

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
 Data File : BF125174.D
 Acq On : 24 Aug 2021 1:34
 Operator : JU/CG
 Sample : M3510-03 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082021

Quant Time: Aug 24 04:50:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 10:15:49 2021
 Response via : Initial Calibration

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

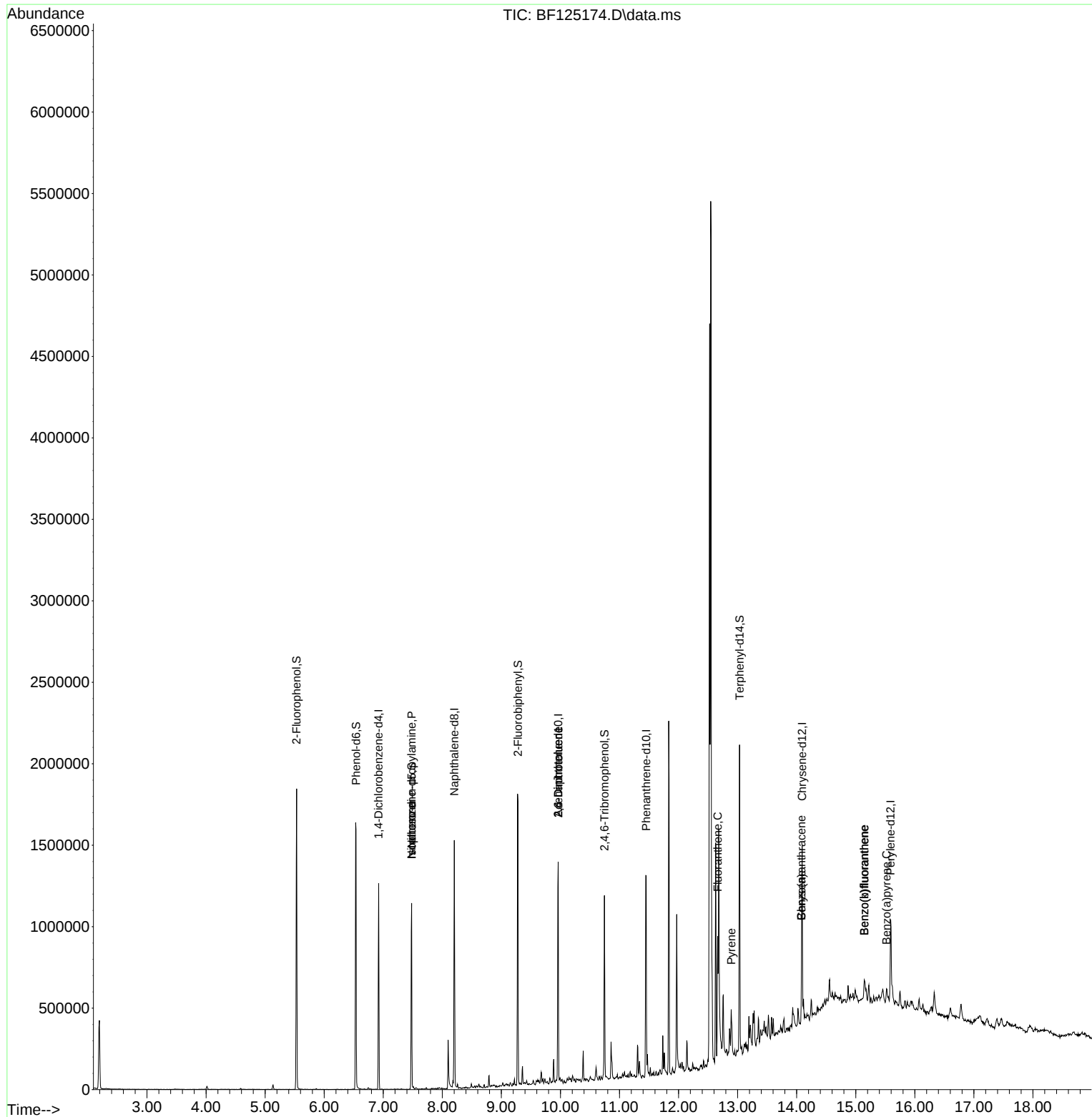
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	161103	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	576876	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	275647	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	475242	20.000	ng	0.00
76) Chrysene-d12	14.092	240	355936	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	256597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	423701	39.808	ng	0.00
7) Phenol-d6	6.540	99	503774	36.596	ng	0.00
23) Nitrobenzene-d5	7.481	82	317896	27.743	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	117184	42.588	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	555517	28.088	ng	0.00
79) Terphenyl-d14	13.033	244	608016	27.213	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	43611	5.267	ng	# 61
25) Isophorone	7.481	82	317891	14.381	ng	# 59
51) 2,6-Dinitrotoluene	9.963	165	37729	9.109	ng	# 28
57) 2,4-Dinitrotoluene	9.963	165	37729	7.526	ng	# 20
75) Fluoranthene	12.663	202	103206	3.972	ng	97
78) Pyrene	12.892	202	104493	3.422	ng	98
81) Benzo(a)anthracene	14.080	228	54678	2.132	ng	# 89
83) Chrysene	14.080	228	54678	2.156	ng	91
88) Benzo(b)fluoranthene	15.145	252	80040	4.270	ng	# 86
89) Benzo(k)fluoranthene	15.145	252	80040	4.575	ng	# 85
90) Benzo(a)pyrene	15.521	252	43868	2.649	ng	# 90

