

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
 Data File : BF126105.D
 Acq On : 10 Nov 2021 13:50
 Operator : JU/CG
 Sample : M4498-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2-MD

Quant Time: Nov 10 14:24:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

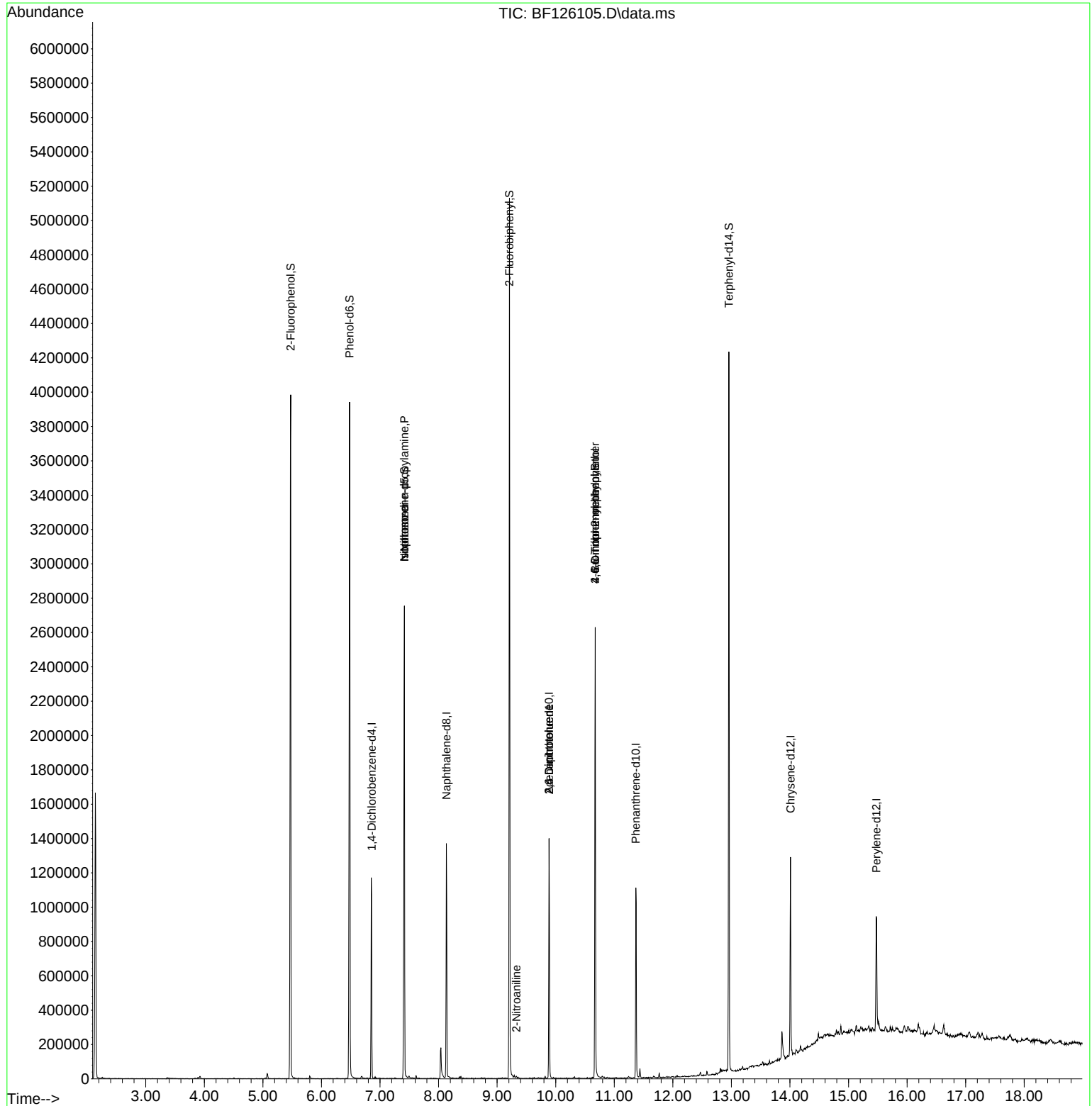
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	159944	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	530579	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	264980	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	420946	20.000	ng	0.00
76) Chrysene-d12	14.009	240	378193	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	313302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	927389	99.571	ng	0.01
7) Phenol-d6	6.481	99	1154109	87.902	ng	0.00
23) Nitrobenzene-d5	7.416	82	820188	72.902	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	268993	88.581	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1393342	71.059	ng	0.00
79) Terphenyl-d14	12.957	244	1258353	53.654	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.481	77	2572	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	116466	13.456	ng	# 60
25) Isophorone	7.416	82	816120	40.290	ng	# 59
48) 2-Nitroaniline	9.327	65	110	2.869	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	33277	10.063	ng	# 27
57) 2,4-Dinitrotoluene	9.886	165	33277	9.690	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.674	198	491	8.517	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	17565	3.445	ng	# 1

