

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
 Data File : BF126095.D
 Acq On : 9 Nov 2021 22:36
 Operator : JU/CG
 Sample : M4583-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VWE-B7-110621-10-20

Quant Time: Nov 10 10:05:14 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)

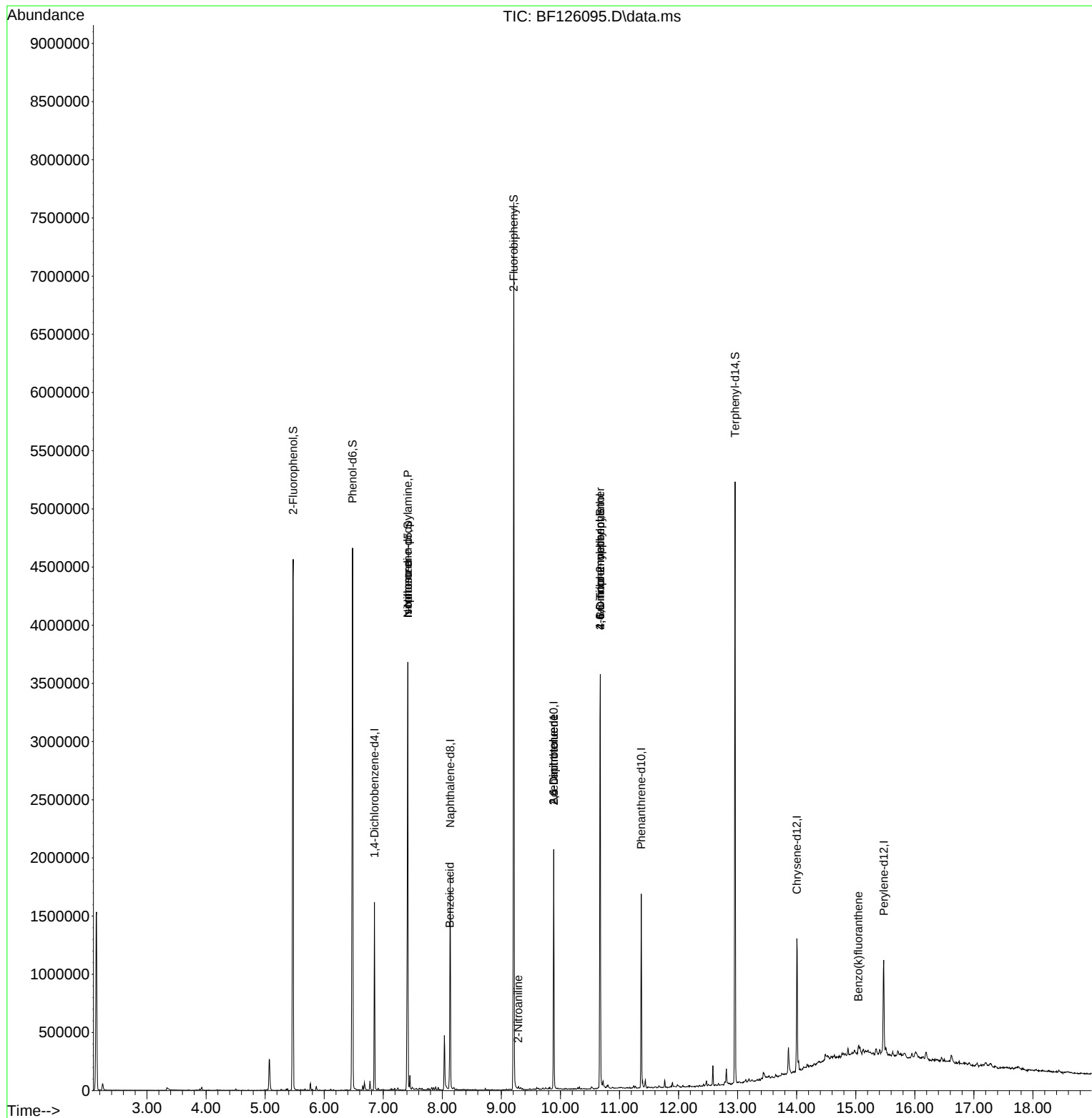
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	188427	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	678304	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	364525	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	532945	20.000	ng	0.00
76) Chrysene-d12	14.004	240	395366	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	372412	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1128695	102.867	ng	0.01
7) Phenol-d6	6.481	99	1495362	96.677	ng	0.00
23) Nitrobenzene-d5	7.416	82	1087027	75.578	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	404627	96.859	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2079043	77.074	ng	0.00
79) Terphenyl-d14	12.957	244	1584464	64.624	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.375	77	123	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	157668	15.462	ng	# 59
25) Isophorone	7.416	82	1079043	41.669	ng	# 59
32) Benzoic acid	8.128	122	113	9.158	ng	# 1
48) 2-Nitroaniline	9.286	65	299	2.888	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	46746	10.276	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	46746	9.828	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.674	198	1209	8.706	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	25743	3.988	ng	# 1
89) Benzo(k)fluoranthene	15.045	252	47465	2.020	ng	# 90

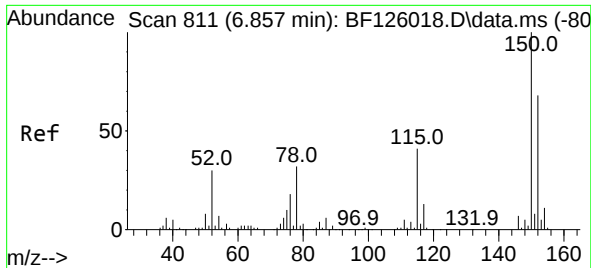
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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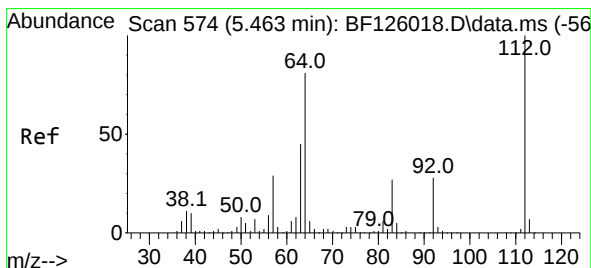
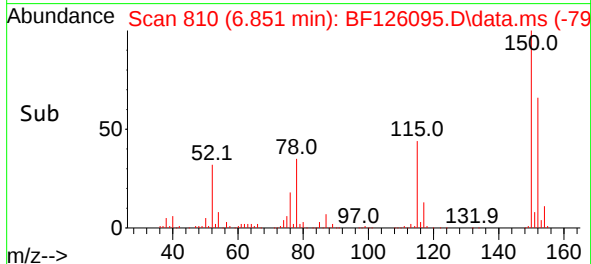
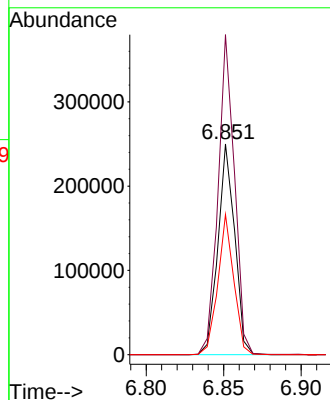
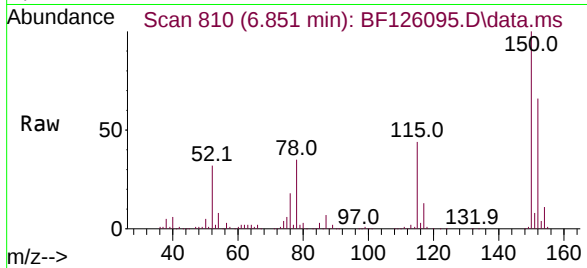




