

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126207.D
 Acq On : 16 Dec 2021 11:52
 Operator : JU/CG
 Sample : PB141409BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 16 13:53:53 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)

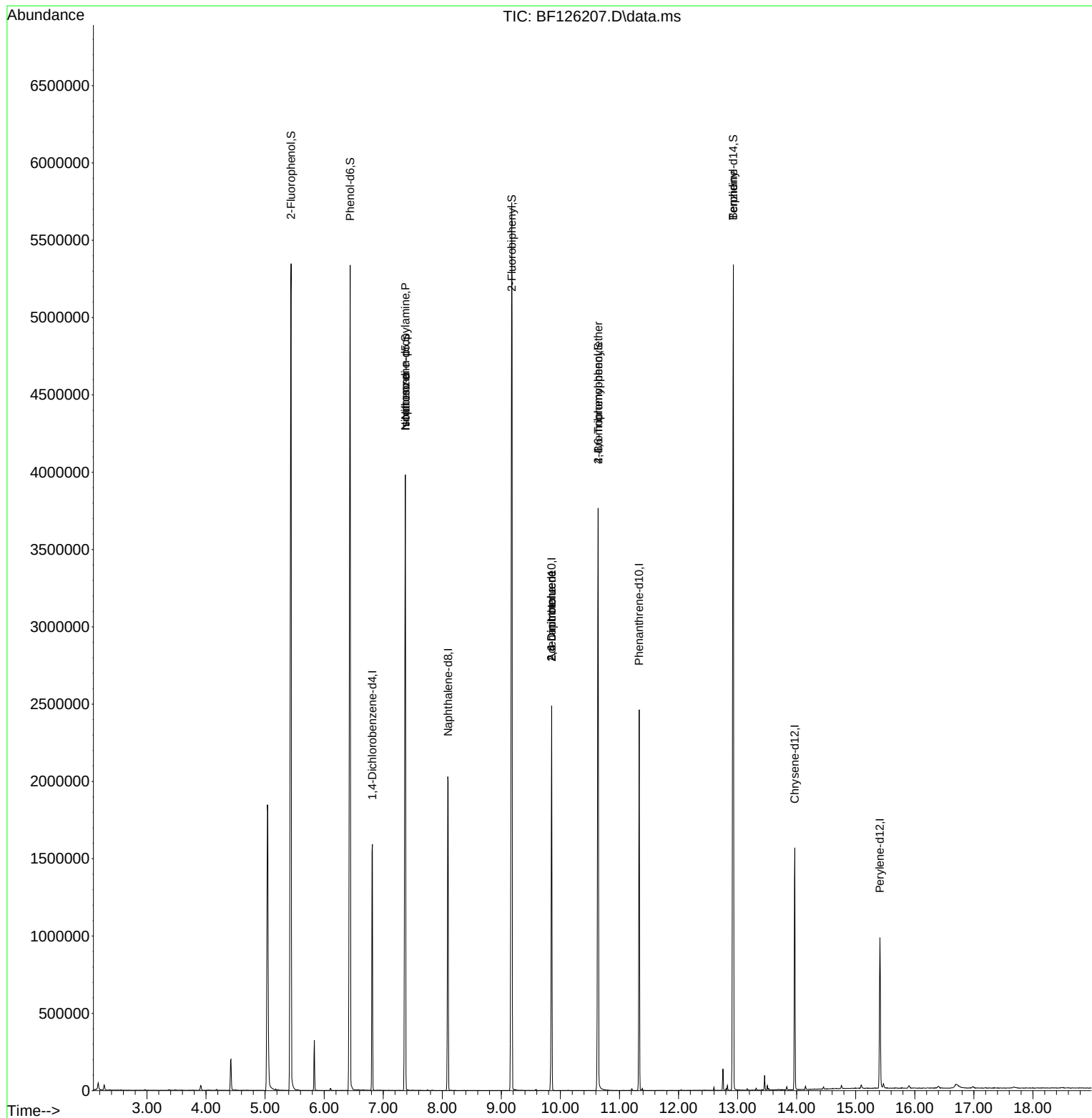
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	237946	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	1046459	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	496501	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	778823	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	503857	20.000	ng	0.00
86) Perylene-d12	15.410	264	384256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1919533	118.800	ng	0.02
7) Phenol-d6	6.440	99	2394513	116.714	ng	0.00
23) Nitrobenzene-d5	7.375	82	1612455	83.452	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	485720	121.731	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	2142798	75.694	ng	0.00
79) Terphenyl-d14	12.927	244	1966108	67.823	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	208670	16.568	ng	# 54
25) Isophorone	7.375	82	1464706	40.143	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	63700	9.357	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	63700	7.336	ng	# 20
67) 4-Bromophenyl-phenylether	10.639	248	25168	3.443	ng	# 1
77) Benzidine	12.927	184	24531	3.088	ng	# 94

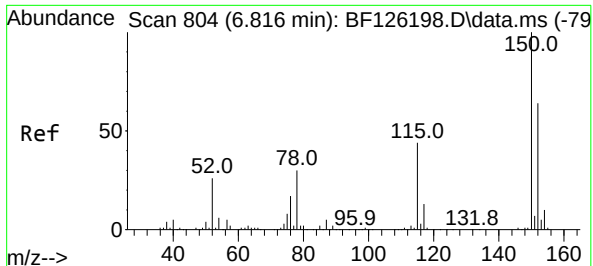
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126207.D
Acq On : 16 Dec 2021 11:52
Operator : JU/CG
Sample : PB141409BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