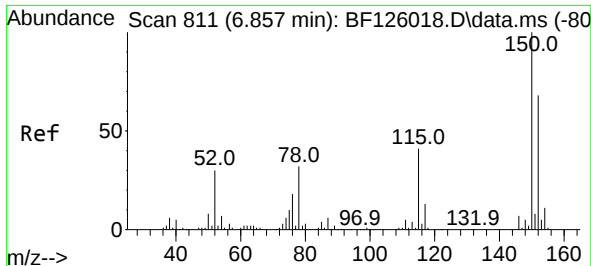
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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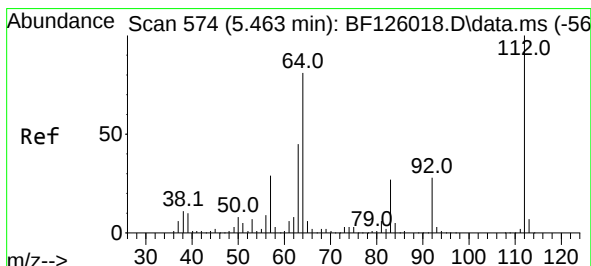
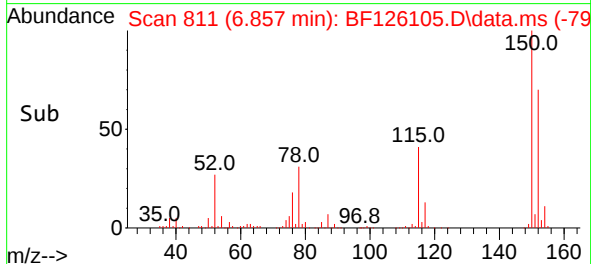
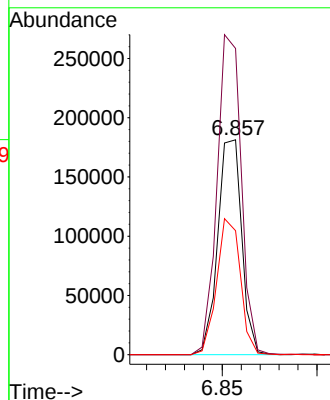
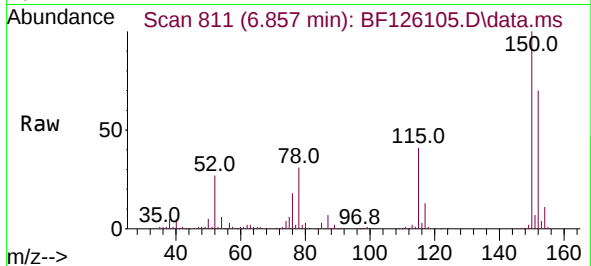




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF126105.D
Acq: 10 Nov 2021 13:50

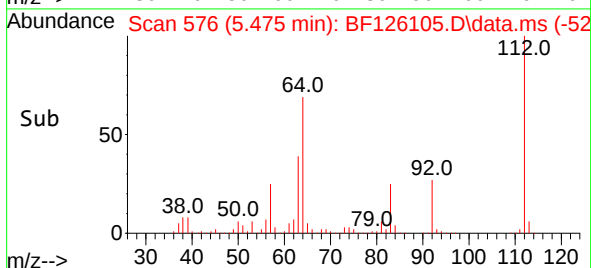
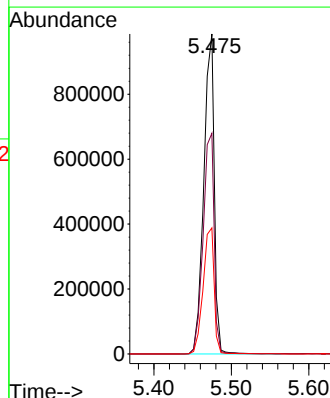
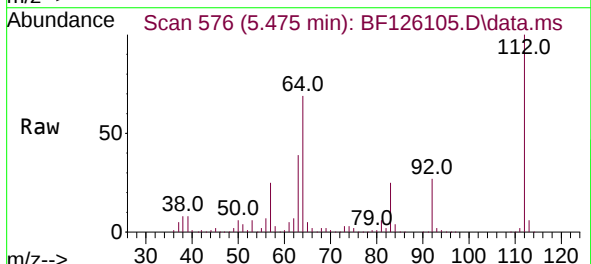
Instrument :
BNA_F
ClientSampleId :
WC-2-MD

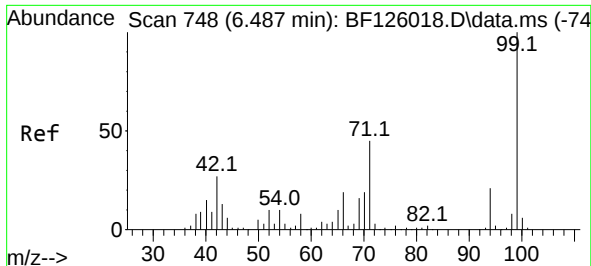
Tgt Ion:152 Resp: 159944
Ion Ratio Lower Upper
152 100
150 142.5 117.6 176.4
115 57.7 47.1 70.7



#5
2-Fluorophenol
Concen: 99.571 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF126105.D
Acq: 10 Nov 2021 13:50

Tgt Ion:112 Resp: 927389
Ion Ratio Lower Upper
112 100
64 69.0 44.2 66.2#
63 39.4 26.2 39.2#

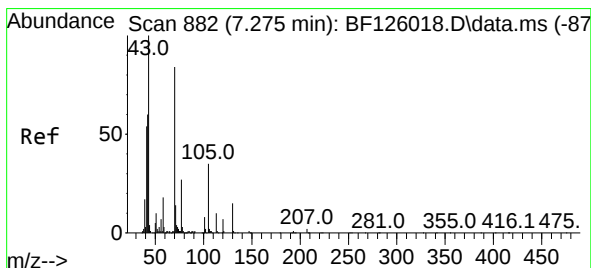
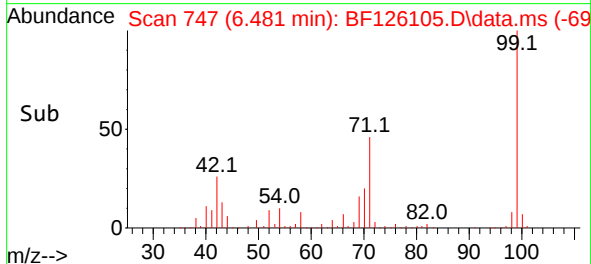
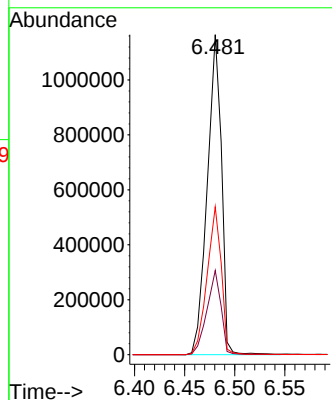
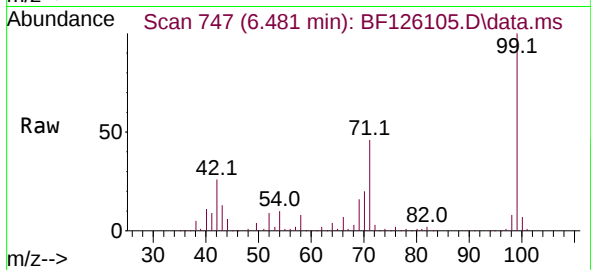




