420101
Ion	Ratio	Lower	Upper
82	100		
128	42.5	40.6	60.8
54	51.3	49.6	74.4

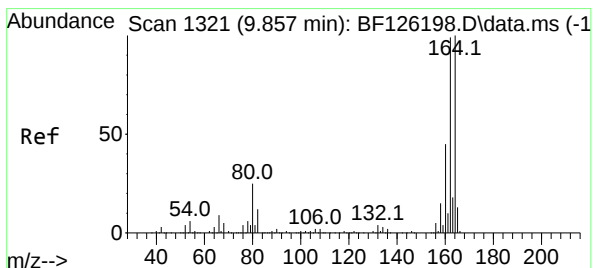
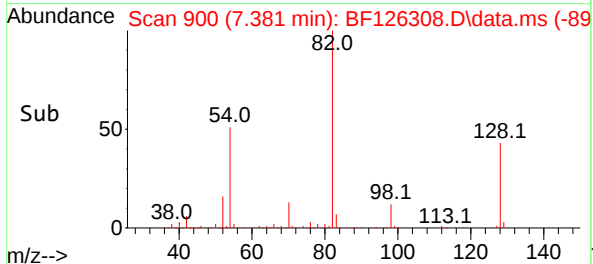
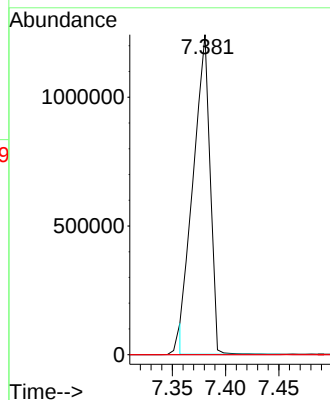
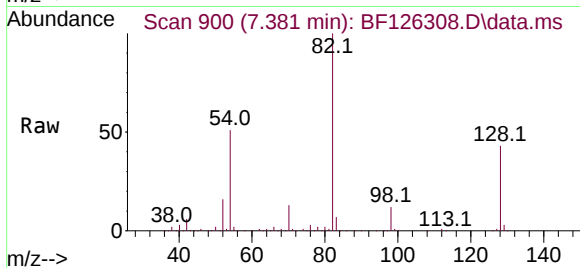




#25
Isophorone
Concen: 47.049 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

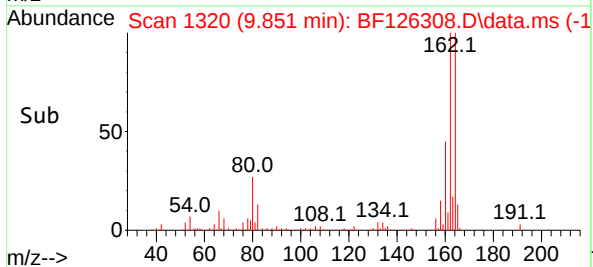
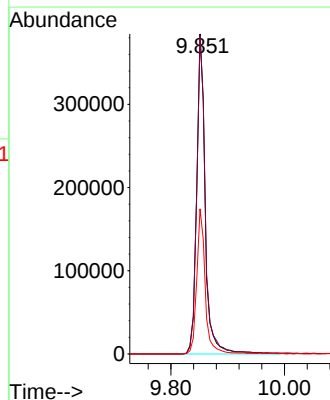
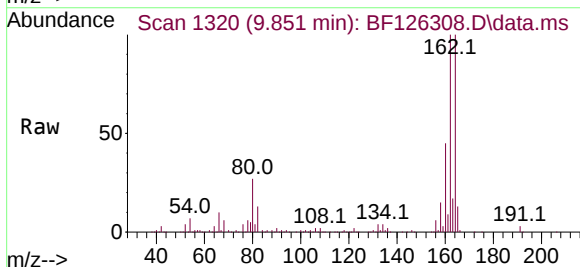
Instrument :
BNA_F
ClientSampleId :

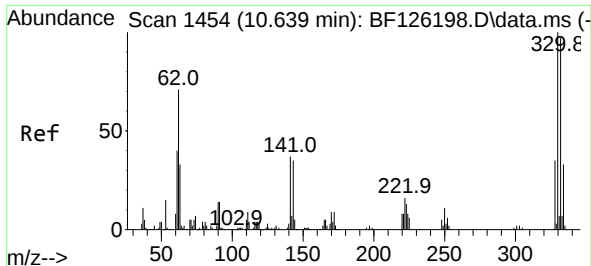
Tgt Ion: 82 Resp: 1360111
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