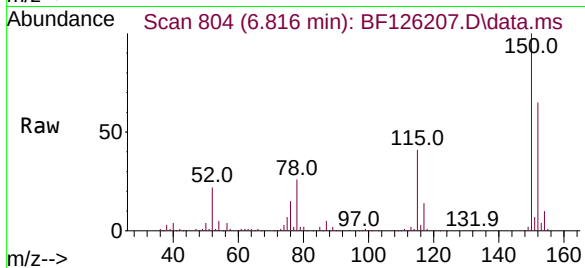
Quant Time: Dec 16 13:53:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration



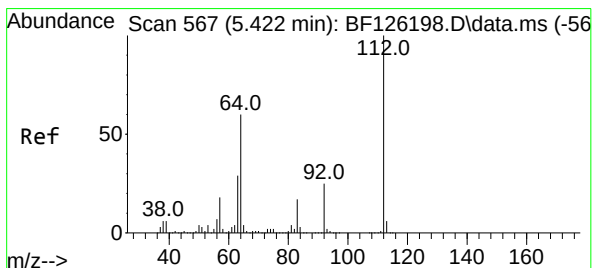
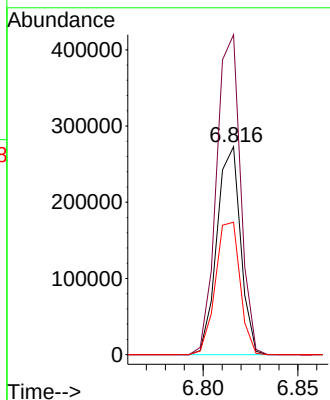
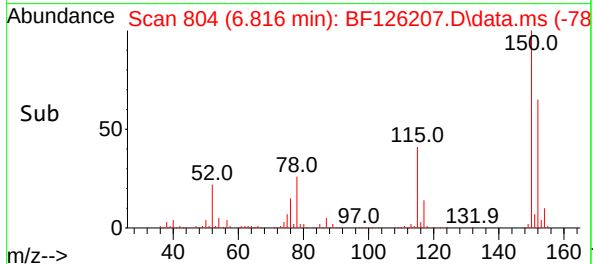


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF126207.D
Acq: 16 Dec 2021 11:52

Instrument :
BNA_F
ClientSampleId :

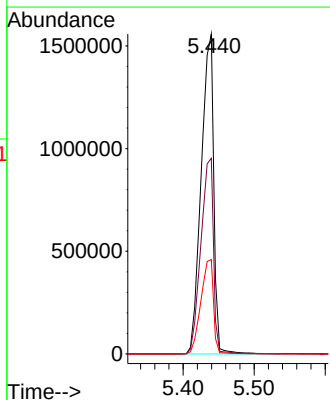
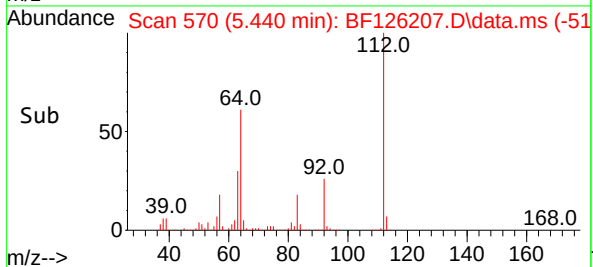
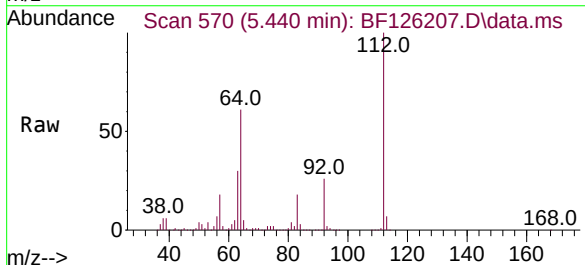


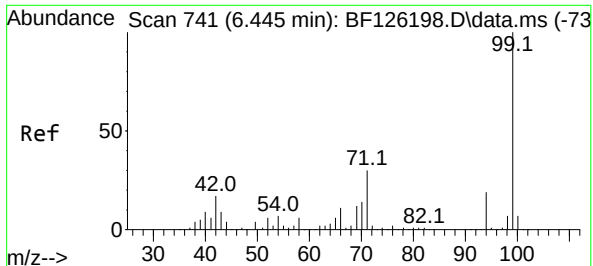
Tgt Ion:152 Resp: 237946
Ion Ratio Lower Upper
152 100
150 153.9 117.6 176.4
115 63.7 47.1 70.7



#5
2-Fluorophenol
Concen: 118.800 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF126207.D
Acq: 16 Dec 2021 11:52

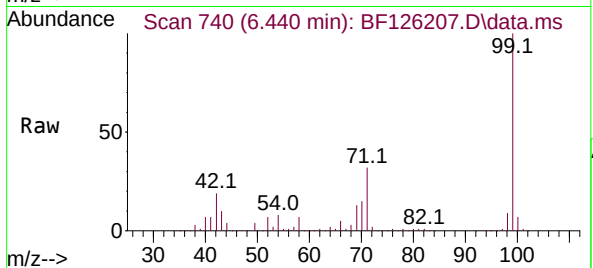
Tgt Ion:112 Resp: 1919533
Ion Ratio Lower Upper
112 100
64 61.2 44.2 66.2
63 29.5 26.2 39.2