#7
Phenol-d6
Concen: 87.902 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126105.D
Acq: 10 Nov 2021 13:50

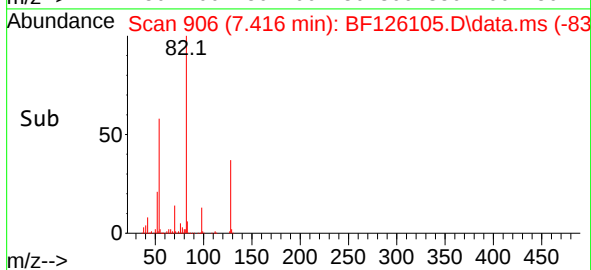
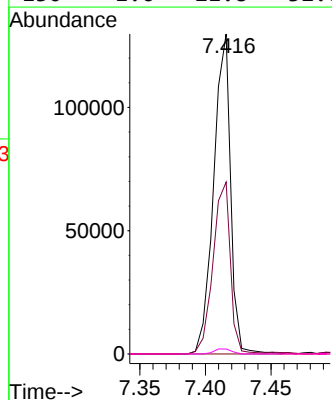
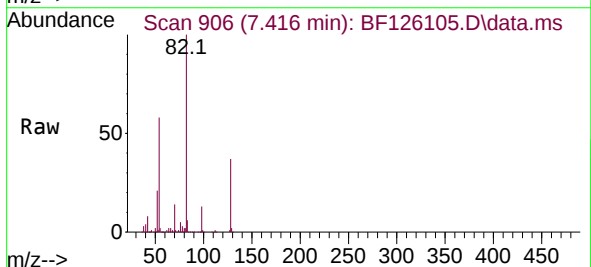
Instrument :
BNA_F
ClientSampleId :
WC-2-MD

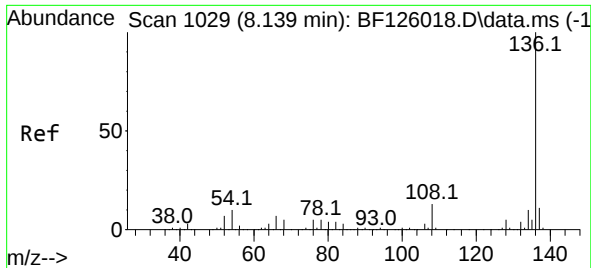
Tgt Ion: 99 Resp: 1154109
Ion Ratio Lower Upper
99 100
42 26.3 23.5 35.3
71 46.2 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 13.456 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF126105.D
Acq: 10 Nov 2021 13:50

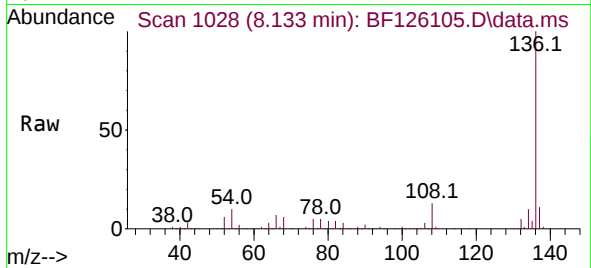
Tgt Ion: 70 Resp: 116466
Ion Ratio Lower Upper
70 100
42 53.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#



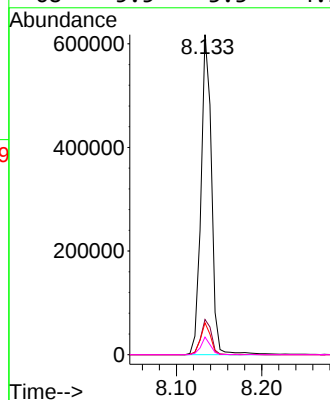
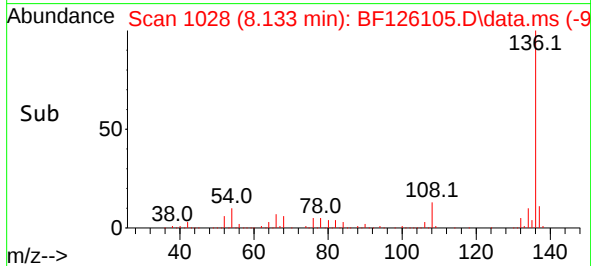


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126105.D
Acq: 10 Nov 2021 13:50

Instrument :
BNA_F
ClientSampleId :
WC-2-MD

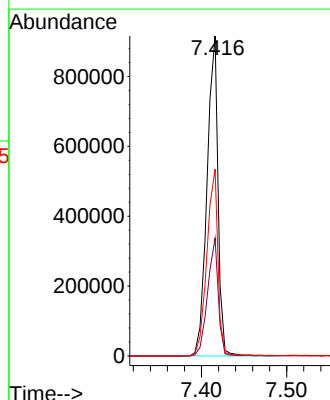
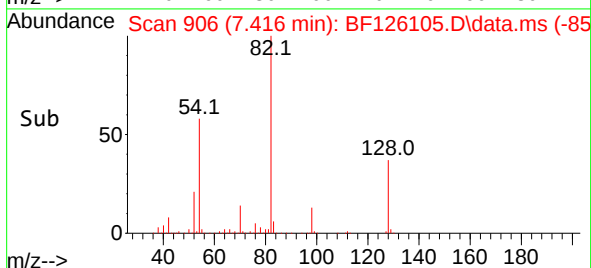
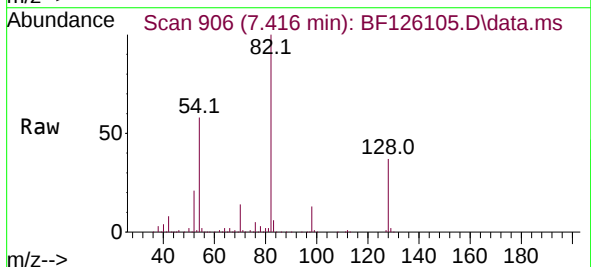


