

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
 Data File : BF126091.D
 Acq On : 9 Nov 2021 20:24
 Operator : JU/CG
 Sample : M4523-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VWE-B4-110421-0-10

Quant Time: Nov 10 10:03:49 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

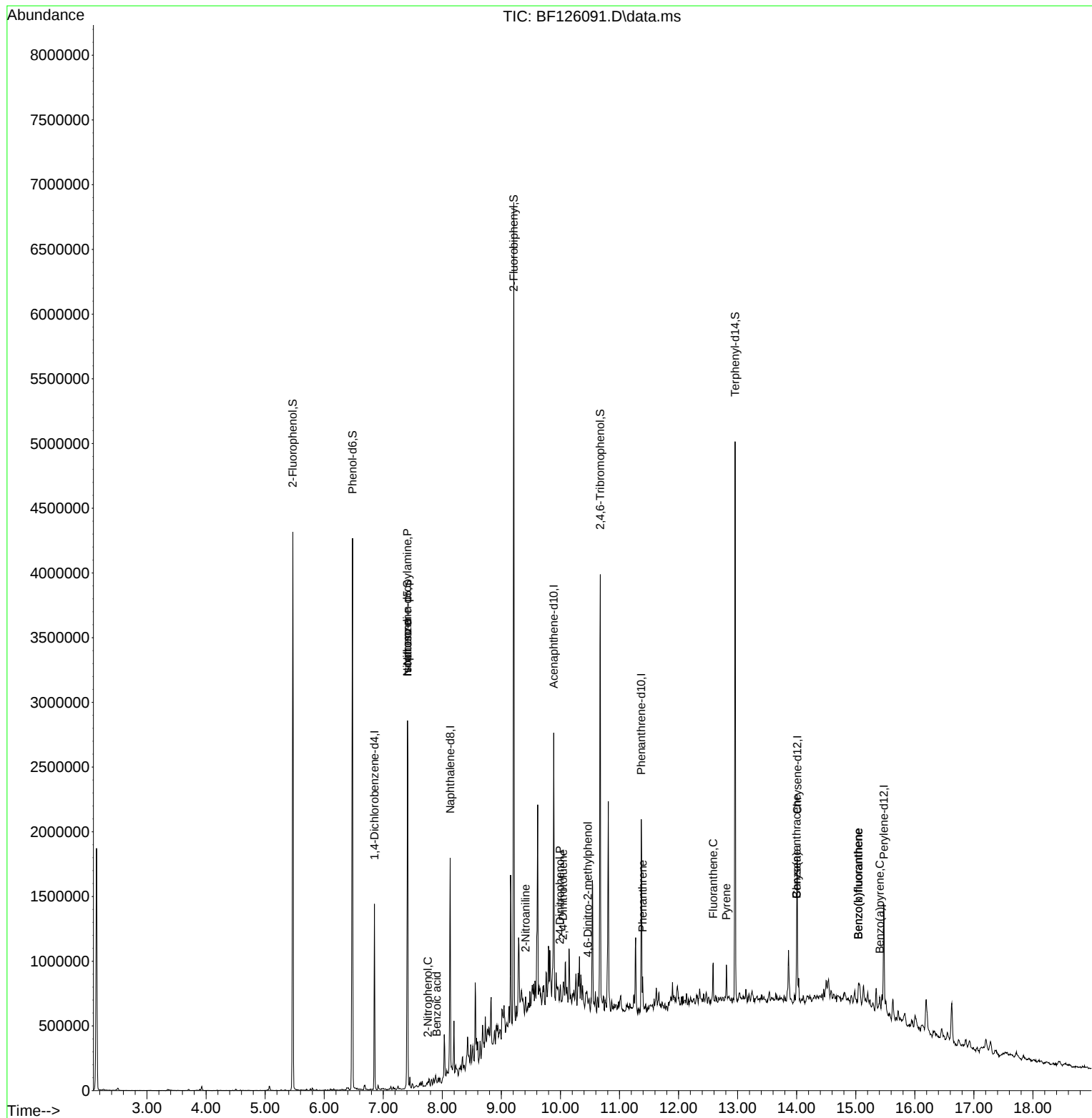
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	173069	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	627491	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	343079	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	514013	20.000	ng	0.00
76) Chrysene-d12	14.010	240	354684	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	384570	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	970224	96.271	ng	0.00
7) Phenol-d6	6.481	99	1245114	87.642	ng	0.00
23) Nitrobenzene-d5	7.410	82	928783	69.805	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	352049	89.541	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1745639	68.759	ng	0.00
79) Terphenyl-d14	12.957	244	1342778	61.048	ng	0.00
Target Compounds						
9) Benzaldehyde	6.398	77	2959	Below Cal		Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	135066	14.421	ng	# 62
25) Isophorone	7.410	82	919289	38.374	ng	# 59
26) 2-Nitrophenol	7.757	139	137	4.655	ng	# 1
32) Benzoic acid	7.904	122	388	9.200	ng	# 1
48) 2-Nitroaniline	9.410	65	1702	3.084	ng	# 37
54) 2,4-Dinitrophenol	9.992	184	143	6.806	ng	# 1
57) 2,4-Dinitrotoluene	10.045	165	3428	3.684	ng	# 50
65) 4,6-Dinitro-2-methylph...	10.463	198	528	8.493	ng	# 1
71) Phenanthrene	11.392	178	73629	2.641	ng	# 95
75) Fluoranthene	12.586	202	116065	3.739	ng	94
78) Pyrene	12.810	202	114384	4.021	ng	95
81) Benzo(a)anthracene	13.998	228	65398	2.684	ng	97
83) Chrysene	13.998	228	65398	2.885	ng	98
88) Benzo(b)fluoranthene	15.045	252	104904	4.194	ng	96
89) Benzo(k)fluoranthene	15.045	252	104904	4.323	ng	# 95
90) Benzo(a)pyrene	15.409	252	49498	2.512	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126091.D
Acq On : 9 Nov 2021 20:24
Operator : JU/CG
Sample : M4523-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

Quant Time: Nov 10 10:03:49 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

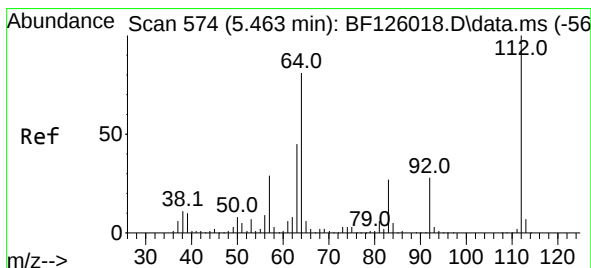
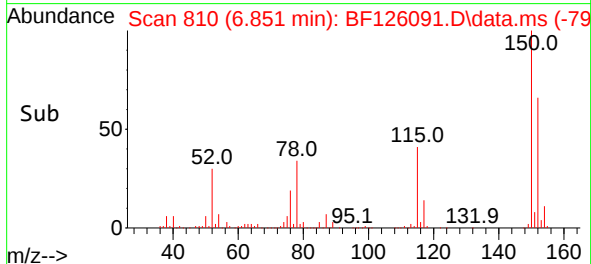
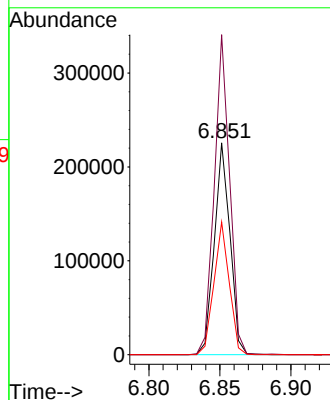
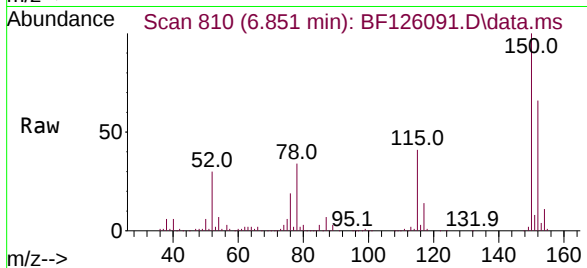




