

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082721\
 Data File : BF125256.D
 Acq On : 27 Aug 2021 16:25
 Operator : JU/CG
 Sample : M3548-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-235

Quant Time: Aug 27 17:29:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

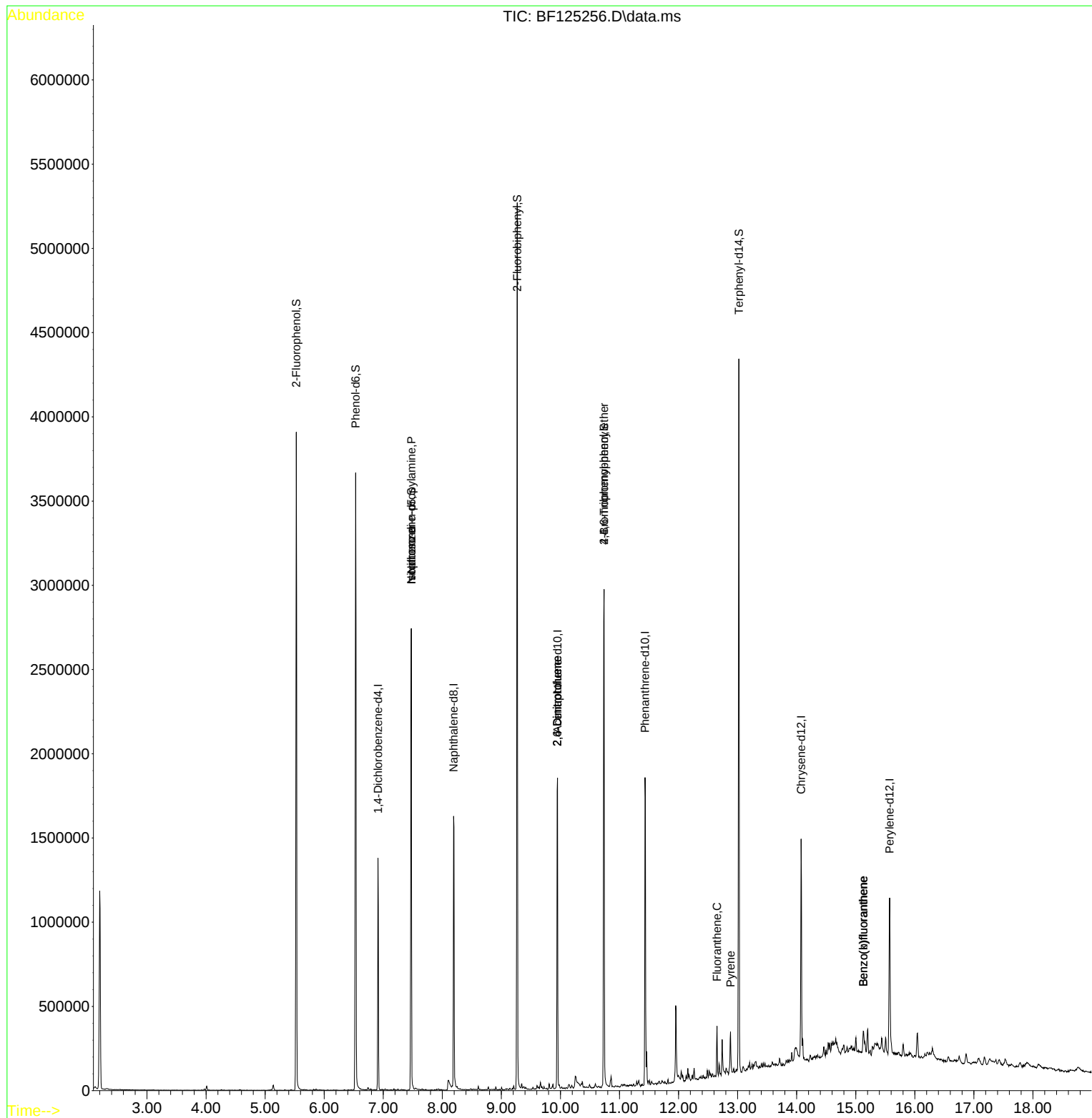
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	188692	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	739476	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	395339	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	704065	20.000	ng	0.00
76) Chrysene-d12	14.074	240	436910	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	442123	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	995204	79.831	ng	0.00
7) Phenol-d6	6.534	99	1271267	78.848	ng	0.00
23) Nitrobenzene-d5	7.475	82	818508	55.725	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	395787	100.292	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1497194	52.782	ng	0.00
79) Terphenyl-d14	13.021	244	1466304	53.465	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	109705	11.312	ng	# 56
25) Isophorone	7.475	82	818486	28.885	ng	# 59
51) 2,6-Dinitrotoluene	9.945	165	53036	8.928	ng	# 28
57) 2,4-Dinitrotoluene	9.945	165	53036	7.377	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	24348	2.880	ng	# 1
75) Fluoranthene	12.651	202	105299	2.735	ng	98
78) Pyrene	12.880	202	99367	2.651	ng	98
88) Benzo(b)fluoranthene	15.127	252	91839	2.843	ng	98
89) Benzo(k)fluoranthene	15.127	252	91839	3.047	ng	# 96

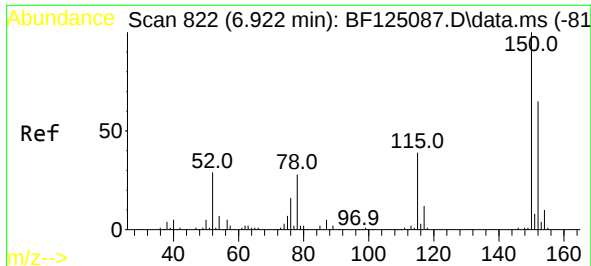
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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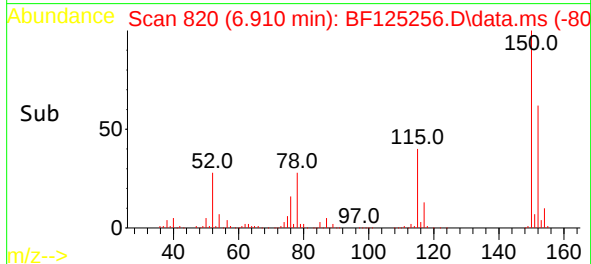
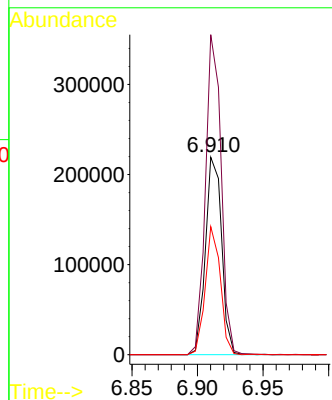
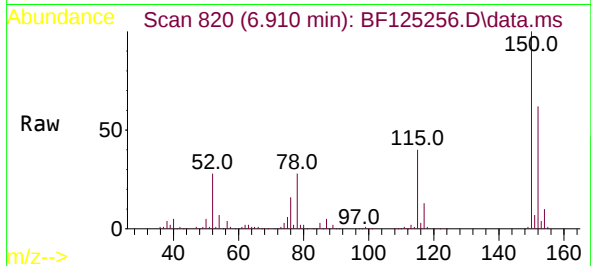