Tgt Ion:136 Resp: 530579
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 10.0 6.4 9.6#
68 5.5 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 72.902 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126105.D
Acq: 10 Nov 2021 13:50

Tgt Ion: 82 Resp: 820188
Ion Ratio Lower Upper
82 100
128 36.8 40.6 60.8#
54 58.3 49.6 74.4

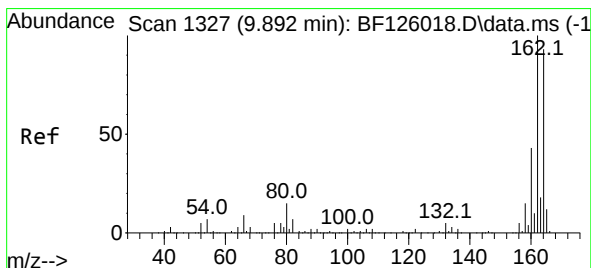
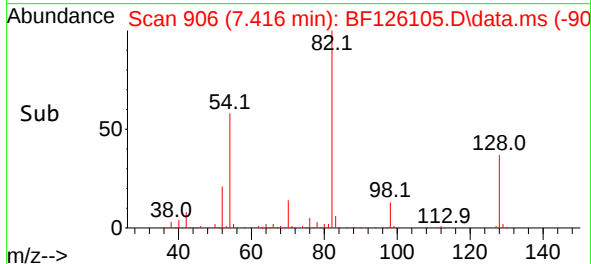
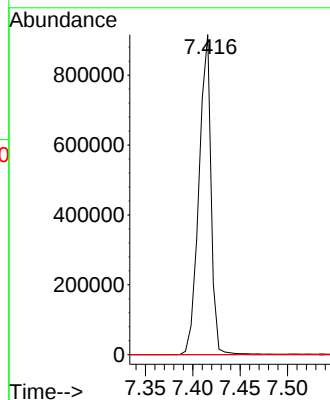
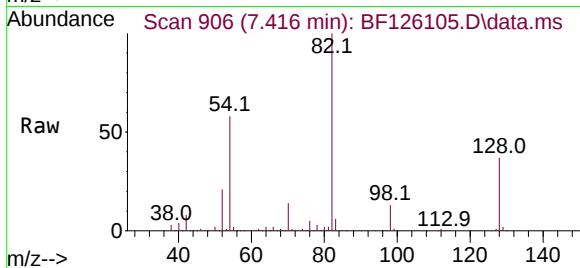




#25
Isophorone
Concen: 40.290 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126105.D
Acq: 10 Nov 2021 13:50

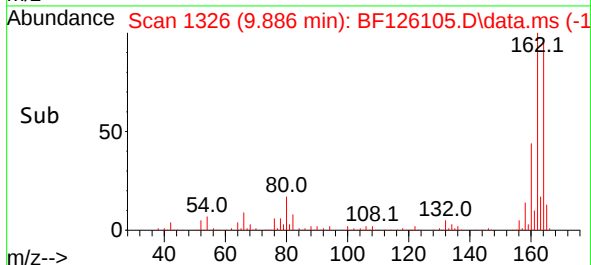
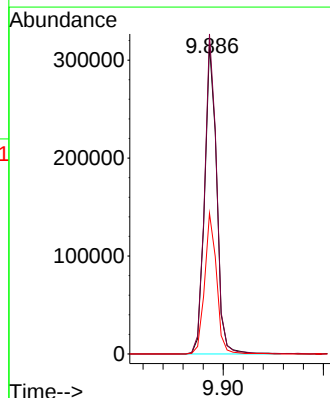
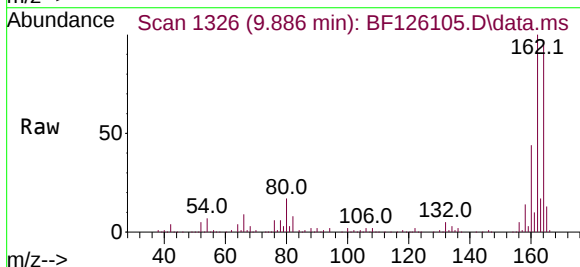
Instrument :
BNA_F
ClientSampleId :
WC-2-MD

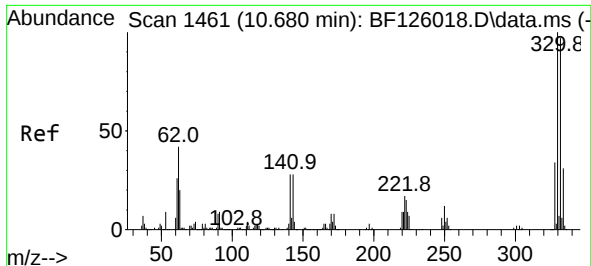
Tgt Ion: 82 Resp: 816120
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126105.D
Acq: 10 Nov 2021 13:50

Tgt Ion:164 Resp: 264980
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 45.4 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 88.581 ng

RT: 10.674 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF126105.D

Acq: 10 Nov 2021 13:50

Instrument :

BNA_F

ClientSampleId :

