

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
 Data File : BF126305.D
 Acq On : 21 Dec 2021 19:44
 Operator : JU/CG
 Sample : M5142-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:22:07 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)

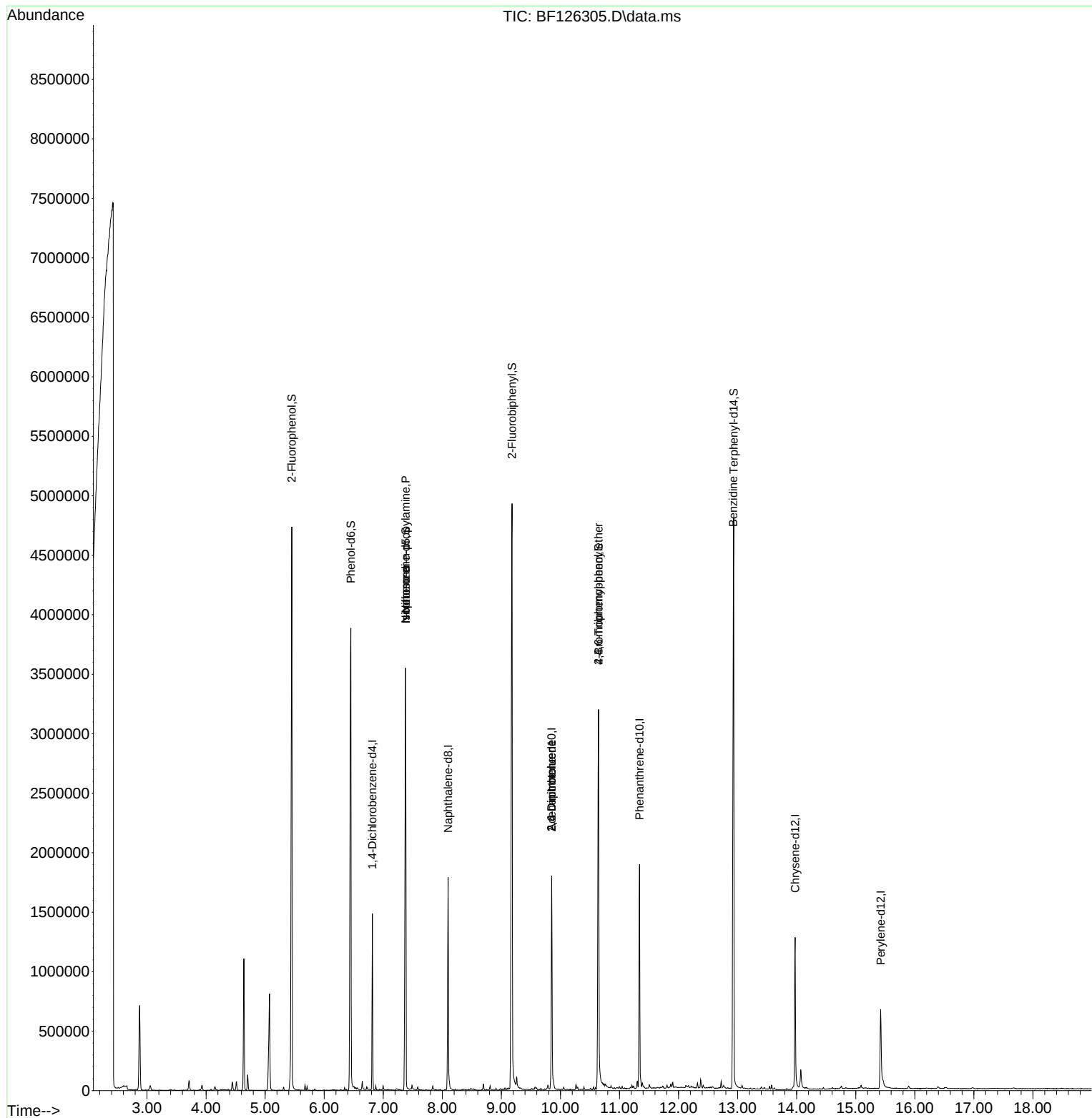
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	192061	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	847318	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	421115	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	685908	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	496284	20.000	ng	0.00
86) Perylene-d12	15.421	264	372473	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1540862	118.147	ng	0.03
7) Phenol-d6	6.451	99	1813234	109.496	ng	0.00
23) Nitrobenzene-d5	7.381	82	1495532	95.592	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	496927	146.834	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2059623	85.780	ng	0.00
79) Terphenyl-d14	12.933	244	1949820	68.288	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	193645	19.048	ng	# 56
25) Isophorone	7.381	82	1430524	48.420	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	54082	9.367	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	54232	7.363	ng	# 20
67) 4-Bromophenyl-phenylether	10.645	248	26339	4.092	ng	# 1
77) Benzydine	12.927	184	23929	3.058	ng	# 95

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

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Instrument :
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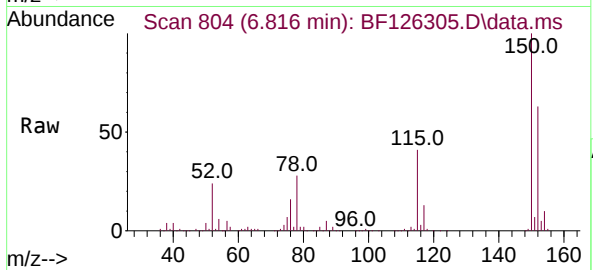
Quant Time: Dec 22 05:22:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration