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125256.D
Acq: 27 Aug 2021 16:25

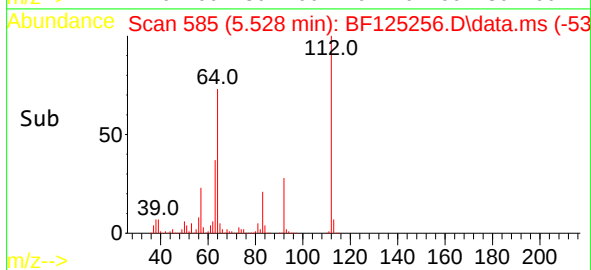
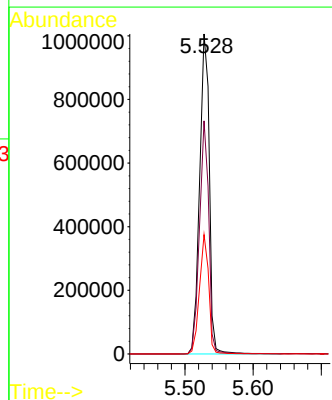
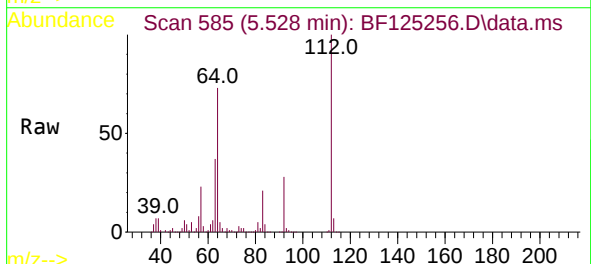
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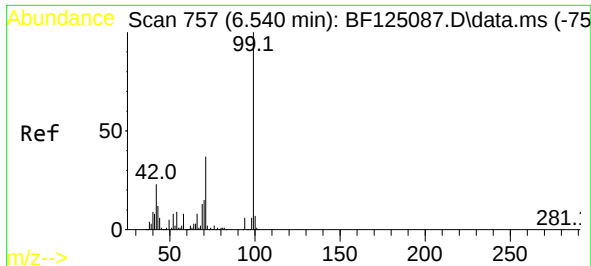
Tgt Ion:152 Resp: 188692
Ion Ratio Lower Upper
152 100
150 162.1 117.6 176.4
115 64.8 47.1 70.7



#5
2-Fluorophenol
Concen: 79.831 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.000 min
Lab File: BF125256.D
Acq: 27 Aug 2021 16:25

Tgt Ion:112 Resp: 995204
Ion Ratio Lower Upper
112 100
64 72.8 44.2 66.2#
63 37.3 26.2 39.2

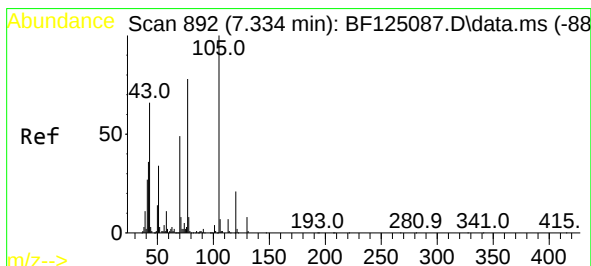
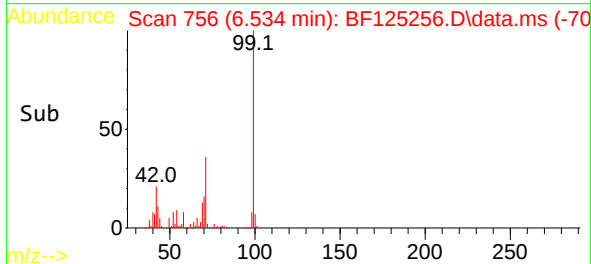
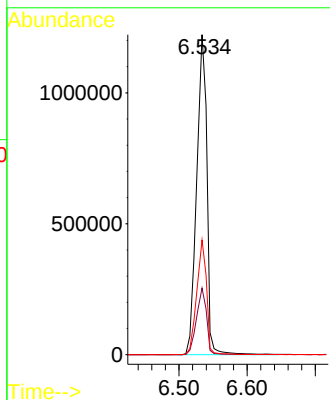
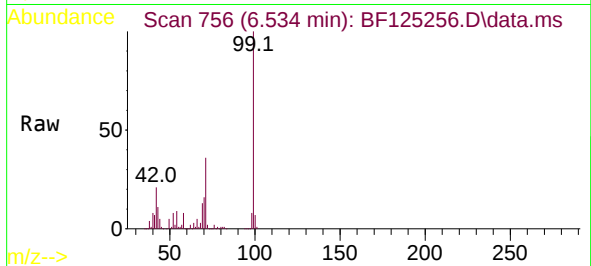




#7
Phenol-d6
Concen: 78.848 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125256.D
Acq: 27 Aug 2021 16:25