WC-2-MD

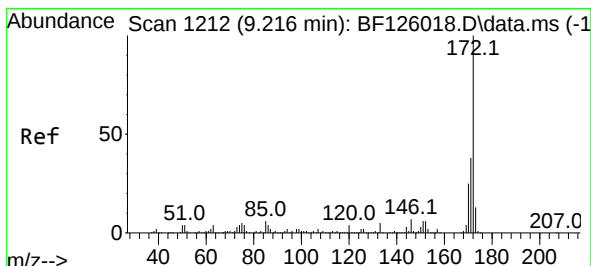
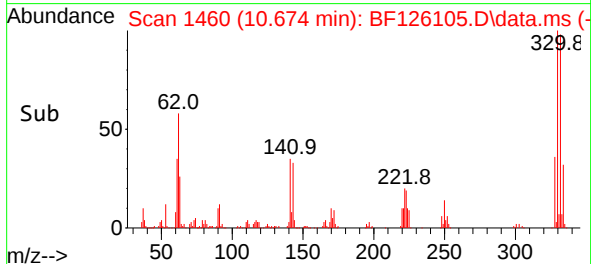
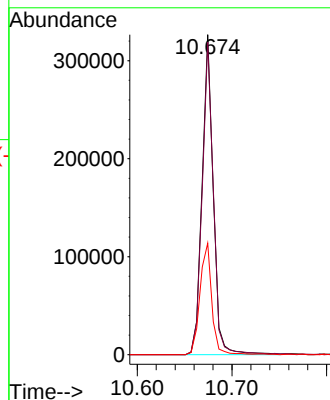
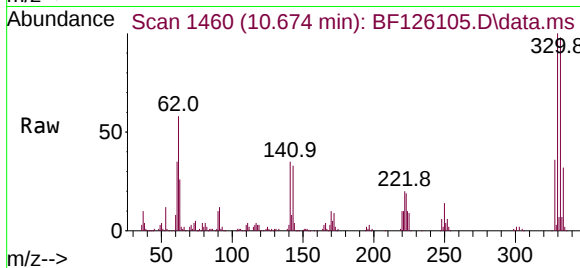
Tgt Ion:330 Resp: 268993

Ion Ratio Lower Upper

330 100

332 97.9 76.2 114.4

141 36.7 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 71.059 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF126105.D

Acq: 10 Nov 2021 13:50

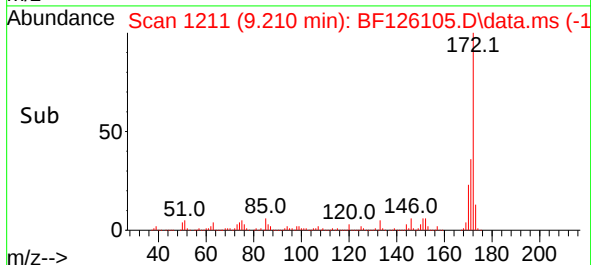
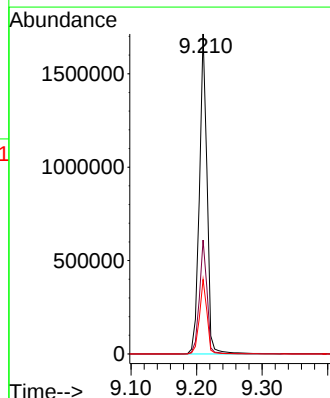
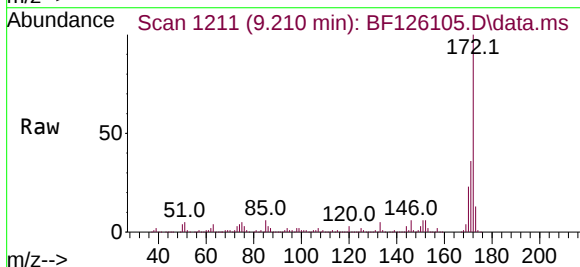
Tgt Ion:172 Resp: 1393342

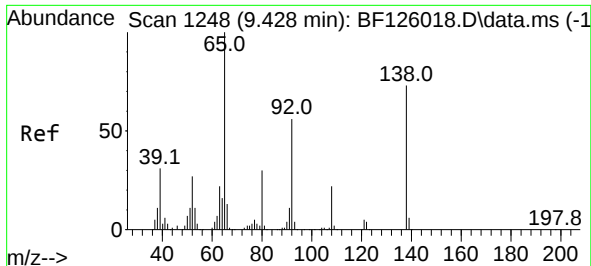
Ion Ratio Lower Upper

172 100

171 35.6 26.5 39.7

170 23.3 18.8 28.2

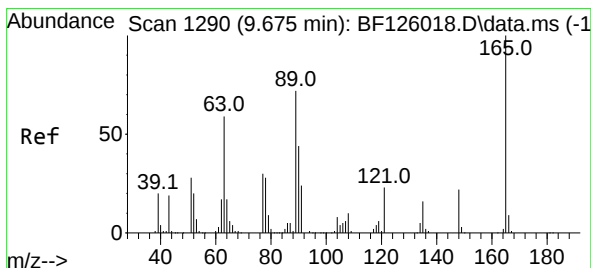
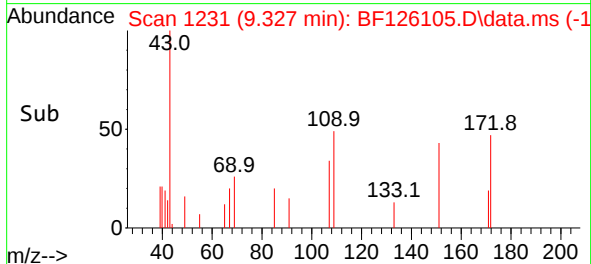
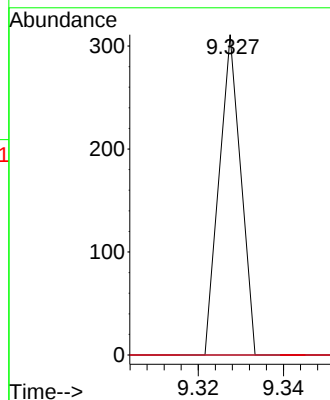
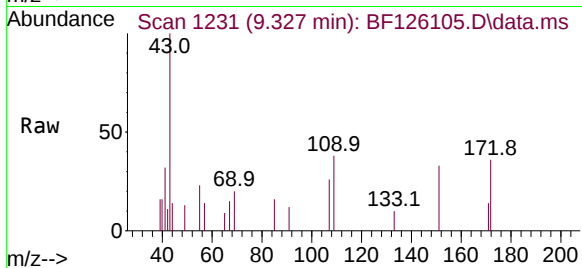