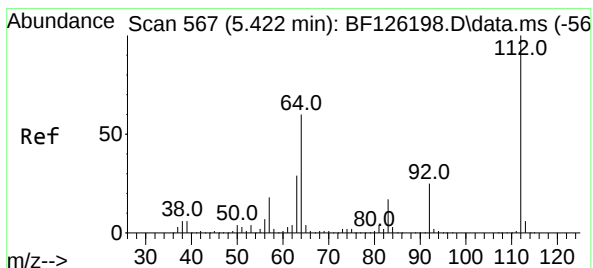
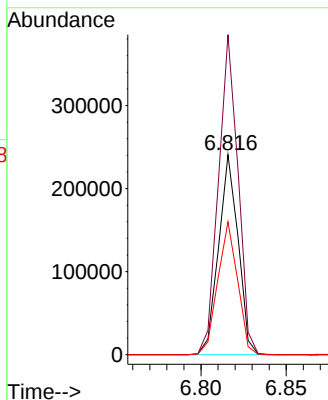
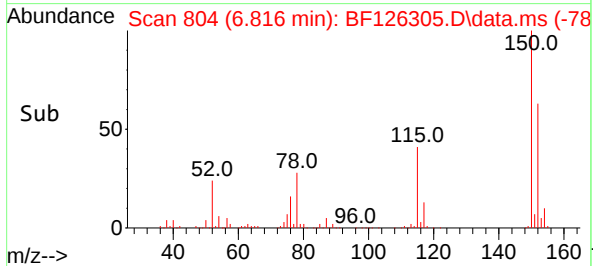


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126305.D
Acq: 21 Dec 2021 19:44

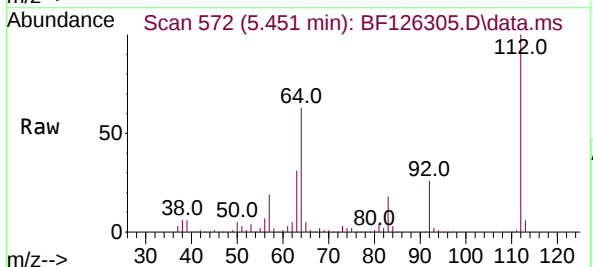
Instrument :
BNA_F
ClientSampleId :



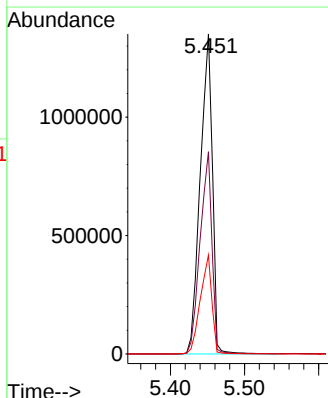
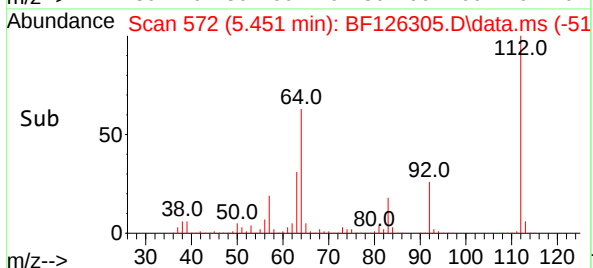
Tgt Ion:152 Resp: 192061
Ion Ratio Lower Upper
152 100
150 159.9 117.6 176.4
115 66.4 47.1 70.7

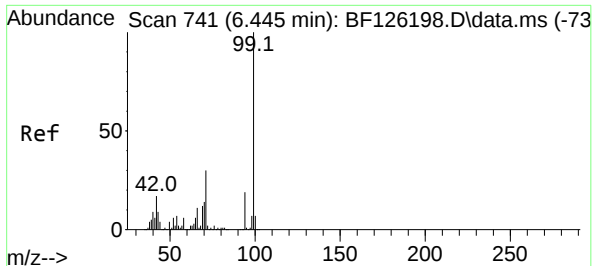


#5
2-Fluorophenol
Concen: 118.147 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.029 min
Lab File: BF126305.D
Acq: 21 Dec 2021 19:44



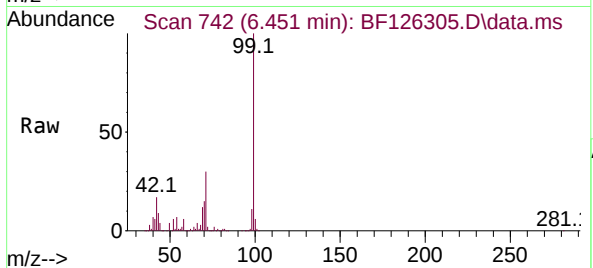
Tgt Ion:112 Resp: 1540862
Ion Ratio Lower Upper
112 100
64 63.2 44.2 66.2
63 30.9 26.2 39.2



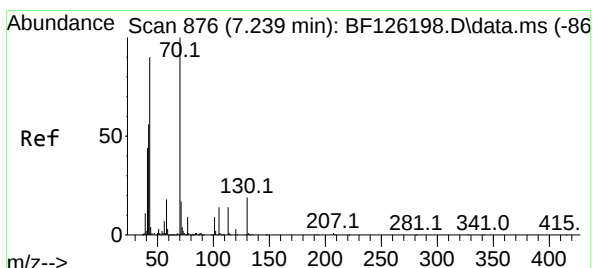
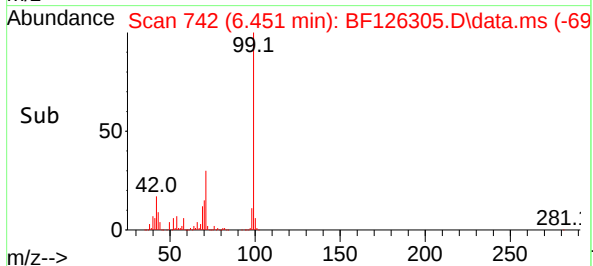
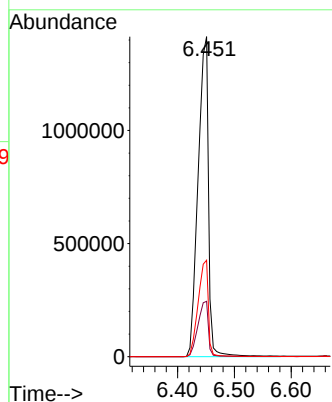