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

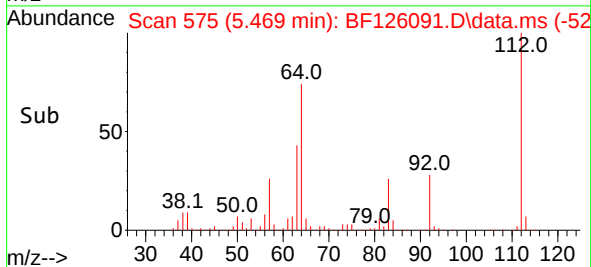
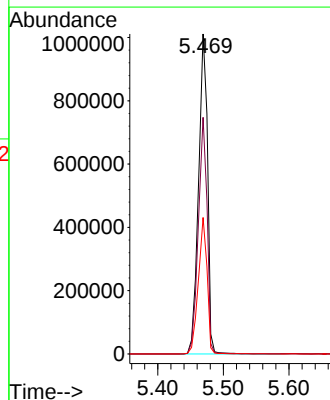
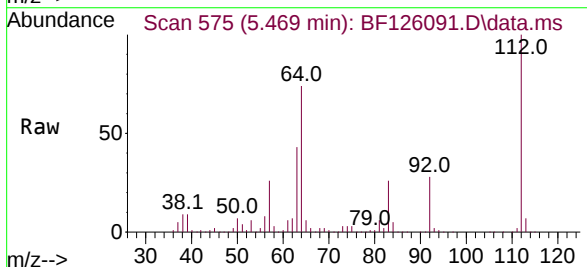
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

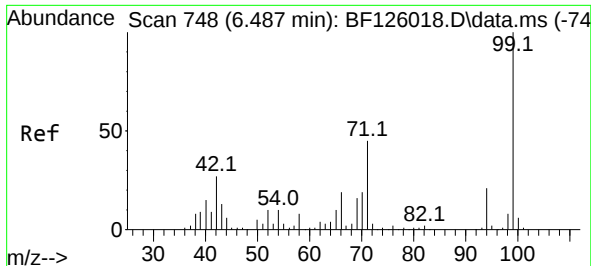
Tgt Ion:152 Resp: 173069
Ion Ratio Lower Upper
152 100
150 151.0 117.6 176.4
115 62.6 47.1 70.7



#5
2-Fluorophenol
Concen: 96.271 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

Tgt Ion:112 Resp: 970224
Ion Ratio Lower Upper
112 100
64 74.0 44.2 66.2#
63 42.6 26.2 39.2#





#7

Phenol-d6

Concen: 87.642 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF126091.D

Acq: 9 Nov 2021 20:24

Instrument :

BNA_F

ClientSampleId :

VWE-B4-110421-0-10

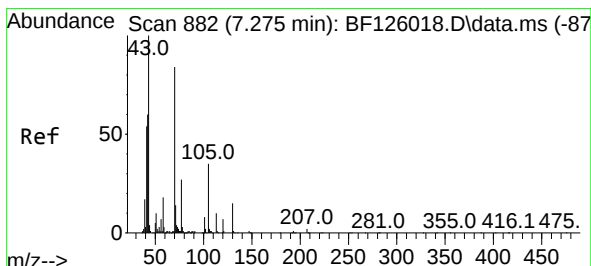
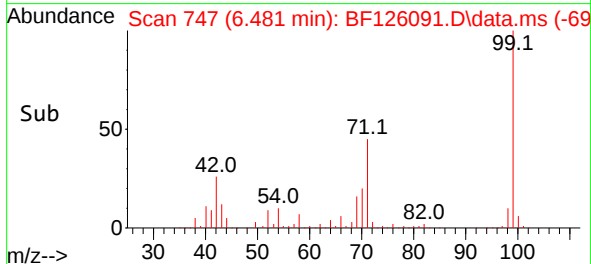
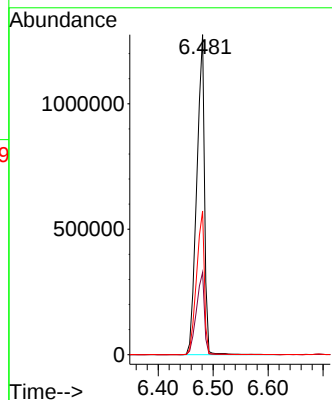
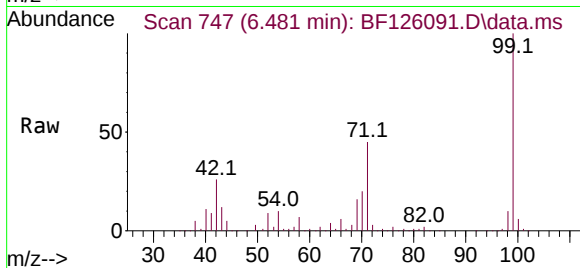
Tgt Ion: 99 Resp: 1245114

Ion Ratio Lower Upper

99 100

42 25.7 23.5 35.3

71 44.9 25.6 38.4#



#19

n-Nitroso-di-n-propylamine

Concen: 14.421 ng

RT: 7.410 min Scan# 905

Delta R.T. 0.135 min

Lab File: BF126091.D

Acq: 9 Nov 2021 20:24

Tgt Ion: 70 Resp: 135066

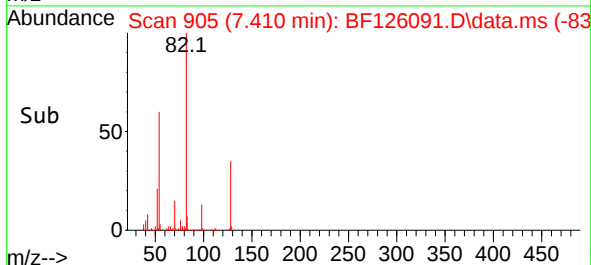
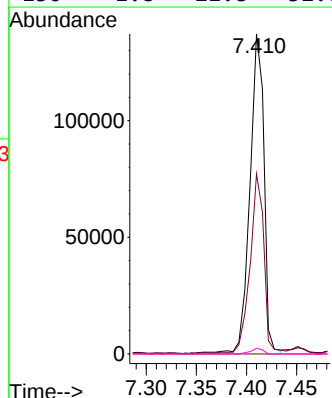
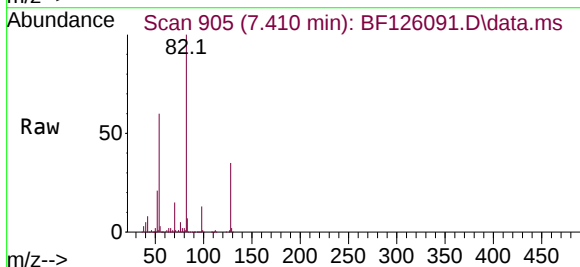
Ion Ratio Lower Upper

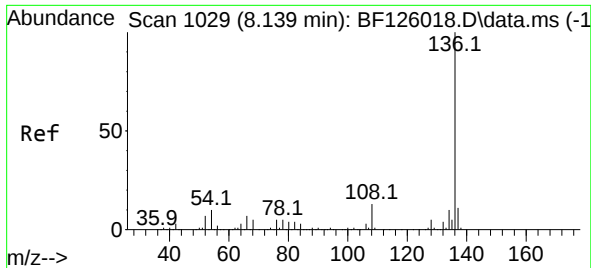
70 100

42 56.3 72.2 108.2#

101 0.0 7.8 11.8#

130 1.8 21.8 32.6#

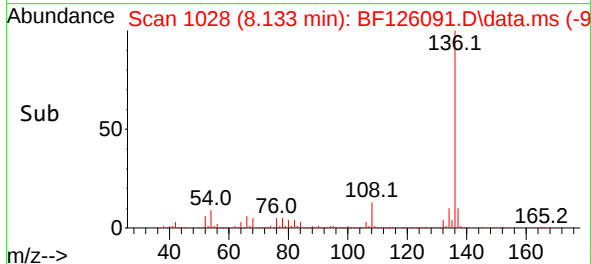
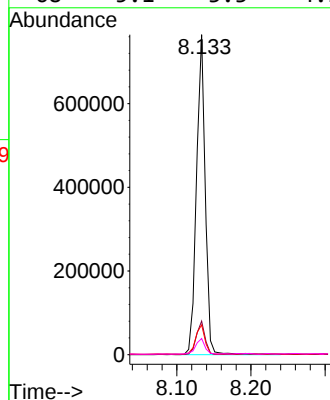
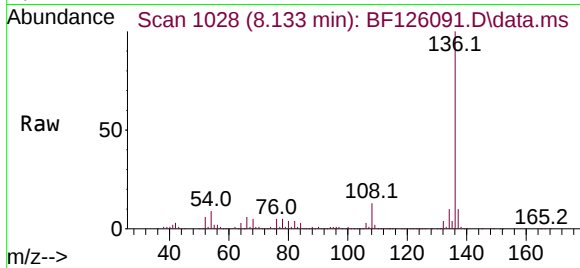