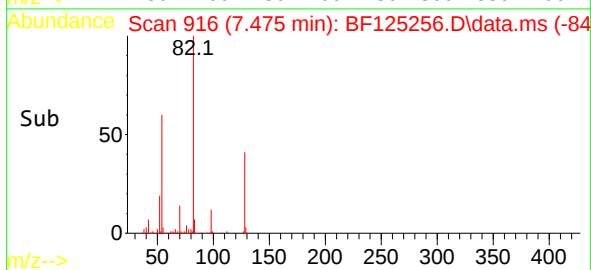
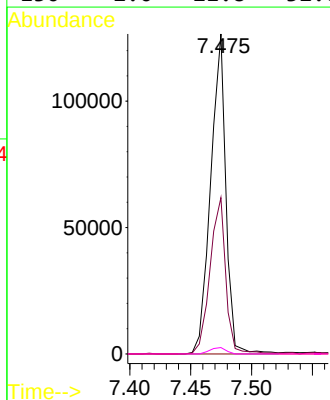
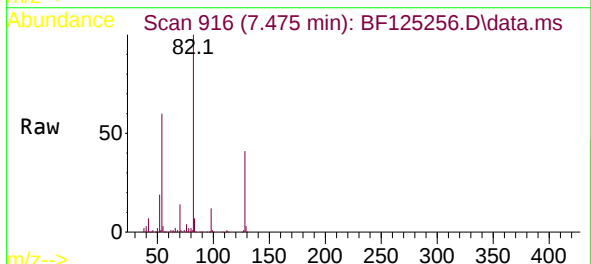
Instrument :
BNA_F
ClientSampleId :
VNJ-235

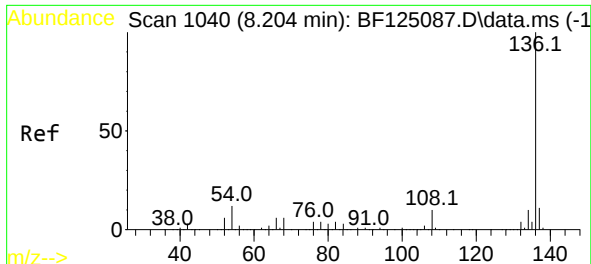
Tgt Ion: 99 Resp: 1271267
Ion Ratio Lower Upper
99 100
42 20.8 23.5 35.3#
71 35.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.312 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125256.D
Acq: 27 Aug 2021 16:25

Tgt Ion: 70 Resp: 109705
Ion Ratio Lower Upper
70 100
42 48.9 72.2 108.2#
101 0.0 7.8 11.8#
130 2.0 21.8 32.6#



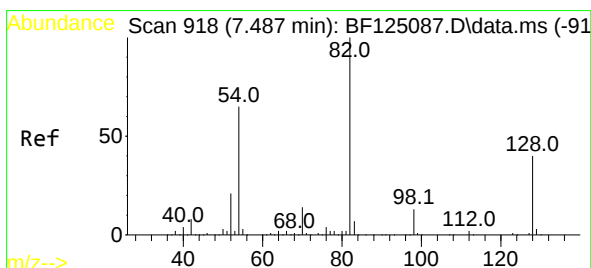
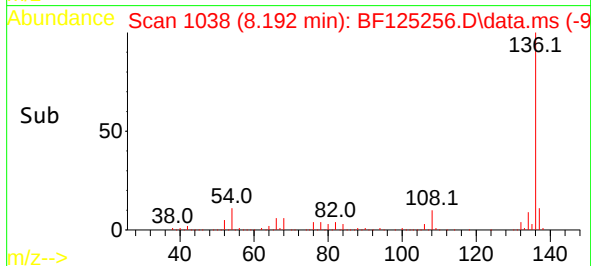
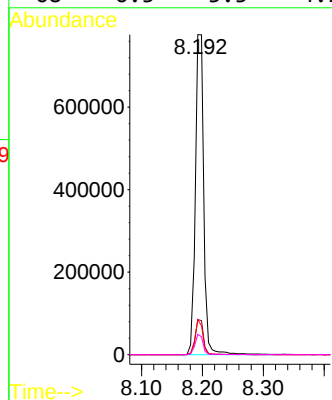
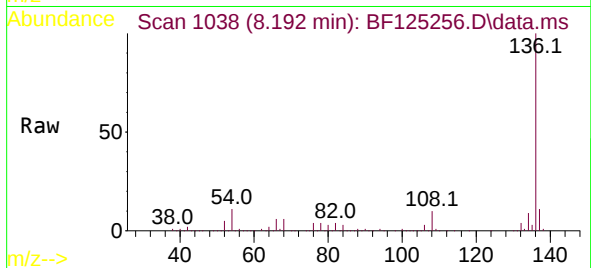


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF125256.D
Acq: 27 Aug 2021 16:25

Instrument :
BNA_F
ClientSampleId :
VNJ-235

Tgt Ion:136 Resp: 739476

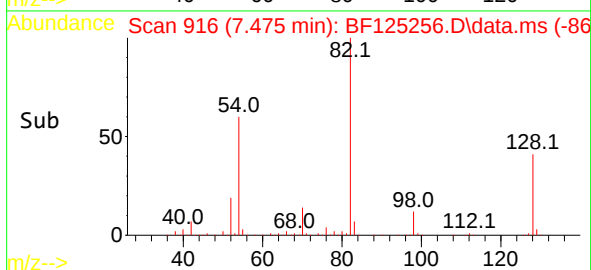
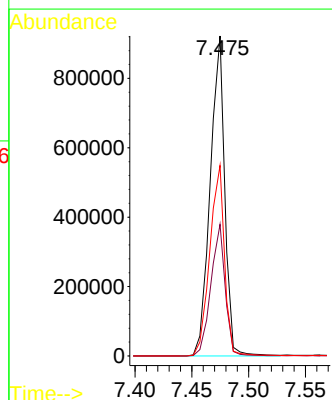
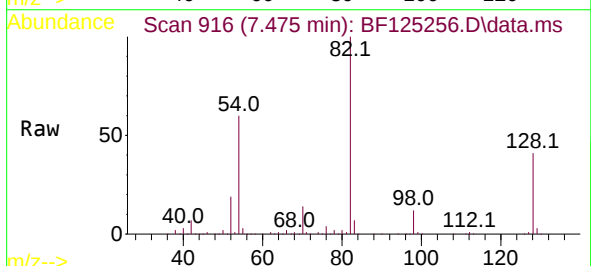
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	10.9	6.4	9.6#
68	6.3	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 55.725 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125256.D
Acq: 27 Aug 2021 16:25