#7
Phenol-d6
Concen: 109.496 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF126305.D
Acq: 21 Dec 2021 19:44

Instrument :
BNA_F
ClientSampleId :

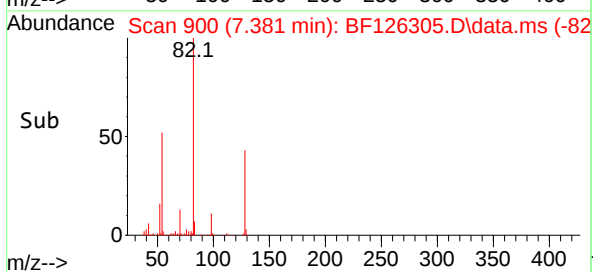
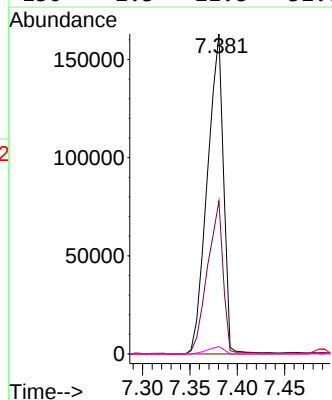
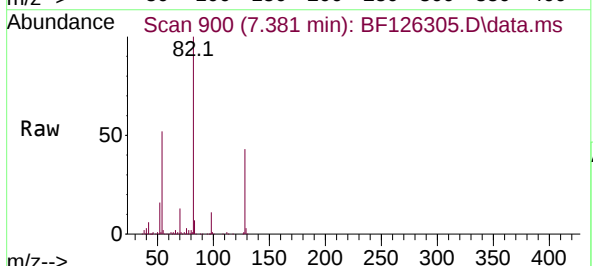


Tgt Ion: 99 Resp: 1813234
Ion Ratio Lower Upper
99 100
42 17.3 23.5 35.3#
71 30.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.048 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF126305.D
Acq: 21 Dec 2021 19:44

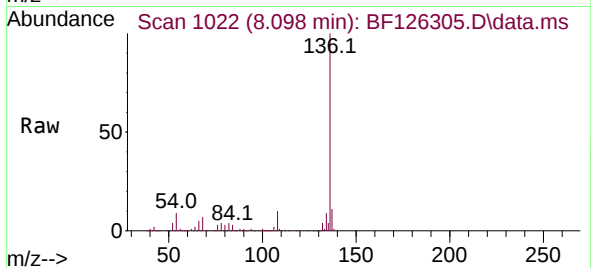
Tgt Ion: 70 Resp: 193645
Ion Ratio Lower Upper
70 100
42 47.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#



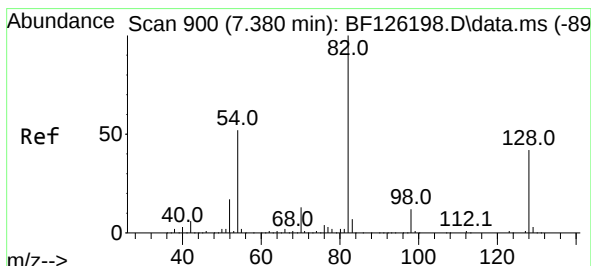
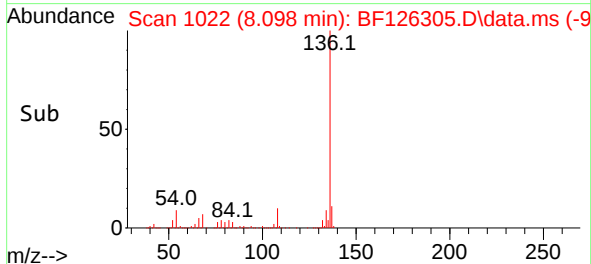
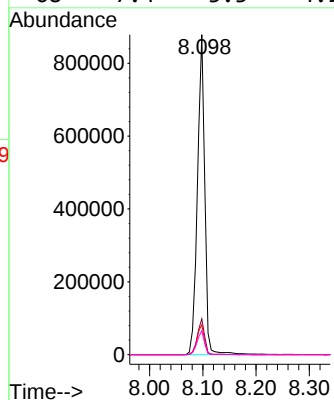


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126305.D
Acq: 21 Dec 2021 19:44

Instrument :
BNA_F
ClientSampleId :

