

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126048.D
 Acq On : 4 Nov 2021 16:28
 Operator : JU/CG
 Sample : M4772-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2-JS

Quant Time: Nov 08 09:48:19 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

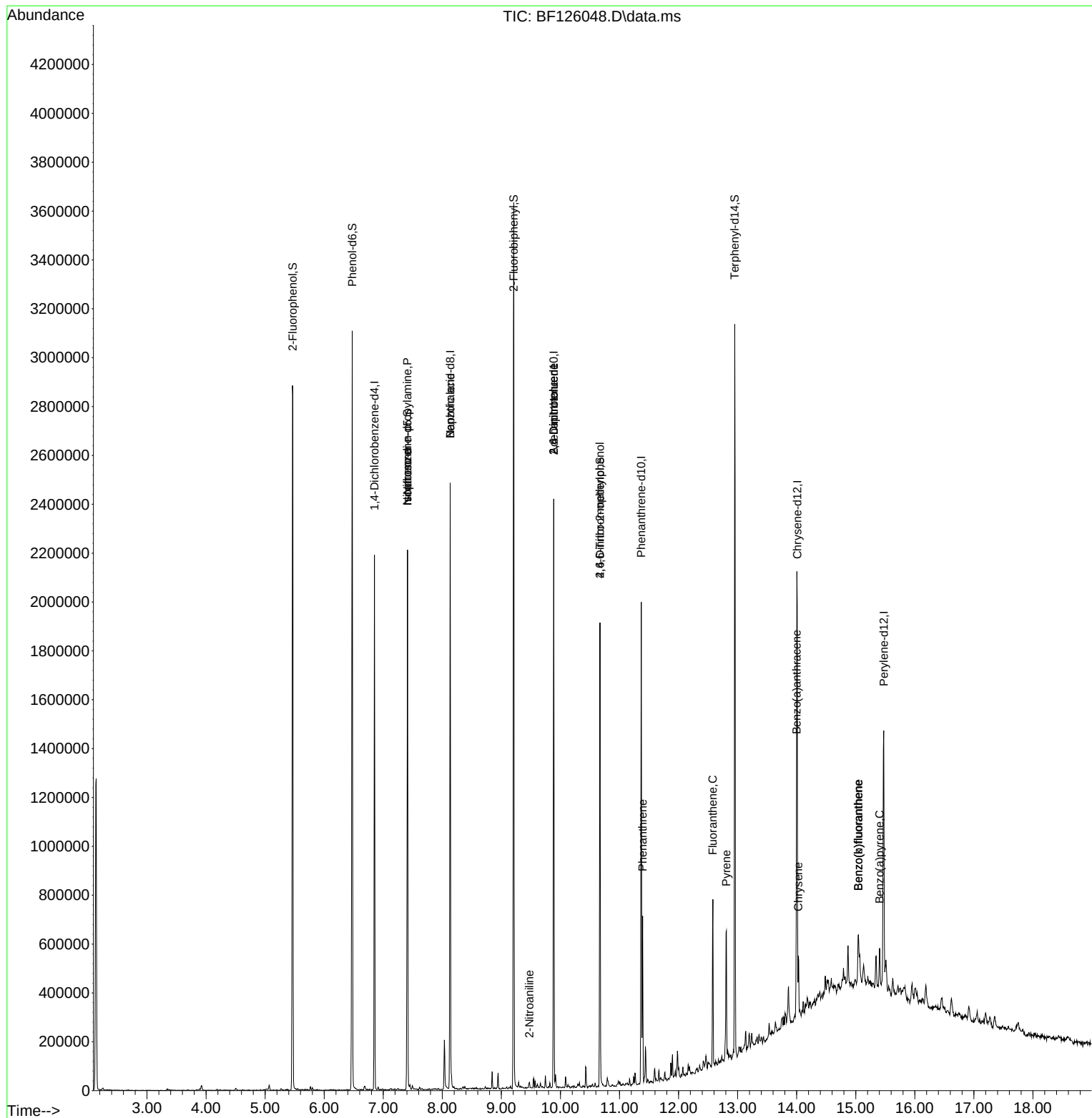
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	257622	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	868994	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	422801	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	625182	20.000	ng	0.00
76) Chrysene-d12	14.009	240	613664	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	498832	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	672520	44.829	ng	0.00
7) Phenol-d6	6.475	99	823017	38.918	ng	-0.01
23) Nitrobenzene-d5	7.410	82	615705	33.414	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	180728	37.300	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1041483	33.288	ng	0.00
79) Terphenyl-d14	12.951	244	906491	23.820	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.398	77	121	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propyla...	7.410	70	87040	6.243	ng	# 63
25) Isophorone	7.410	82	610745	18.409	ng	# 59
32) Benzoic acid	8.133	122	137	9.157	ng	# 1
48) 2-Nitroaniline	9.475	65	127	2.863	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	53117	10.067	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	53117	9.693	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.669	198	438	8.437	ng	# 1
71) Phenanthrene	11.392	178	209585	6.182	ng	96
75) Fluoranthene	12.580	202	254627	6.744	ng	95
78) Pyrene	12.810	202	226219	4.597	ng	96
81) Benzo(a)anthracene	13.998	228	113253	2.686	ng	95
83) Chrysene	14.027	228	100311	2.557	ng	93
88) Benzo(b)fluoranthene	15.045	252	149974	4.622	ng	# 92
89) Benzo(k)fluoranthene	15.045	252	149974	4.765	ng	97
90) Benzo(a)pyrene	15.404	252	78177	3.058	ng	96

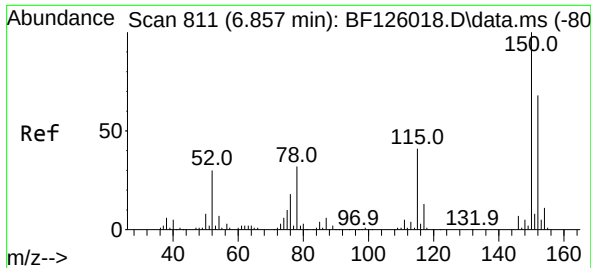
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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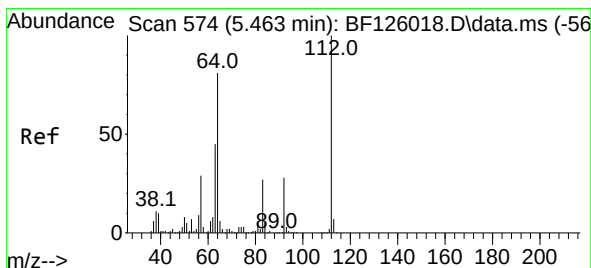
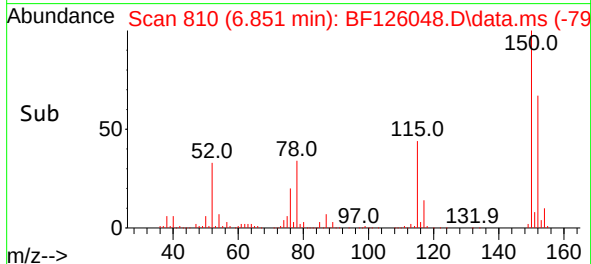
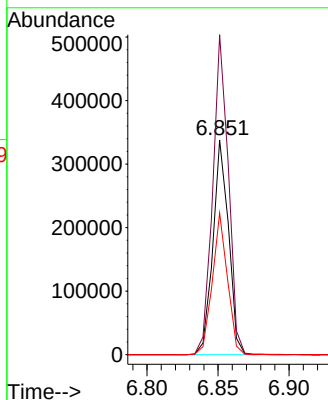
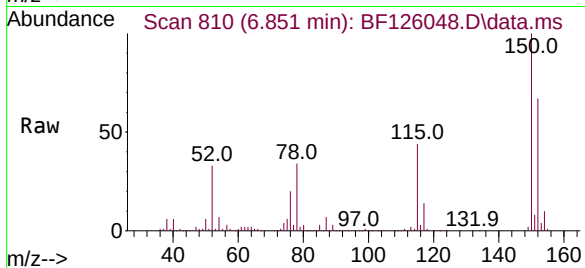