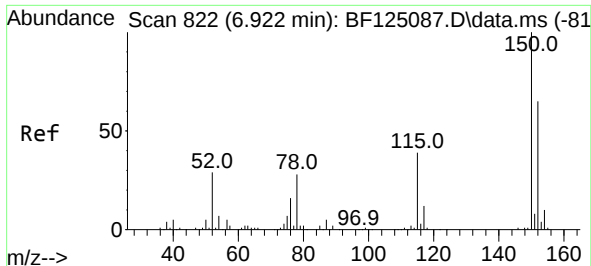
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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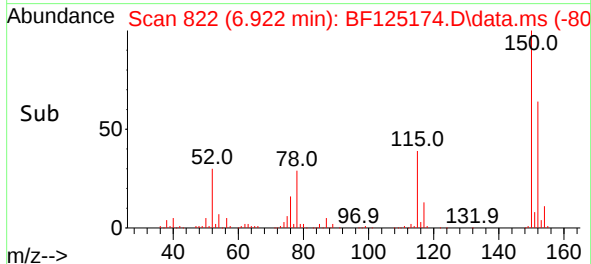
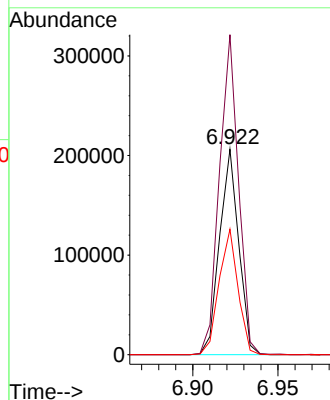
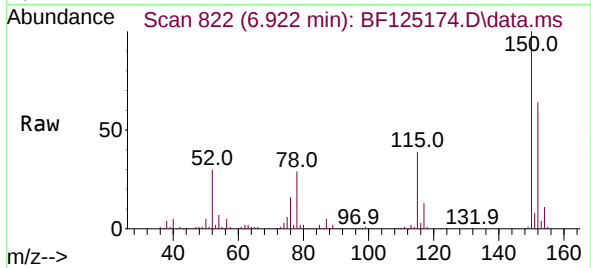




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

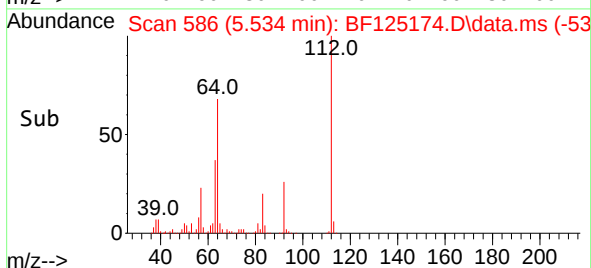
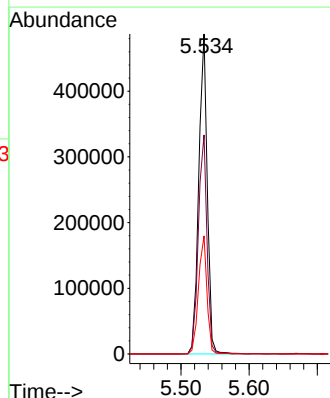
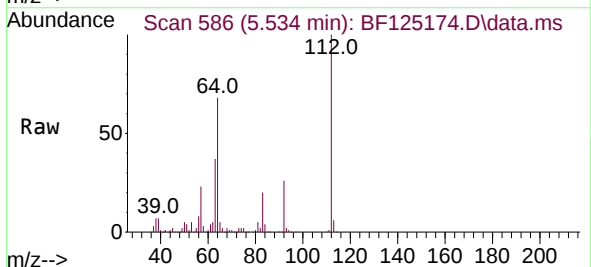
Instrument :
BNA_F
ClientSampleId :
SU-03-082021

Tgt Ion:152 Resp: 161103
Ion Ratio Lower Upper
152 100
150 155.8 117.6 176.4
115 61.1 47.1 70.7



#5
2-Fluorophenol
Concen: 39.808 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

Tgt Ion:112 Resp: 423701
Ion Ratio Lower Upper
112 100
64 68.5 44.2 66.2#
63 36.9 26.2 39.2

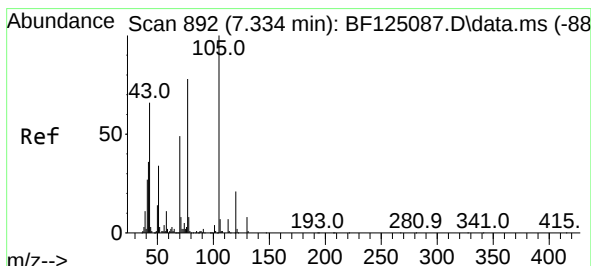
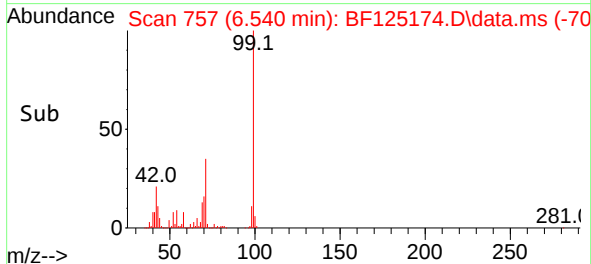
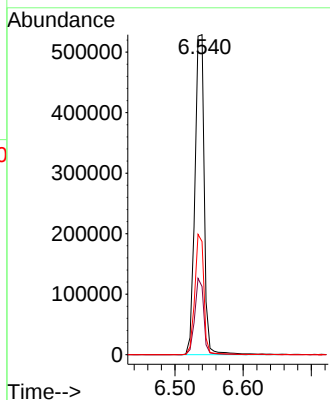
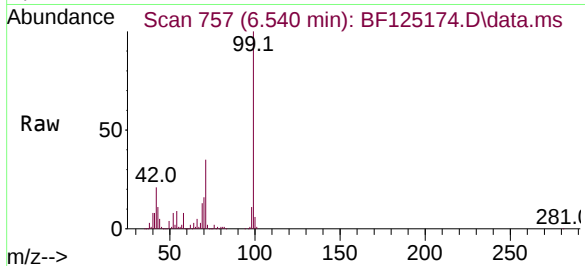