Tgt Ion: 82 Resp: 818508

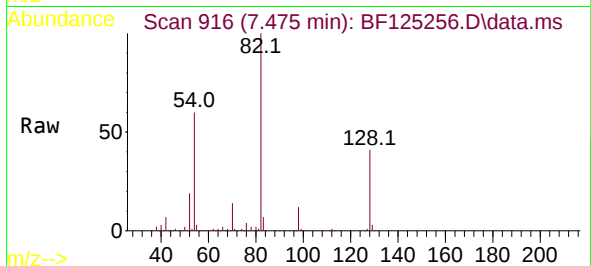
Ion	Ratio	Lower	Upper
82	100		
128	41.2	40.6	60.8
54	59.5	49.6	74.4



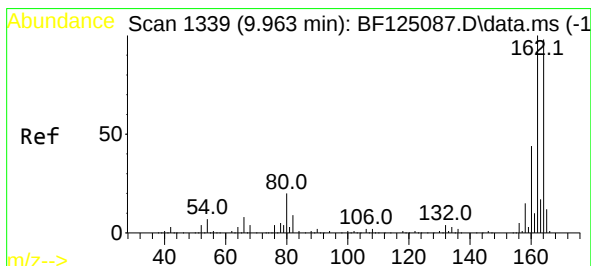
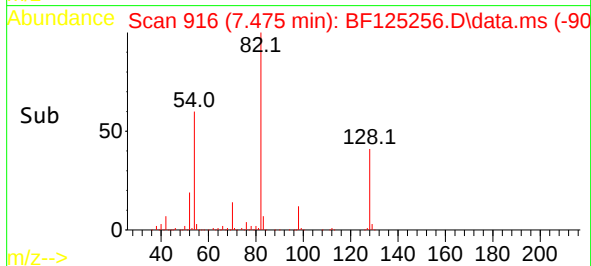
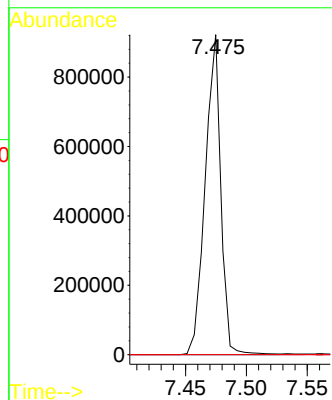


#25
Isophorone
Concen: 28.885 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125256.D
Acq: 27 Aug 2021 16:25

Instrument :
BNA_F
ClientSampleId :
VNJ-235

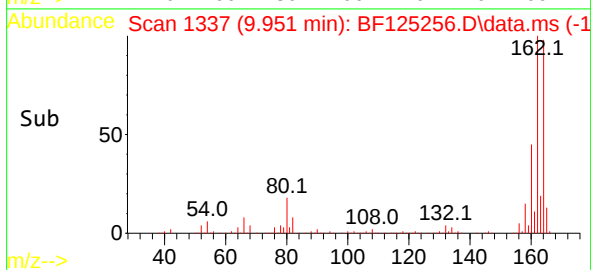
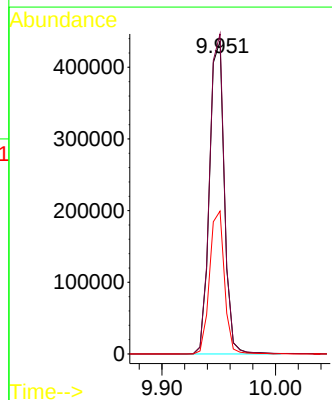
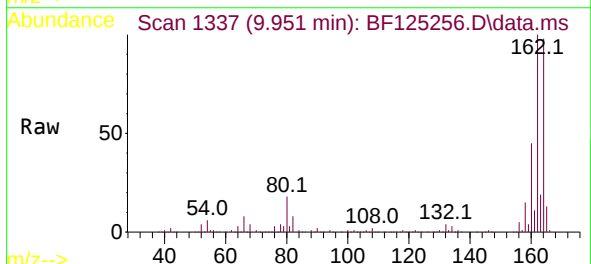


Tgt Ion: 82 Resp: 818486
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125256.D
Acq: 27 Aug 2021 16:25

Tgt Ion: 164 Resp: 395339
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 45.7 38.0 57.0

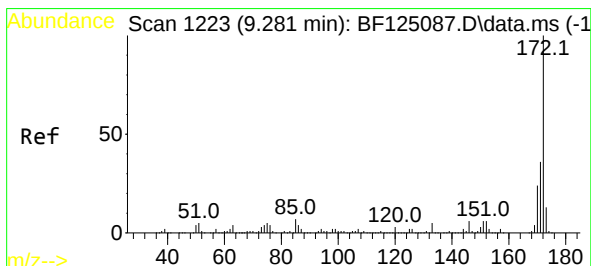
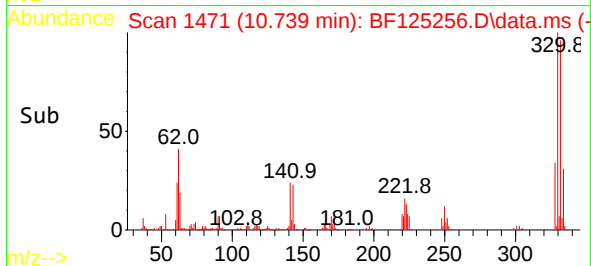
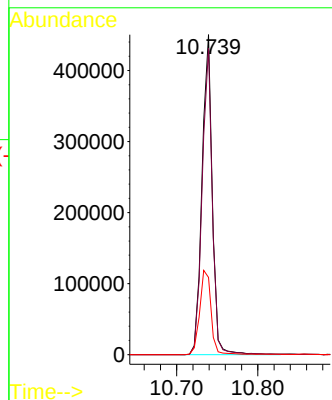
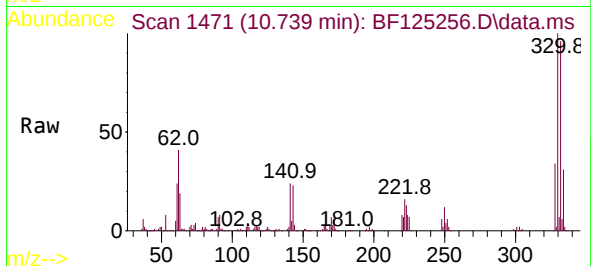




#42
2,4,6-Tribromophenol
Concen: 100.292 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125256.D
Acq: 27 Aug 2021 16:25