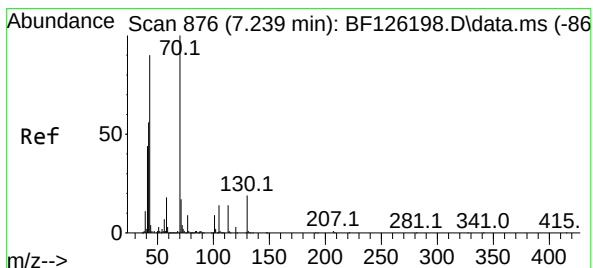
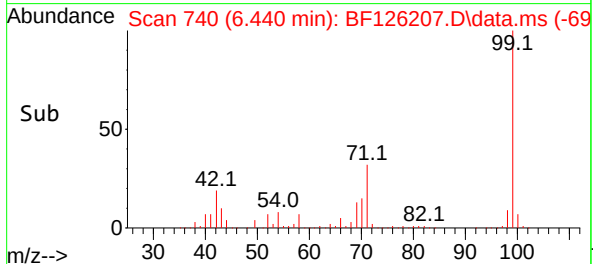
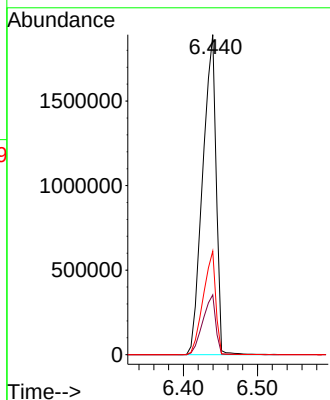
#7
Phenol-d6
Concen: 116.714 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126207.D
Acq: 16 Dec 2021 11:52

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 2394513

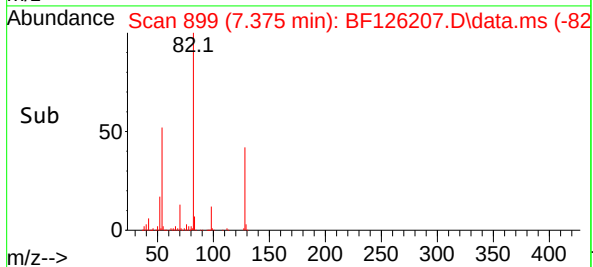
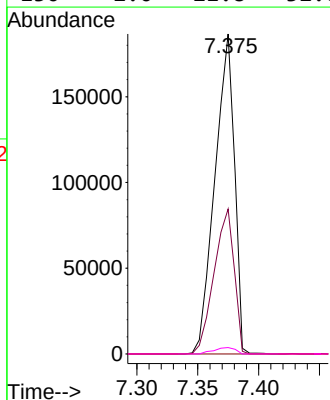
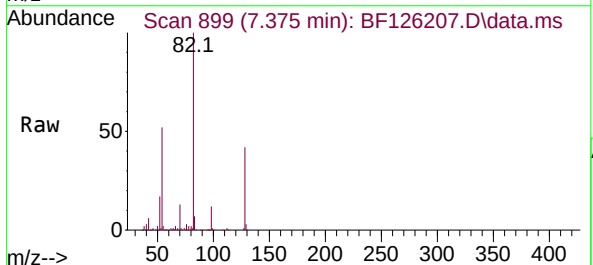
Ion	Ratio	Lower	Upper
99	100		
42	18.7	23.5	35.3#
71	32.4	25.6	38.4

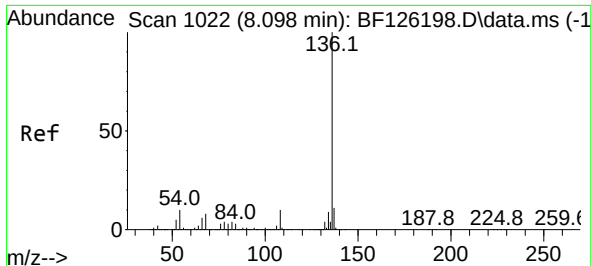


#19
n-Nitroso-di-n-propylamine
Concen: 16.568 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.136 min
Lab File: BF126207.D
Acq: 16 Dec 2021 11:52

Tgt Ion: 70 Resp: 208670

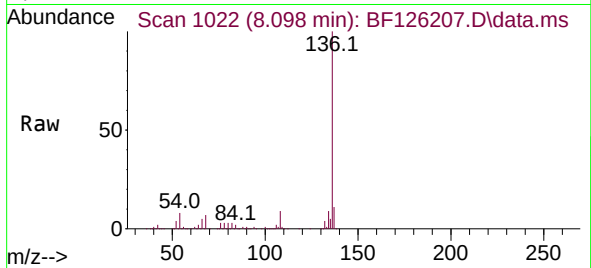
Ion	Ratio	Lower	Upper
70	100		
42	45.3	72.2	108.2#
101	0.0	7.8	11.8#
130	2.0	21.8	32.6#



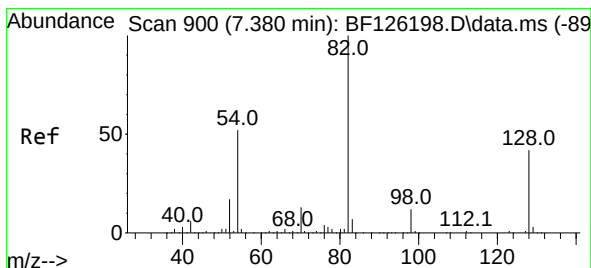
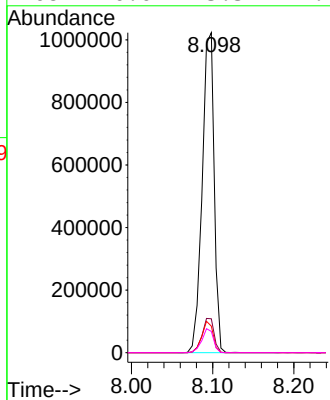
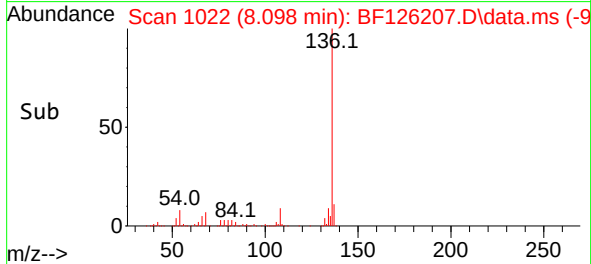