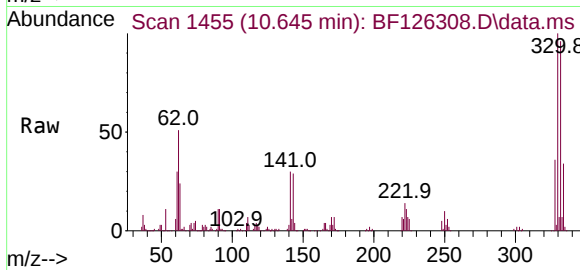
Tgt Ion:164 Resp: 406504
Ion Ratio Lower Upper
164 100
162 99.5 81.3 121.9
160 45.4 38.0 57.0



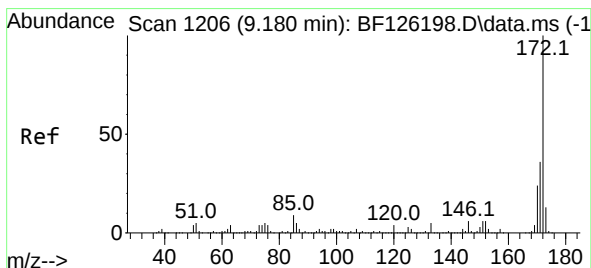
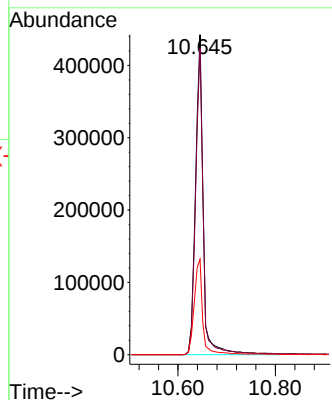
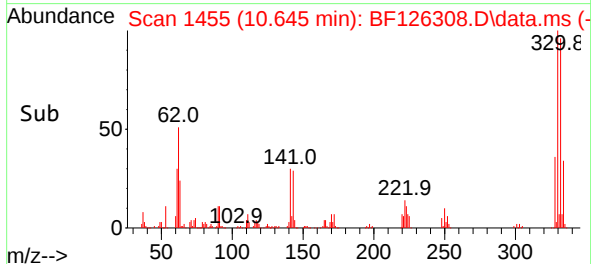


#42
2,4,6-Tribromophenol
Concen: 149.302 ng
RT: 10.645 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

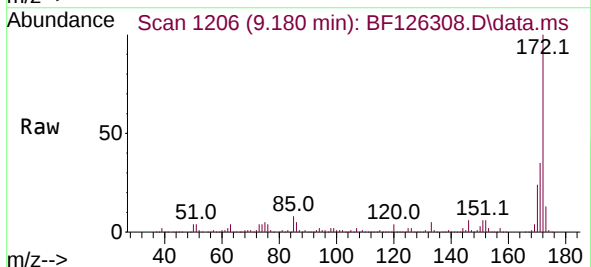
Instrument :
BNA_F
ClientSampleId :



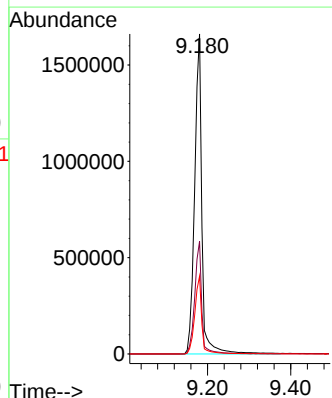
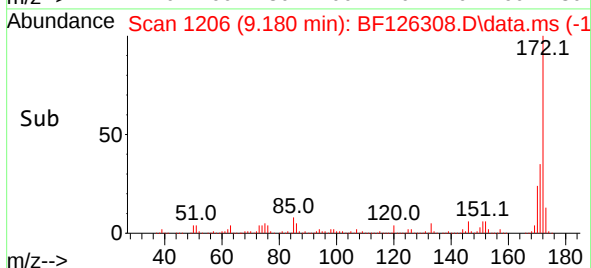
Tgt Ion:330 Resp: 487748
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 32.7 44.6 66.8#