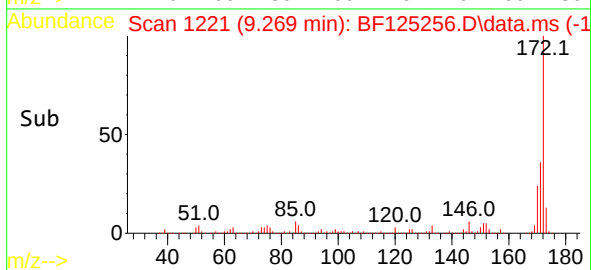
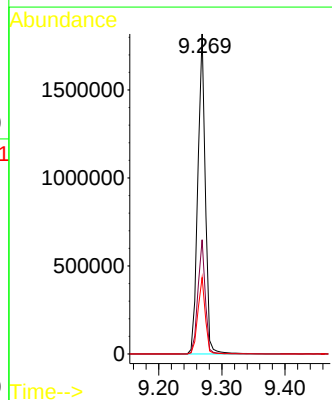
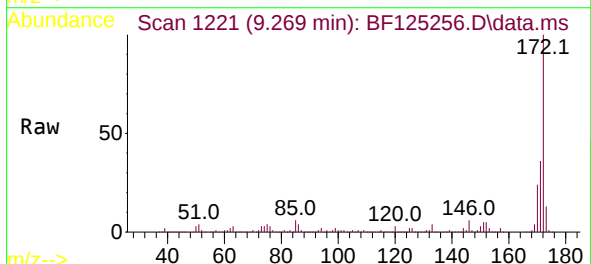
Instrument :
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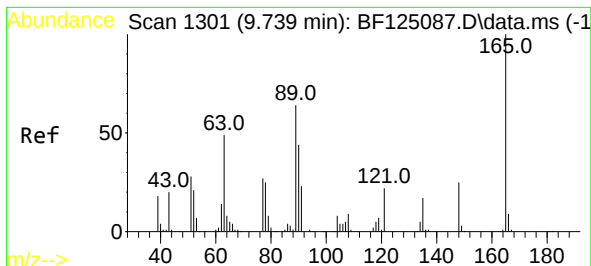
Tgt Ion:330 Resp: 395787
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 29.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 52.782 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125256.D
Acq: 27 Aug 2021 16:25

Tgt Ion:172 Resp: 1497194
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 23.9 18.8 28.2

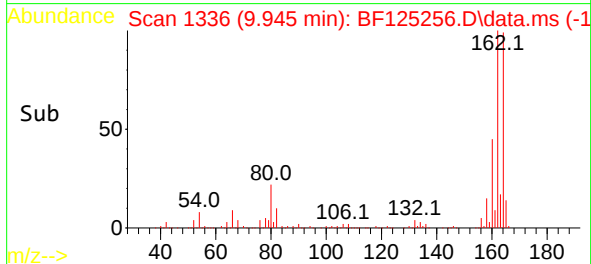
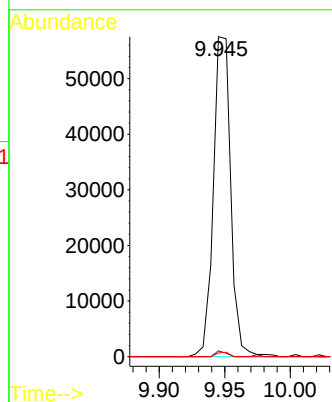
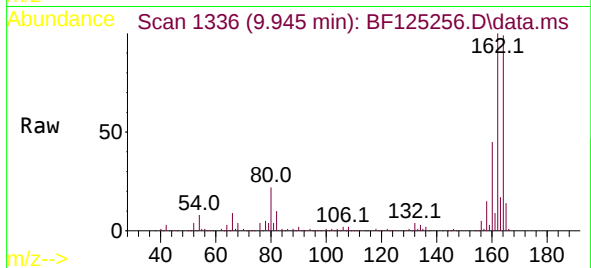




#51
2,6-Dinitrotoluene
Concen: 8.928 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF125256.D
Acq: 27 Aug 2021 16:25

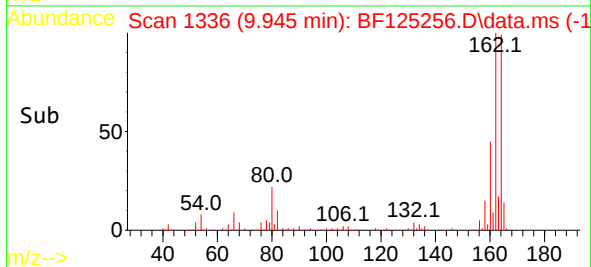
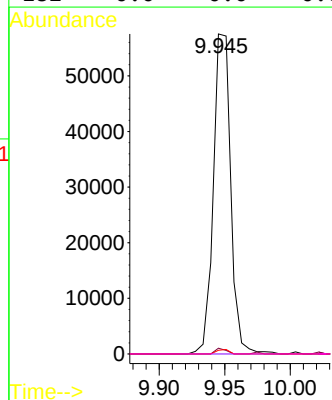
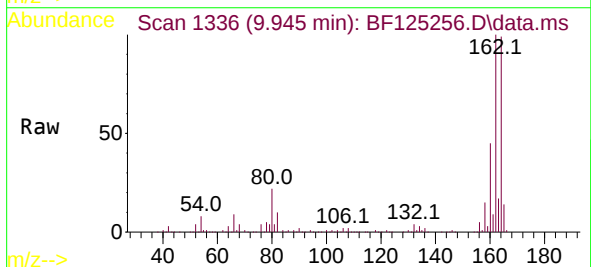
Instrument :
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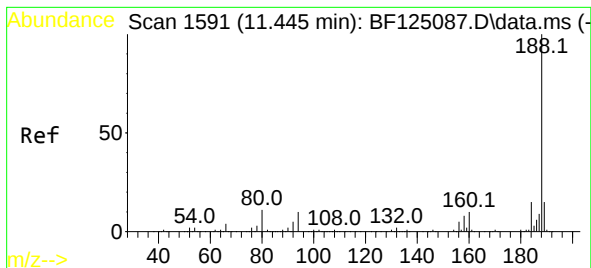
Tgt Ion:165 Resp: 53036
Ion Ratio Lower Upper
165 100
63 1.8 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.377 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF125256.D
Acq: 27 Aug 2021 16:25

Tgt Ion:165 Resp: 53036
Ion Ratio Lower Upper
165 100
63 1.8 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