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1029
Delta R.T. -0.005 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

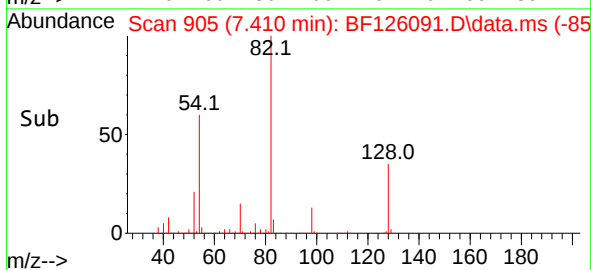
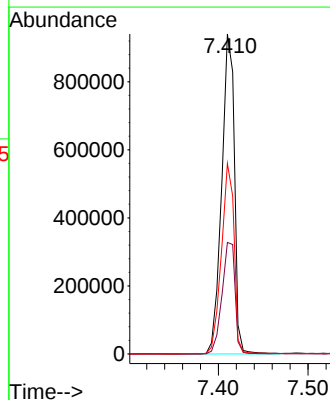
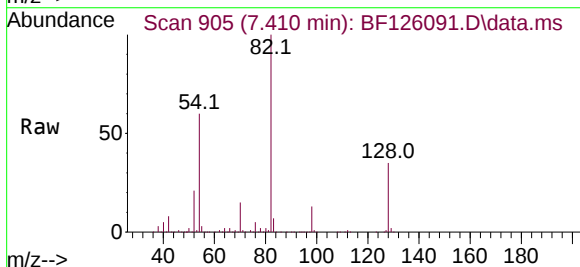
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

Tgt Ion:136 Resp: 627491
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 9.3 6.4 9.6
68 5.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 69.805 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

Tgt Ion: 82 Resp: 928783
Ion Ratio Lower Upper
82 100
128 34.8 40.6 60.8#
54 59.5 49.6 74.4

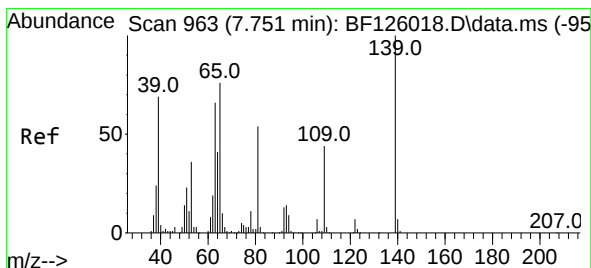
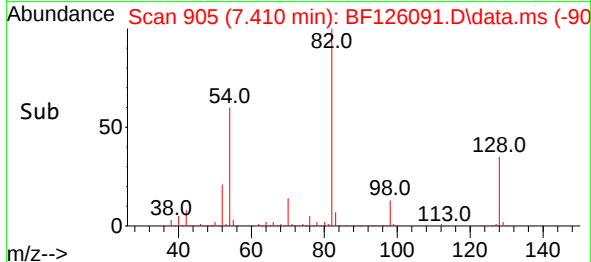
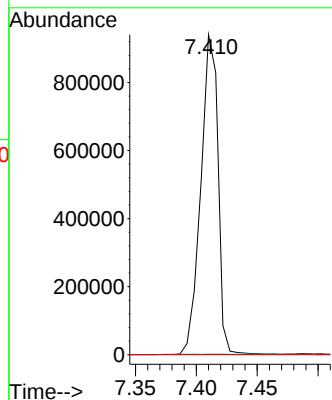
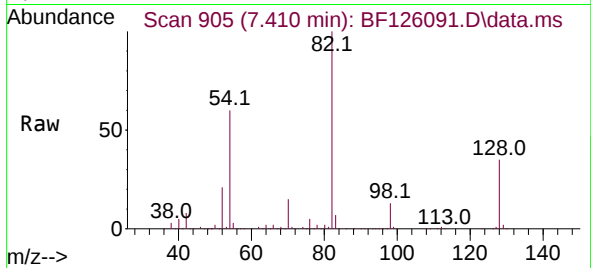




#25
Isophorone
Concen: 38.374 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

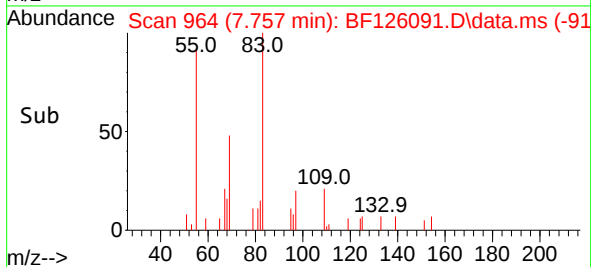
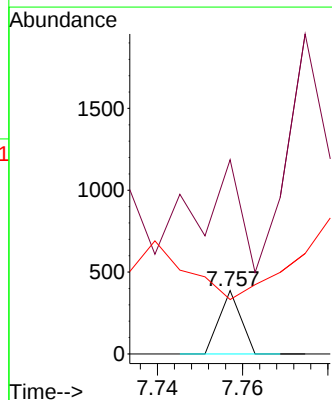
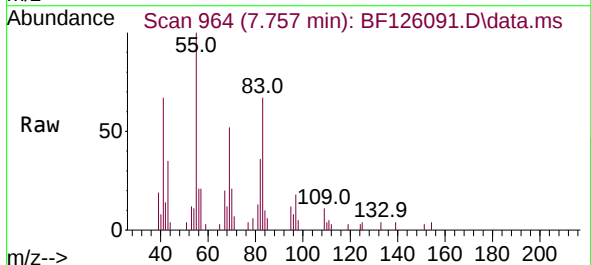
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

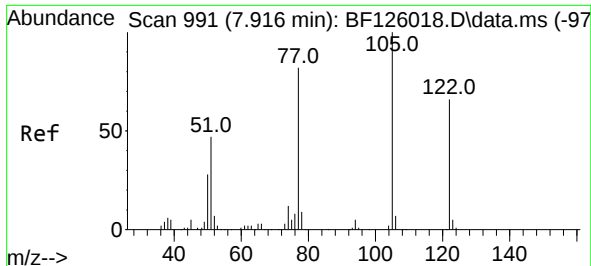
Tgt Ion: 82 Resp: 919289
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#



#26
2-Nitrophenol
Concen: 4.655 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

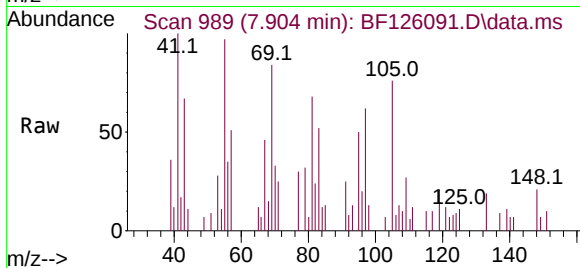
Tgt Ion:139 Resp: 137
Ion Ratio Lower Upper
139 100
109 306.7 26.0 39.0#
65 85.8 31.0 46.4#



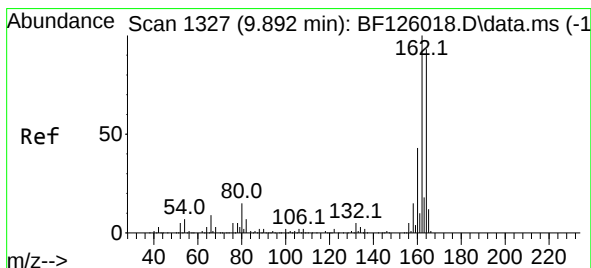
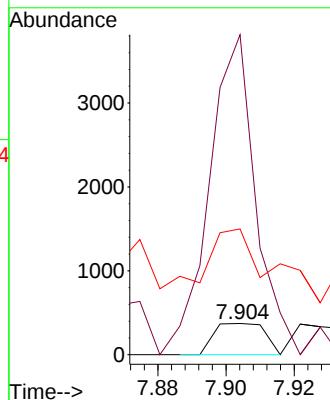
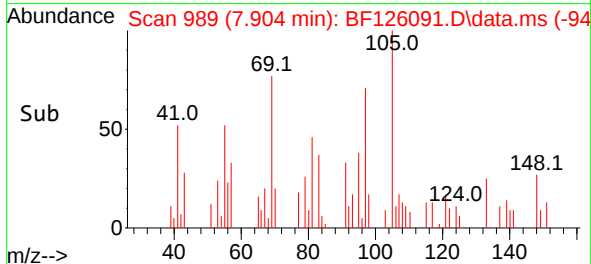