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

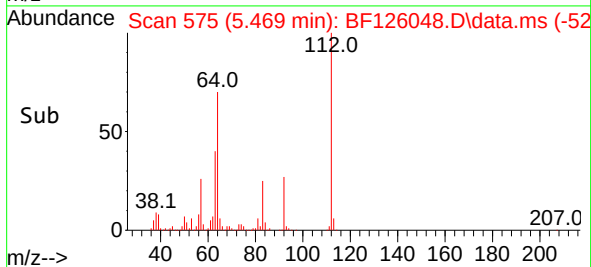
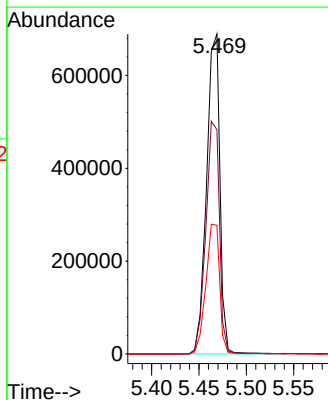
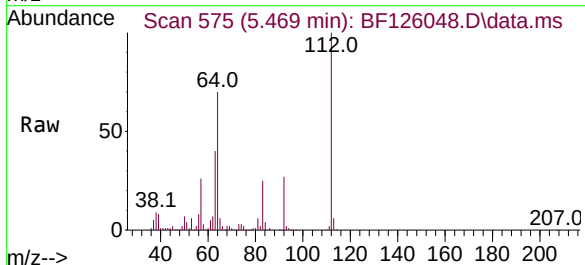
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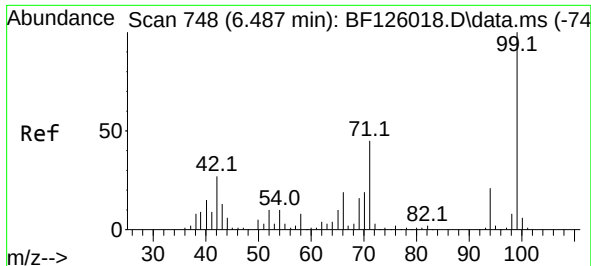
Tgt Ion:152 Resp: 257622
Ion Ratio Lower Upper
152 100
150 149.1 117.6 176.4
115 66.1 47.1 70.7



#5
2-Fluorophenol
Concen: 44.829 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

Tgt Ion:112 Resp: 672520
Ion Ratio Lower Upper
112 100
64 70.1 44.2 66.2#
63 40.2 26.2 39.2#

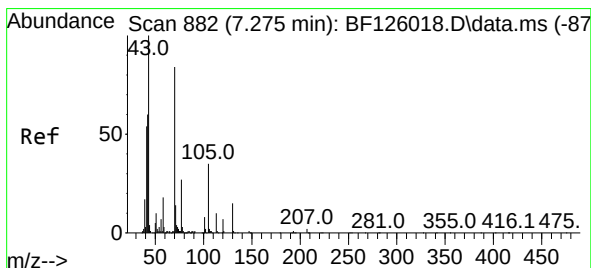
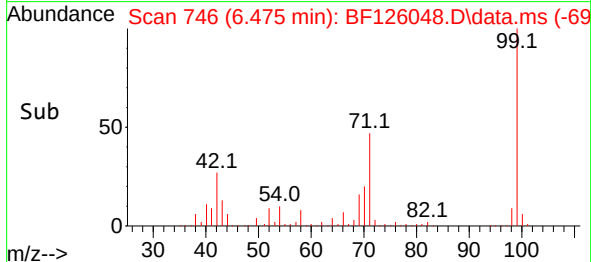
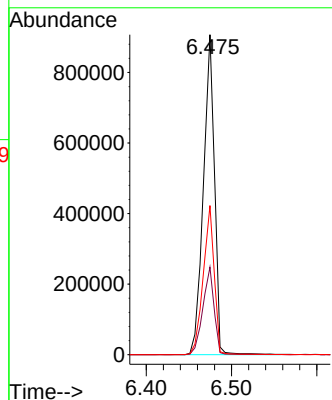
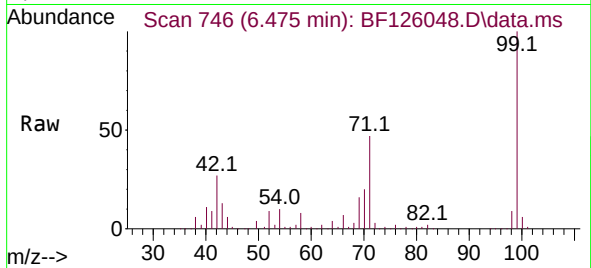




#7
Phenol-d6
Concen: 38.918 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

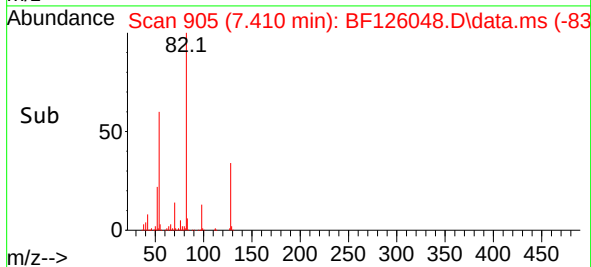
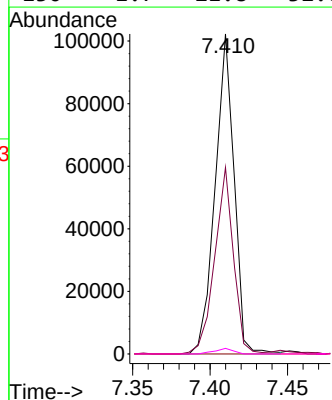
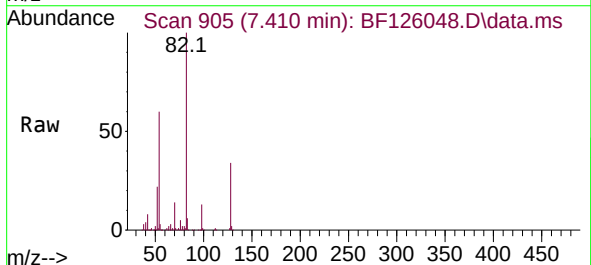
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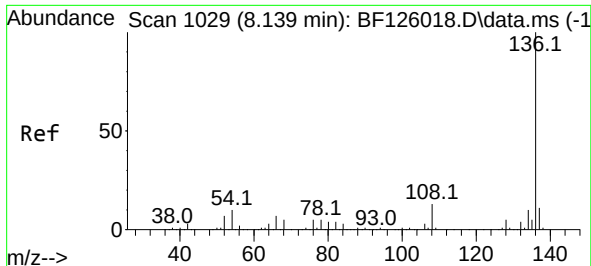
Tgt Ion: 99 Resp: 823017
Ion Ratio Lower Upper
99 100
42 27.3 23.5 35.3
71 46.6 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 6.243 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

Tgt Ion: 70 Resp: 87040
Ion Ratio Lower Upper
70 100
42 58.3 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

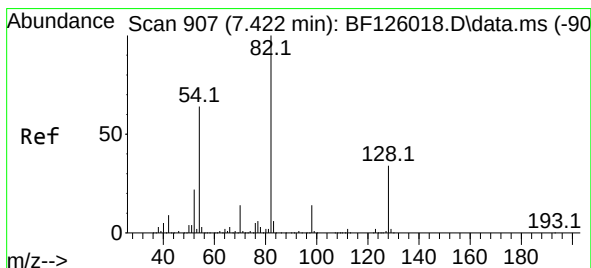
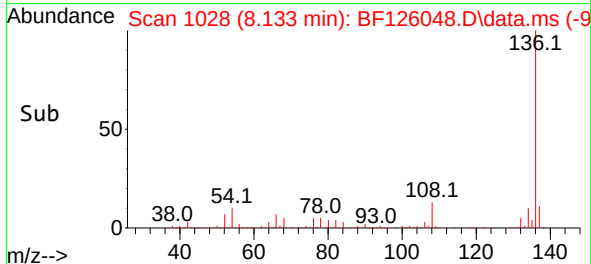
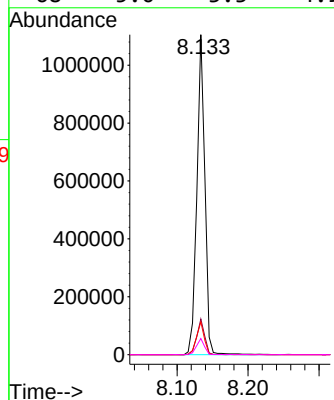
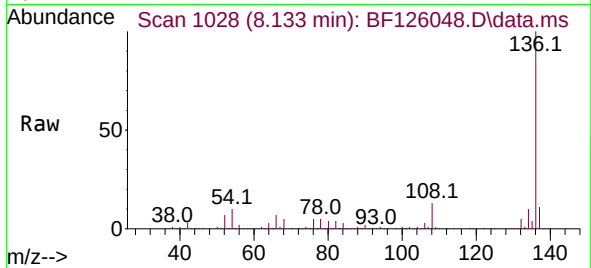