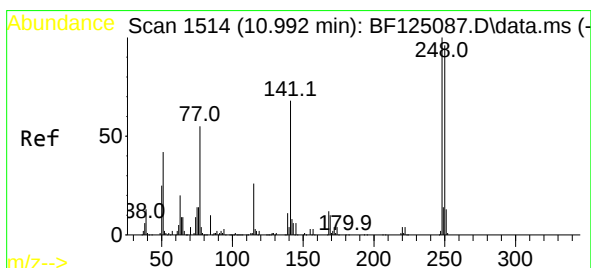
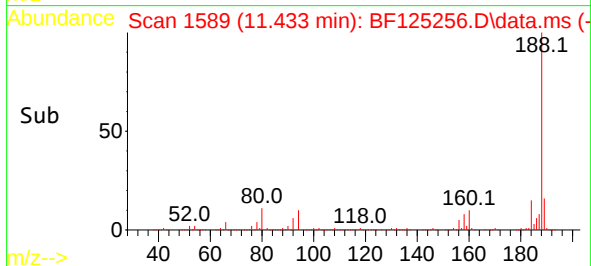
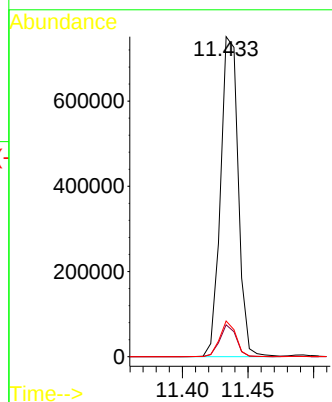
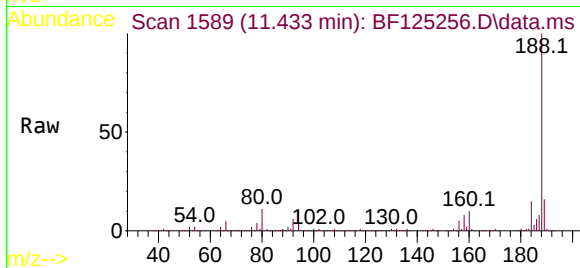




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125256.D
Acq: 27 Aug 2021 16:25

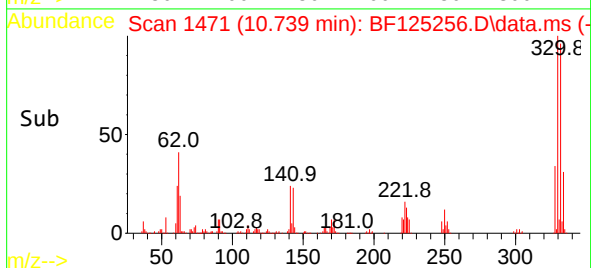
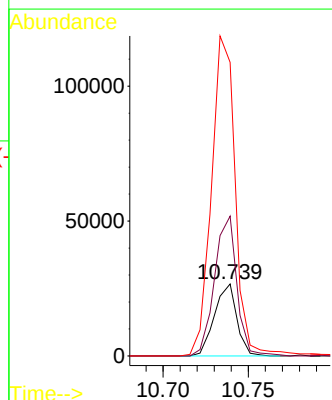
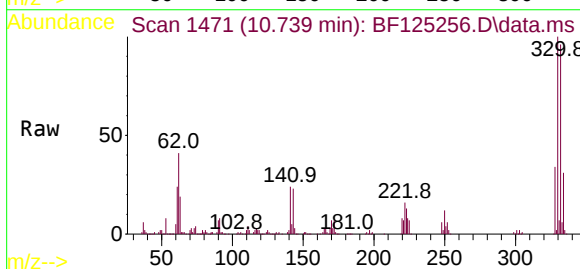
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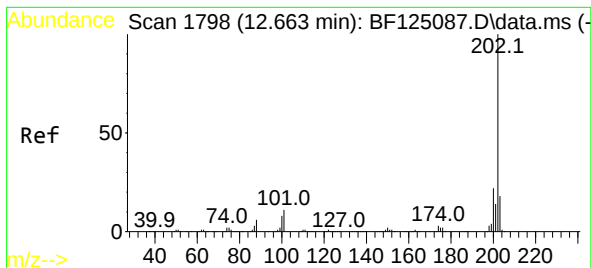
Tgt Ion:188 Resp: 704065
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 11.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.880 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125256.D
Acq: 27 Aug 2021 16:25

Tgt Ion:248 Resp: 24348
Ion Ratio Lower Upper
248 100
250 194.2 74.2 111.4#
141 407.9 60.4 90.6#

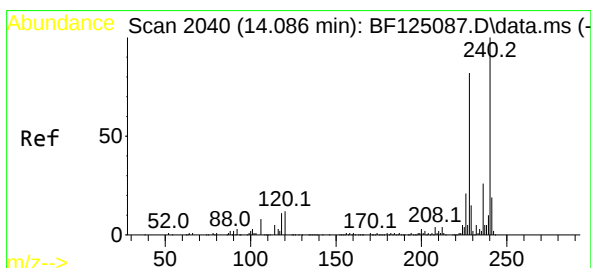
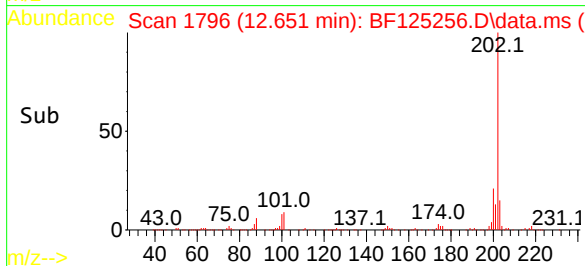
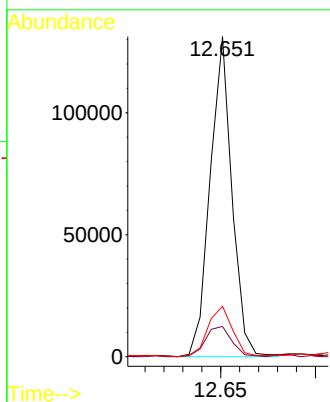
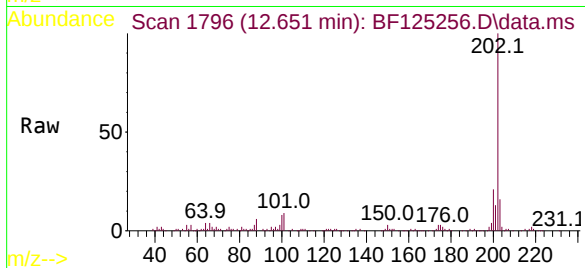