#32
Benzoic acid
Concen: 9.200 ng
RT: 7.904 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

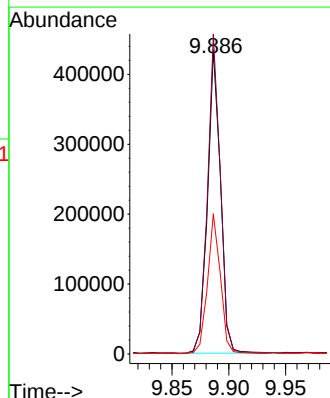
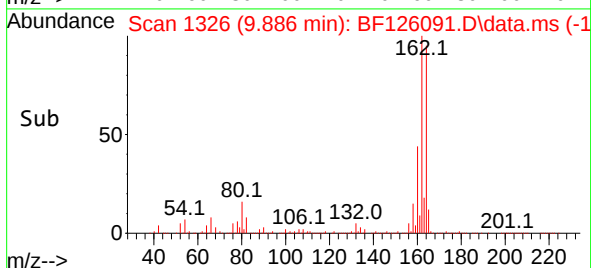
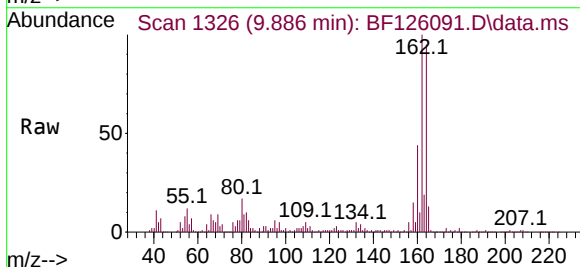


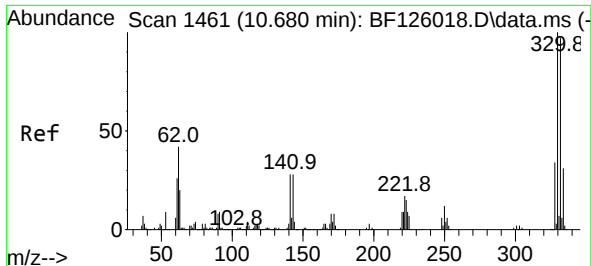
Tgt Ion:122 Resp: 388
Ion Ratio Lower Upper
122 100
105 1022.8 97.6 137.6#
77 401.9 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

Tgt Ion:164 Resp: 343079
Ion Ratio Lower Upper
164 100
162 105.2 81.3 121.9
160 46.1 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 89.541 ng

RT: 10.675 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF126091.D

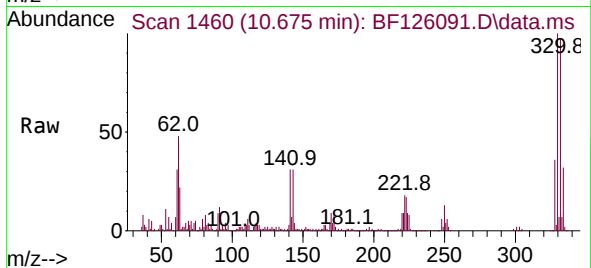
Acq: 9 Nov 2021 20:24

Instrument :

BNA_F

ClientSampleId :

VWE-B4-110421-0-10



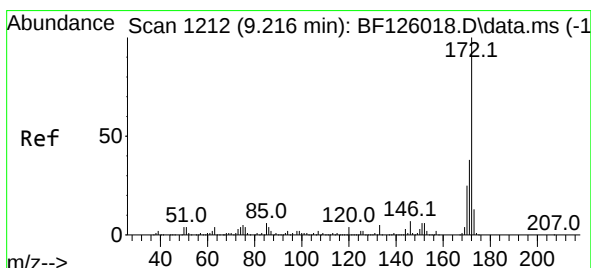
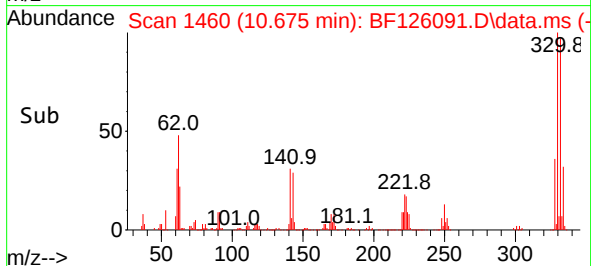
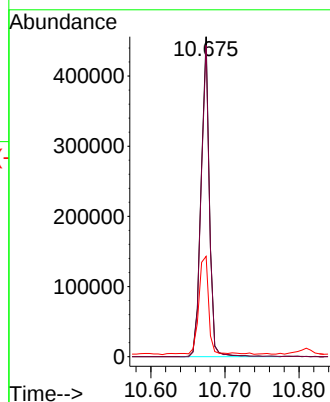
Tgt Ion:330 Resp: 352049

Ion Ratio Lower Upper

330 100

332 97.8 76.2 114.4

141 37.1 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 68.759 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF126091.D

Acq: 9 Nov 2021 20:24

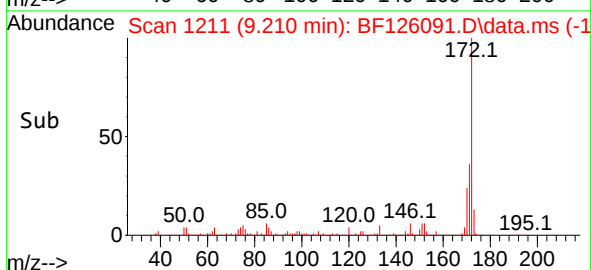
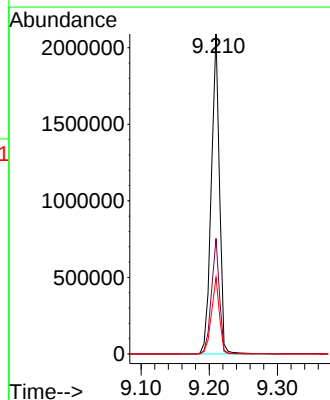
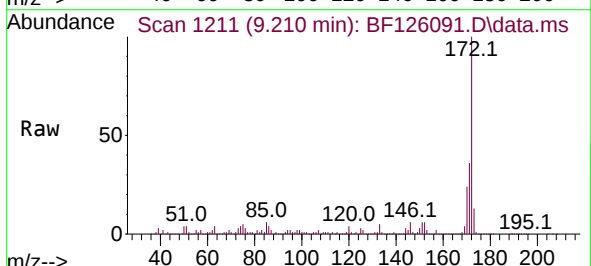
Tgt Ion:172 Resp: 1745639

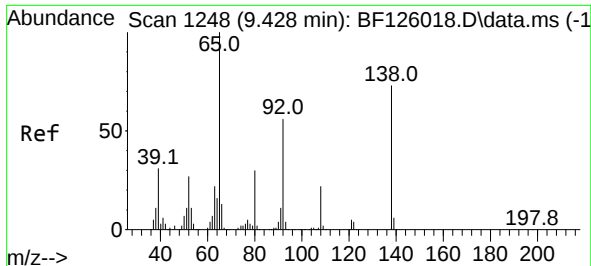
Ion Ratio Lower Upper

172 100

171 36.1 26.5 39.7

170 23.9 18.8 28.2

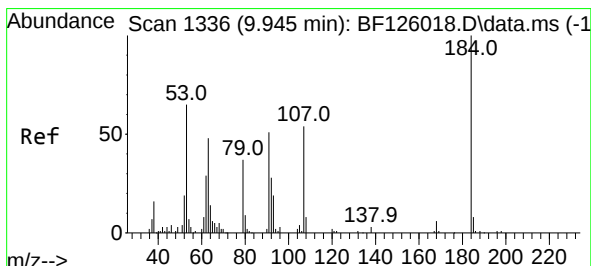
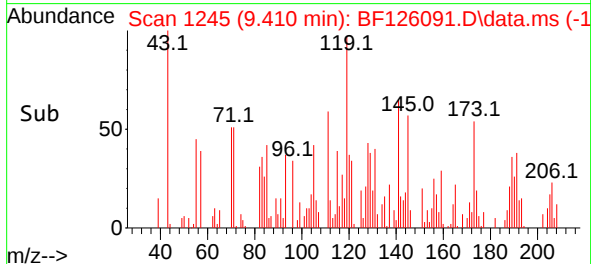
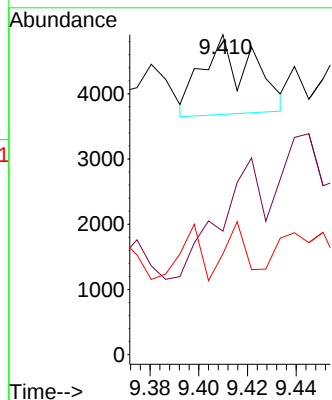
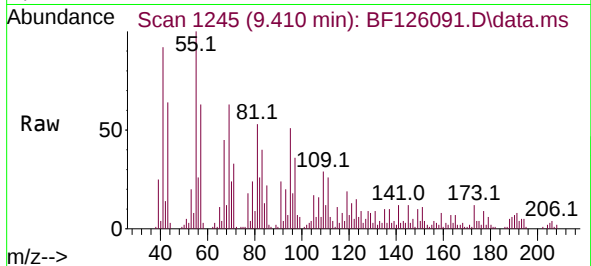