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126207.D
Acq: 16 Dec 2021 11:52

Instrument :
BNA_F
ClientSampleId :

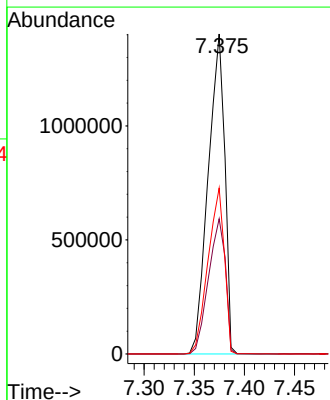
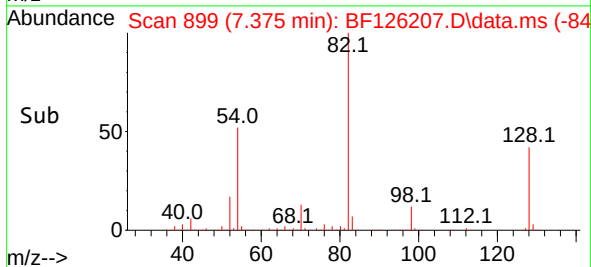
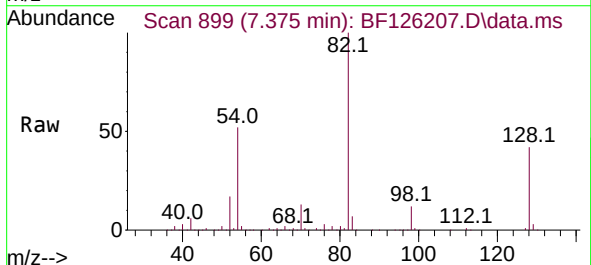


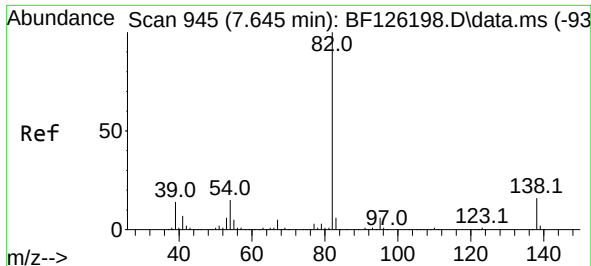
Tgt Ion:136 Resp: 1046459
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 8.3 6.4 9.6
68 6.6 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 83.452 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126207.D
Acq: 16 Dec 2021 11:52

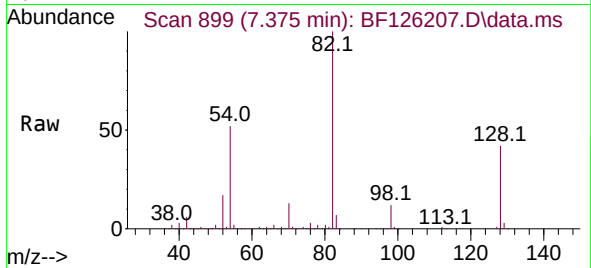
Tgt Ion: 82 Resp: 1612455
Ion Ratio Lower Upper
82 100
128 42.3 40.6 60.8
54 51.8 49.6 74.4



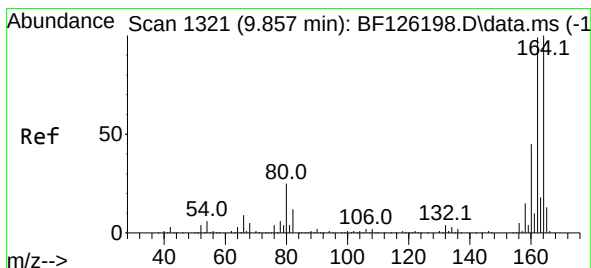
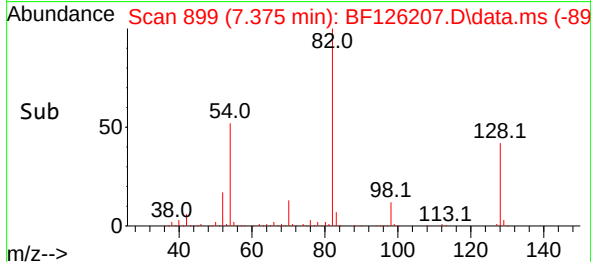
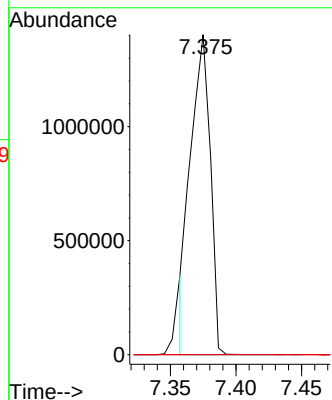


#25
Isophorone
Concen: 40.143 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.270 min
Lab File: BF126207.D
Acq: 16 Dec 2021 11:52

Instrument :
BNA_F
ClientSampleId :