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

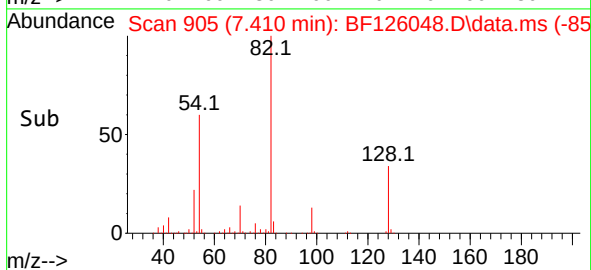
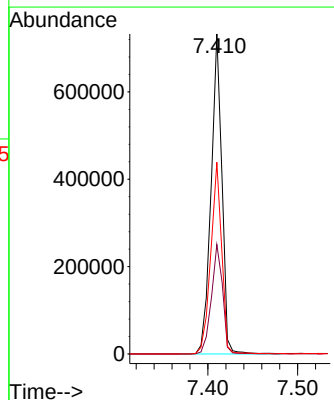
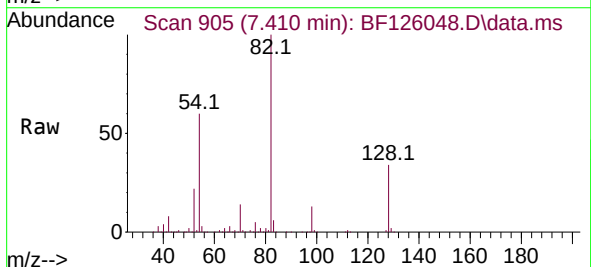
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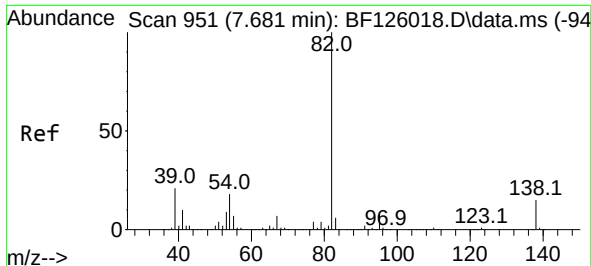
Tgt Ion:136 Resp: 868994
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 10.2 6.4 9.6#
68 5.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 33.414 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

Tgt Ion: 82 Resp: 615705
Ion Ratio Lower Upper
82 100
128 34.2 40.6 60.8#
54 59.9 49.6 74.4

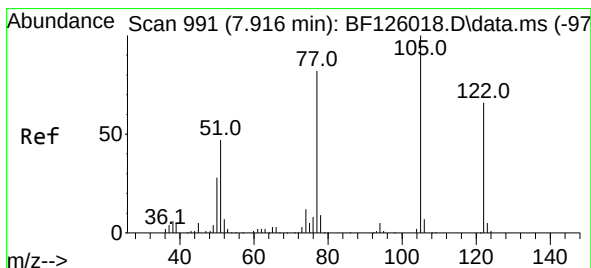
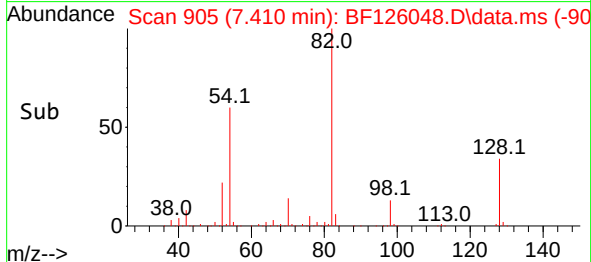
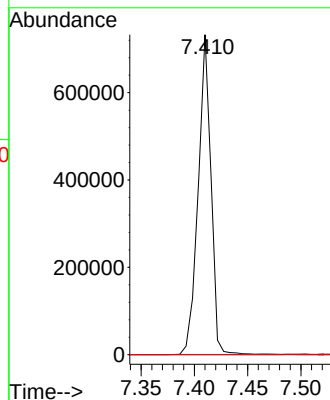
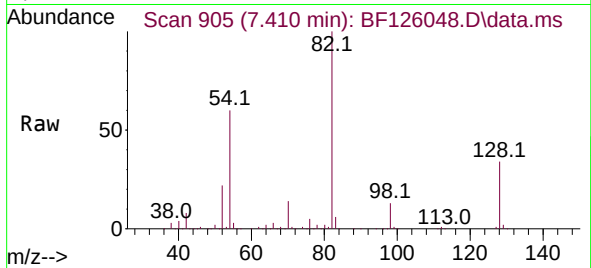




#25
Isophorone
Concen: 18.409 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

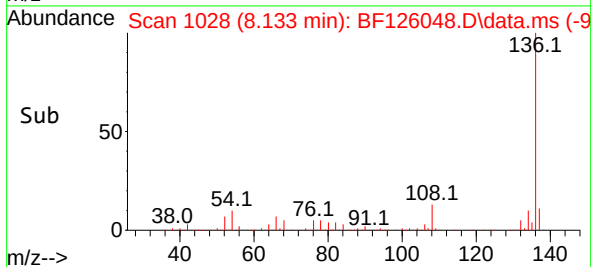
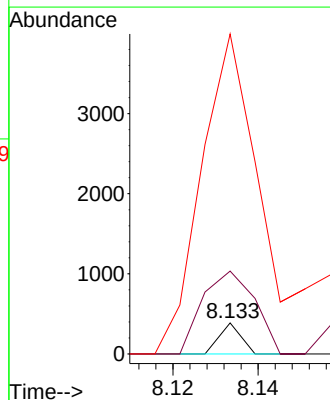
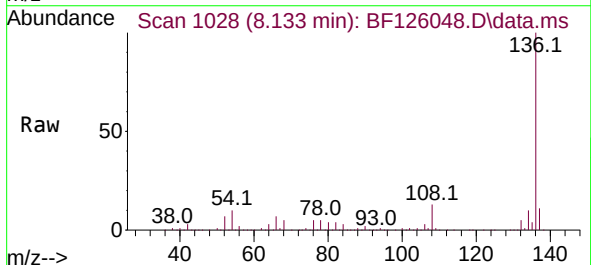
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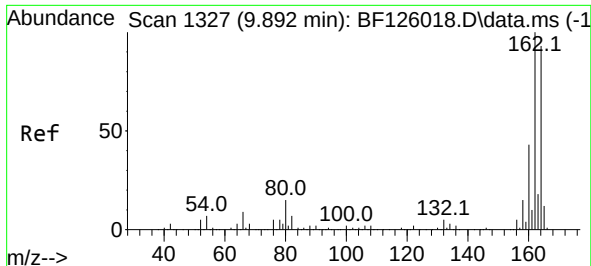
Tgt Ion: 82 Resp: 610745
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.157 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.217 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

Tgt Ion: 122 Resp: 137
Ion Ratio Lower Upper
122 100
105 266.8 97.6 137.6#
77 1029.4 59.6 99.6#

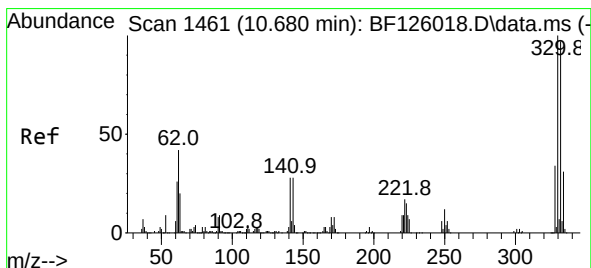
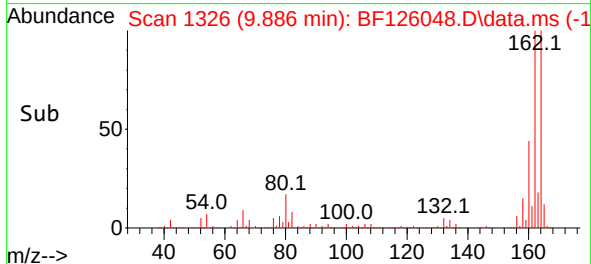
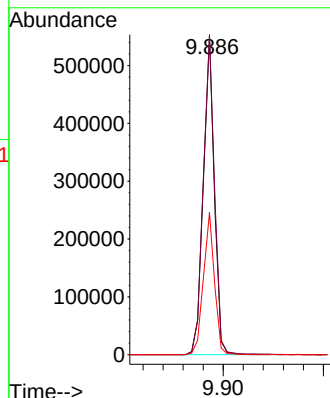
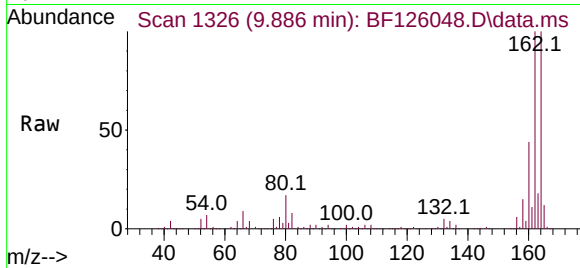