#75
Fluoranthene
Concen: 2.735 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF125256.D
Acq: 27 Aug 2021 16:25

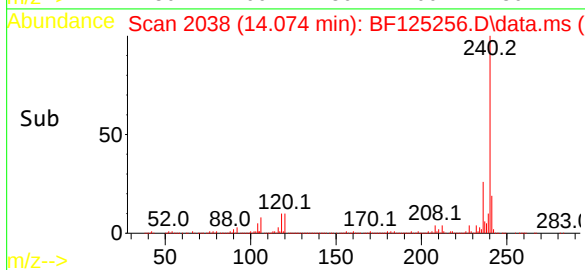
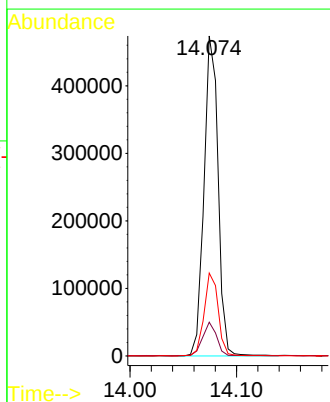
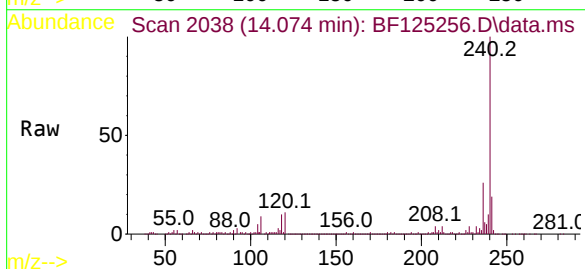
Instrument :
BNA_F
ClientSampleId :
VNJ-235

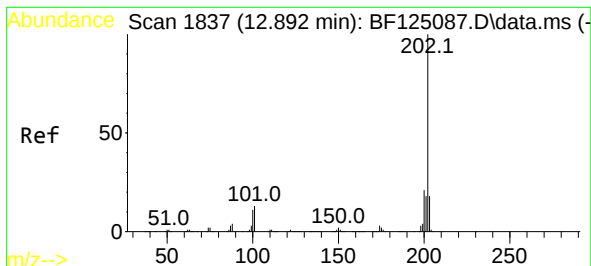
Tgt Ion:202 Resp: 105299
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.7
203 15.8 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125256.D
Acq: 27 Aug 2021 16:25

Tgt Ion:240 Resp: 436910
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 25.9 21.6 32.4





#78

Pyrene

Concen: 2.651 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF125256.D

Acq: 27 Aug 2021 16:25

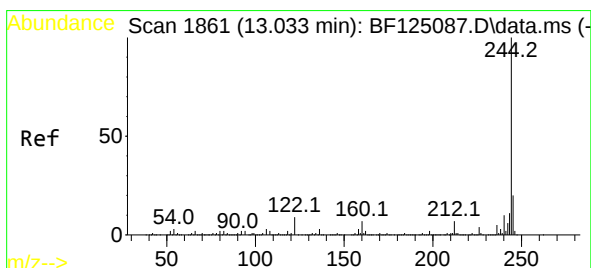
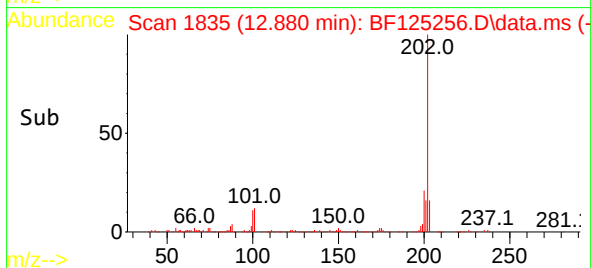
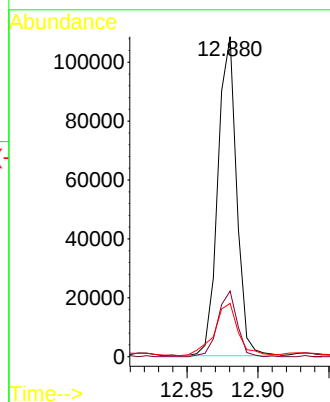
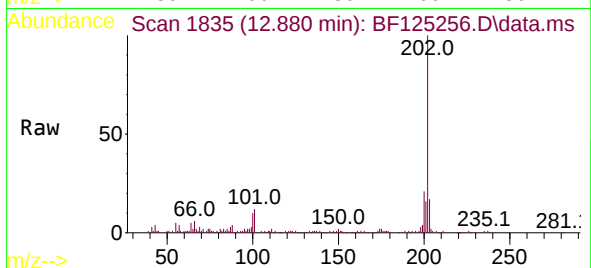
Tgt Ion:202 Resp: 99367

Ion Ratio Lower Upper

202 100

200 20.5 15.3 22.9

203 16.7 13.4 20.0



#79

Terphenyl-d14

Concen: 53.465 ng

RT: 13.021 min Scan# 1859

Delta R.T. 0.000 min

Lab File: BF125256.D

Acq: 27 Aug 2021 16:25

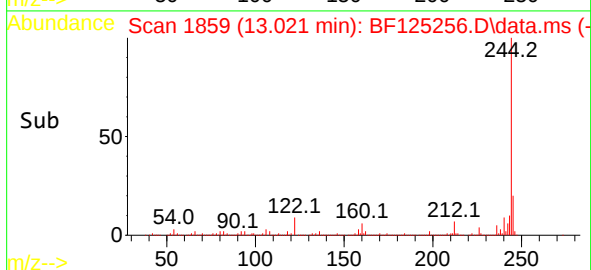
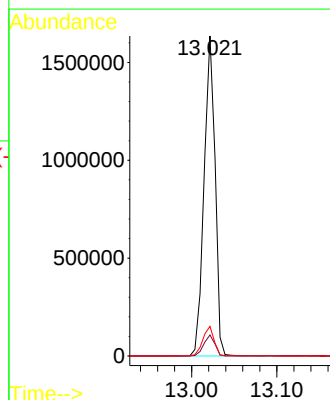
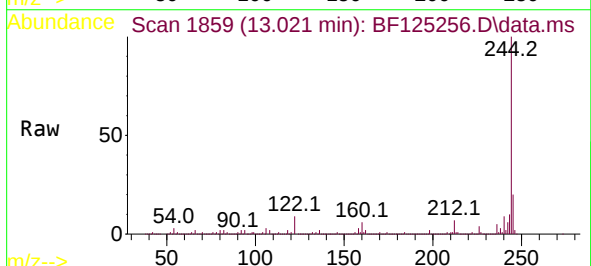
Tgt Ion:244 Resp: 1466304