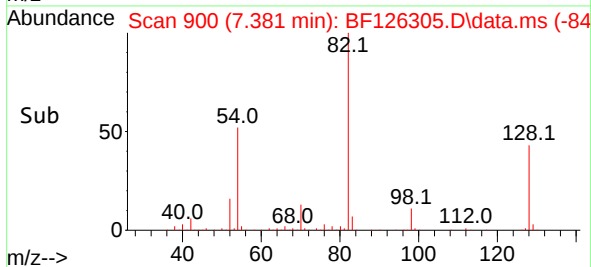
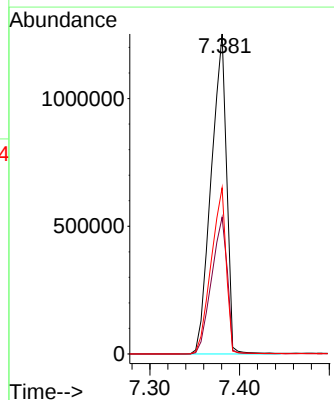
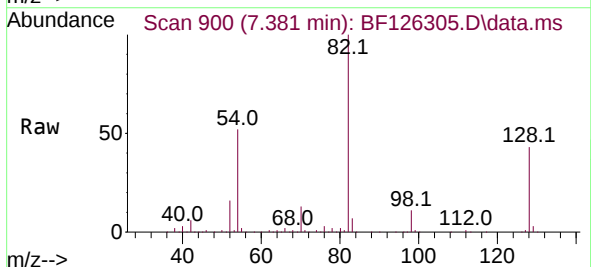


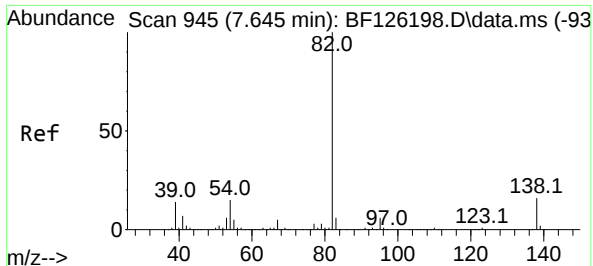
Tgt Ion:	136	Resp:	847318
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.6
54	9.3	6.4	9.6
68	7.4	3.3	4.9



#23
Nitrobenzene-d5
Concen: 95.592 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF126305.D
Acq: 21 Dec 2021 19:44

Tgt Ion:	82	Resp:	1495532
Ion	Ratio	Lower	Upper
82	100		
128	42.7	40.6	60.8
54	51.9	49.6	74.4

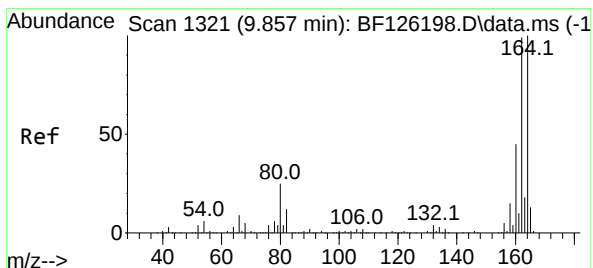
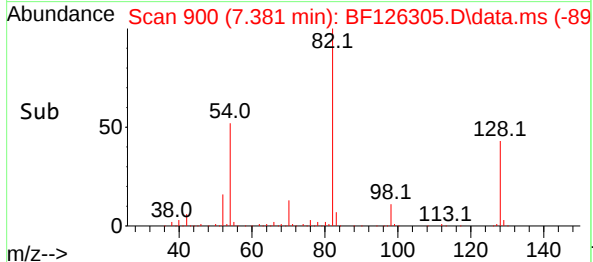
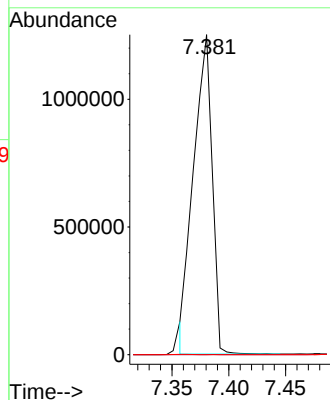
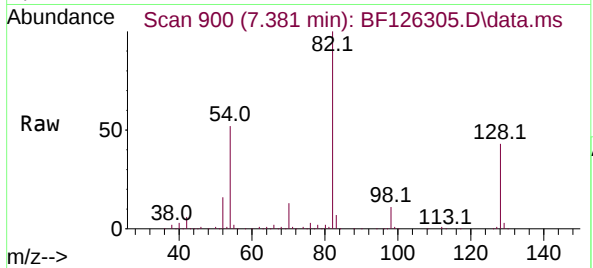




#25
Isophorone
Concen: 48.420 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126305.D
Acq: 21 Dec 2021 19:44

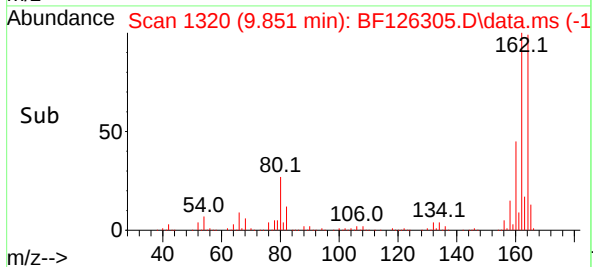
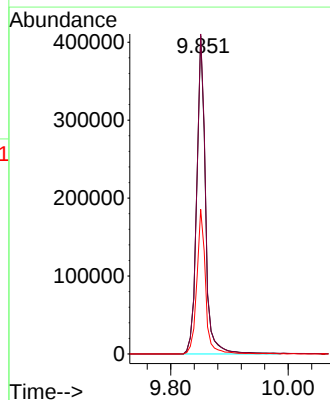
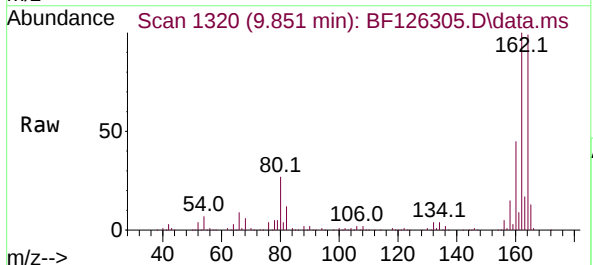
Instrument :
BNA_F
ClientSampleId :