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126095.D
Acq: 9 Nov 2021 22:36

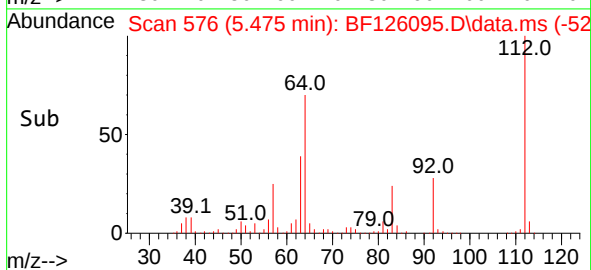
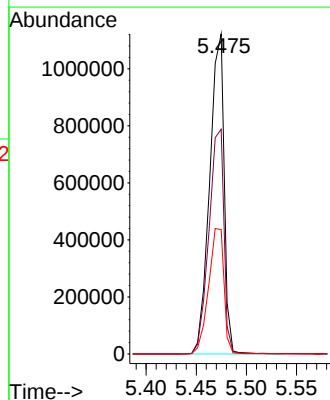
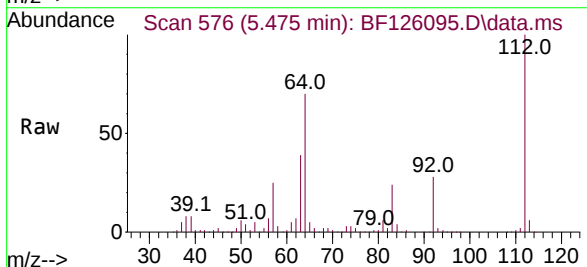
Instrument :
BNA_F
ClientSampleId :
VWE-B7-110621-10-20

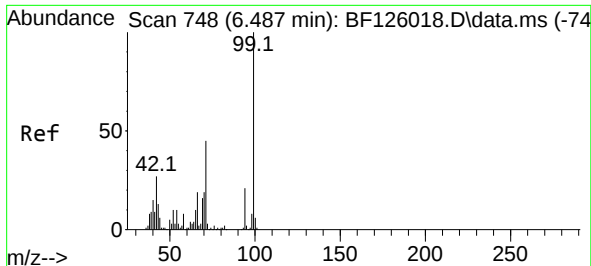
Tgt Ion:152 Resp: 188427
Ion Ratio Lower Upper
152 100
150 151.8 117.6 176.4
115 66.5 47.1 70.7



#5
2-Fluorophenol
Concen: 102.867 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF126095.D
Acq: 9 Nov 2021 22:36

Tgt Ion:112 Resp: 1128695
Ion Ratio Lower Upper
112 100
64 70.2 44.2 66.2#
63 38.8 26.2 39.2

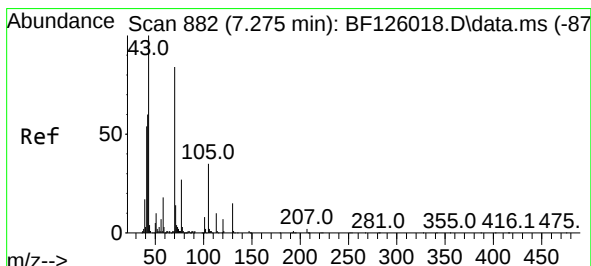
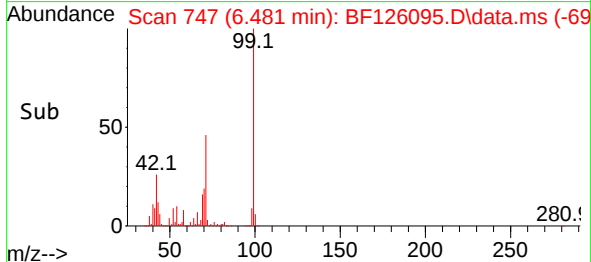
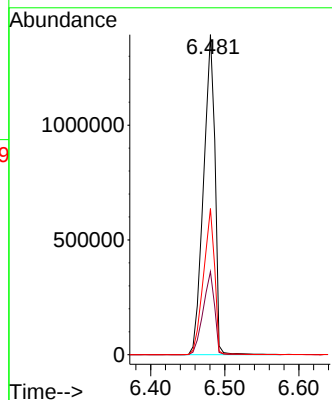
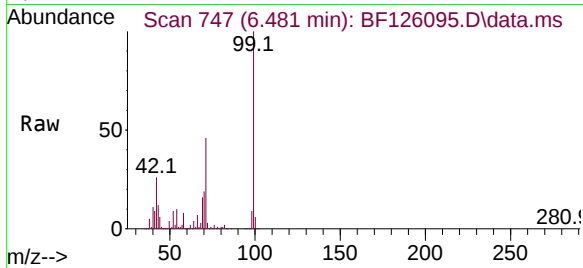




#7
Phenol-d6
Concen: 96.677 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126095.D
Acq: 9 Nov 2021 22:36

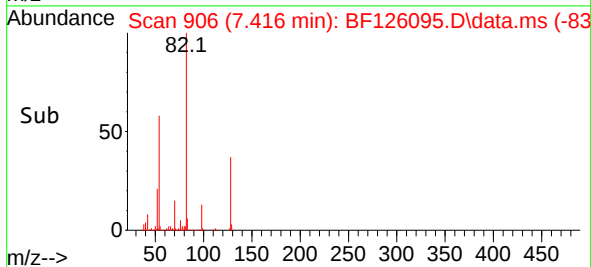
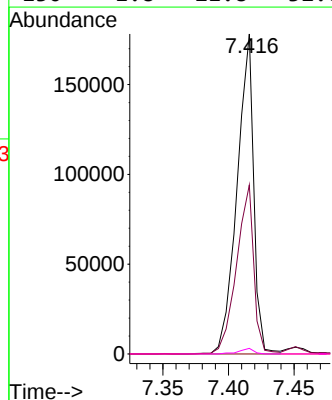
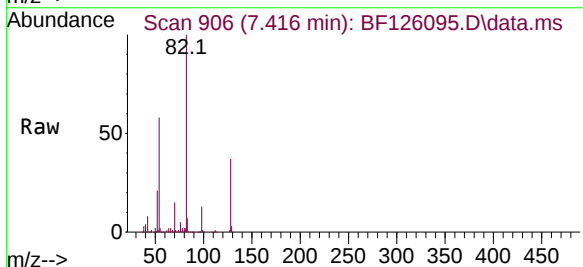
Instrument :
BNA_F
ClientSampleId :
VWE-B7-110621-10-20