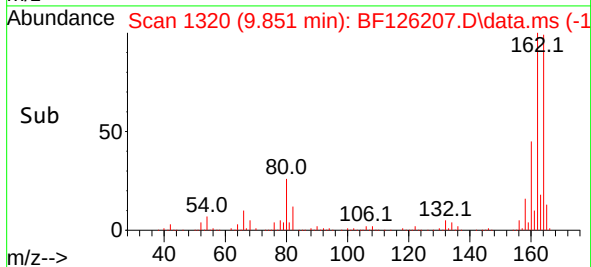
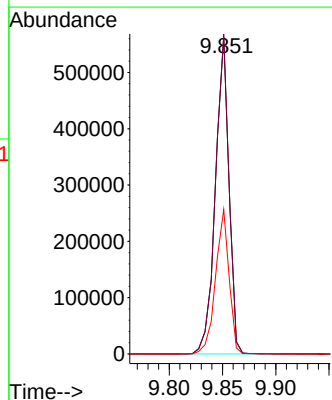
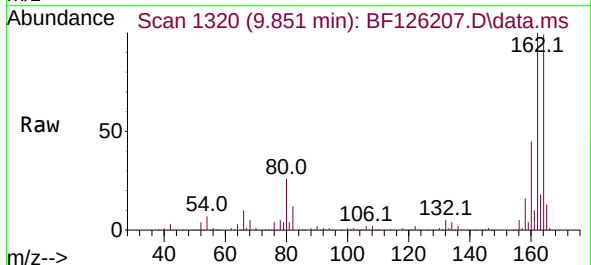


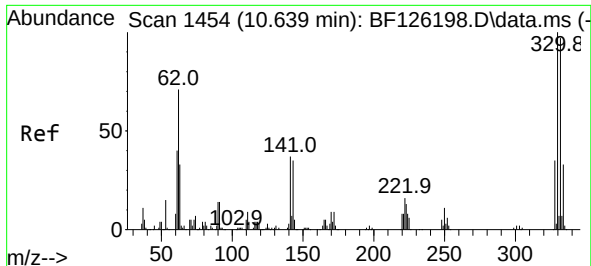
Tgt Ion: 82 Resp: 1464706
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126207.D
Acq: 16 Dec 2021 11:52

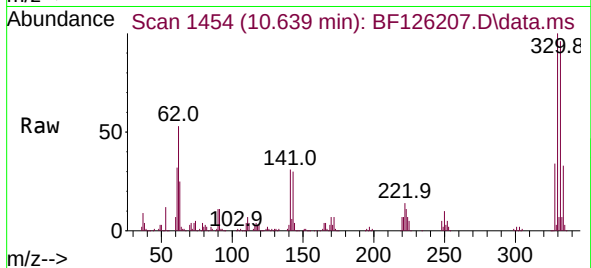
Tgt Ion: 164 Resp: 496501
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 45.5 38.0 57.0



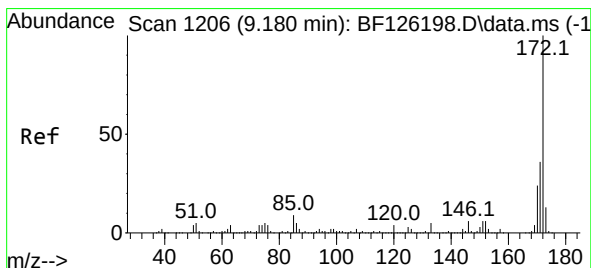
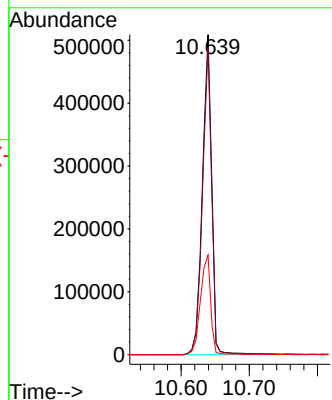
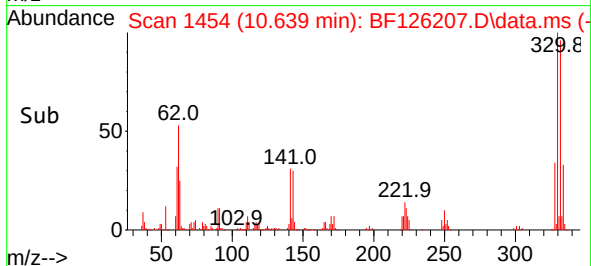


#42
2,4,6-Tribromophenol
Concen: 121.731 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126207.D
Acq: 16 Dec 2021 11:52

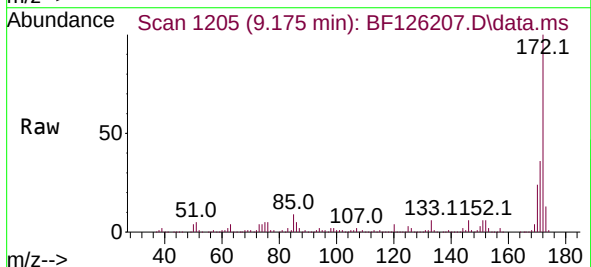
Instrument :
BNA_F
ClientSampleId :



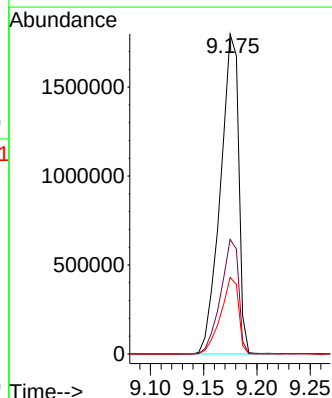
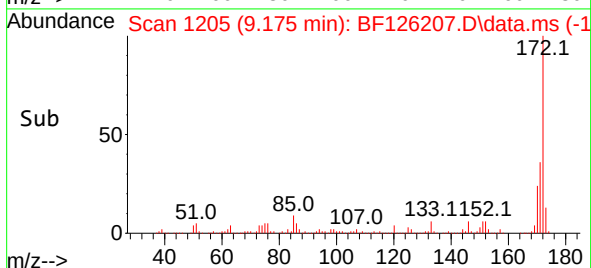
Tgt Ion:330 Resp: 485720
Ion Ratio Lower Upper
330 100
332 93.7 76.2 114.4
141 34.0 44.6 66.8#