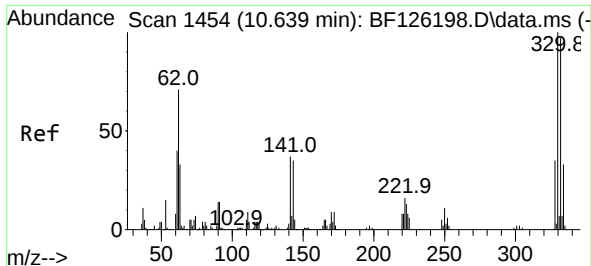
Tgt Ion: 82 Resp: 1430524
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126305.D
Acq: 21 Dec 2021 19:44

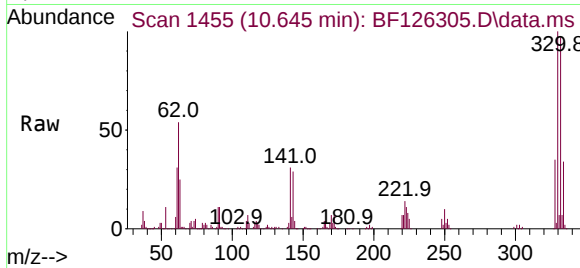
Tgt Ion:164 Resp: 421115
Ion Ratio Lower Upper
164 100
162 100.6 81.3 121.9
160 45.5 38.0 57.0



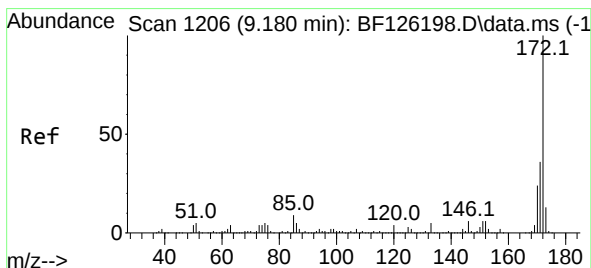
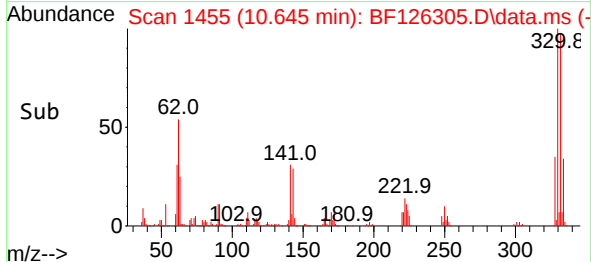
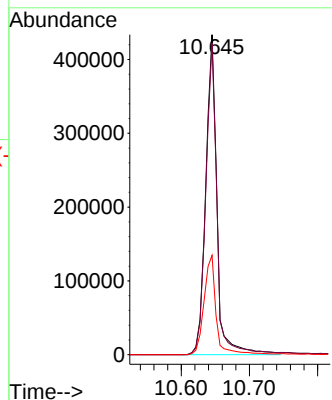


#42
2,4,6-Tribromophenol
Concen: 146.834 ng
RT: 10.645 min Scan# 1454
Delta R.T. 0.006 min
Lab File: BF126305.D
Acq: 21 Dec 2021 19:44

Instrument :
BNA_F
ClientSampleId :

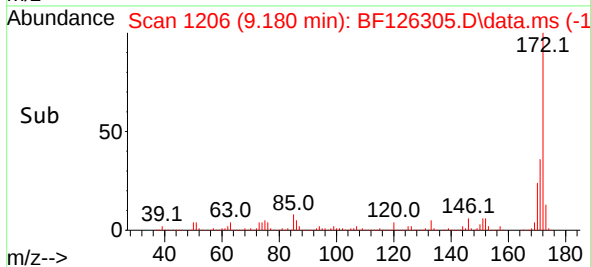
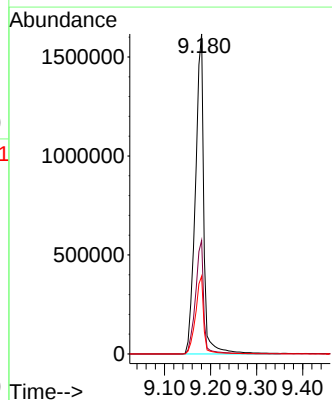
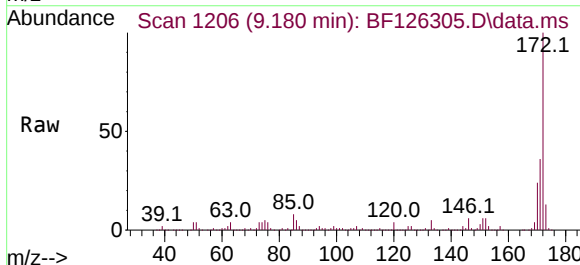


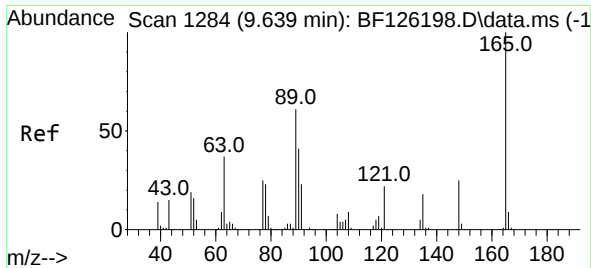
Tgt Ion:330 Resp: 496927
Ion Ratio Lower Upper
330 100
332 97.7 76.2 114.4
141 33.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 85.780 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF126305.D
Acq: 21 Dec 2021 19:44