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

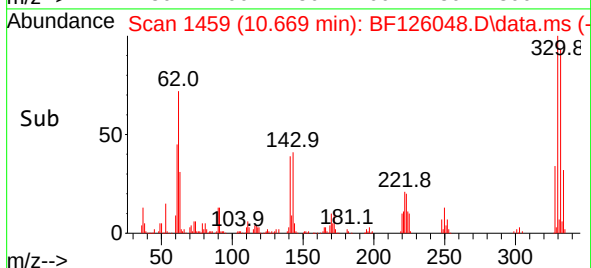
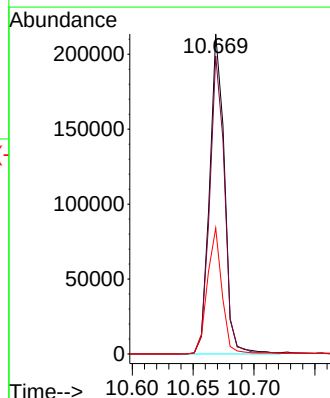
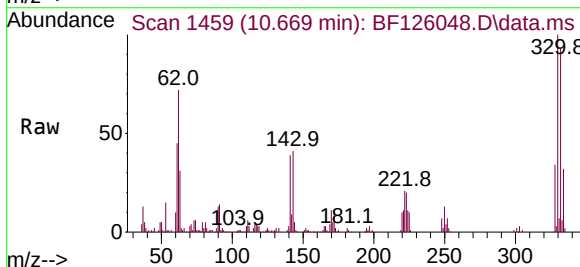
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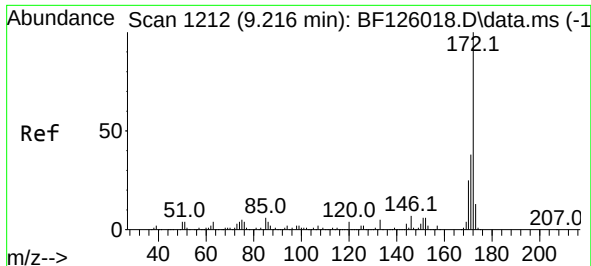
Tgt Ion:164 Resp: 422801
Ion Ratio Lower Upper
164 100
162 100.3 81.3 121.9
160 44.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 37.300 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

Tgt Ion:330 Resp: 180728
Ion Ratio Lower Upper
330 100
332 94.4 76.2 114.4
141 39.1 44.6 66.8#

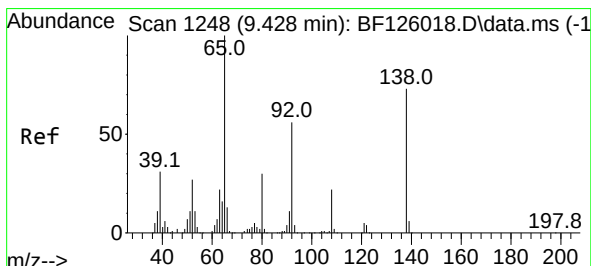
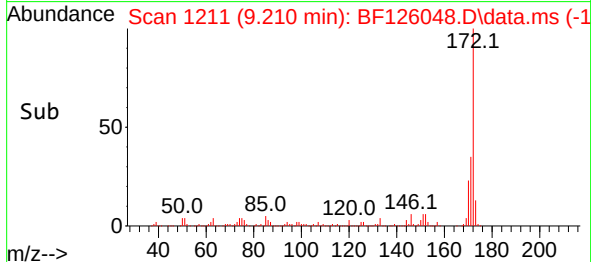
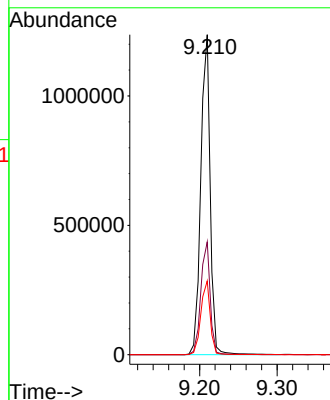
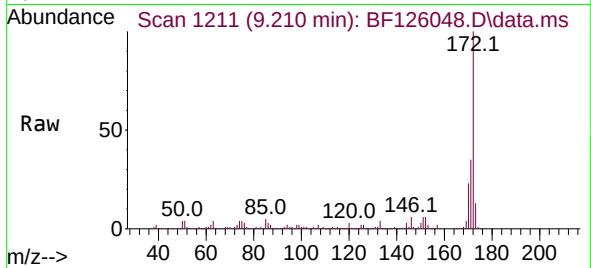




#45
2-Fluorobiphenyl
Concen: 33.288 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

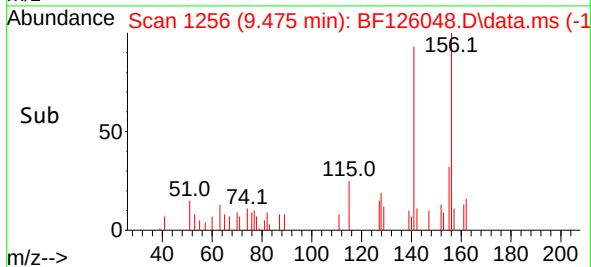
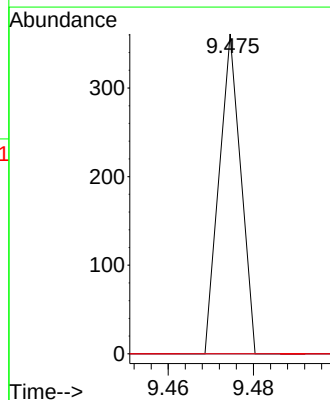
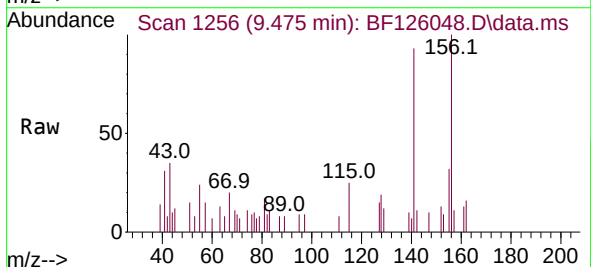
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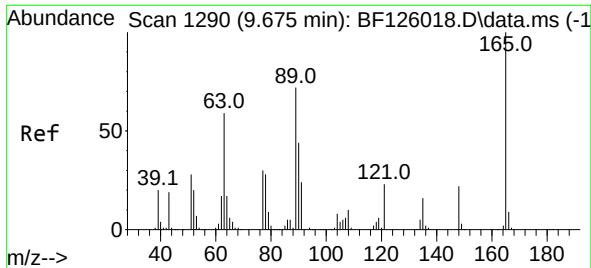
Tgt Ion:172 Resp: 1041483
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 23.0 18.8 28.2



#48
2-Nitroaniline
Concen: 2.863 ng
RT: 9.475 min Scan# 1256
Delta R.T. 0.046 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