#7
Phenol-d6
Concen: 36.596 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

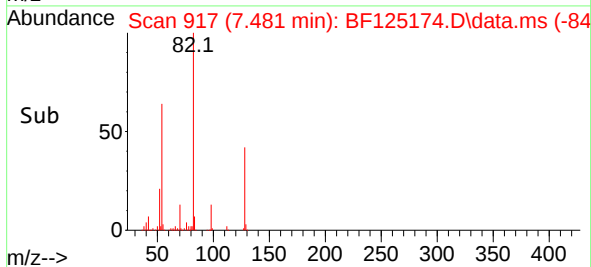
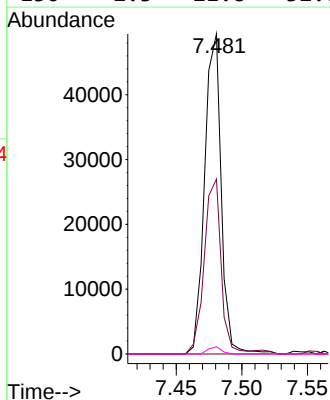
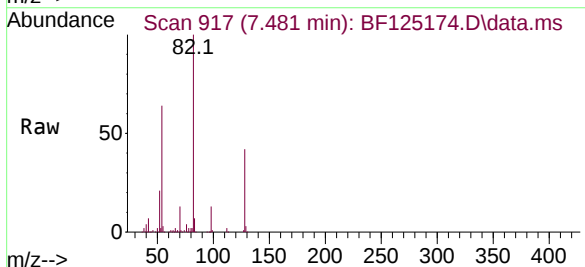
Instrument :
BNA_F
ClientSampleId :
SU-03-082021

Tgt Ion: 99 Resp: 503774
Ion Ratio Lower Upper
99 100
42 21.3 23.5 35.3#
71 35.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 5.267 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.141 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

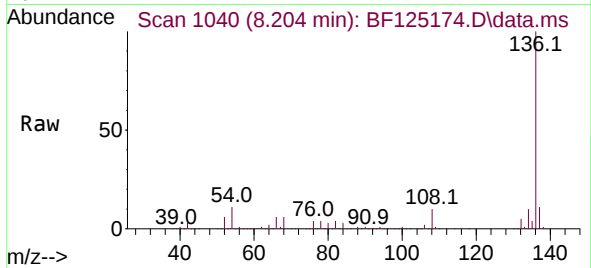
Tgt Ion: 70 Resp: 43611
Ion Ratio Lower Upper
70 100
42 54.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#



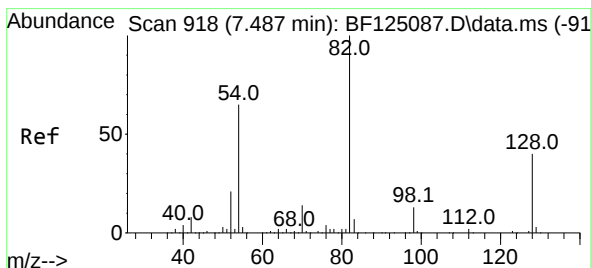
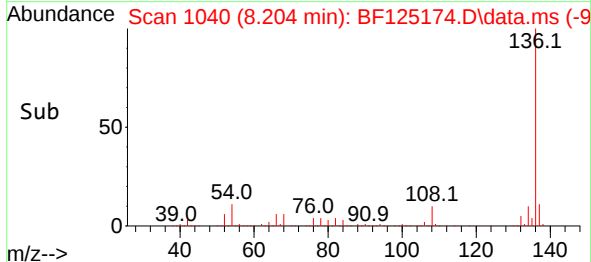
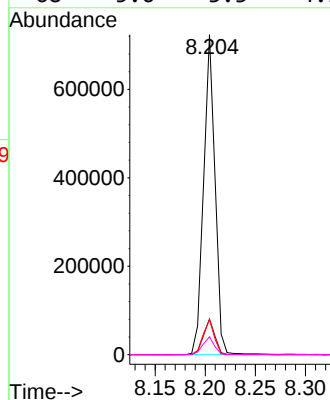


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

Instrument :
BNA_F
ClientSampleId :
SU-03-082021

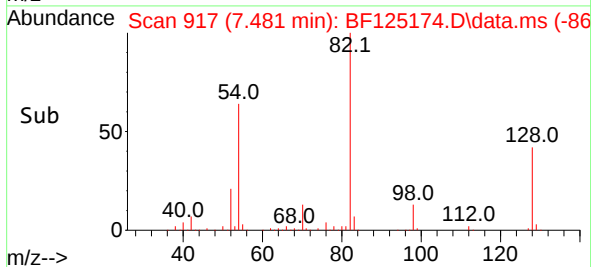
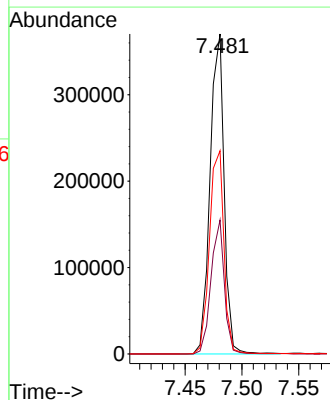
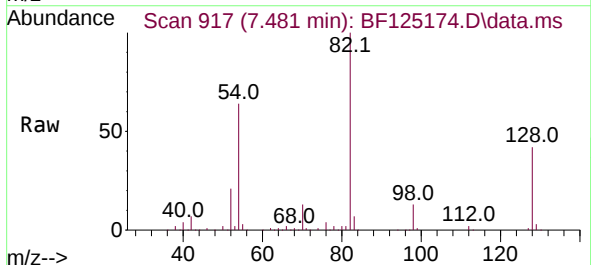