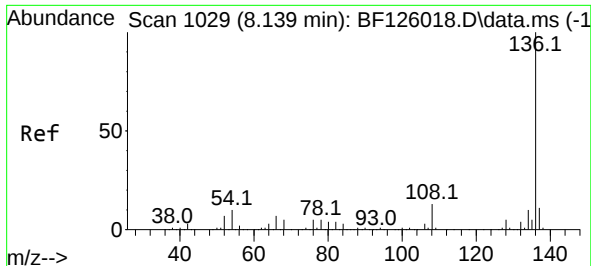
Tgt Ion: 99 Resp: 1495362
Ion Ratio Lower Upper
99 100
42 25.9 23.5 35.3
71 45.7 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 15.462 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF126095.D
Acq: 9 Nov 2021 22:36

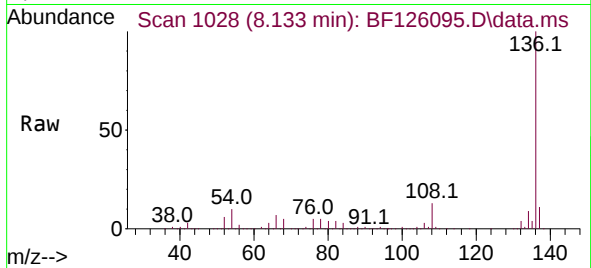
Tgt Ion: 70 Resp: 157668
Ion Ratio Lower Upper
70 100
42 52.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#



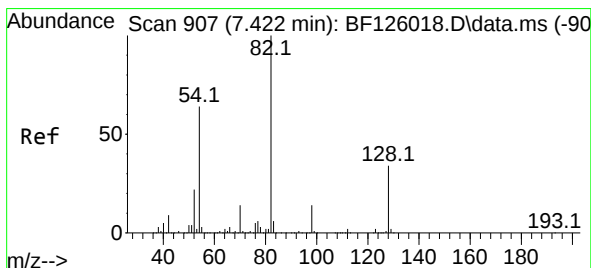
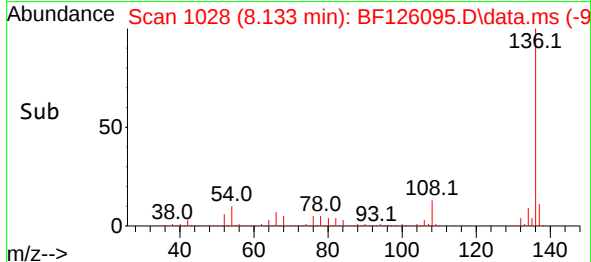
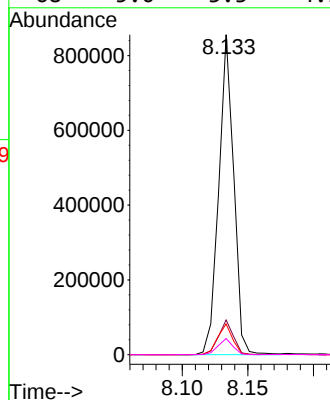


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126095.D
Acq: 9 Nov 2021 22:36

Instrument :
BNA_F
ClientSampleId :
VWE-B7-110621-10-20

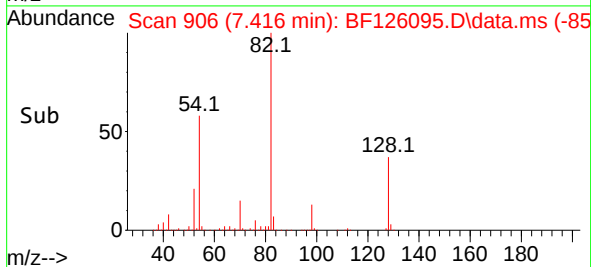
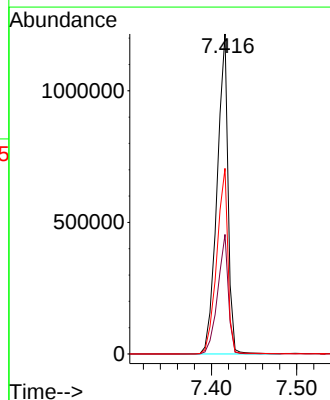
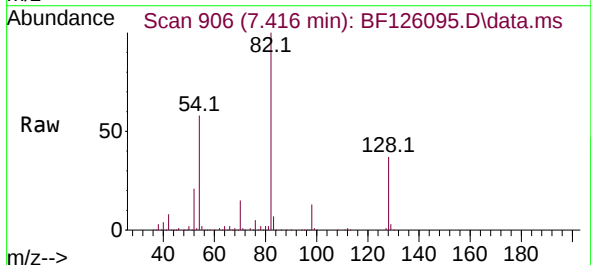


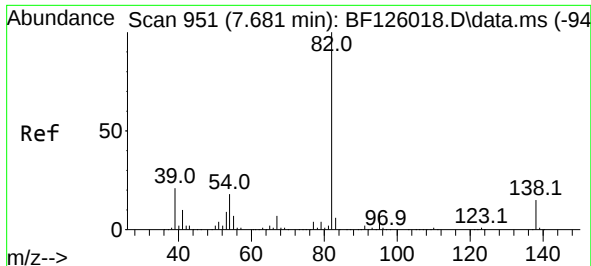
Tgt Ion:136 Resp: 678304
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 9.6 6.4 9.6#
68 5.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 75.578 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126095.D
Acq: 9 Nov 2021 22:36

Tgt Ion: 82 Resp: 1087027
Ion Ratio Lower Upper
82 100
128 37.4 40.6 60.8#
54 58.0 49.6 74.4