Tgt Ion: 65 Resp: 127
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

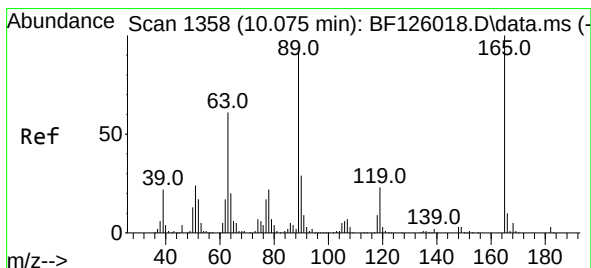
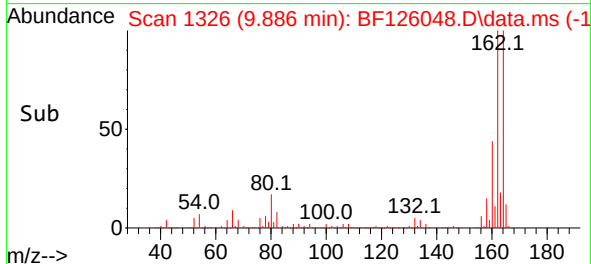
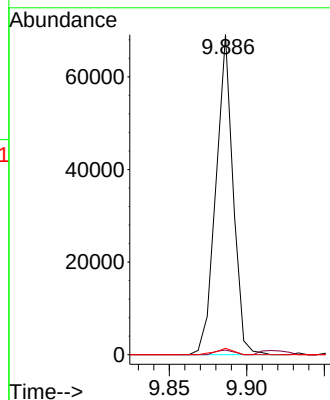
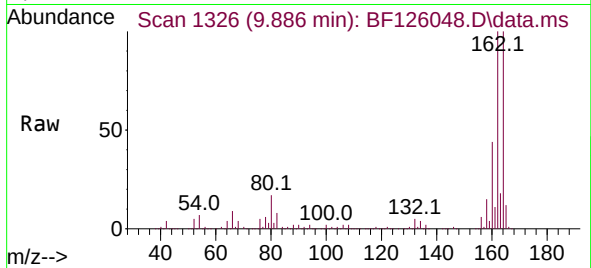




#51
2,6-Dinitrotoluene
Concen: 10.067 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

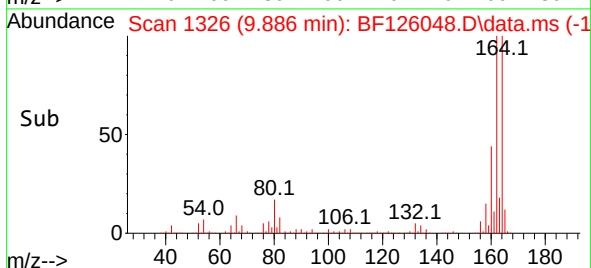
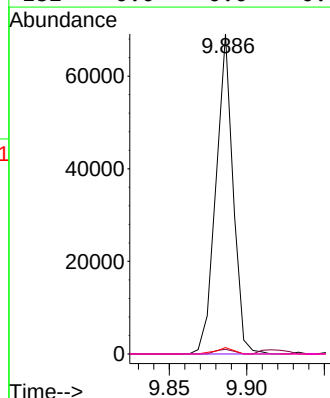
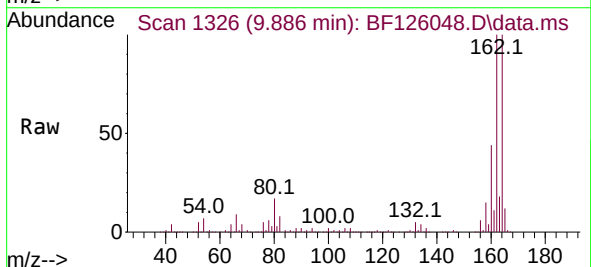
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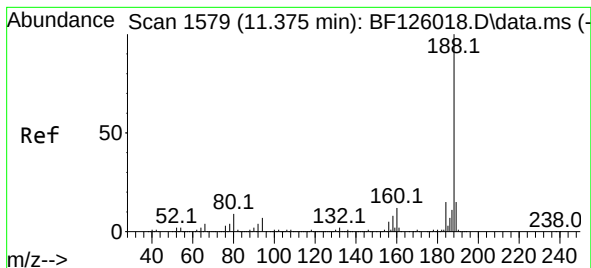
Tgt Ion:165 Resp: 53117
Ion Ratio Lower Upper
165 100
63 1.5 42.6 63.8#
89 2.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 9.693 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.189 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

Tgt Ion:165 Resp: 53117
Ion Ratio Lower Upper
165 100
63 1.5 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: 11.368 min Scan# 1

Delta R.T. -0.007 min

Lab File: BF126048.D

Acq: 4 Nov 2021 16:28

Instrument :

BNA_F

ClientSampleId :

WC-2-JS

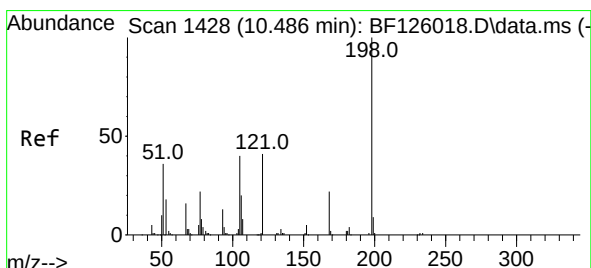
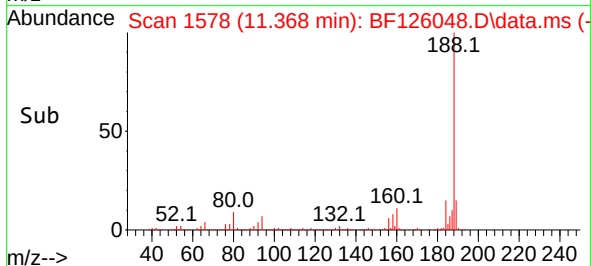
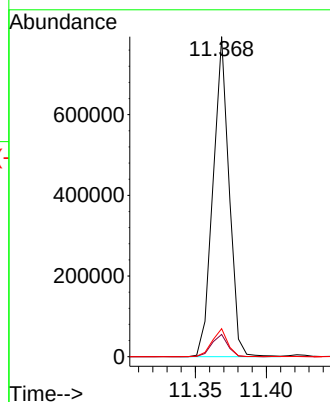
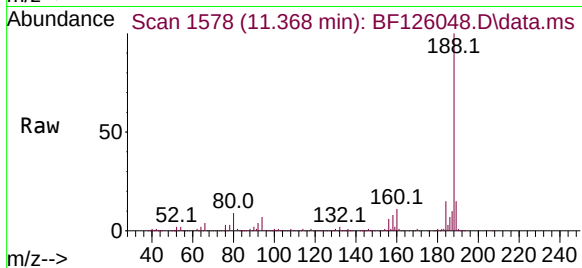
Tgt Ion:188 Resp: 625182

Ion Ratio Lower Upper

188 100

94 7.0 6.7 10.1

80 8.7 7.5 11.3



#65

4,6-Dinitro-2-methylphenol

Concen: 8.437 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.183 min

Lab File: BF126048.D

Acq: 4 Nov 2021 16:28

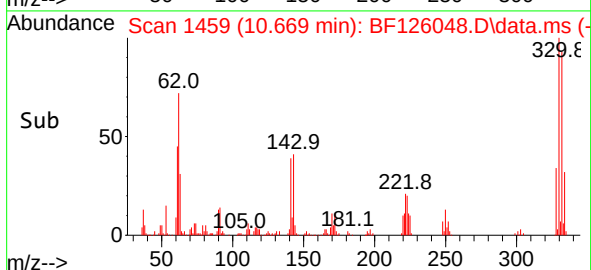
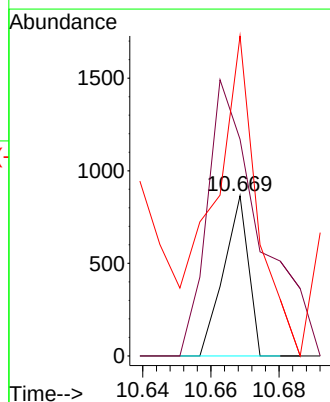
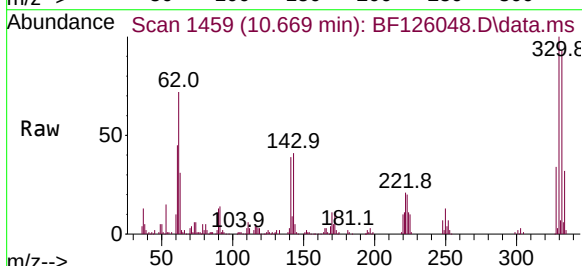
Tgt Ion:198 Resp: 438