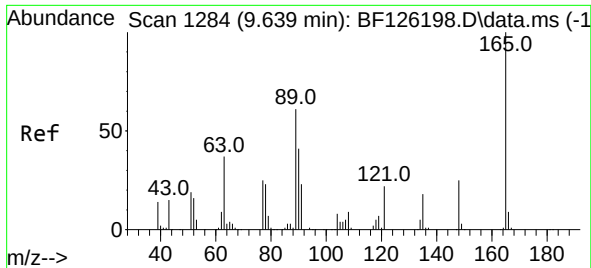


#45
2-Fluorobiphenyl
Concen: 75.694 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126207.D
Acq: 16 Dec 2021 11:52



Tgt Ion:172 Resp: 2142798
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 23.9 18.8 28.2

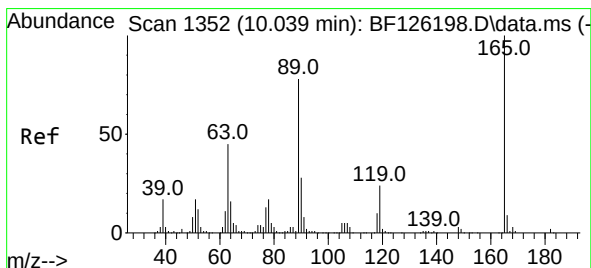
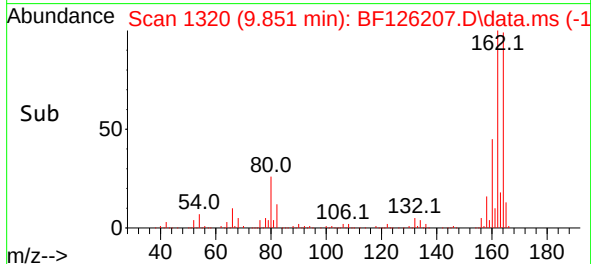
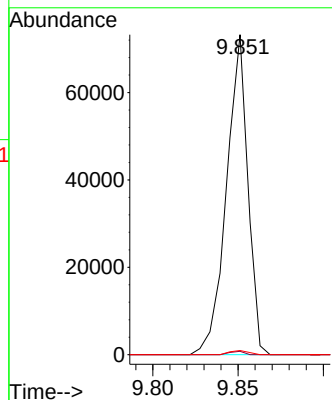
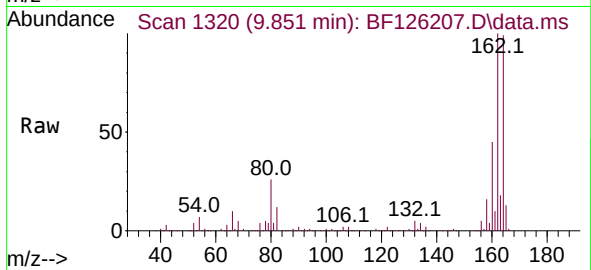




#51
2,6-Dinitrotoluene
Concen: 9.357 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126207.D
Acq: 16 Dec 2021 11:52

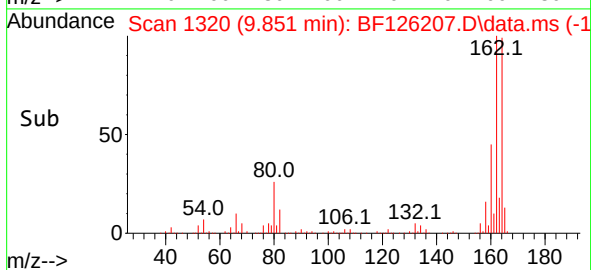
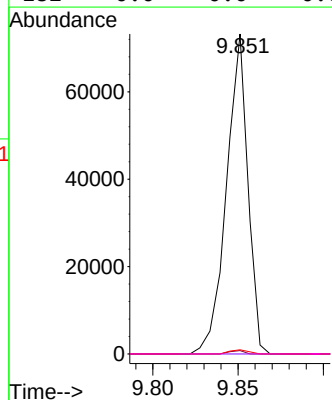
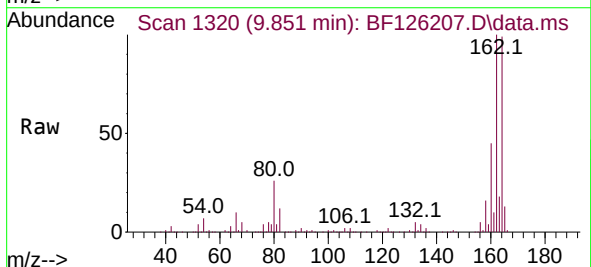
Instrument :
BNA_F
ClientSampleId :

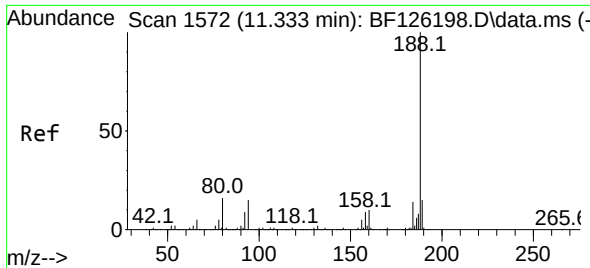
Tgt Ion:165 Resp: 63700
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.336 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126207.D
Acq: 16 Dec 2021 11:52