Tgt Ion:172 Resp: 2059623
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 24.3 18.8 28.2

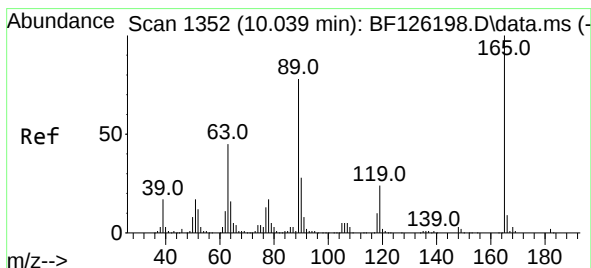
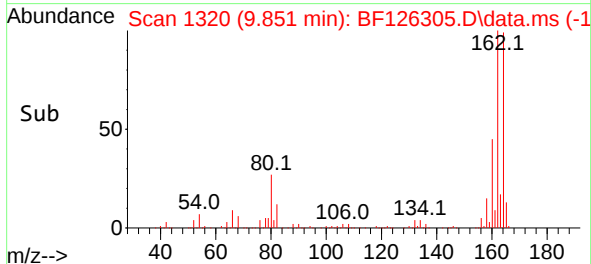
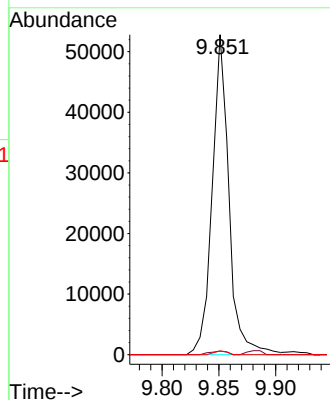
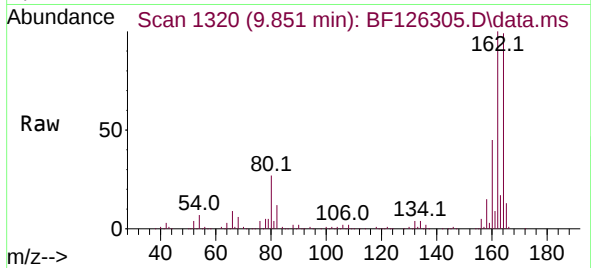




#51
2,6-Dinitrotoluene
Concen: 9.367 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126305.D
Acq: 21 Dec 2021 19:44

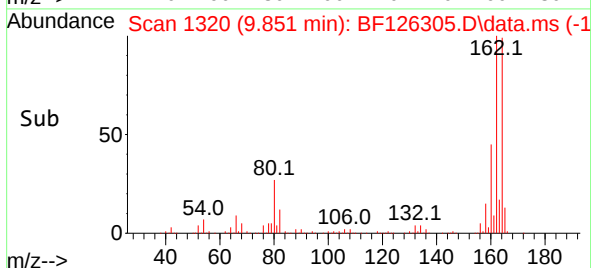
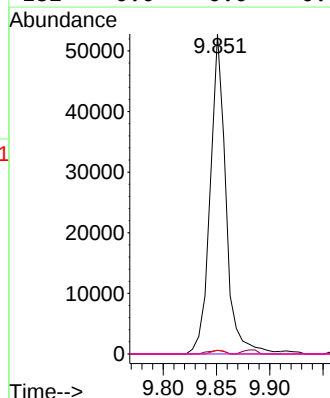
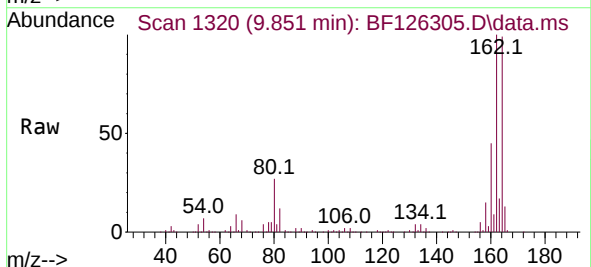
Instrument :
BNA_F
ClientSampleId :

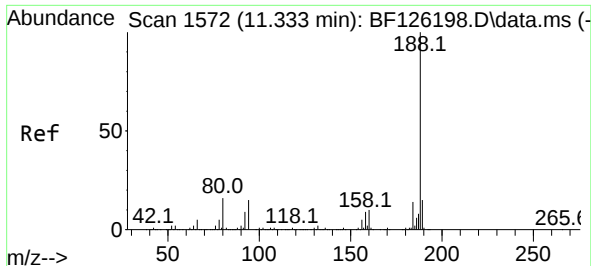
Tgt Ion:165 Resp: 54082
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.363 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126305.D
Acq: 21 Dec 2021 19:44