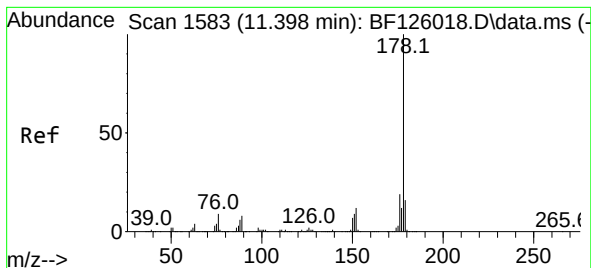
Ion Ratio Lower Upper

198 100

51 135.3 45.3 85.3#

105 199.8 30.6 70.6#





#71

Phenanthrene

Concen: 6.182 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126048.D

Acq: 4 Nov 2021 16:28

Instrument :

BNA_F

ClientSampleId :

WC-2-JS

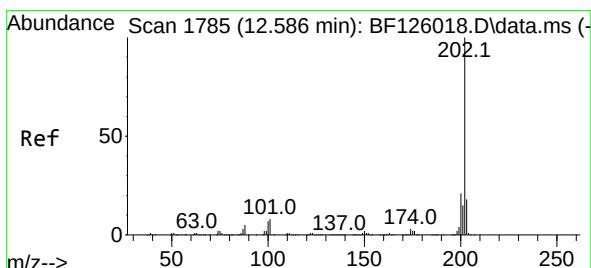
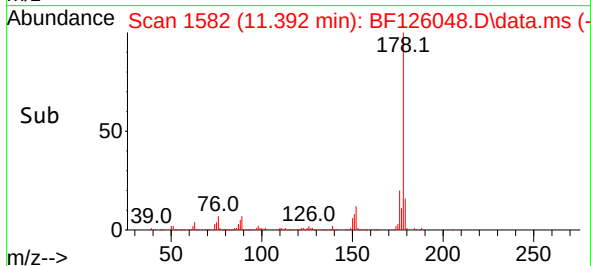
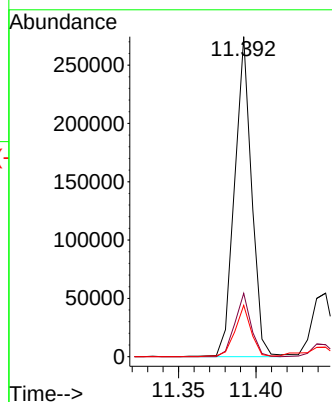
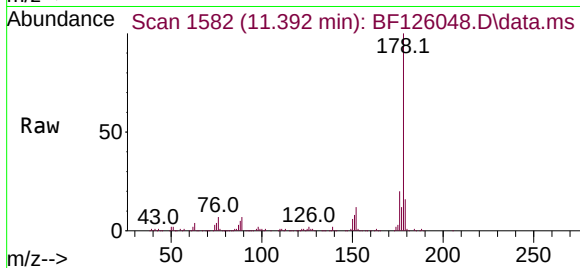
Tgt Ion:178 Resp: 209585

Ion Ratio Lower Upper

178 100

176 19.8 14.7 22.1

179 16.1 11.5 17.3



#75

Fluoranthene

Concen: 6.744 ng

RT: 12.580 min Scan# 1784

Delta R.T. -0.006 min

Lab File: BF126048.D

Acq: 4 Nov 2021 16:28

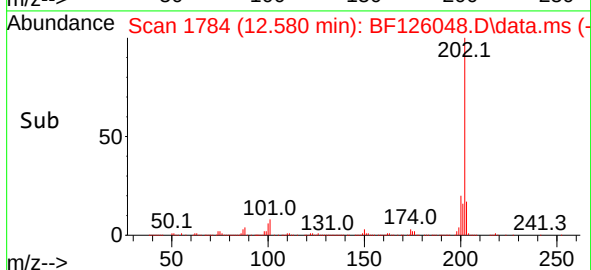
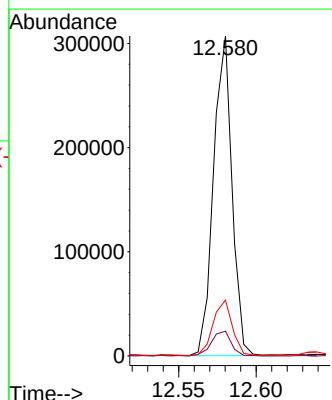
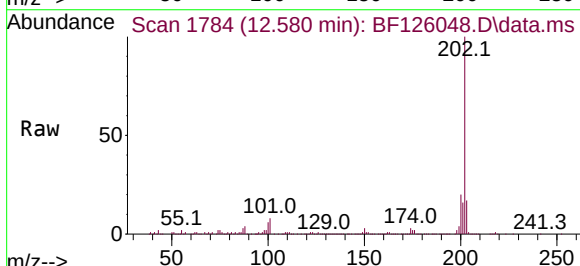
Tgt Ion:202 Resp: 254627

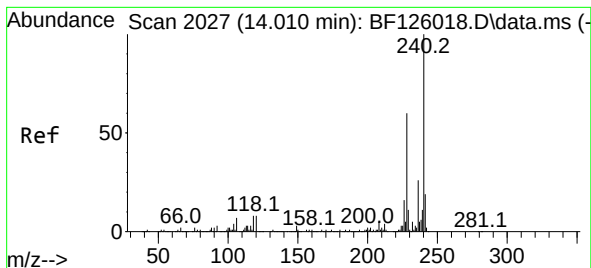
Ion Ratio Lower Upper

202 100

101 7.8 0.0 30.7

203 17.5 0.0 36.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.009 min Scan# 20

Delta R.T. -0.001 min

Lab File: BF126048.D

Acq: 4 Nov 2021 16:28

Instrument :

BNA_F

ClientSampleId :

WC-2-JS

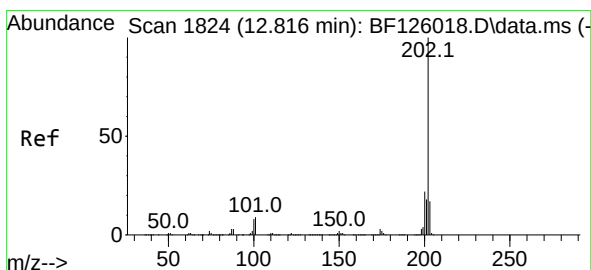
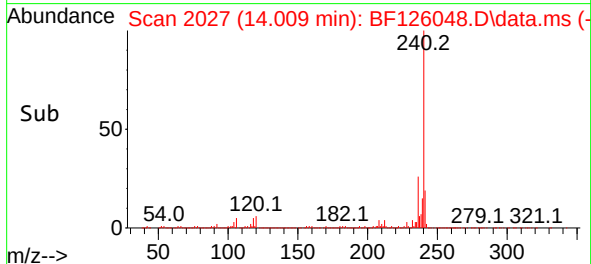
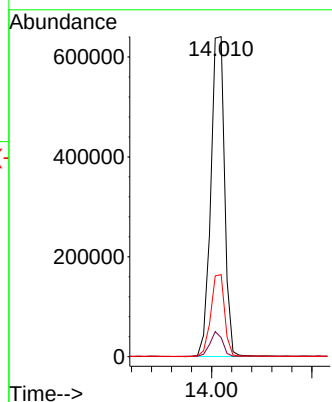
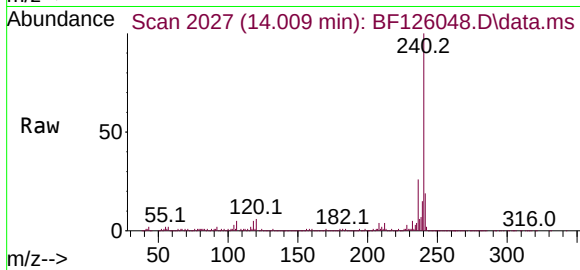
Tgt Ion:240 Resp: 613664