Tgt Ion:165 Resp: 63700
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

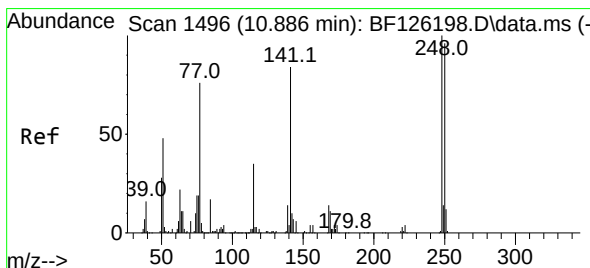
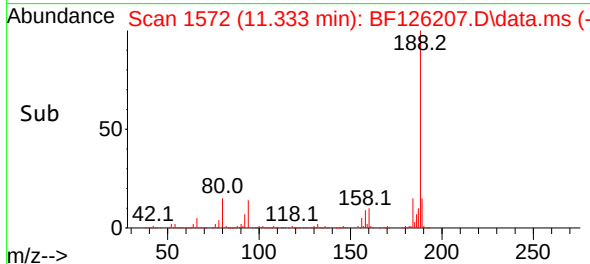
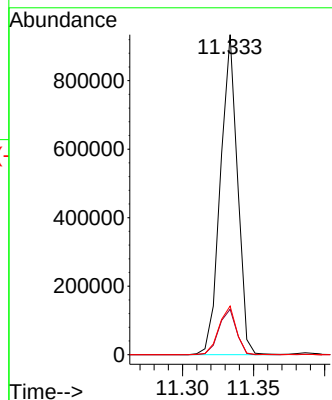
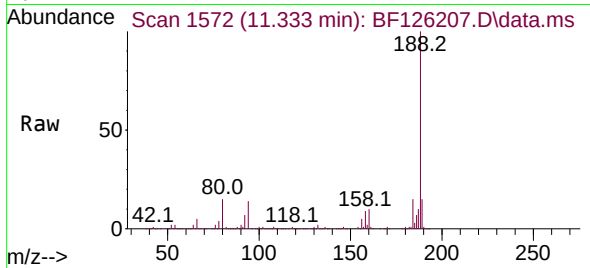




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126207.D
Acq: 16 Dec 2021 11:52

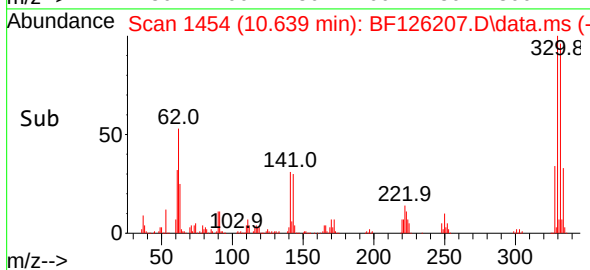
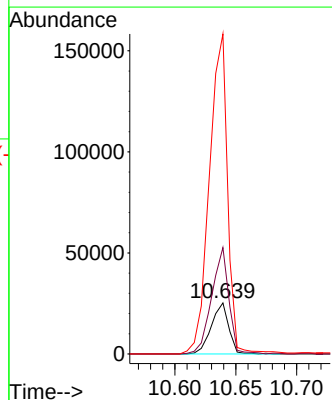
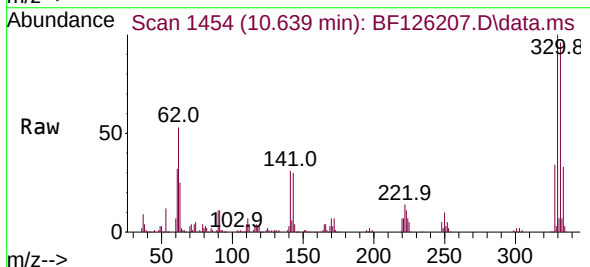
Instrument :
BNA_F
ClientSampleId :

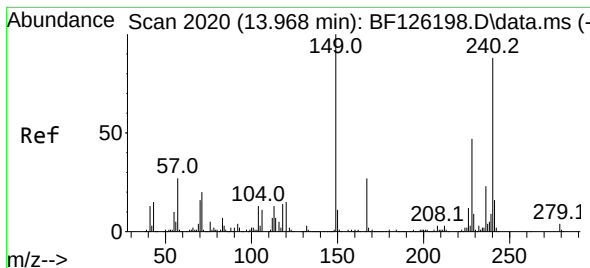
Tgt Ion:188 Resp: 778823
Ion Ratio Lower Upper
188 100
94 14.2 6.7 10.1#
80 15.2 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.443 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126207.D
Acq: 16 Dec 2021 11:52

Tgt Ion:248 Resp: 25168
Ion Ratio Lower Upper
248 100
250 208.0 74.2 111.4#
141 625.9 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF126207.D

Acq: 16 Dec 2021 11:52

Instrument :

BNA_F

ClientSampleId :

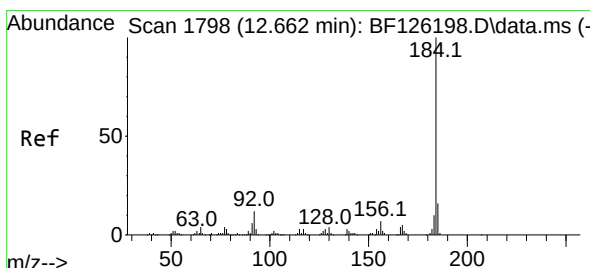
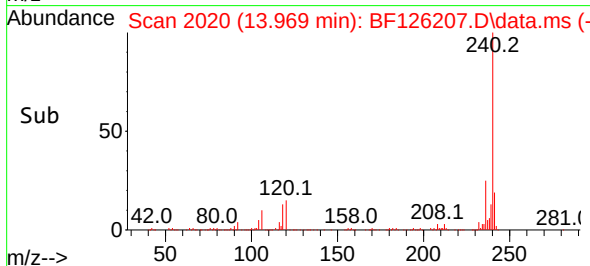
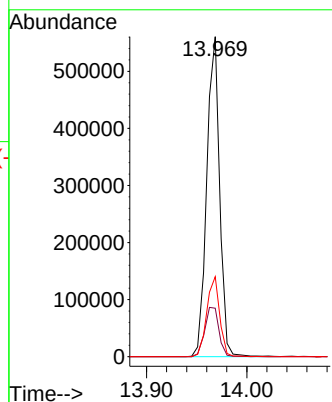
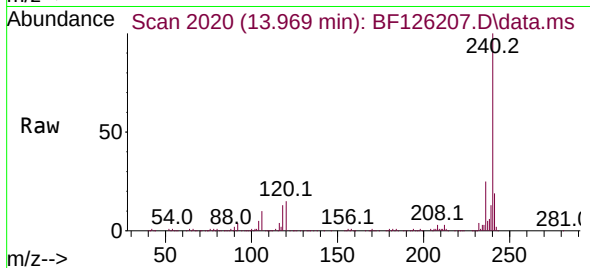
Tgt Ion:240 Resp: 503857