#48
2-Nitroaniline
Concen: 2.869 ng
RT: 9.327 min Scan# 11
Delta R.T. -0.101 min
Lab File: BF126105.D
Acq: 10 Nov 2021 13:50

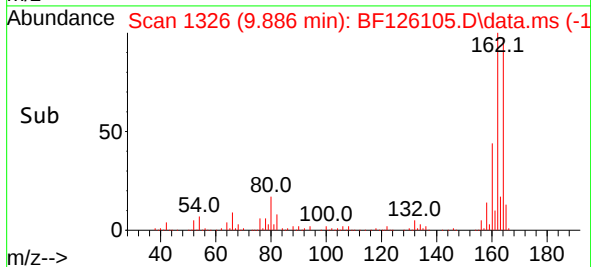
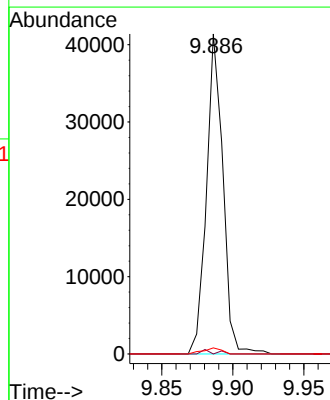
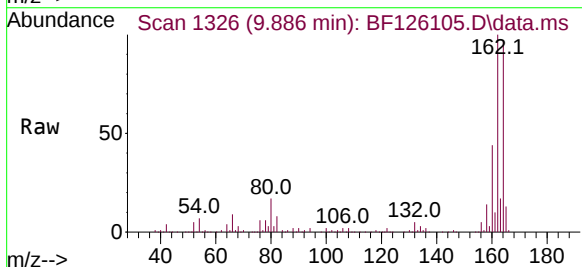
Instrument :
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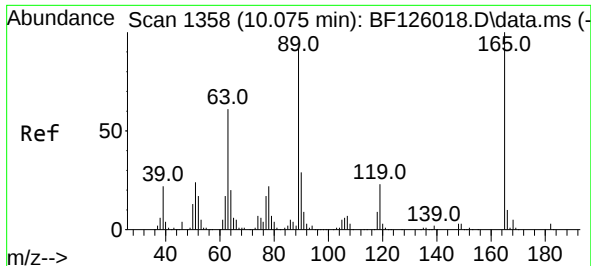
Tgt Ion: 65 Resp: 110
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 10.063 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.211 min
Lab File: BF126105.D
Acq: 10 Nov 2021 13:50

Tgt Ion:165 Resp: 33277
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 1.9 40.6 60.8#

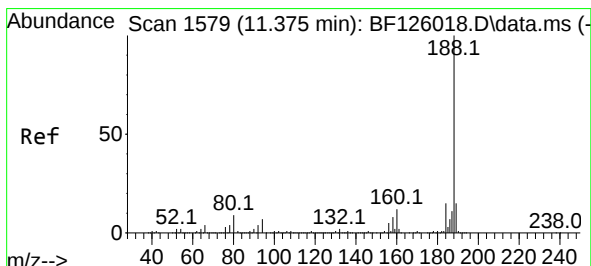
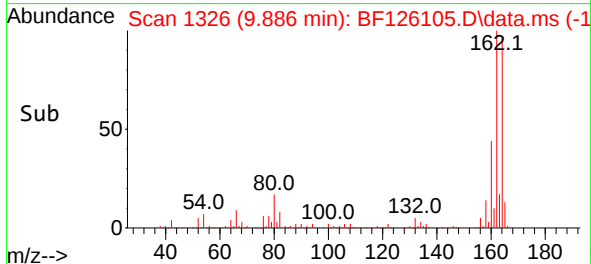
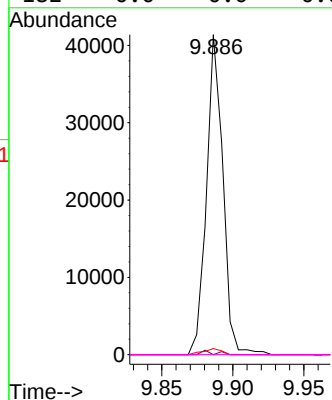
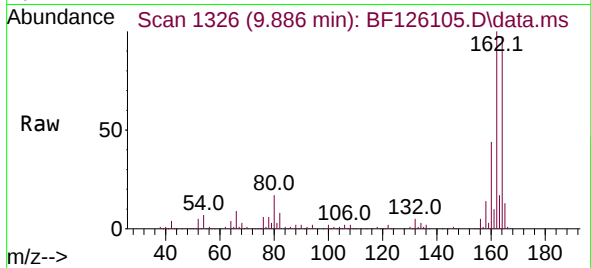




#57
2,4-Dinitrotoluene
Concen: 9.690 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF126105.D
Acq: 10 Nov 2021 13:50