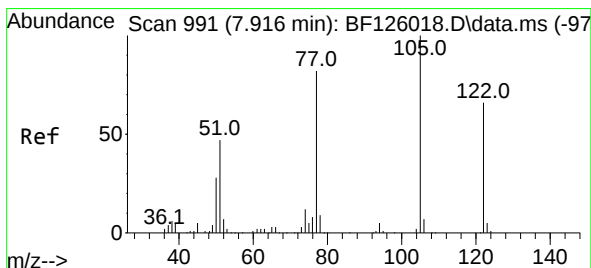
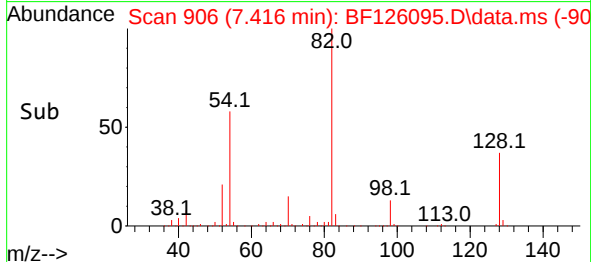
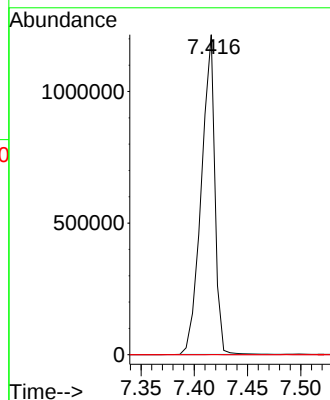
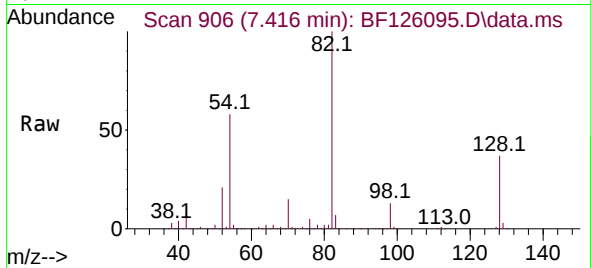




#25
Isophorone
Concen: 41.669 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126095.D
Acq: 9 Nov 2021 22:36

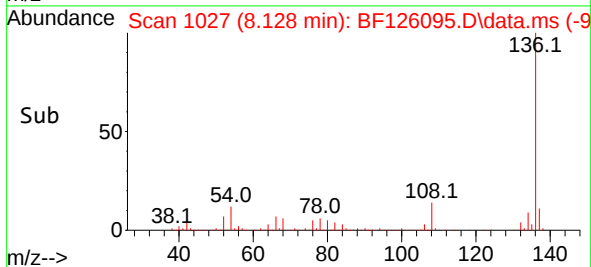
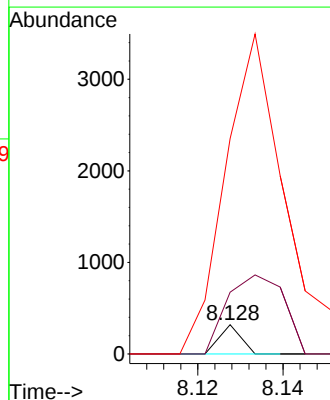
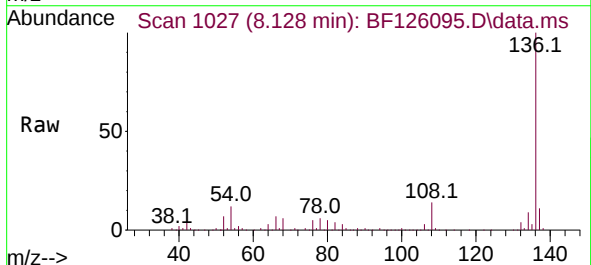
Instrument :
BNA_F
ClientSampleId :
VWE-B7-110621-10-20

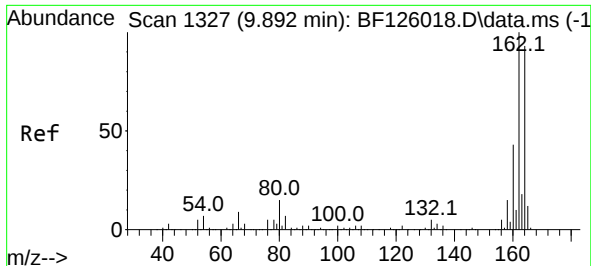
Tgt Ion: 82 Resp: 1079043
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.158 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.212 min
Lab File: BF126095.D
Acq: 9 Nov 2021 22:36

Tgt Ion: 122 Resp: 113
Ion Ratio Lower Upper
122 100
105 210.9 97.6 137.6#
77 735.3 59.6 99.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126095.D

Acq: 9 Nov 2021 22:36

Instrument :

BNA_F

ClientSampleId :

VWE-B7-110621-10-20

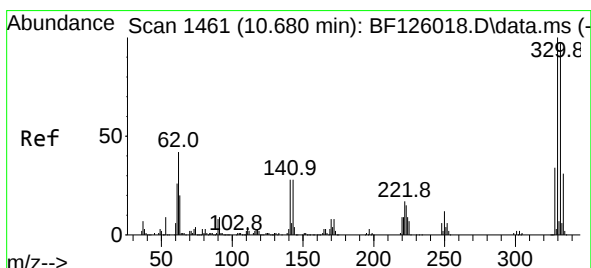
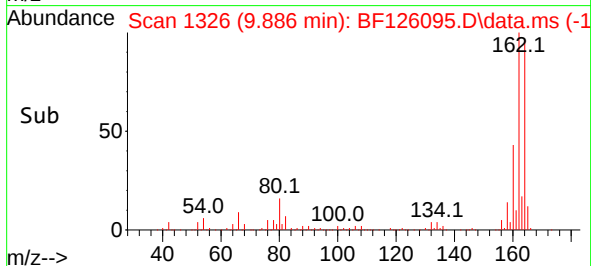
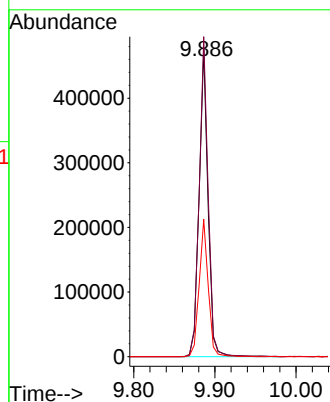
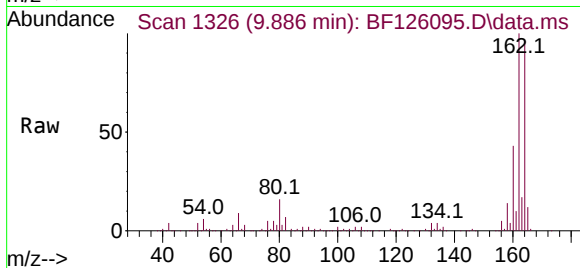
Tgt Ion:164 Resp: 364525

Ion Ratio Lower Upper

164 100

162 104.1 81.3 121.9

160 44.7 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 96.859 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF126095.D