#48
2-Nitroaniline
Concen: 3.084 ng
RT: 9.410 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

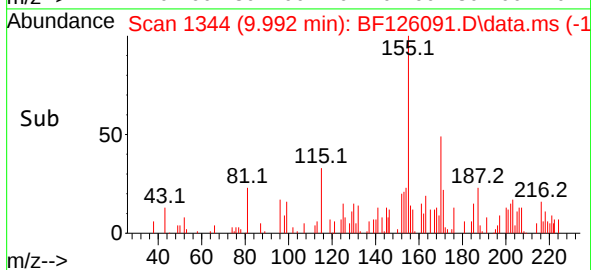
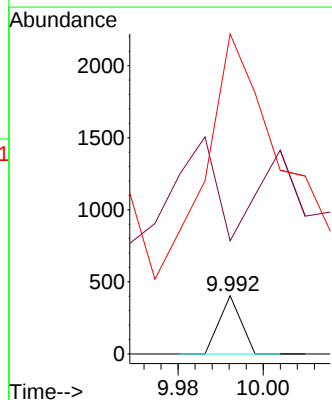
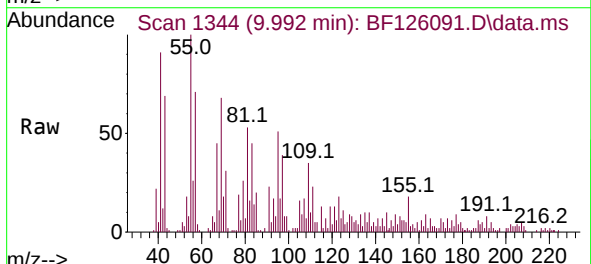
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

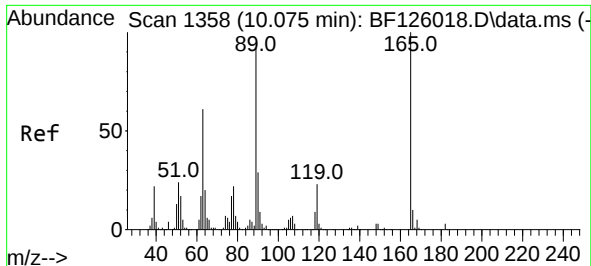
Tgt Ion: 65 Resp: 1702
Ion Ratio Lower Upper
65 100
92 38.6 55.5 83.3#
138 31.5 93.5 140.3#



#54
2,4-Dinitrophenol
Concen: 6.806 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.047 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

Tgt Ion: 184 Resp: 143
Ion Ratio Lower Upper
184 100
63 194.1 59.3 88.9#
154 549.5 68.6 102.8#

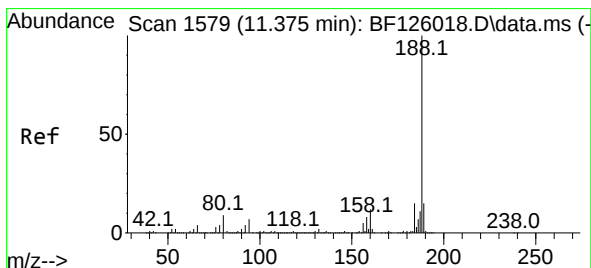
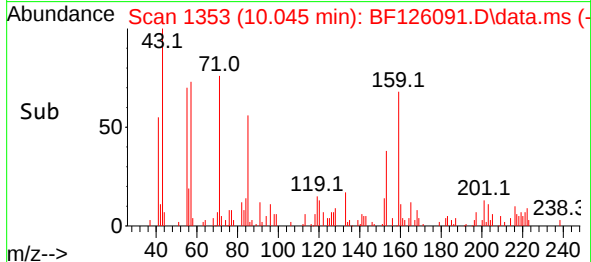
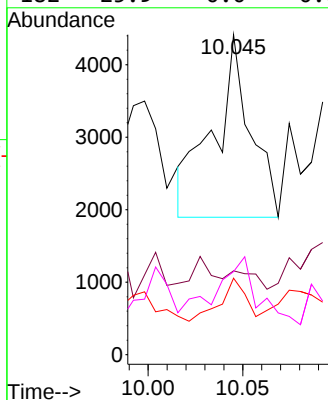
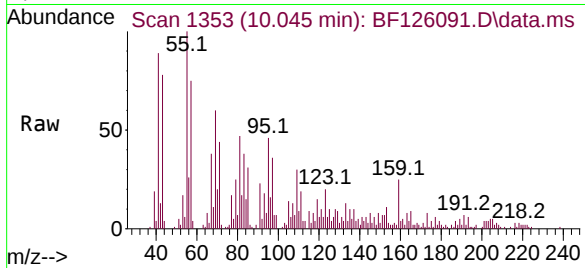




#57
2,4-Dinitrotoluene
Concen: 3.684 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.030 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

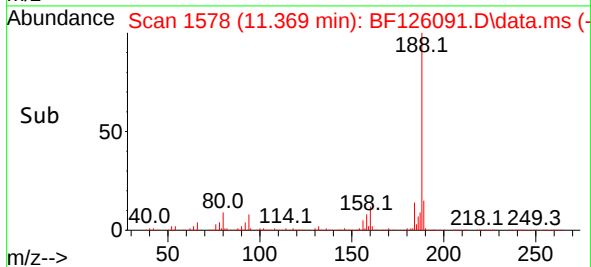
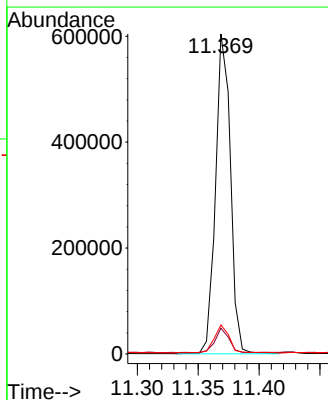
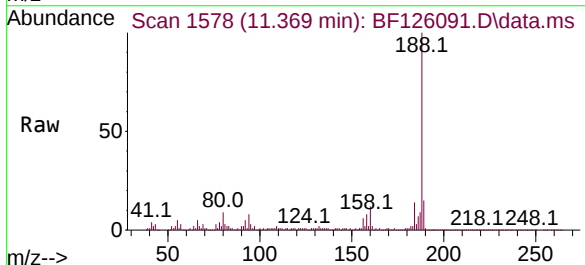
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

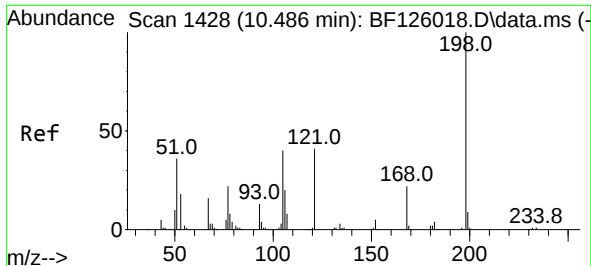
Tgt Ion:165 Resp: 3428
Ion Ratio Lower Upper
165 100
63 26.2 40.9 61.3#
89 23.9 59.7 89.5#
182 25.9 0.0 0.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

Tgt Ion:188 Resp: 514013
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.1 7.5 11.3





#65

4,6-Dinitro-2-methylphenol

Concen: 8.493 ng

RT: 10.463 min Scan# 1424

Delta R.T. -0.023 min

Lab File: BF126091.D

Acq: 9 Nov 2021 20:24

Instrument :