Ion Ratio Lower Upper

240 100

120 15.2 10.8 16.2

236 25.0 21.6 32.4



#77

Benzidine

Concen: 3.088 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.265 min

Lab File: BF126207.D

Acq: 16 Dec 2021 11:52

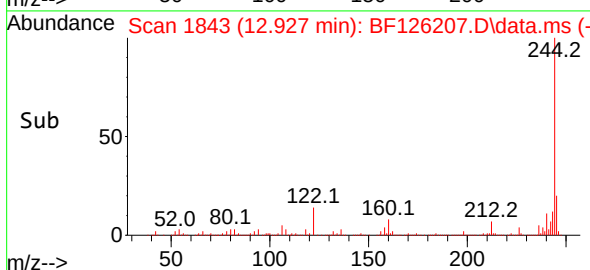
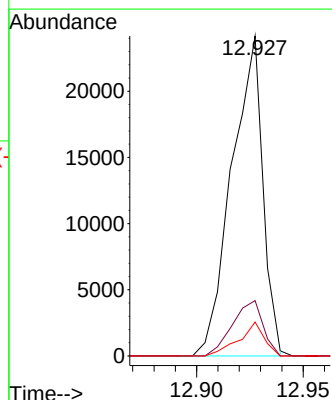
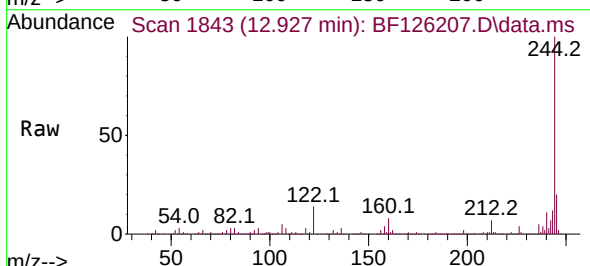
Tgt Ion:184 Resp: 24531

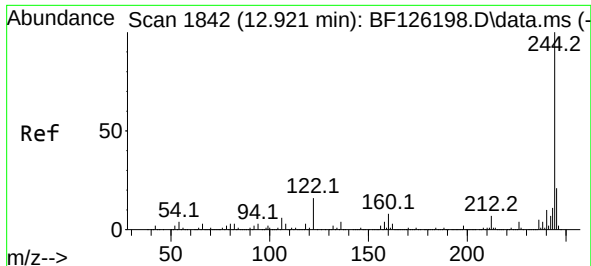
Ion Ratio Lower Upper

184 100

185 17.3 10.8 16.2#

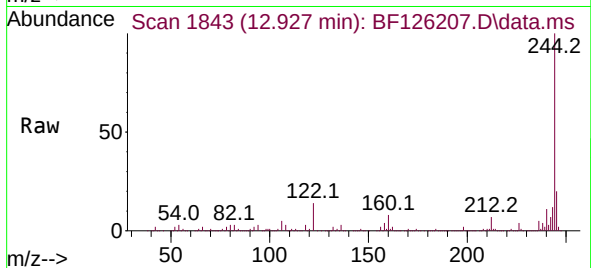
183 10.6 8.1 12.1



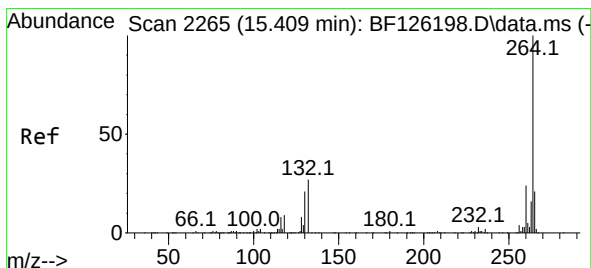
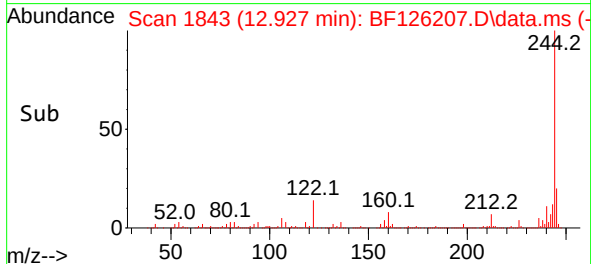
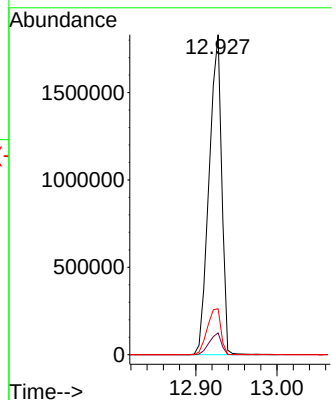


#79
 Terphenyl-d14
 Concen: 67.823 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126207.D
 Acq: 16 Dec 2021 11:52

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1966108
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 14.4 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF126207.D
 Acq: 16 Dec 2021 11:52

Tgt Ion:264 Resp: 384256
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 21.3 17.2 25.8