Acq: 9 Nov 2021 22:36

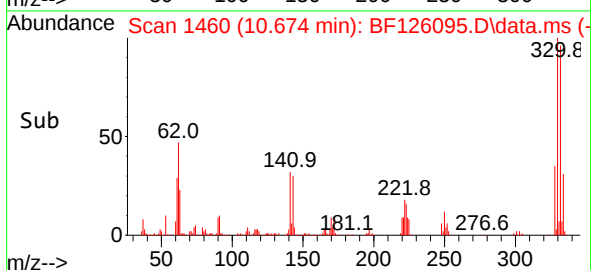
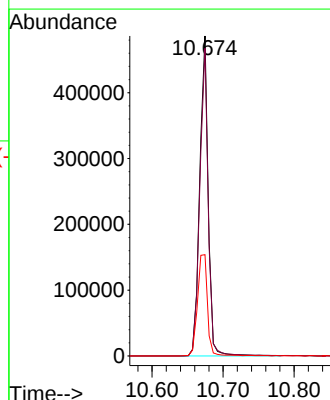
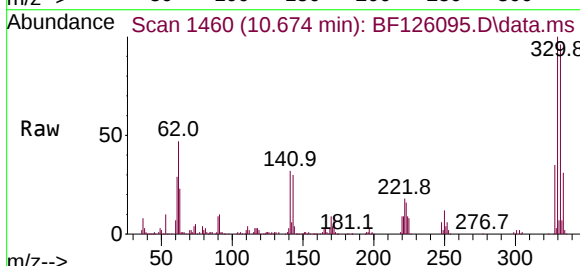
Tgt Ion:330 Resp: 404627

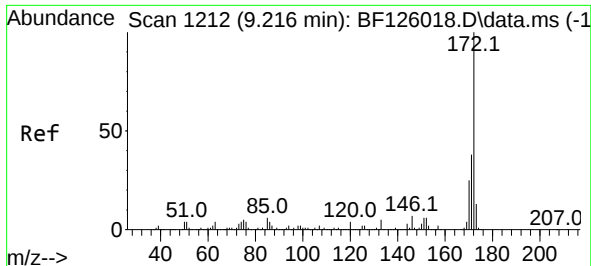
Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.4

141 37.3 44.6 66.8#

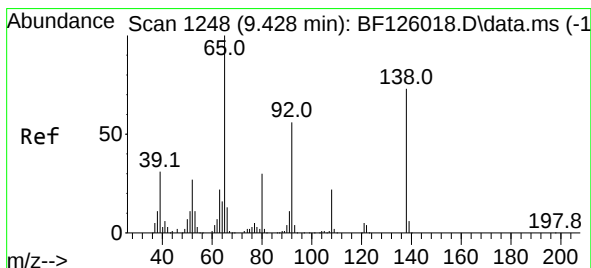
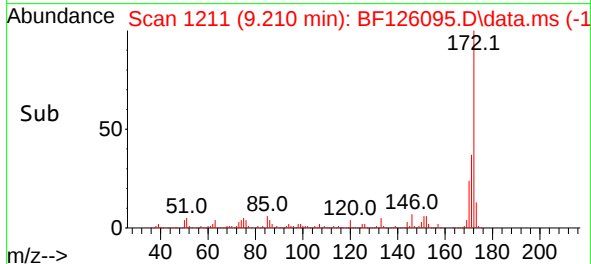
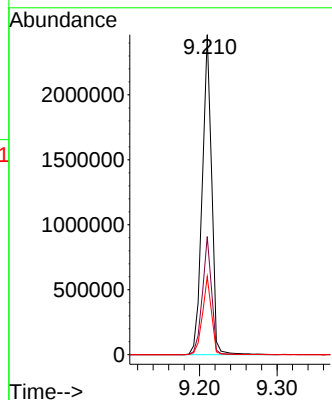
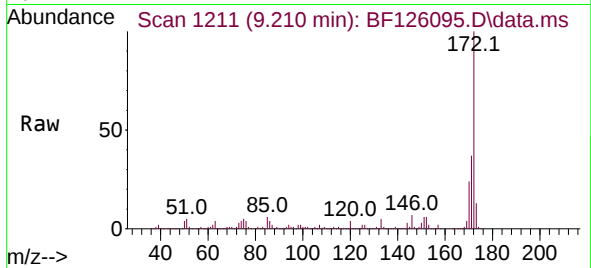




#45
2-Fluorobiphenyl
Concen: 77.074 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126095.D
Acq: 9 Nov 2021 22:36

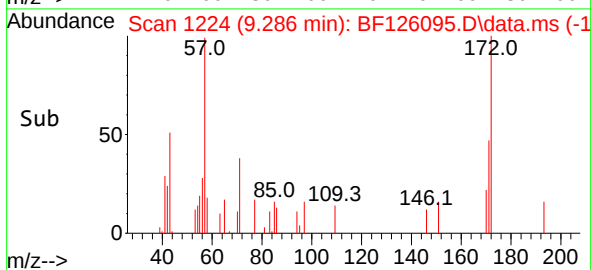
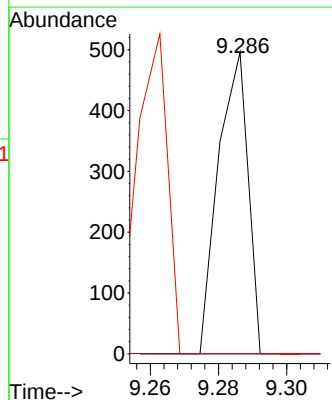
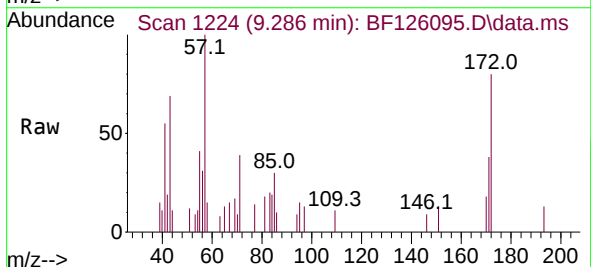
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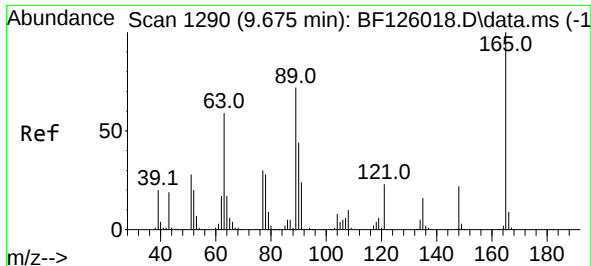
Tgt Ion:172 Resp: 2079043
Ion Ratio Lower Upper
172 100
171 36.9 26.5 39.7
170 24.4 18.8 28.2