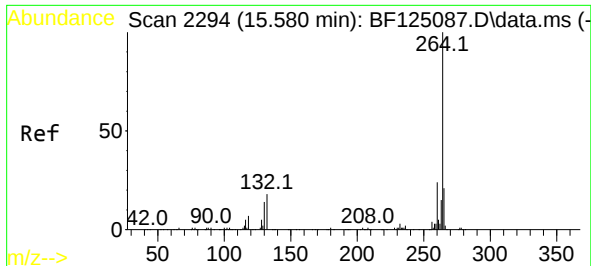
Ion Ratio Lower Upper

244 100

212 6.5 5.9 8.9

122 9.3 9.0 13.4

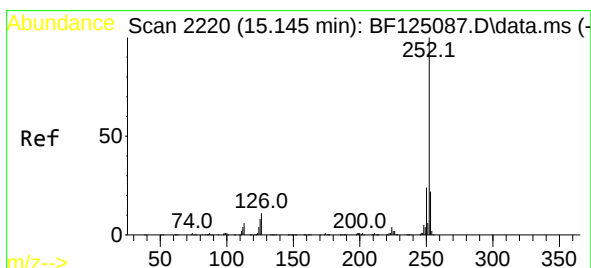
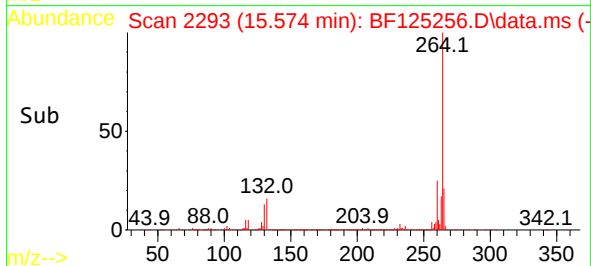
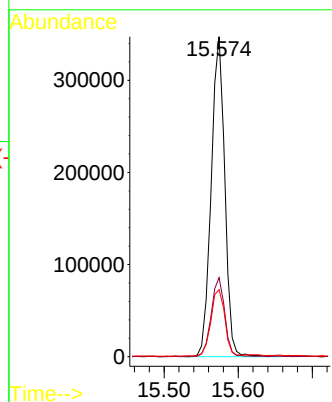
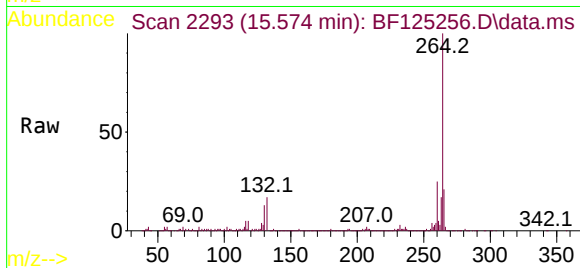




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF125256.D
Acq: 27 Aug 2021 16:25

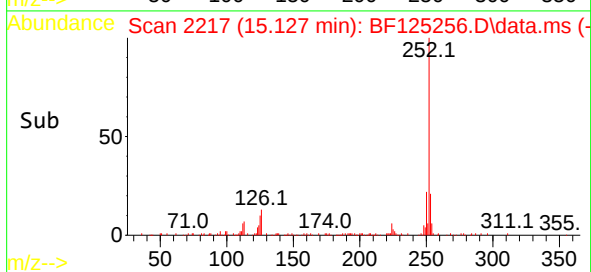
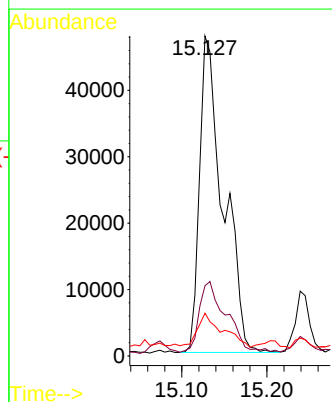
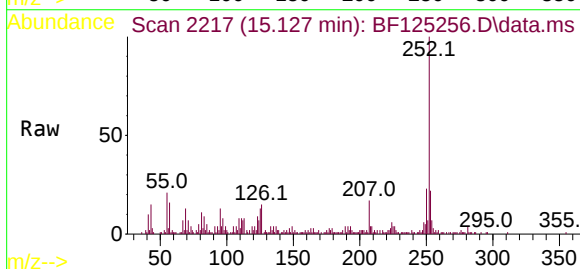
Instrument :
BNA_F
ClientSampled :
VNJ-235

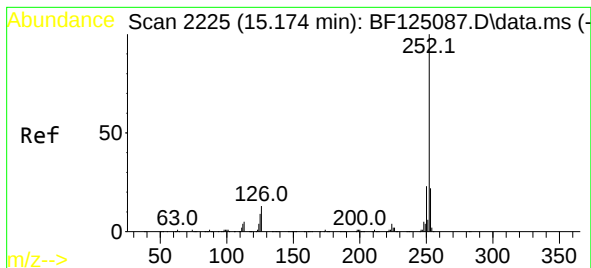
Tgt Ion:264 Resp: 442123
Ion Ratio Lower Upper
264 100
260 24.7 19.6 29.4
265 20.9 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 2.843 ng
RT: 15.127 min Scan# 2217
Delta R.T. -0.006 min
Lab File: BF125256.D
Acq: 27 Aug 2021 16:25

Tgt Ion:252 Resp: 91839
Ion Ratio Lower Upper
252 100
253 21.9 16.8 25.2
125 13.4 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 3.047 ng

RT: 15.127 min Scan# 2217

Delta R.T. -0.041 min

Lab File: BF125256.D

Acq: 27 Aug 2021 16:25

Tgt Ion:252 Resp: 91839

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 13.4 7.2 10.8#