Ion Ratio Lower Upper

240 100

120 5.9 10.8 16.2#

236 25.6 21.6 32.4



#78

Pyrene

Concen: 4.597 ng

RT: 12.810 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BF126048.D

Acq: 4 Nov 2021 16:28

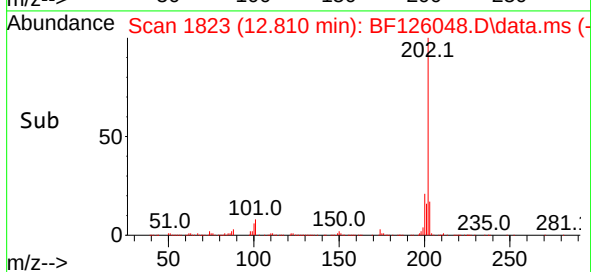
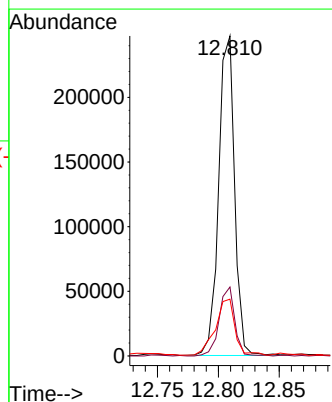
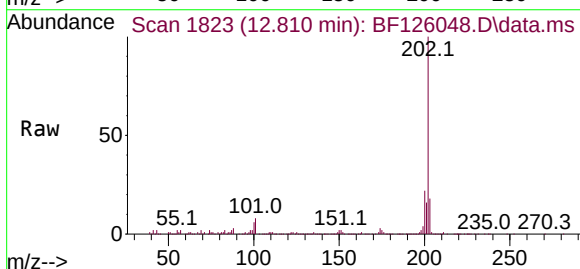
Tgt Ion:202 Resp: 226219

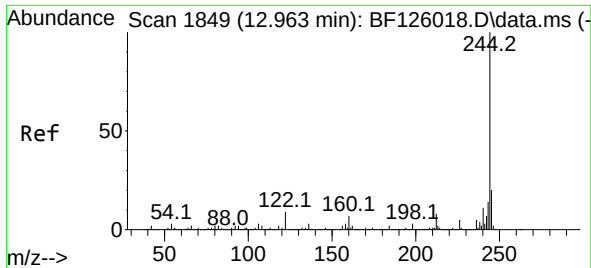
Ion Ratio Lower Upper

202 100

200 21.6 15.3 22.9

203 17.7 13.4 20.0

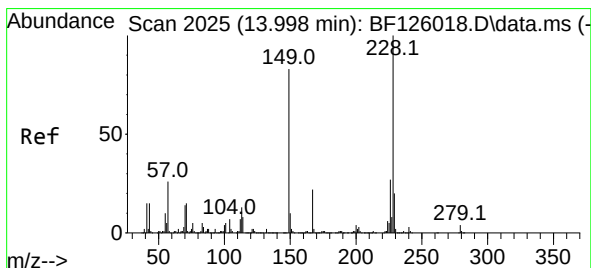
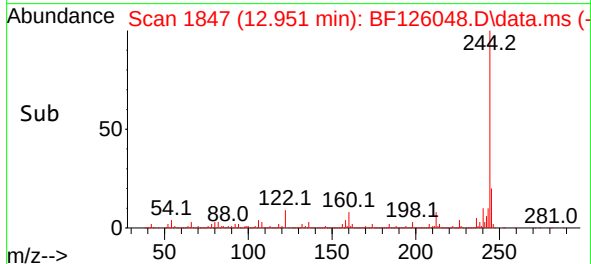
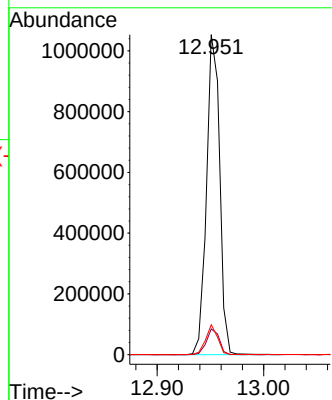
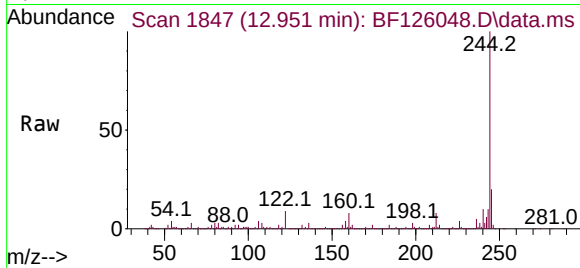




#79
 Terphenyl-d14
 Concen: 23.820 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF126048.D
 Acq: 4 Nov 2021 16:28

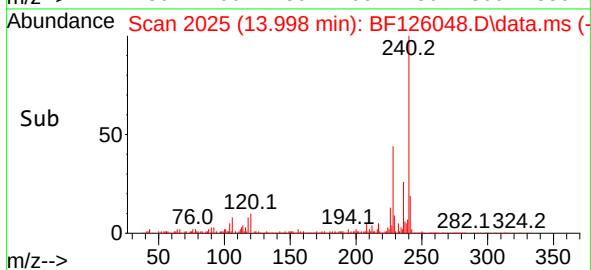
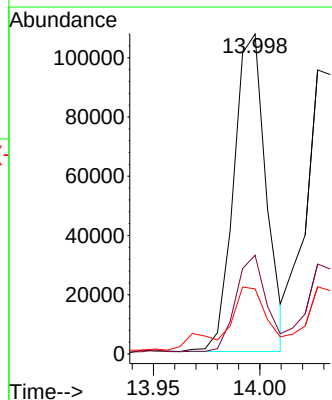
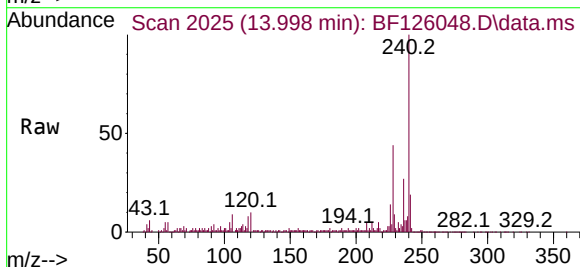
Instrument :
 BNA_F
 ClientSampleId :
 WC-2-JS

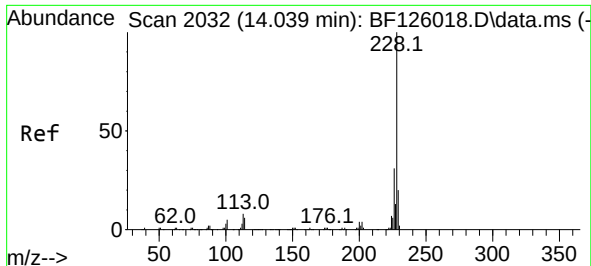
Tgt Ion:244 Resp: 906491
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.9 8.9
 122 9.4 9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 2.686 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. -0.000 min
 Lab File: BF126048.D
 Acq: 4 Nov 2021 16:28

Tgt Ion:228 Resp: 113253
 Ion Ratio Lower Upper
 228 100
 226 30.9 21.6 32.4
 229 20.3 15.6 23.4

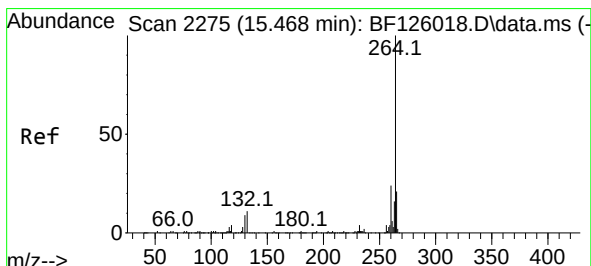
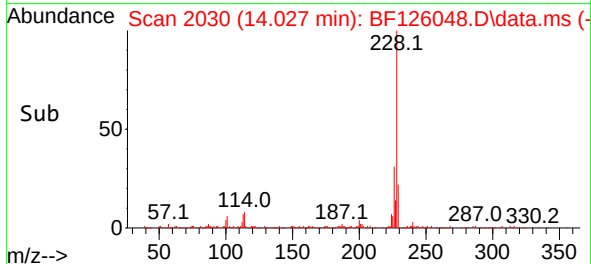
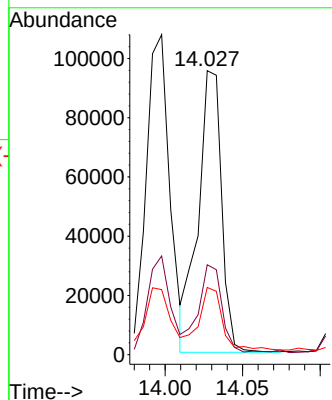
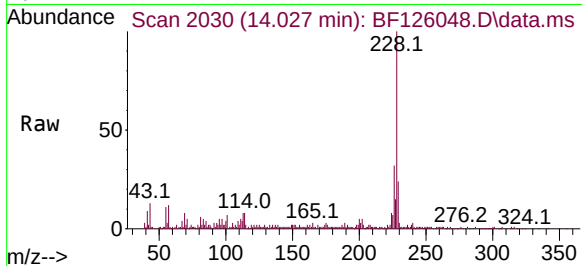