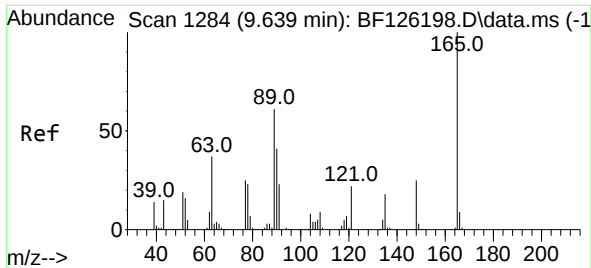


#45
2-Fluorobiphenyl
Concen: 86.526 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18



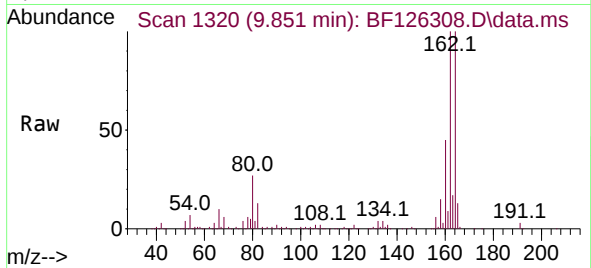
Tgt Ion:172 Resp: 2005441
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 24.3 18.8 28.2



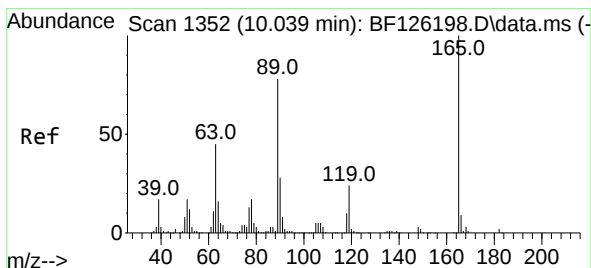
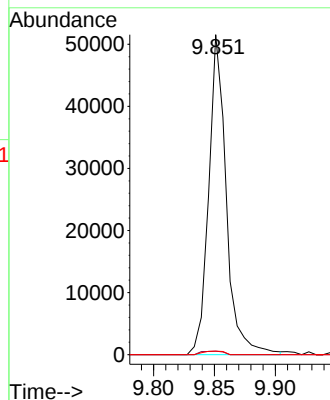
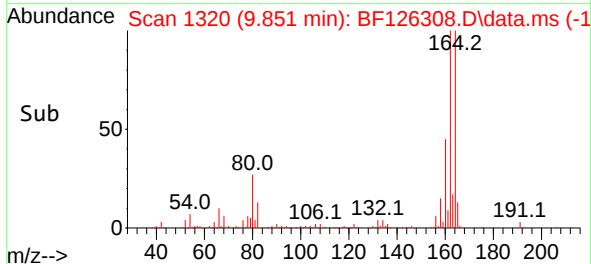


#51
2,6-Dinitrotoluene
Concen: 9.267 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

Instrument :
BNA_F
ClientSampleId :

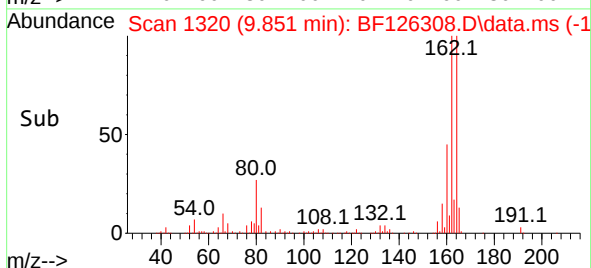
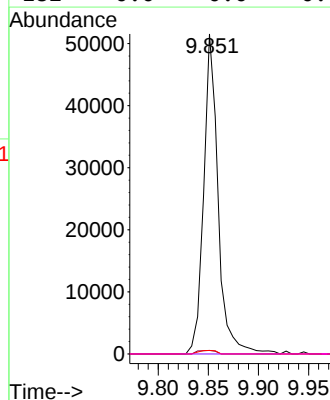
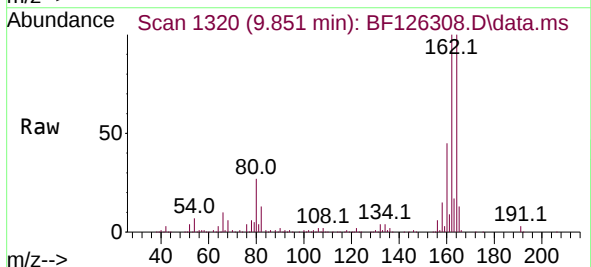