BNA_F

ClientSampleId :

VWE-B4-110421-0-10

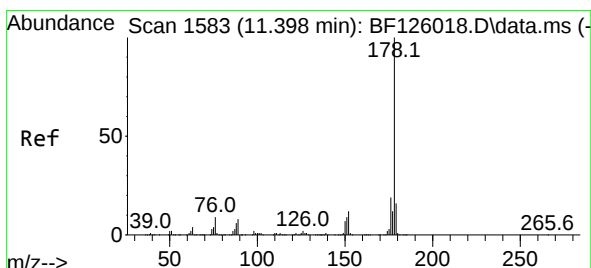
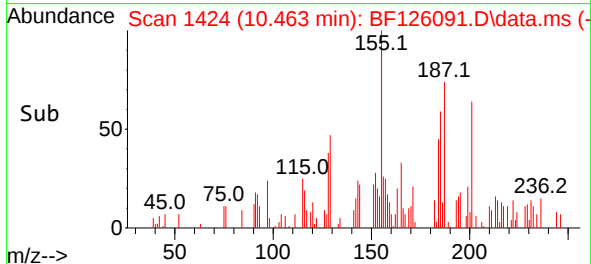
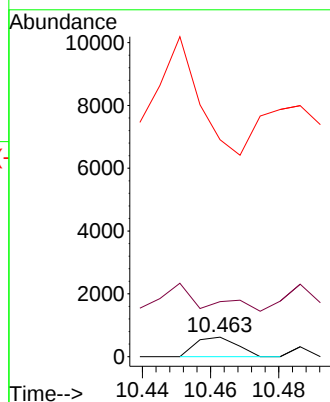
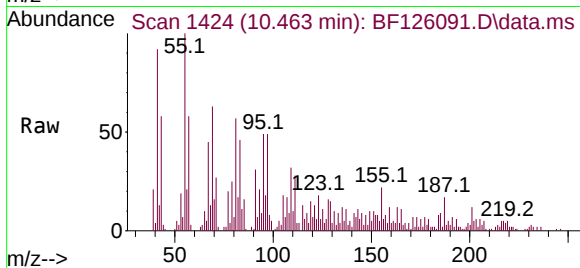
Tgt Ion:198 Resp: 528

Ion Ratio Lower Upper

198 100

51 281.4 45.3 85.3#

105 1109.0 30.6 70.6#



#71

Phenanthrene

Concen: 2.641 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF126091.D

Acq: 9 Nov 2021 20:24

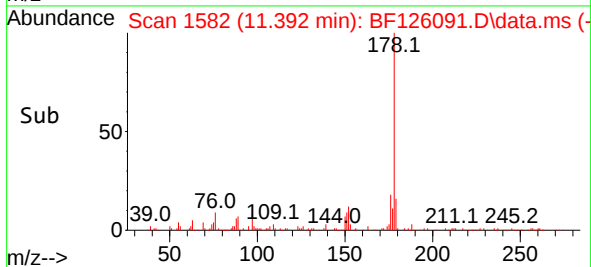
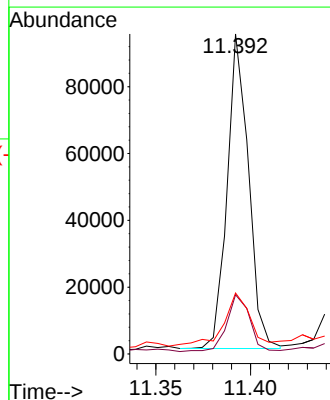
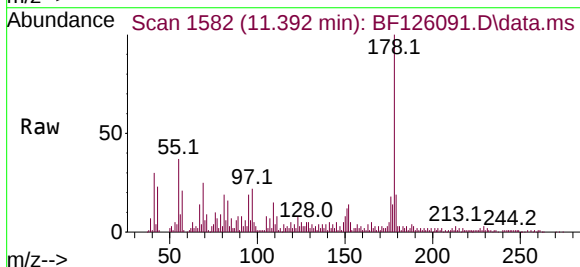
Tgt Ion:178 Resp: 73629

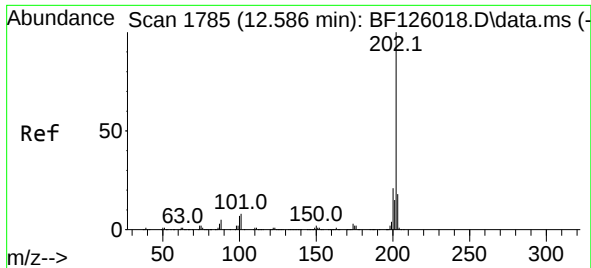
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 19.1 11.5 17.3#

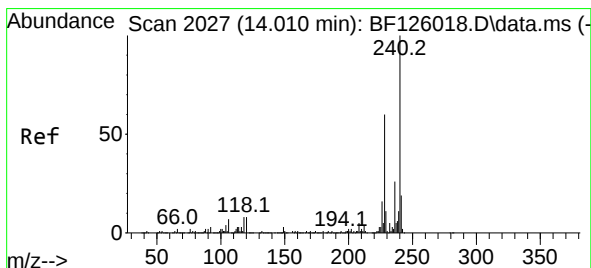
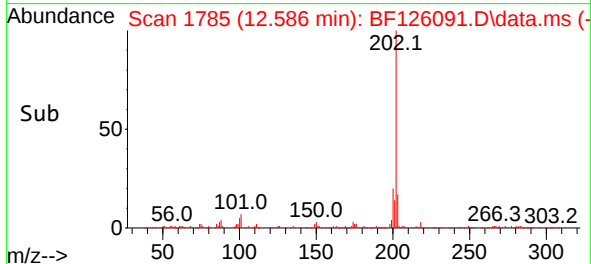
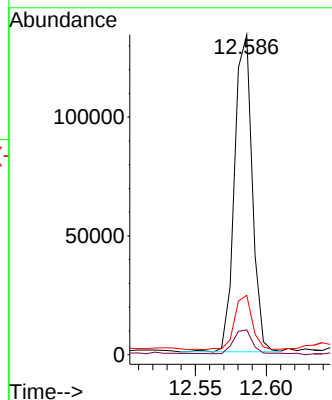
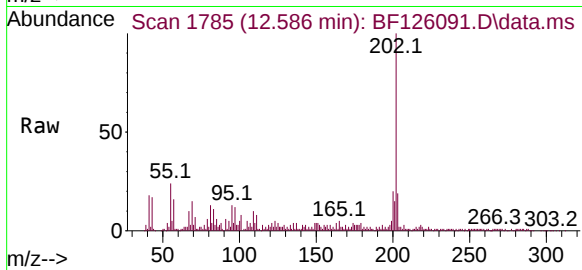




#75
Fluoranthene
Concen: 3.739 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

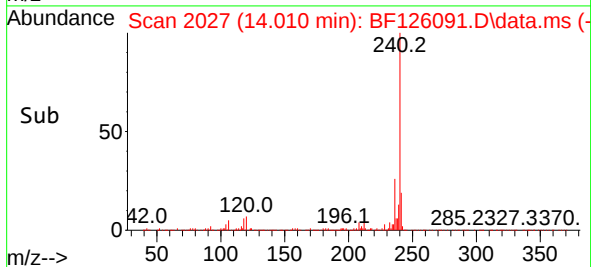
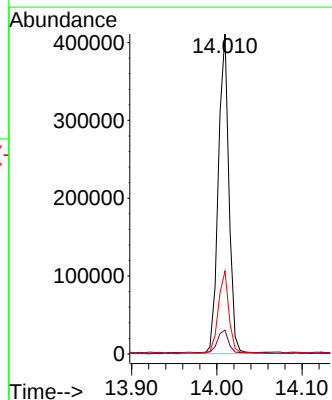
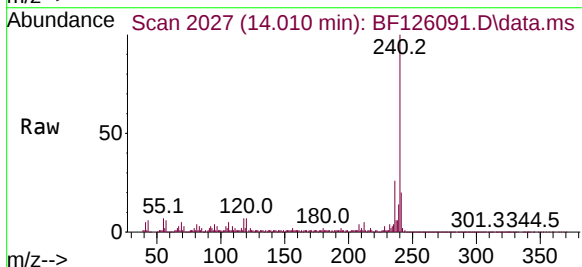
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