#83
Chrysene
Concen: 2.557 ng
RT: 14.027 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

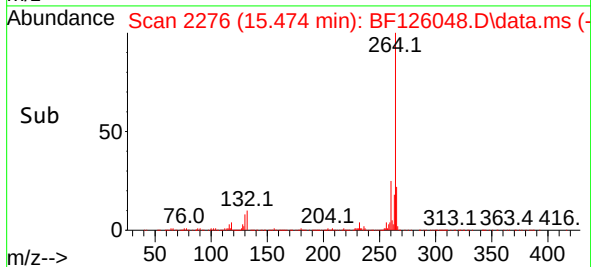
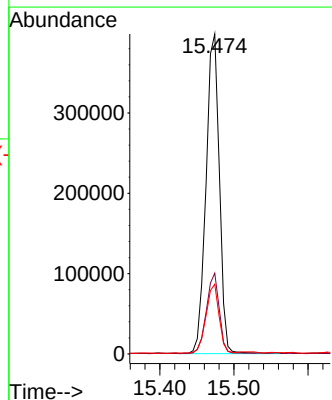
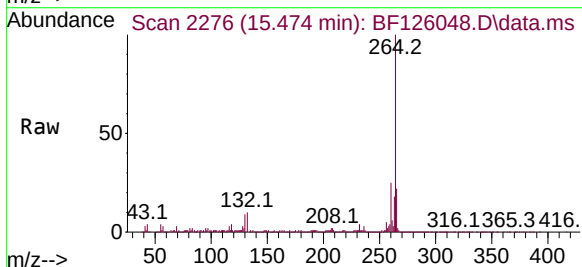
Instrument :
BNA_F
ClientSampleId :
WC-2-JS

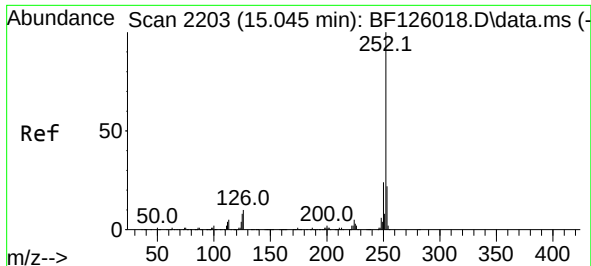
Tgt Ion:228 Resp: 100311
Ion Ratio Lower Upper
228 100
226 31.6 22.6 34.0
229 23.7 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

Tgt Ion:264 Resp: 498832
Ion Ratio Lower Upper
264 100
260 25.3 19.6 29.4
265 21.8 17.2 25.8

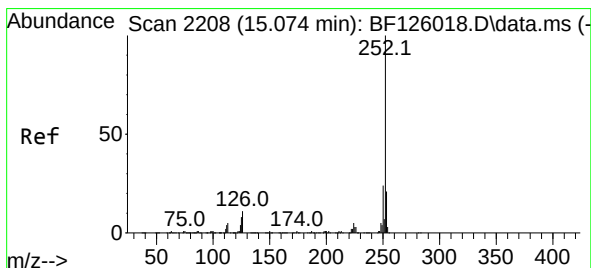
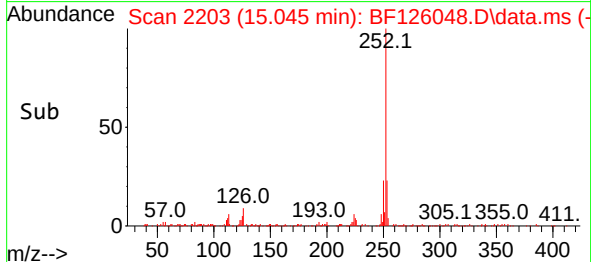
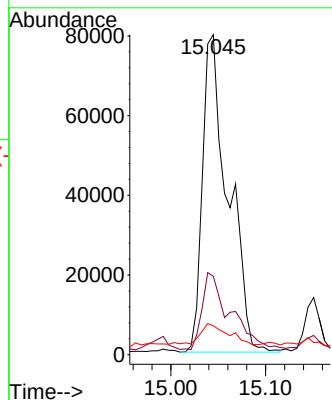
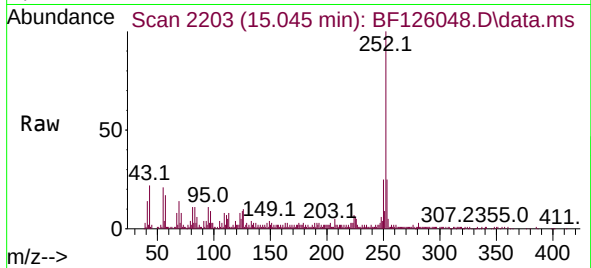




#88
Benzo(b)fluoranthene
Concen: 4.622 ng
RT: 15.045 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

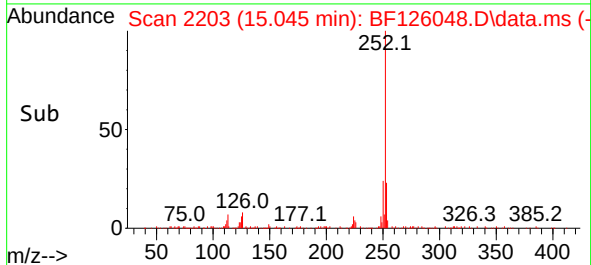
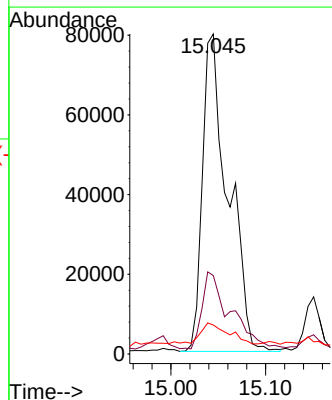
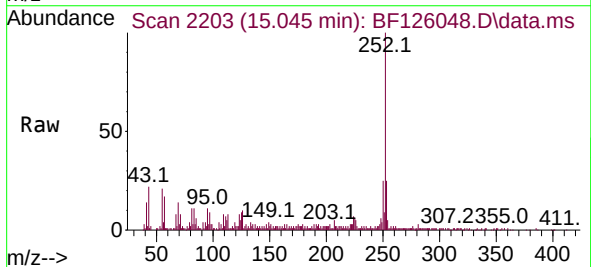
Instrument :
BNA_F
ClientSampleId :
WC-2-JS

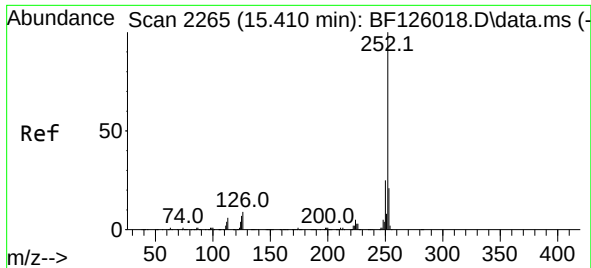
Tgt Ion:252 Resp: 149974
Ion Ratio Lower Upper
252 100
253 24.5 16.8 25.2
125 9.0 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 4.765 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.030 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

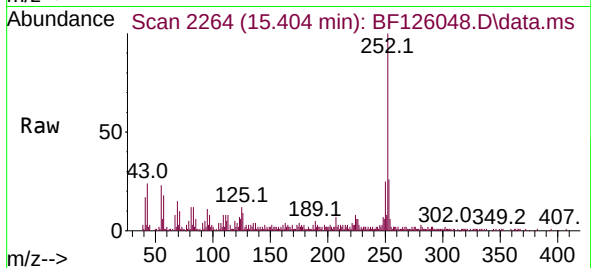
Tgt Ion:252 Resp: 149974
Ion Ratio Lower Upper
252 100
253 24.5 17.8 26.8
125 9.0 7.2 10.8





#90
Benzo(a)pyrene
Concen: 3.058 ng
RT: 15.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126048.D
Acq: 4 Nov 2021 16:28

Instrument :
BNA_F
ClientSampleId :
WC-2-JS



Tgt Ion:252 Resp: 78177
Ion Ratio Lower Upper
252 100
253 25.8 18.4 27.6
125 11.6 9.9 14.9