Tgt Ion:165 Resp: 54232
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

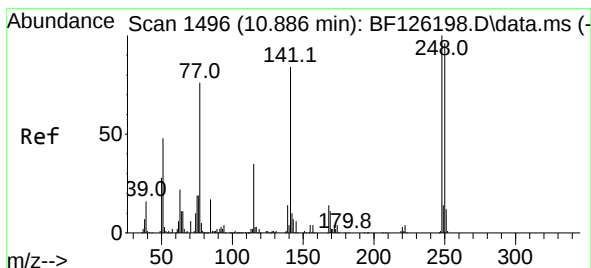
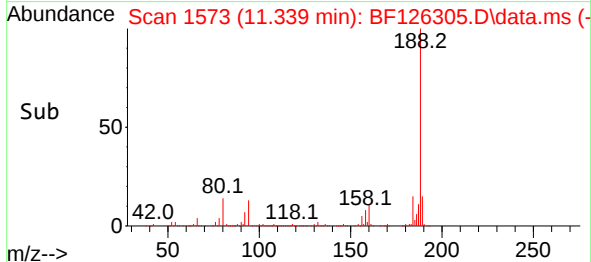
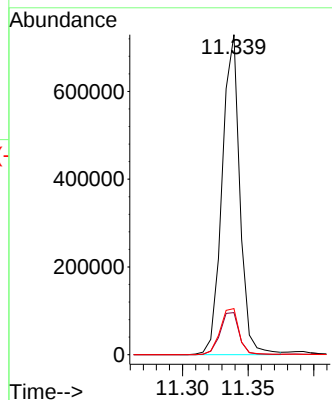
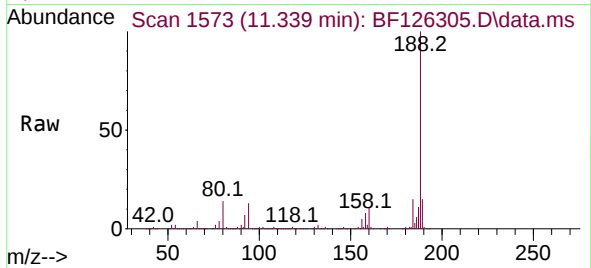




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126305.D
Acq: 21 Dec 2021 19:44

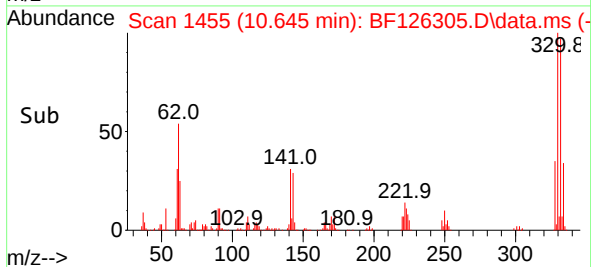
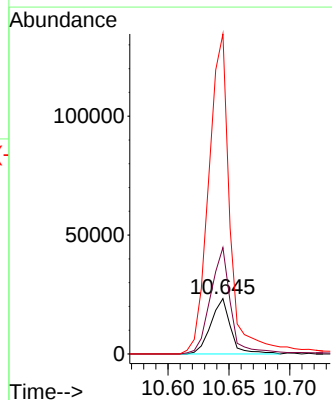
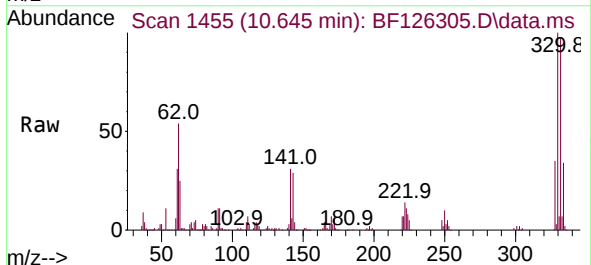
Instrument :
BNA_F
ClientSampleId :

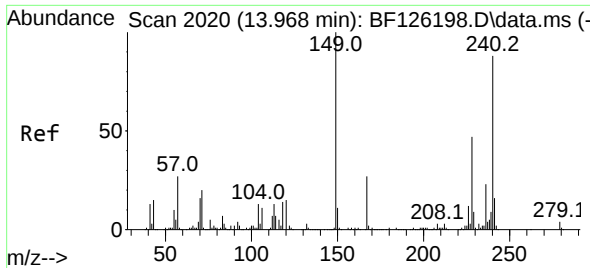
Tgt Ion:188 Resp: 685908
Ion Ratio Lower Upper
188 100
94 13.1 6.7 10.1#
80 14.4 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 4.092 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF126305.D
Acq: 21 Dec 2021 19:44

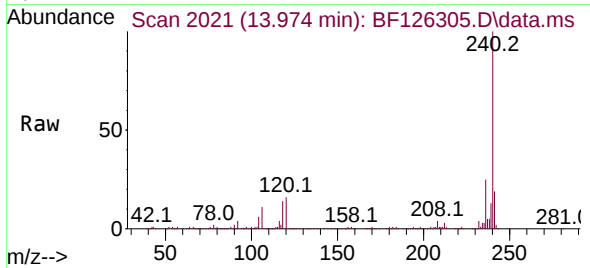
Tgt Ion:248 Resp: 26339
Ion Ratio Lower Upper
248 100
250 192.4 74.2 111.4#
141 578.5 60.4 90.6#



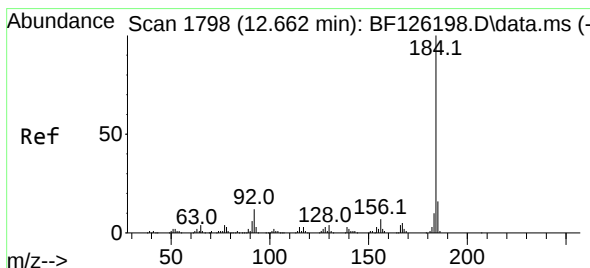
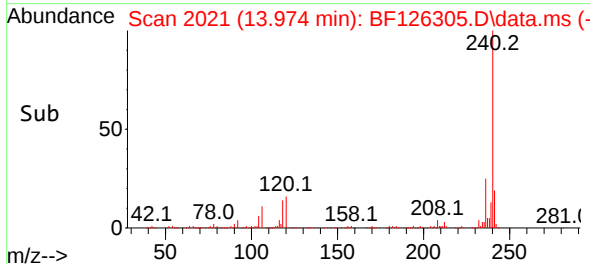
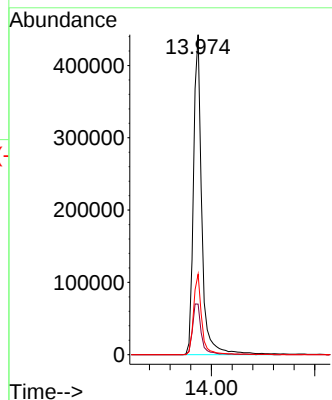