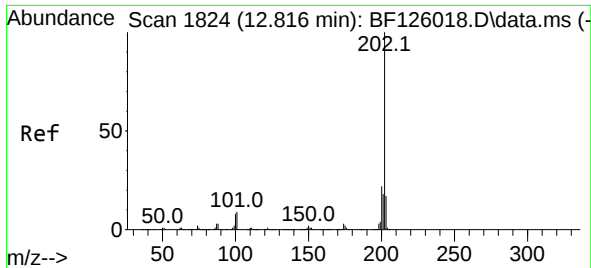
Tgt Ion:202 Resp: 116065
Ion Ratio Lower Upper
202 100
101 7.7 0.0 30.7
203 18.6 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

Tgt Ion:240 Resp: 354684
Ion Ratio Lower Upper
240 100
120 7.5 10.8 16.2#
236 25.9 21.6 32.4

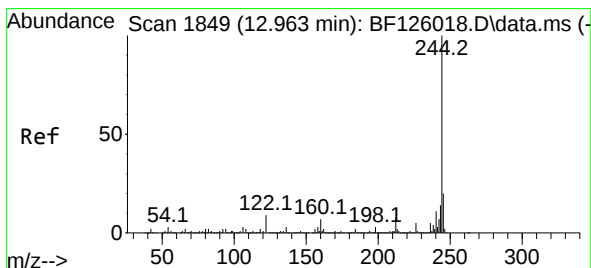
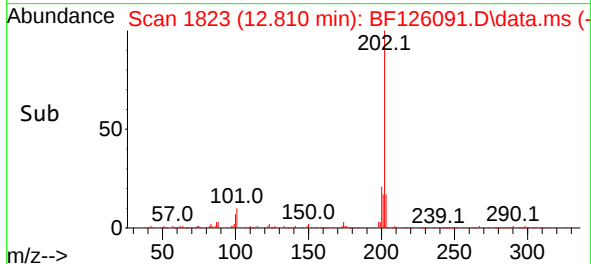
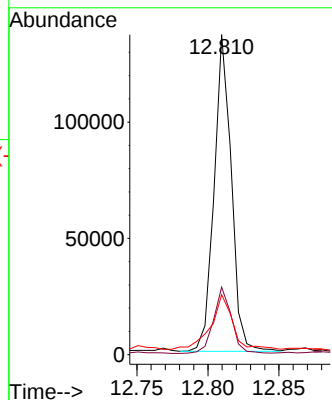
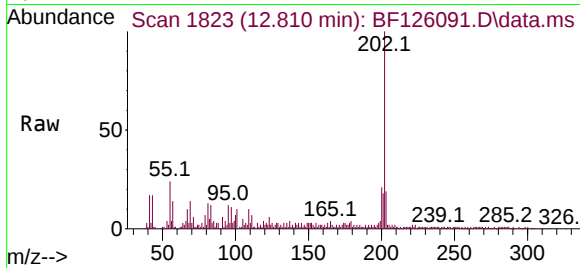




#78
Pyrene
Concen: 4.021 ng
RT: 12.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

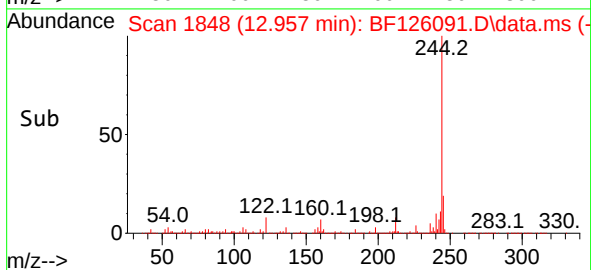
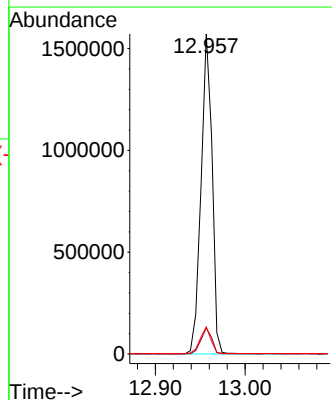
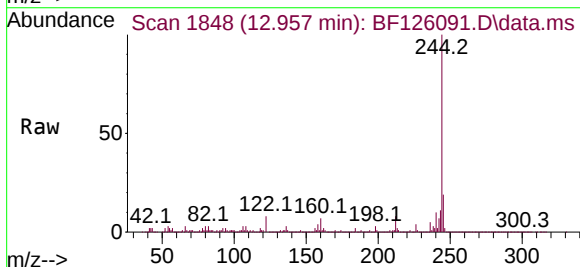
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

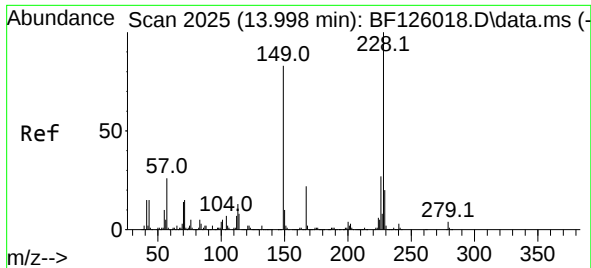
Tgt Ion:202 Resp: 114384
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 18.8 13.4 20.0



#79
Terphenyl-d14
Concen: 61.048 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

Tgt Ion:244 Resp: 1342778
Ion Ratio Lower Upper
244 100
212 8.2 5.9 8.9
122 8.5 9.0 13.4#

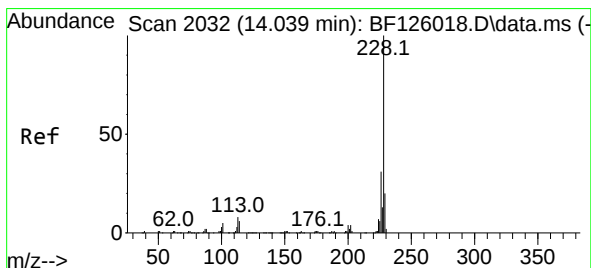
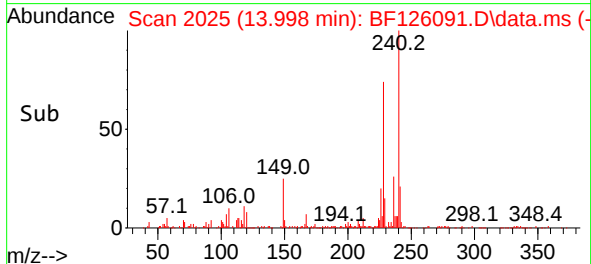
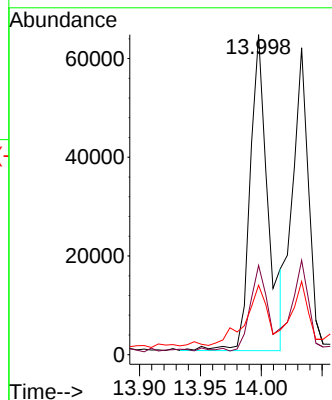
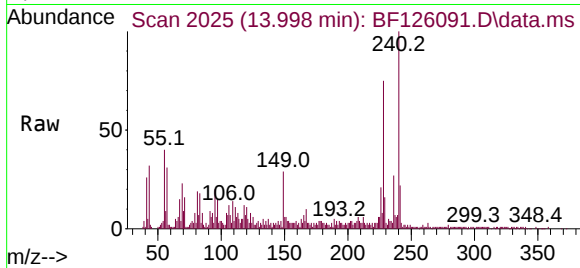




#81
Benzo(a)anthracene
Concen: 2.684 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

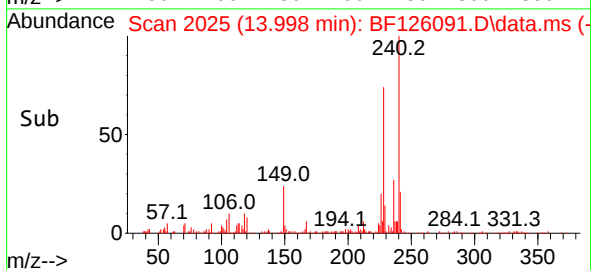
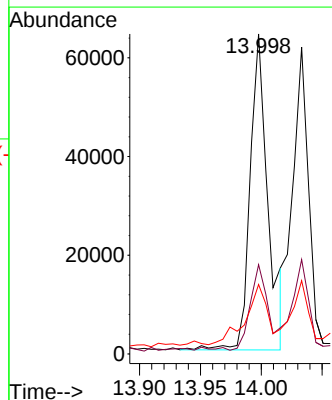
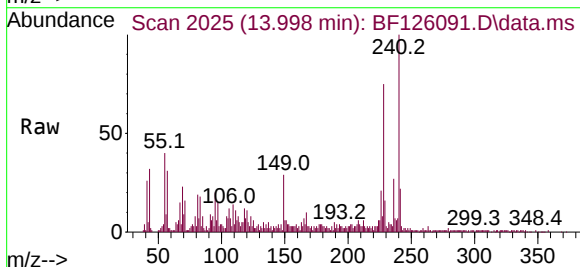
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