Tgt Ion:136 Resp: 576876
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 11.0 6.4 9.6#
68 5.6 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 27.743 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

Tgt Ion: 82 Resp: 317896
Ion Ratio Lower Upper
82 100
128 41.9 40.6 60.8
54 63.5 49.6 74.4

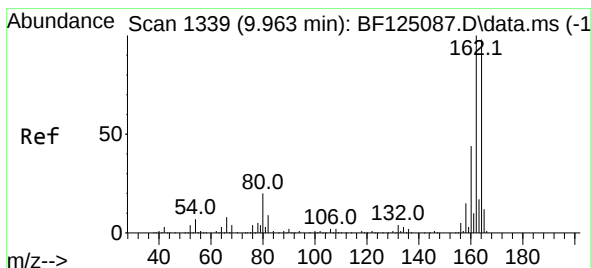
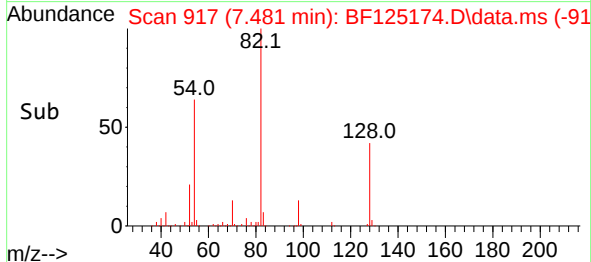
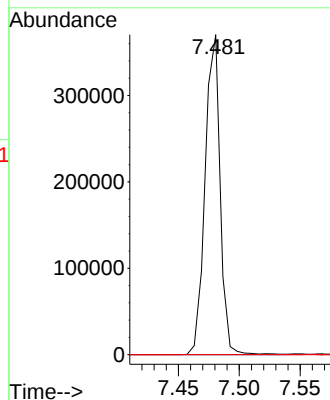
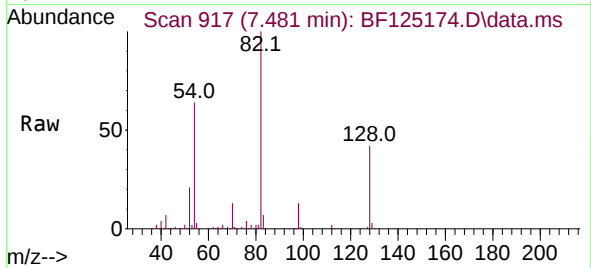




#25
Isophorone
Concen: 14.381 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

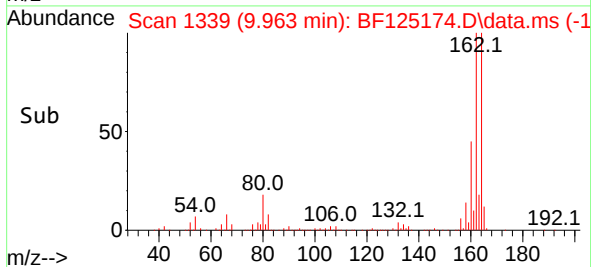
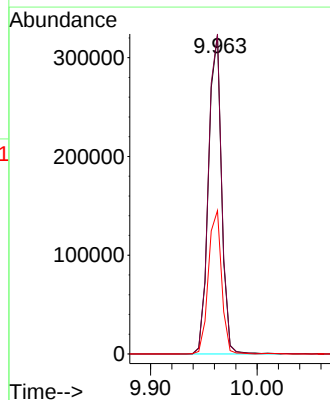
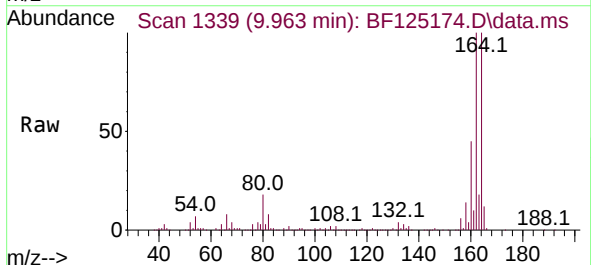
Instrument :
BNA_F
ClientSampleId :
SU-03-082021

Tgt Ion: 82 Resp: 317891
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: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

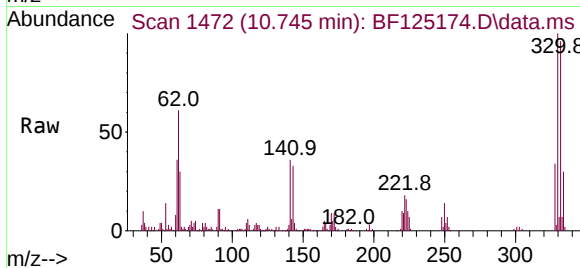
Tgt Ion: 164 Resp: 275647
Ion Ratio Lower Upper
164 100
162 100.4 81.3 121.9
160 45.0 38.0 57.0



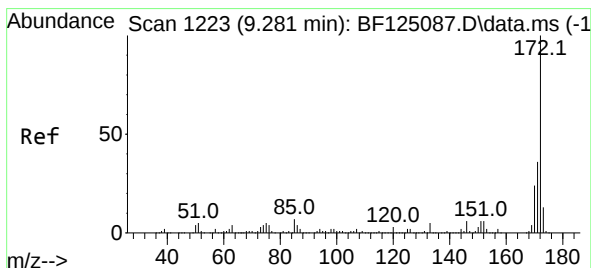
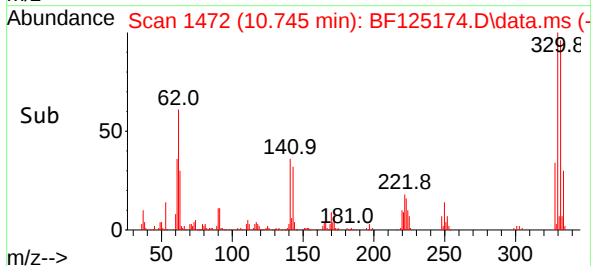
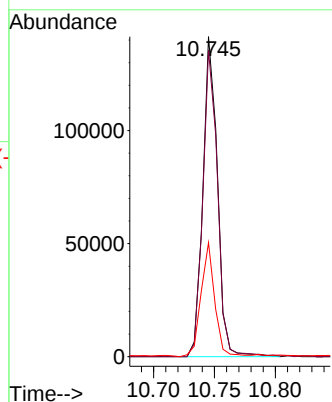