#48
2-Nitroaniline
Concen: 2.888 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.142 min
Lab File: BF126095.D
Acq: 9 Nov 2021 22:36

Tgt Ion: 65 Resp: 299
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

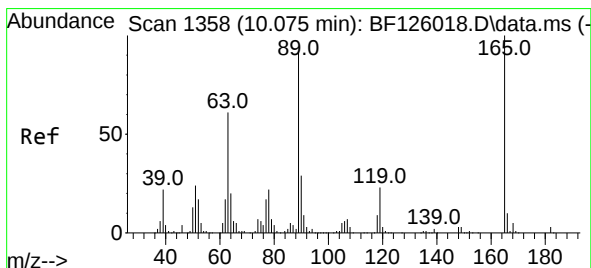
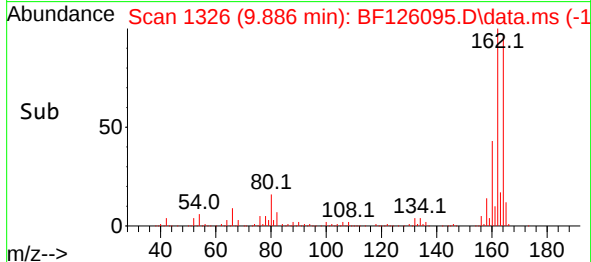
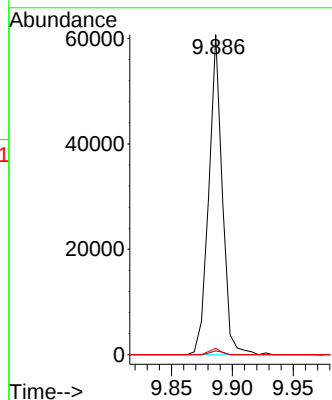
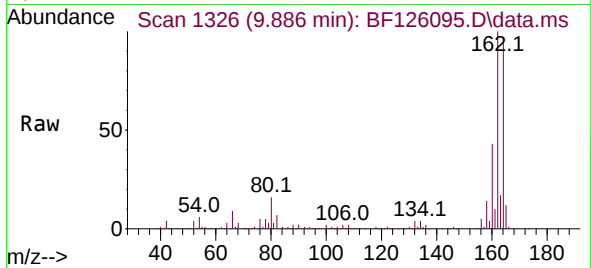




#51
2,6-Dinitrotoluene
Concen: 10.276 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.211 min
Lab File: BF126095.D
Acq: 9 Nov 2021 22:36

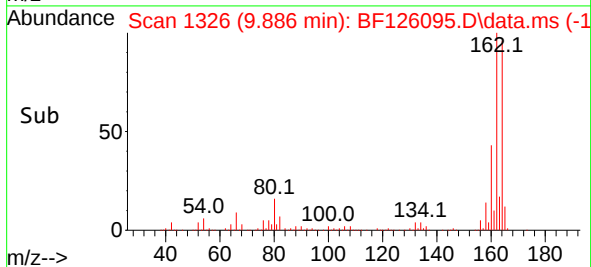
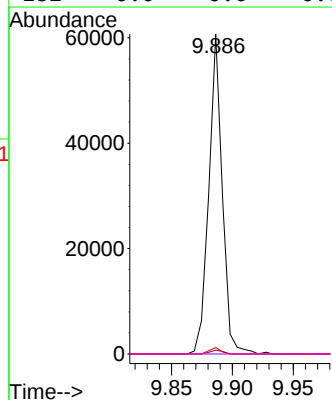
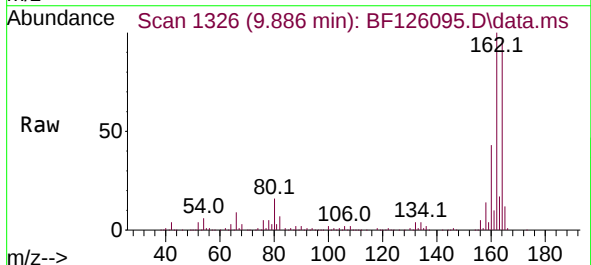
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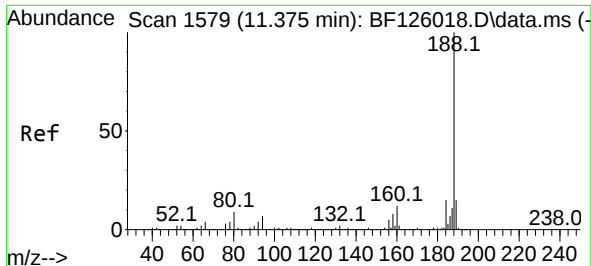
Tgt Ion:165 Resp: 46746
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 2.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 9.828 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.189 min
Lab File: BF126095.D
Acq: 9 Nov 2021 22:36

Tgt Ion:165 Resp: 46746
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 2.0 59.7 89.5#
182 0.0 0.0 0.0

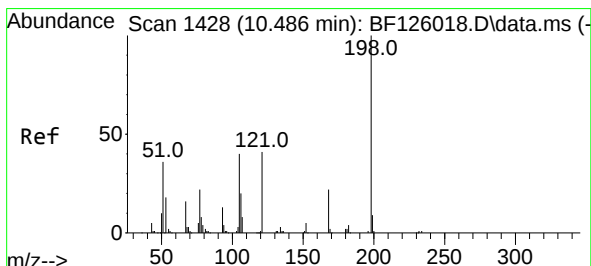
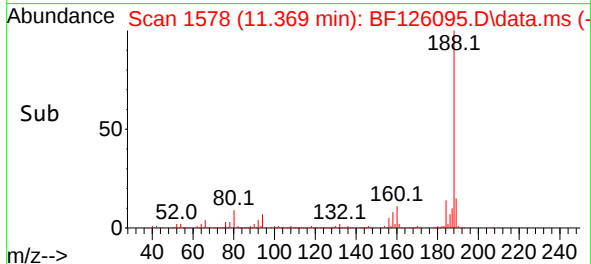
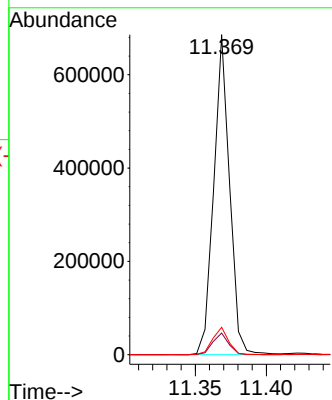
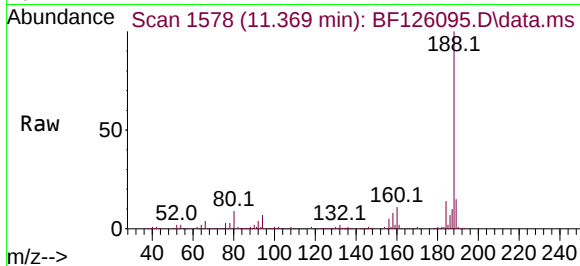