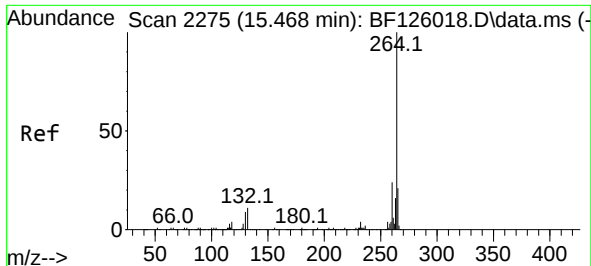
Tgt Ion:228 Resp: 65398
Ion Ratio Lower Upper
228 100
226 27.9 21.6 32.4
229 21.7 15.6 23.4



#83
Chrysene
Concen: 2.885 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.041 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

Tgt Ion:228 Resp: 65398
Ion Ratio Lower Upper
228 100
226 27.9 22.6 34.0
229 21.7 15.9 23.9

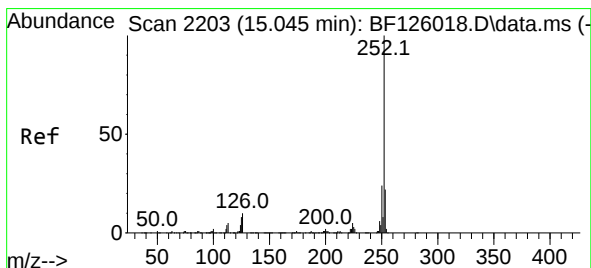
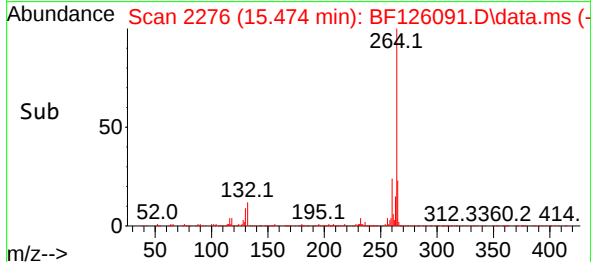
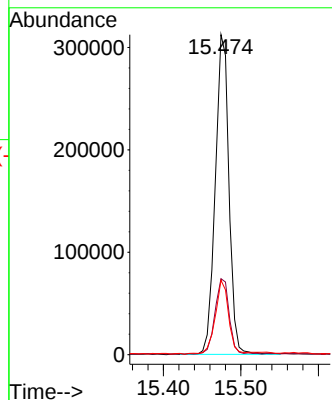
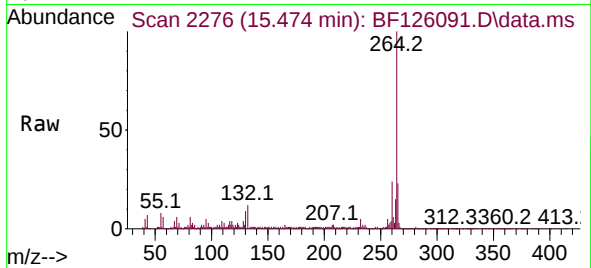




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

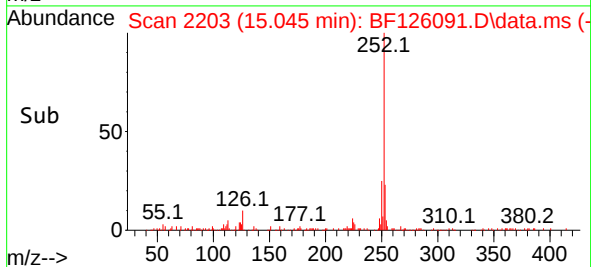
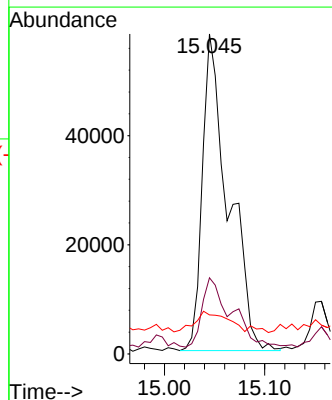
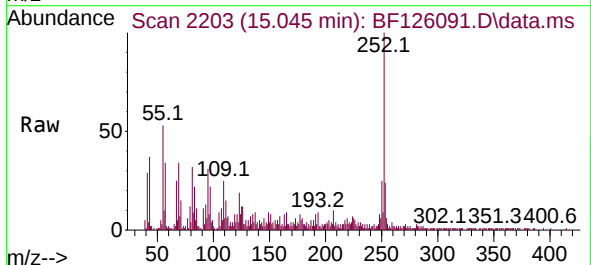
Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

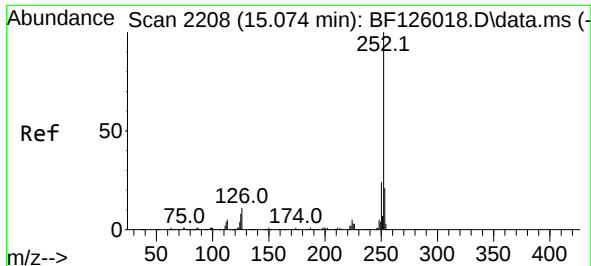
Tgt Ion:264 Resp: 384570
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 23.3 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 4.194 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

Tgt Ion:252 Resp: 104904
Ion Ratio Lower Upper
252 100
253 23.8 16.8 25.2
125 12.2 9.8 14.8

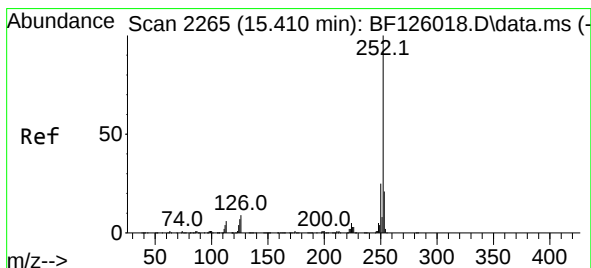
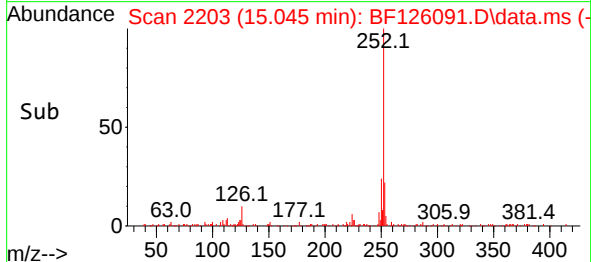
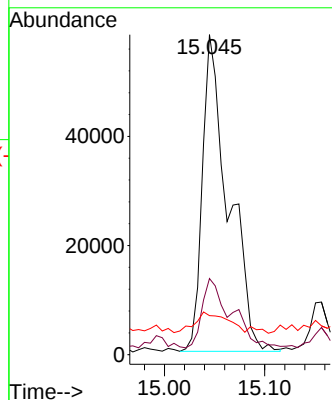
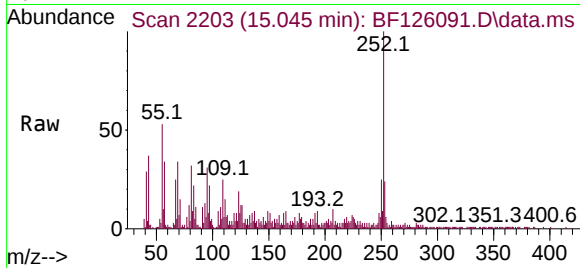




#89
Benzo(k)fluoranthene
Concen: 4.323 ng
RT: 15.045 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

Instrument :
BNA_F
ClientSampleId :
VWE-B4-110421-0-10

Tgt Ion:252 Resp: 104904
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 12.2 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 2.512 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.001 min
Lab File: BF126091.D
Acq: 9 Nov 2021 20:24

Tgt Ion:252 Resp: 49498
Ion Ratio Lower Upper
252 100
253 26.3 18.4 27.6
125 16.8 9.9 14.9#