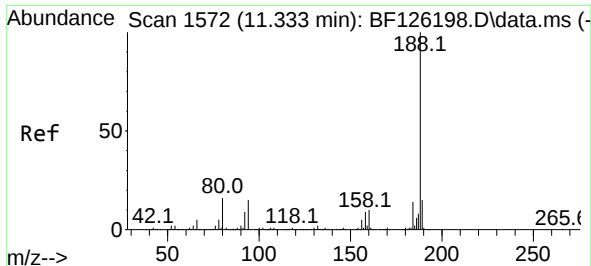
Tgt Ion:165 Resp: 51647
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.309 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

Tgt Ion:165 Resp: 51965
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

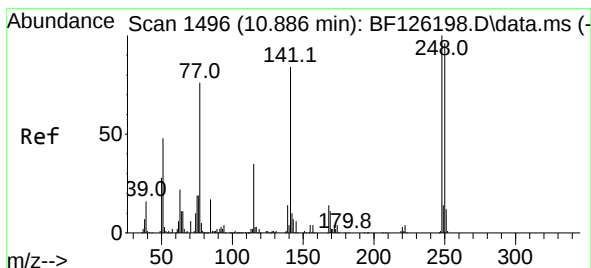
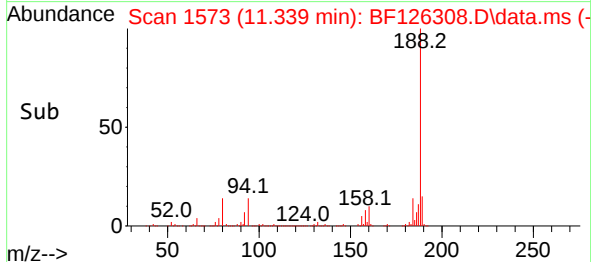
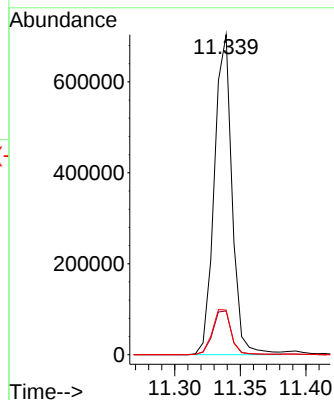
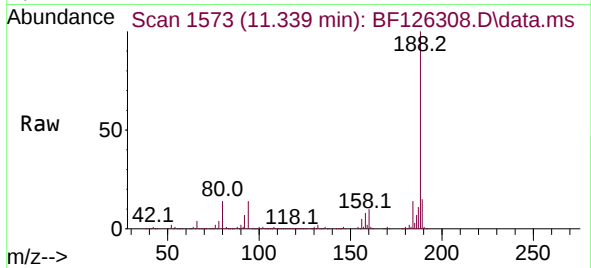




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

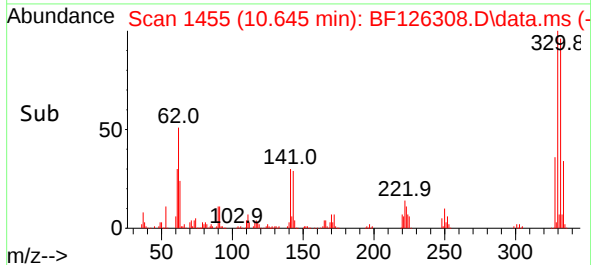
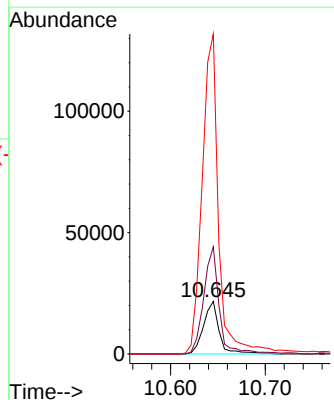
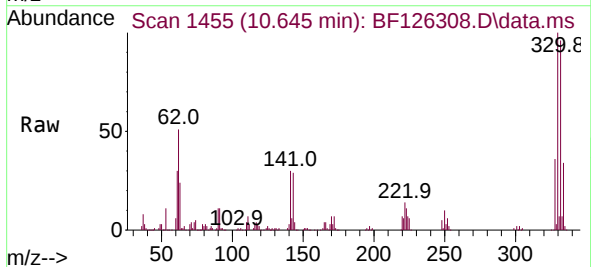
Instrument :
BNA_F
ClientSampleId :