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF126305.D
Acq: 21 Dec 2021 19:44

Instrument :
BNA_F
ClientSampleId :

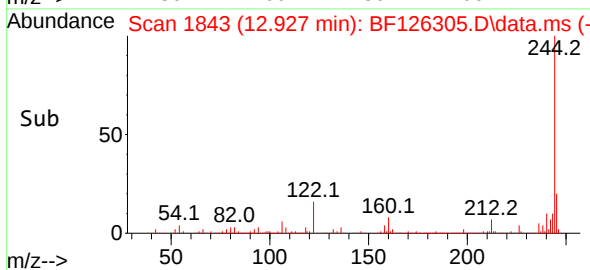
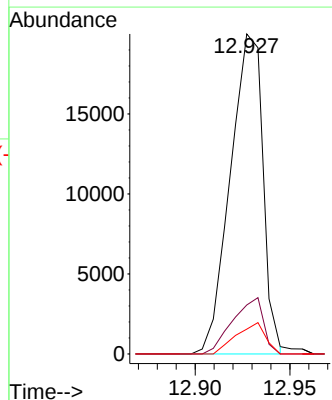
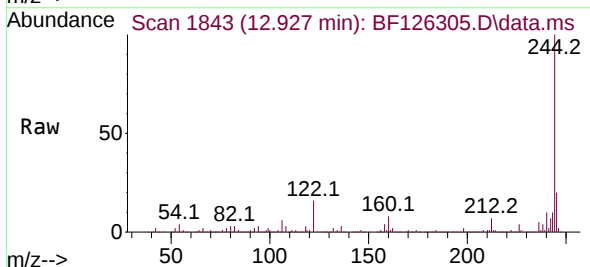


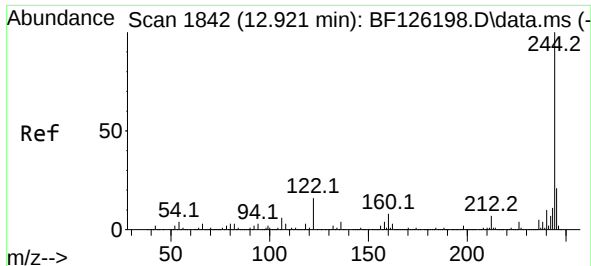
Tgt Ion:240 Resp: 496284
Ion Ratio Lower Upper
240 100
120 15.8 10.8 16.2
236 25.2 21.6 32.4



#77
Benzidine
Concen: 3.058 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.265 min
Lab File: BF126305.D
Acq: 21 Dec 2021 19:44

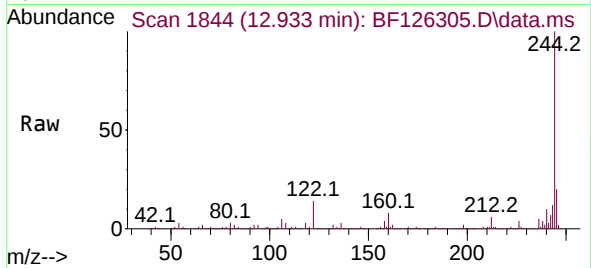
Tgt Ion:184 Resp: 23929
Ion Ratio Lower Upper
184 100
185 15.3 10.8 16.2
183 7.7 8.1 12.1#



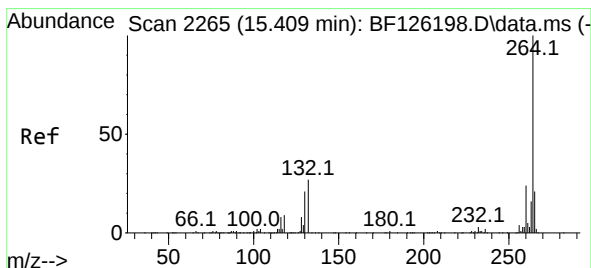
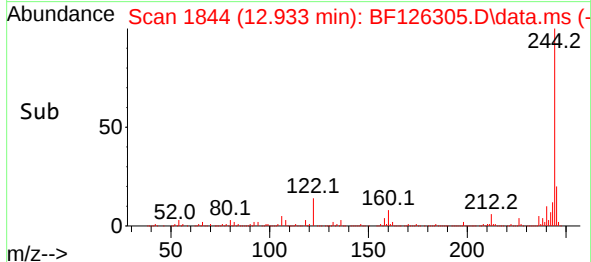
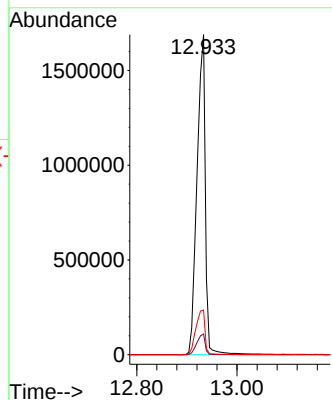


#79
 Terphenyl-d14
 Concen: 68.288 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.012 min
 Lab File: BF126305.D
 Acq: 21 Dec 2021 19:44

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1949820
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 14.0 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: BF126305.D
 Acq: 21 Dec 2021 19:44

Tgt Ion:264 Resp: 372473
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 20.8 17.2 25.8