#42
2,4,6-Tribromophenol
Concen: 42.588 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

Instrument :
BNA_F
ClientSampleId :
SU-03-082021

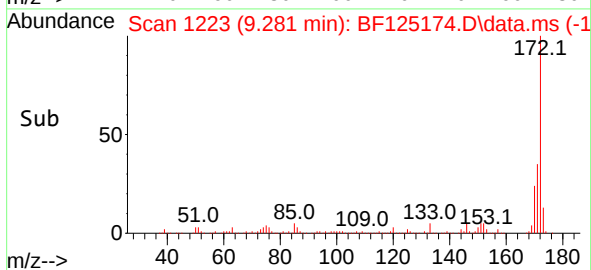
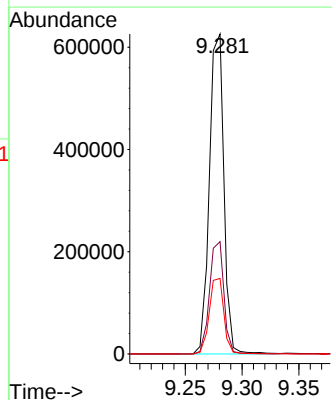
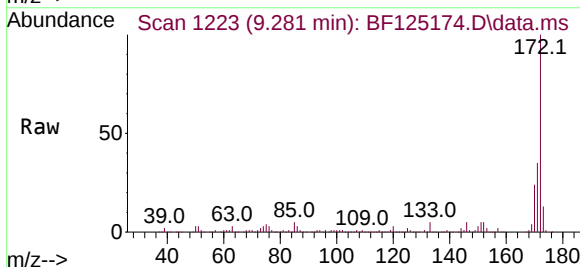


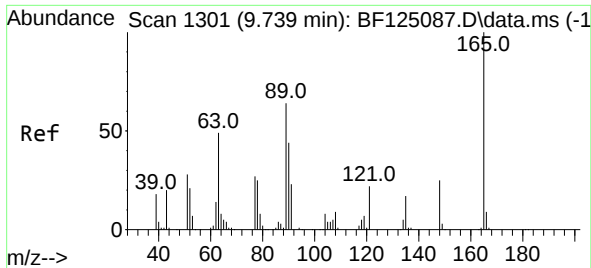
Tgt Ion: 330 Resp: 117184
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 33.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 28.088 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

Tgt Ion: 172 Resp: 555517
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 23.6 18.8 28.2

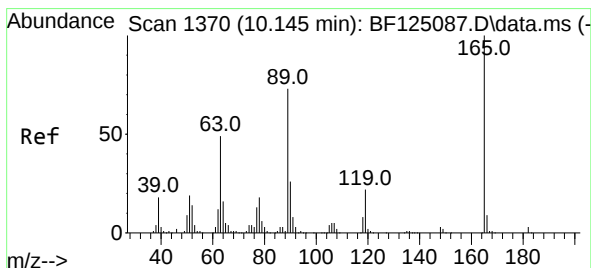
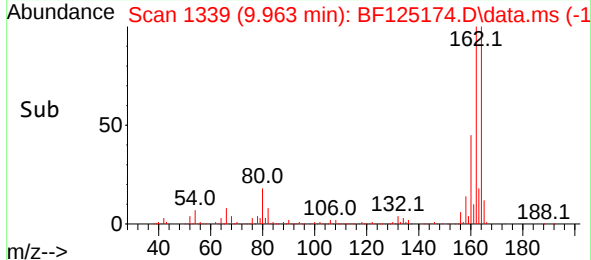
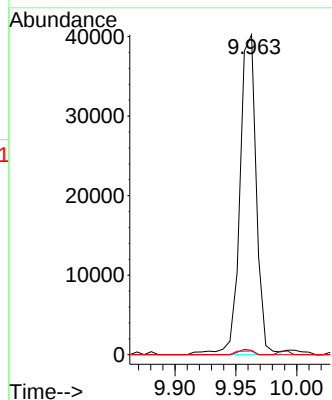
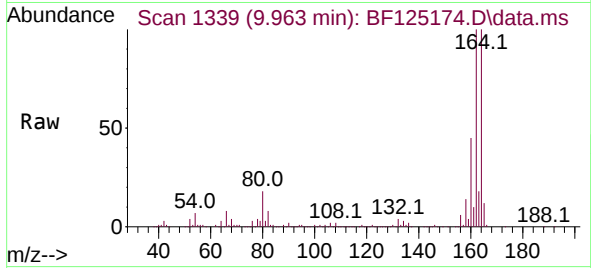




#51
2,6-Dinitrotoluene
Concen: 9.109 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.218 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