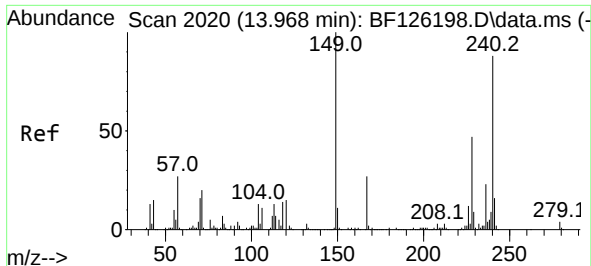
Tgt Ion:188 Resp: 661875
Ion Ratio Lower Upper
188 100
94 13.7 6.7 10.1#
80 13.9 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 4.016 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

Tgt Ion:248 Resp: 24944
Ion Ratio Lower Upper
248 100
250 203.7 74.2 111.4#
141 607.9 60.4 90.6#

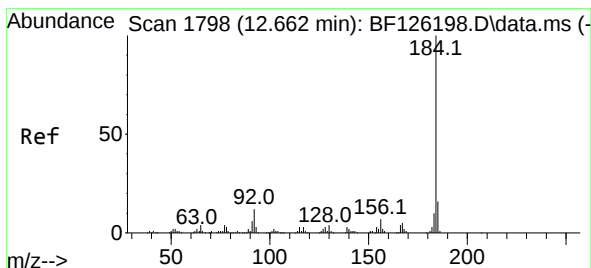
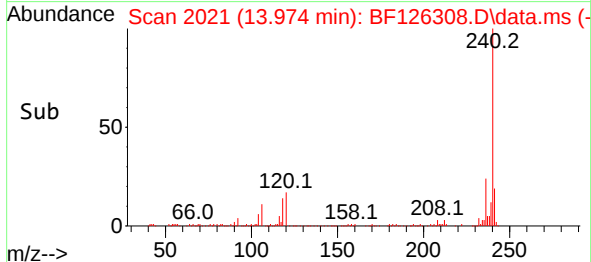
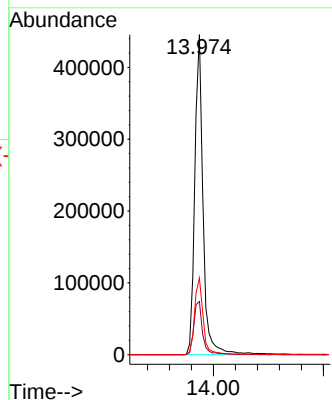
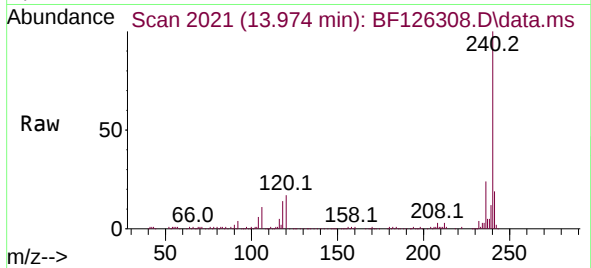




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

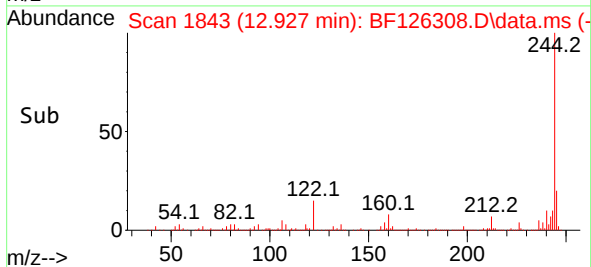
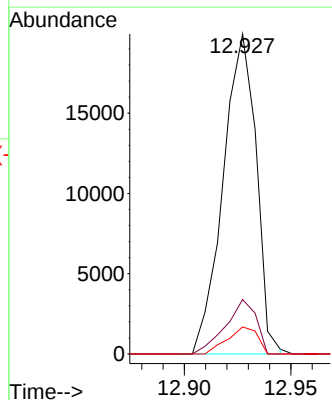
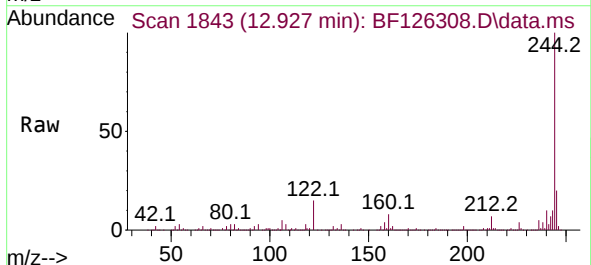
Instrument :
BNA_F
ClientSampleId :