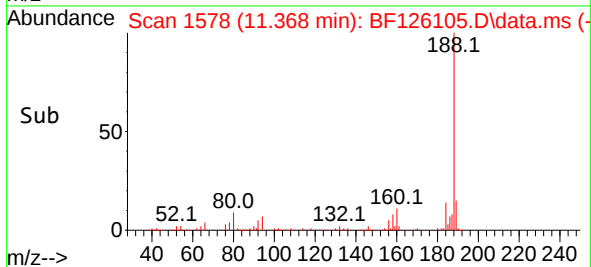
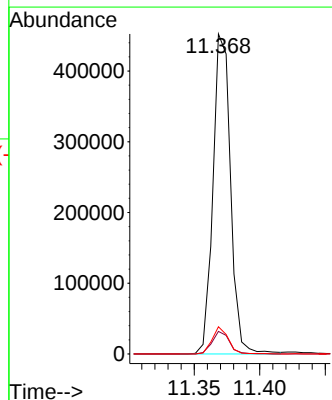
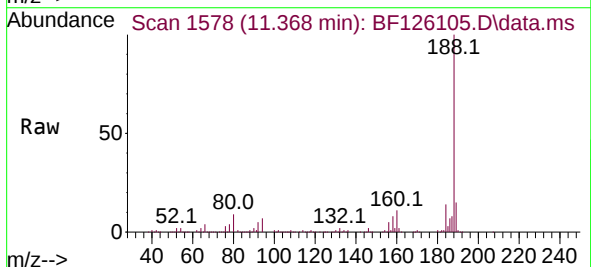
Instrument :
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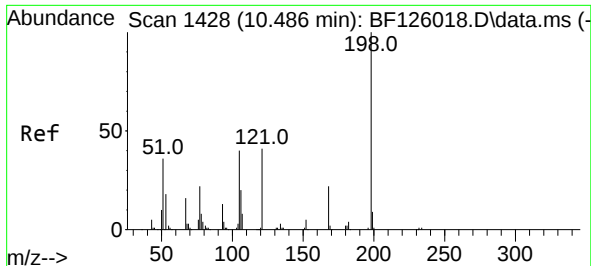
Tgt Ion:165 Resp: 33277
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 1.9 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.007 min
Lab File: BF126105.D
Acq: 10 Nov 2021 13:50

Tgt Ion:188 Resp: 420946
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 8.5 7.5 11.3





#65

4,6-Dinitro-2-methylphenol

Concen: 8.517 ng

RT: 10.674 min Scan# 1428

Delta R.T. 0.188 min

Lab File: BF126105.D

Acq: 10 Nov 2021 13:50

Instrument :

BNA_F

ClientSampleId :

WC-2-MD

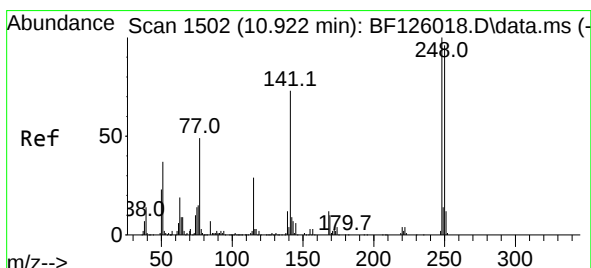
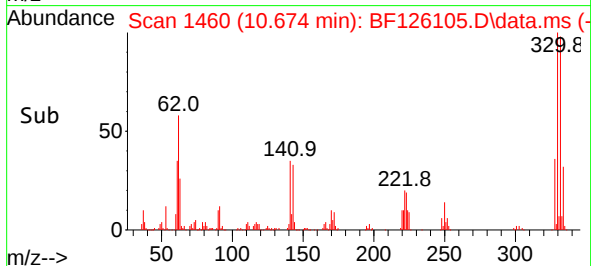
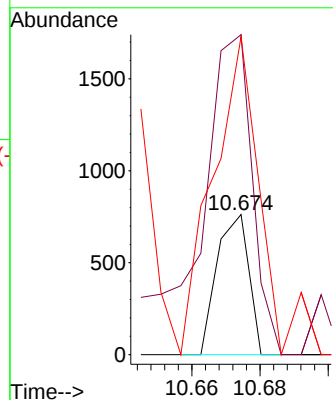
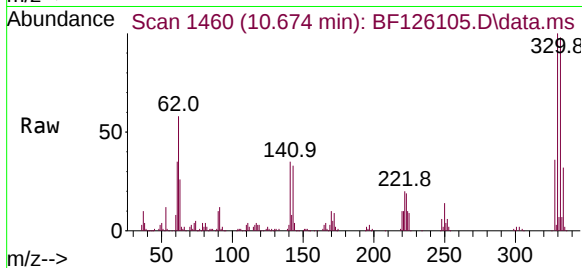
Tgt Ion:198 Resp: 491

Ion Ratio Lower Upper

198 100

51 228.3 45.3 85.3#

105 226.9 30.6 70.6#



#67

4-Bromophenyl-phenylether

Concen: 3.445 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.248 min

Lab File: BF126105.D

Acq: 10 Nov 2021 13:50

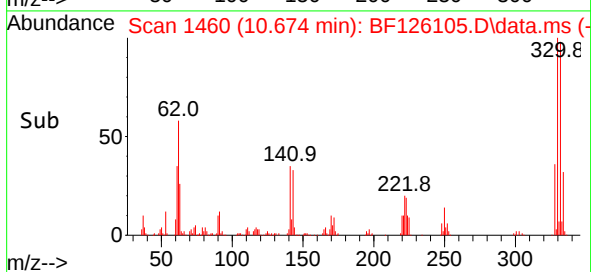
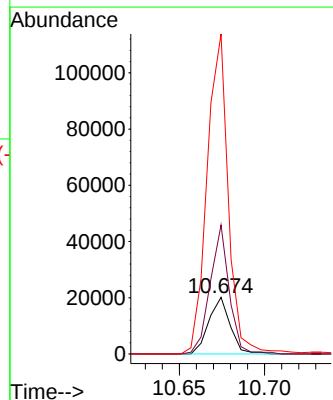
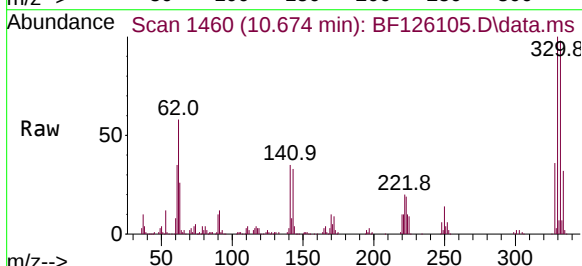
Tgt Ion:248 Resp: 17565