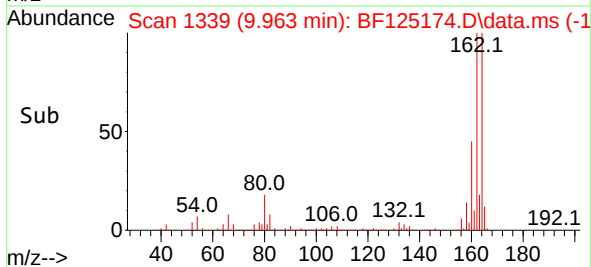
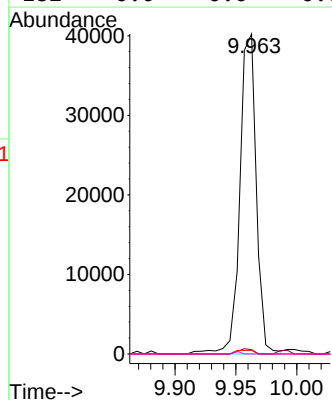
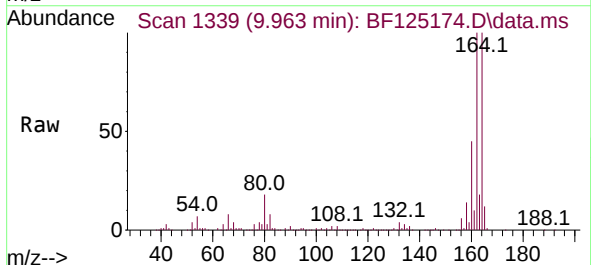
Instrument :
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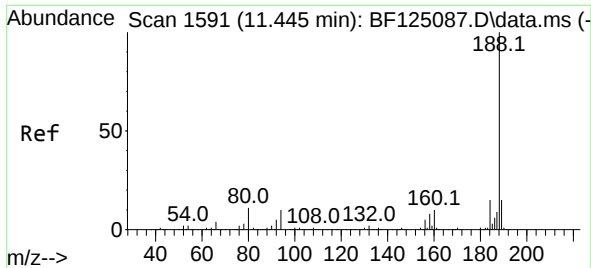
Tgt Ion:165 Resp: 37729
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.526 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.188 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

Tgt Ion:165 Resp: 37729
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

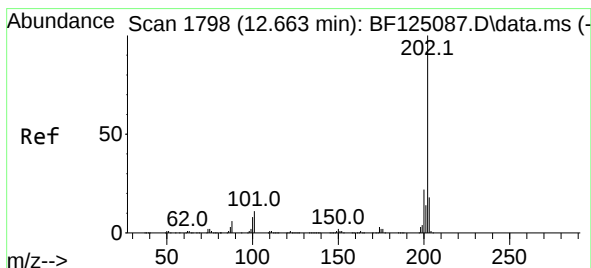
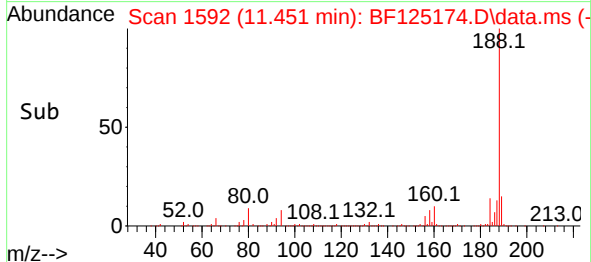
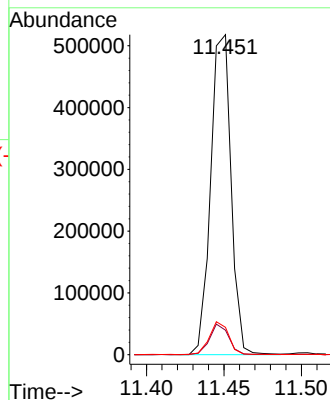
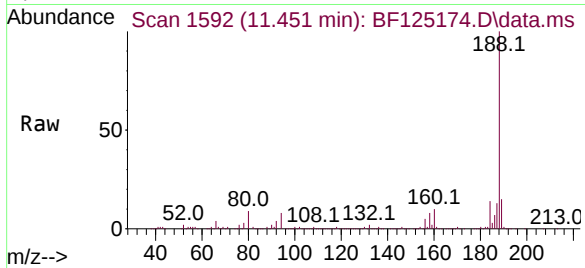




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

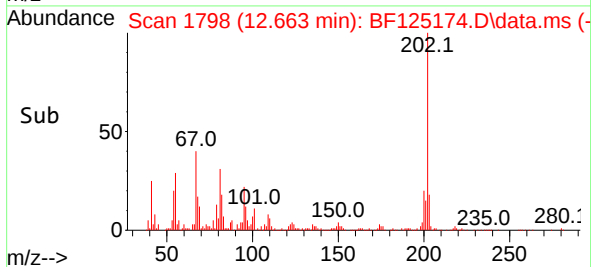
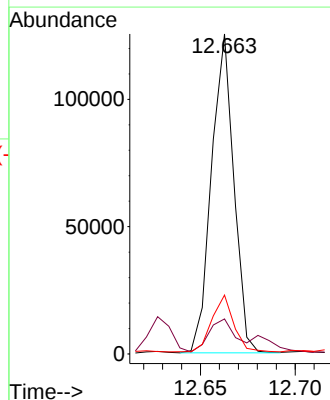
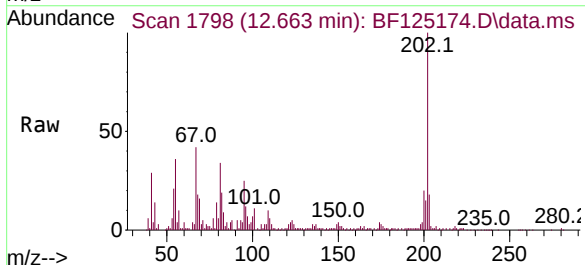
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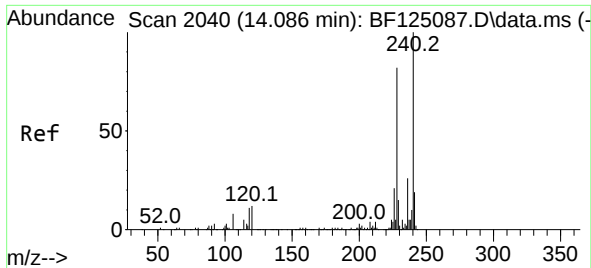
Tgt Ion:188 Resp: 475242
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.5 7.5 11.3