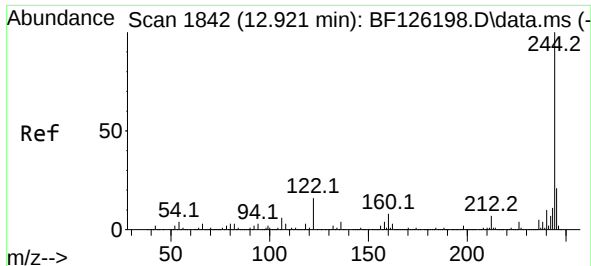
Tgt Ion:240 Resp: 465777
Ion Ratio Lower Upper
240 100
120 16.7 10.8 16.2#
236 24.0 21.6 32.4



#77
Benzidine
Concen: 2.928 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.265 min
Lab File: BF126308.D
Acq: 21 Dec 2021 21:18

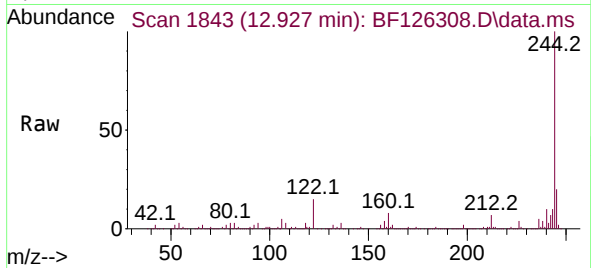
Tgt Ion:184 Resp: 21502
Ion Ratio Lower Upper
184 100
185 17.0 10.8 16.2#
183 8.5 8.1 12.1



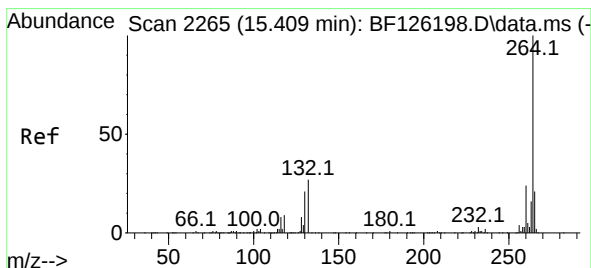
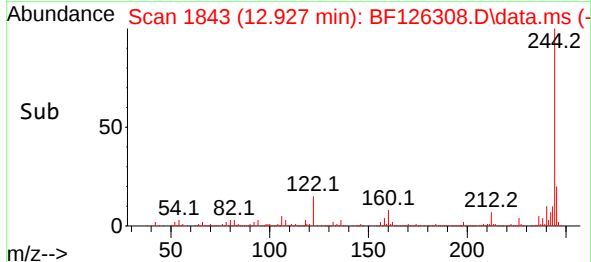
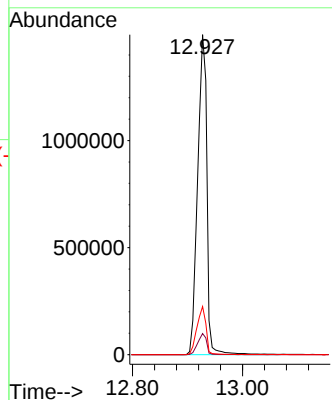


#79
 Terphenyl-d14
 Concen: 65.240 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126308.D
 Acq: 21 Dec 2021 21:18

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1748282
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 15.0 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.012 min
 Lab File: BF126308.D
 Acq: 21 Dec 2021 21:18

Tgt Ion:264 Resp: 356202
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.6 29.4
 265 21.1 17.2 25.8