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126095.D
Acq: 9 Nov 2021 22:36

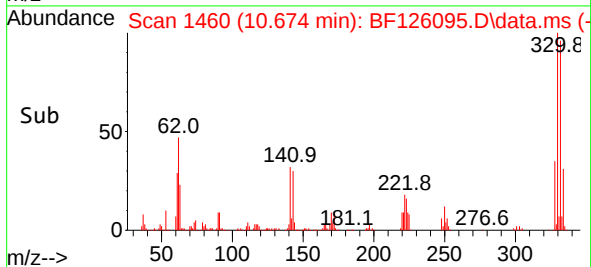
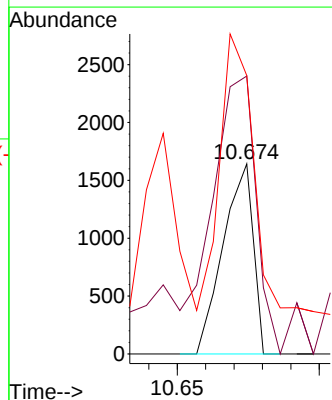
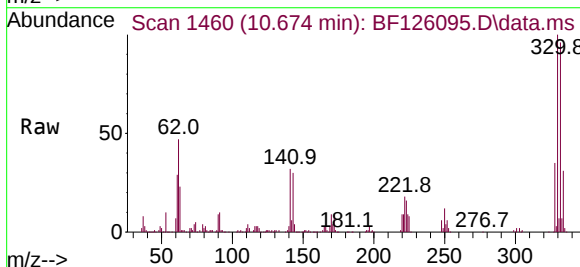
Instrument :
BNA_F
ClientSampleId :
VWE-B7-110621-10-20

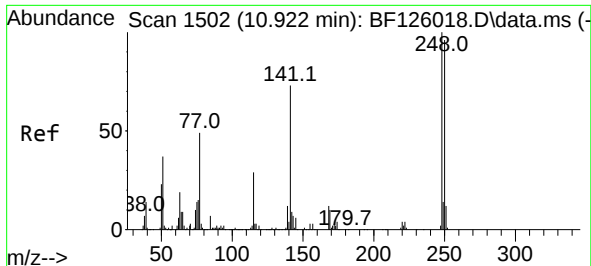
Tgt Ion:188 Resp: 532945
Ion Ratio Lower Upper
188 100
94 6.7 6.7 10.1
80 8.6 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 8.706 ng
RT: 10.674 min Scan# 1460
Delta R.T. 0.188 min
Lab File: BF126095.D
Acq: 9 Nov 2021 22:36

Tgt Ion:198 Resp: 1209
Ion Ratio Lower Upper
198 100
51 146.1 45.3 85.3#
105 146.4 30.6 70.6#

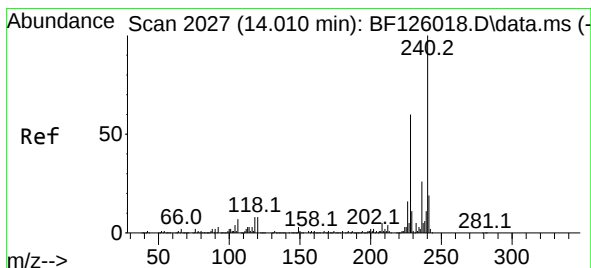
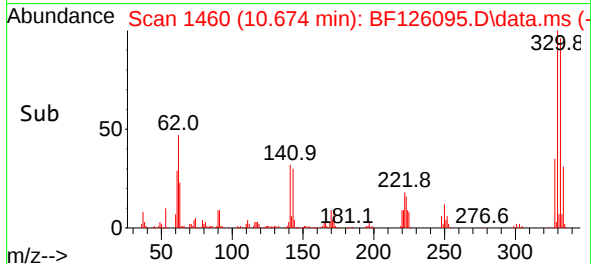
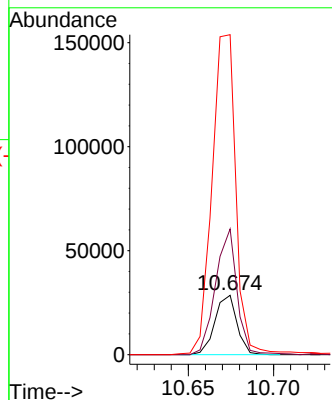
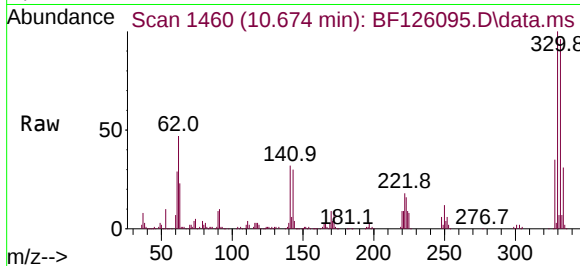




#67
4-Bromophenyl-phenylether
Concen: 3.988 ng
RT: 10.674 min Scan# 14
Delta R.T. -0.248 min
Lab File: BF126095.D
Acq: 9 Nov 2021 22:36

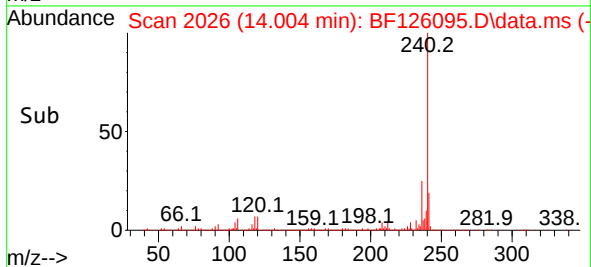
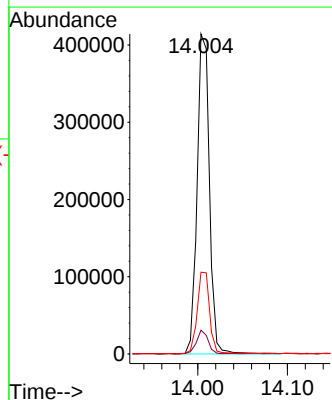
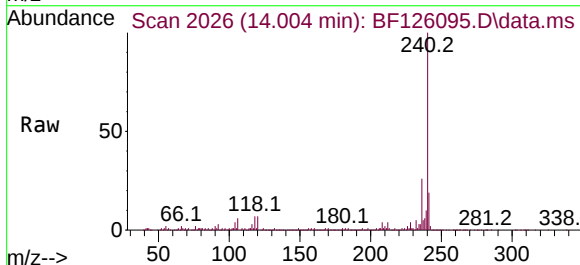
Instrument :
BNA_F
ClientSampleId :
VWE-B7-110621-10-20