#75
Fluoranthene
Concen: 3.972 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

Tgt Ion:202 Resp: 103206
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 18.4 0.0 36.3

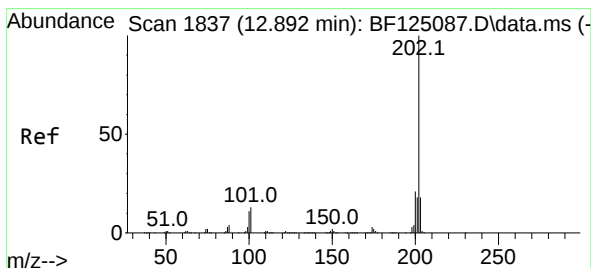
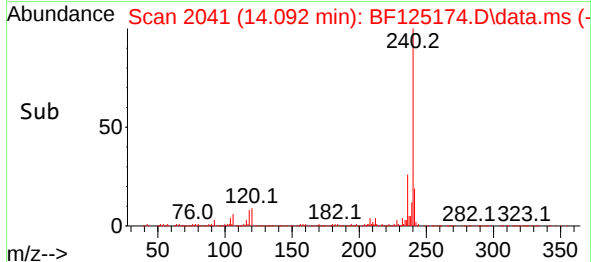
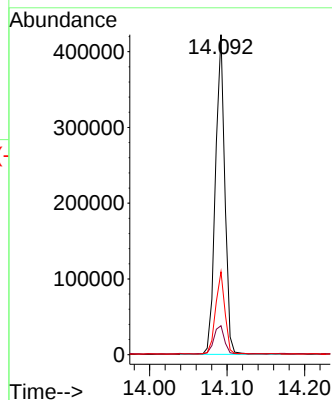
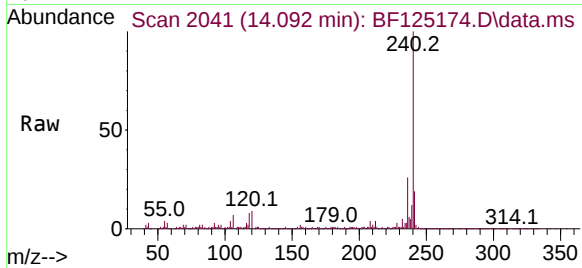




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

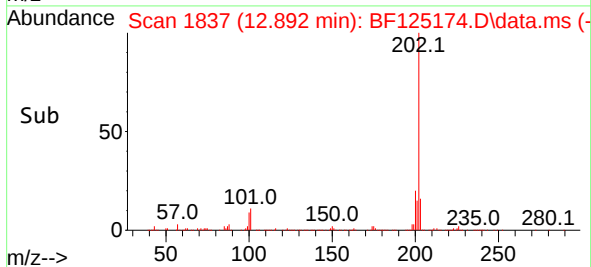
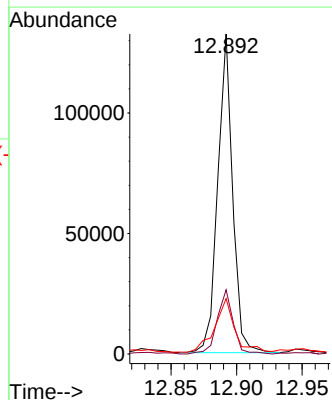
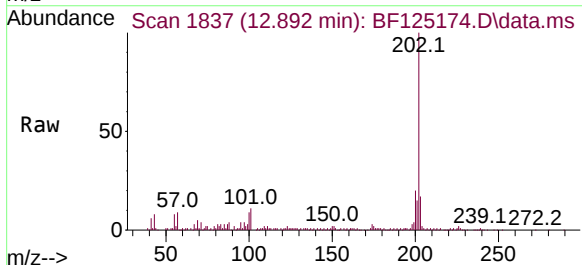
Instrument :
BNA_F
ClientSampleId :
SU-03-082021

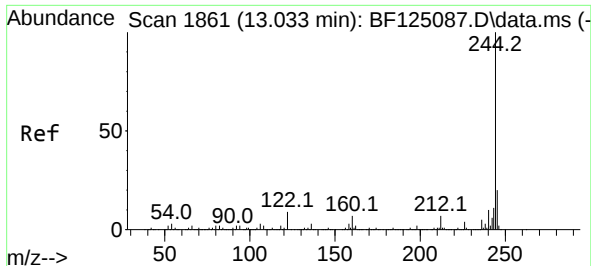
Tgt Ion:240 Resp: 355936
Ion Ratio Lower Upper
240 100
120 9.1 10.8 16.2#
236 25.9 21.6 32.4



#78
Pyrene
Concen: 3.422 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

Tgt Ion:202 Resp: 104493
Ion Ratio Lower Upper
202 100
200 20.0 15.3 22.9
203 17.3 13.4 20.0