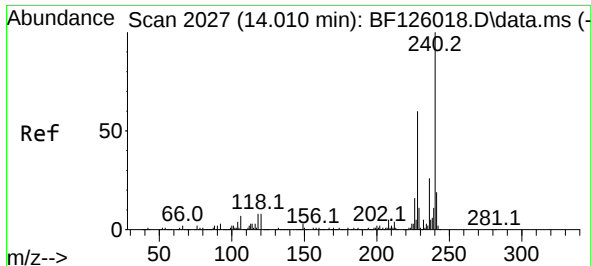
Ion Ratio Lower Upper

248 100

250 228.0 74.2 111.4#

141 565.4 60.4 90.6#

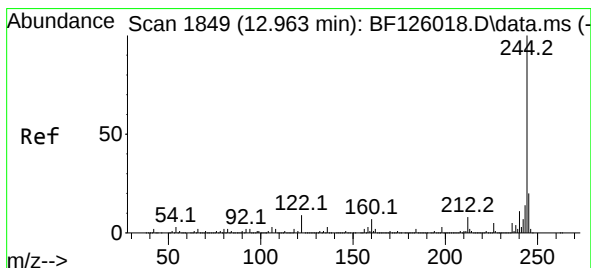
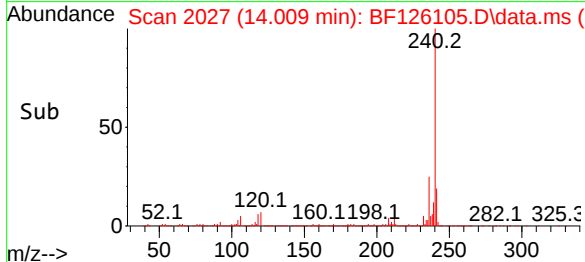
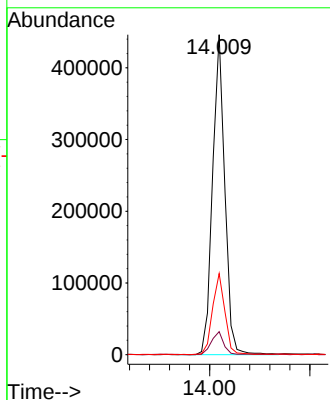
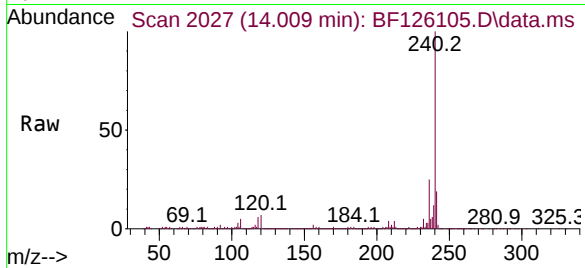




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 20
Delta R.T. -0.001 min
Lab File: BF126105.D
Acq: 10 Nov 2021 13:50

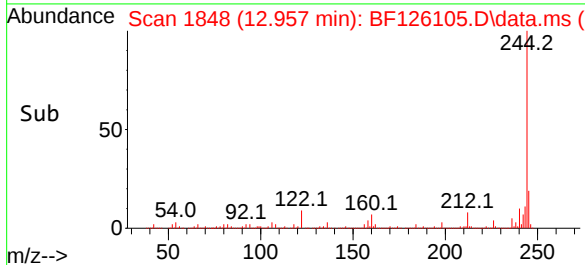
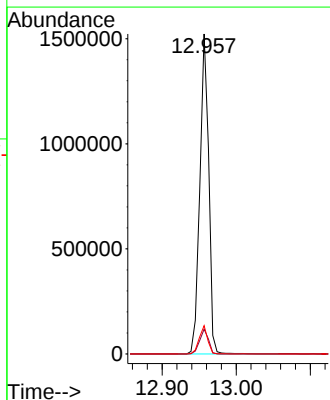
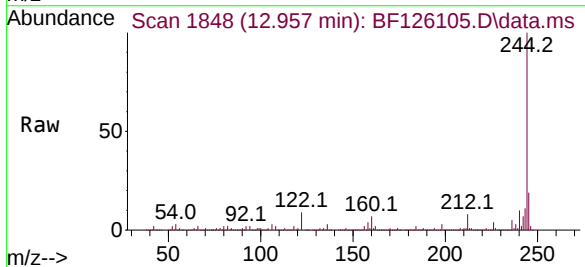
Instrument :
BNA_F
ClientSampleId :
WC-2-MD

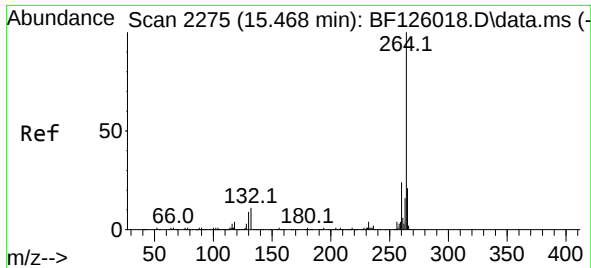
Tgt Ion:240 Resp: 378193
Ion Ratio Lower Upper
240 100
120 7.2 10.8 16.2#
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 53.654 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126105.D
Acq: 10 Nov 2021 13:50

Tgt Ion:244 Resp: 1258353
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 8.8 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126105.D
Acq: 10 Nov 2021 13:50

Instrument :
BNA_F
ClientSampleId :
WC-2-MD

Tgt Ion:264 Resp: 313302

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	21.3	17.2	25.8