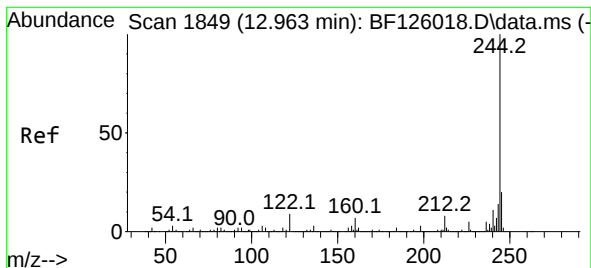
Tgt Ion:248 Resp: 25743
Ion Ratio Lower Upper
248 100
250 211.5 74.2 111.4#
141 538.6 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126095.D
Acq: 9 Nov 2021 22:36

Tgt Ion:240 Resp: 395366
Ion Ratio Lower Upper
240 100
120 7.5 10.8 16.2#
236 25.6 21.6 32.4





#79

Terphenyl-d14

Concen: 64.624 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF126095.D

Acq: 9 Nov 2021 22:36

Instrument :

BNA_F

ClientSampleId :

VWE-B7-110621-10-20

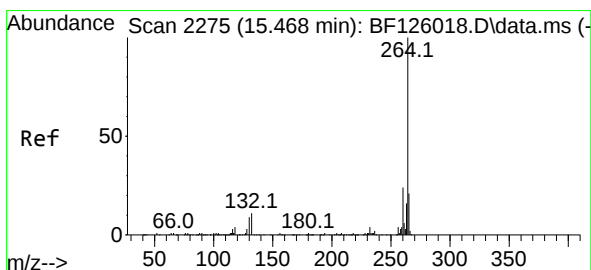
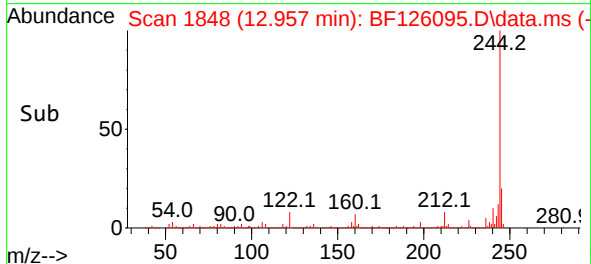
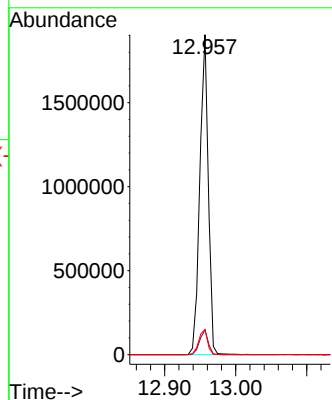
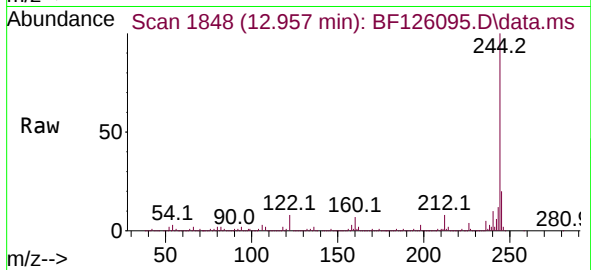
Tgt Ion:244 Resp: 1584464

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 7.8 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF126095.D

Acq: 9 Nov 2021 22:36

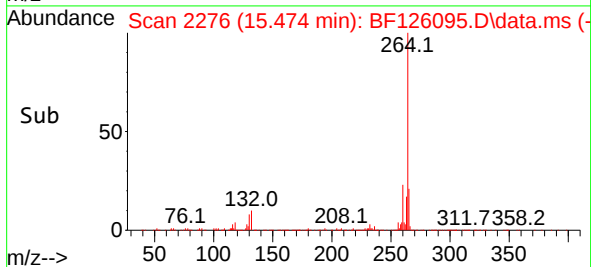
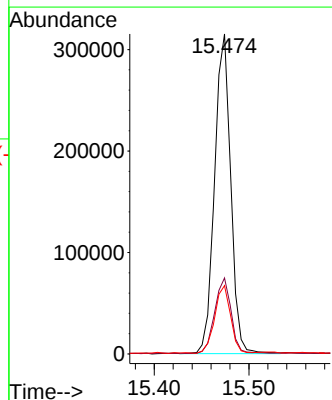
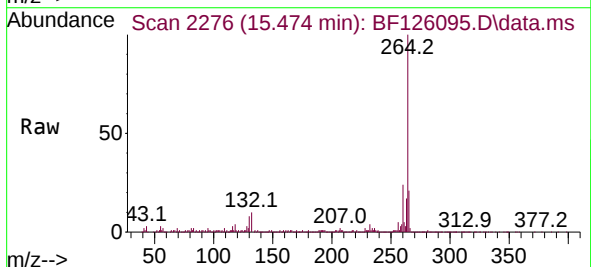
Tgt Ion:264 Resp: 372412

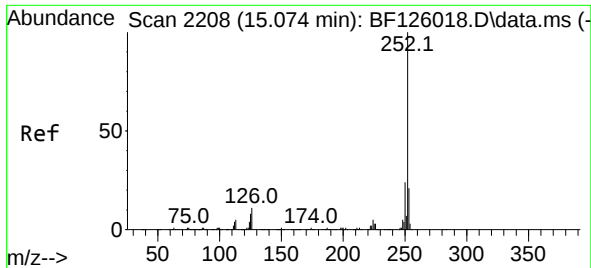
Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

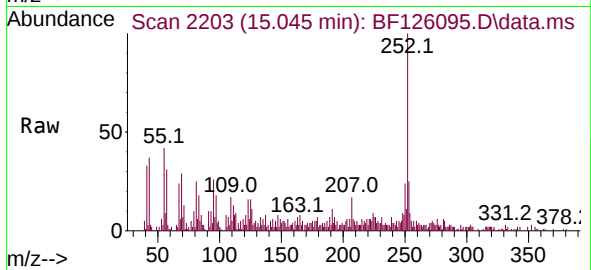
265 21.3 17.2 25.8





#89
Benzo(k)fluoranthene
Concen: 2.020 ng
RT: 15.045 min Scan# 21
Delta R.T. -0.030 min
Lab File: BF126095.D
Acq: 9 Nov 2021 22:36

Instrument :
BNA_F
ClientSampleId :
VWE-B7-110621-10-20



Tgt Ion:252 Resp: 47465
Ion Ratio Lower Upper
252 100
253 25.3 17.8 26.8
125 16.4 7.2 10.8#