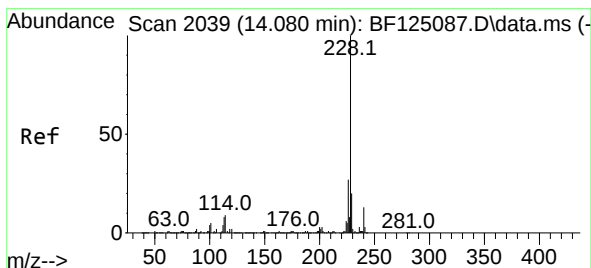
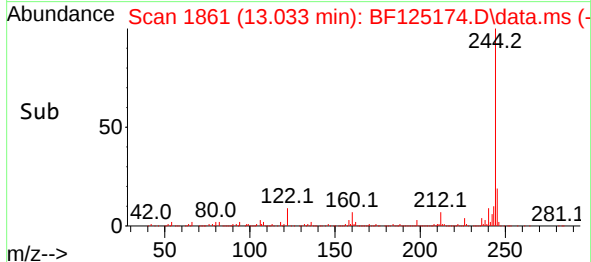
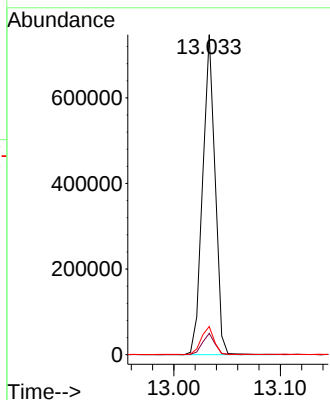
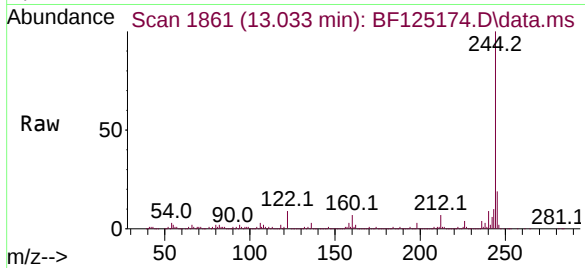




#79
 Terphenyl-d14
 Concen: 27.213 ng
 RT: 13.033 min Scan# 1861
 Delta R.T. -0.006 min
 Lab File: BF125174.D
 Acq: 24 Aug 2021 1:34

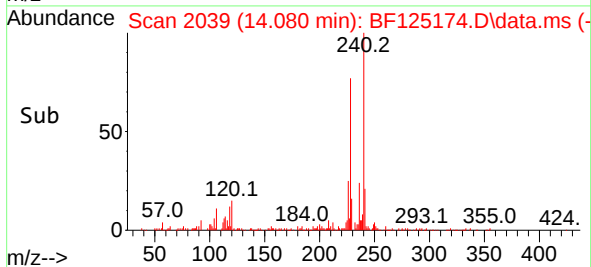
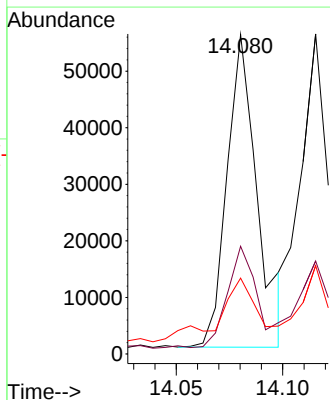
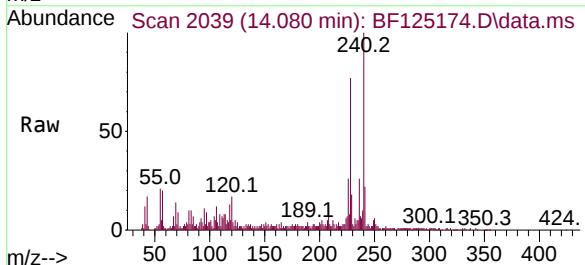
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082021

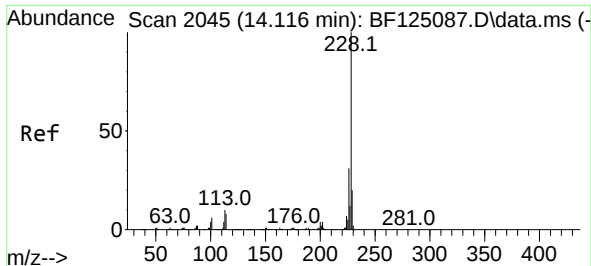
Tgt Ion:244 Resp: 608016
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 8.8 9.0 13.4#



#81
 Benzo(a)anthracene
 Concen: 2.132 ng
 RT: 14.080 min Scan# 2039
 Delta R.T. -0.006 min
 Lab File: BF125174.D
 Acq: 24 Aug 2021 1:34

Tgt Ion:228 Resp: 54678
 Ion Ratio Lower Upper
 228 100
 226 33.7 21.6 32.4#
 229 23.7 15.6 23.4#

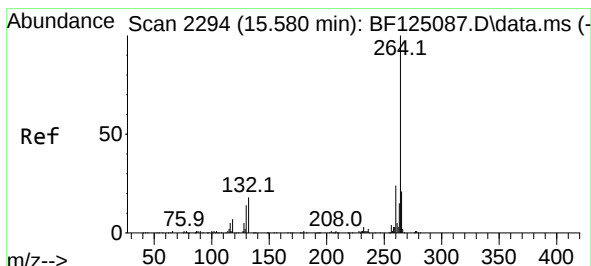
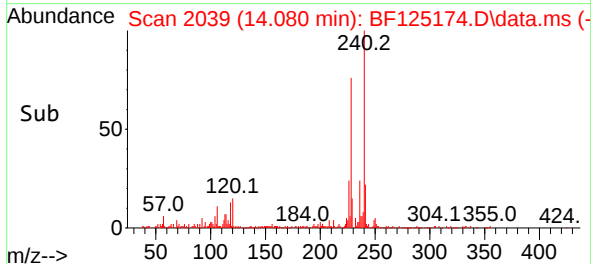
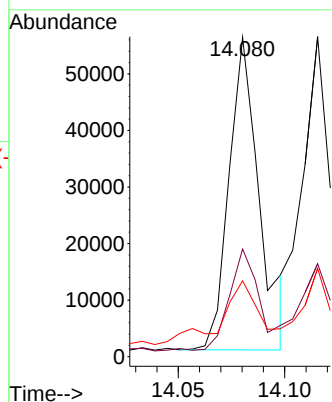
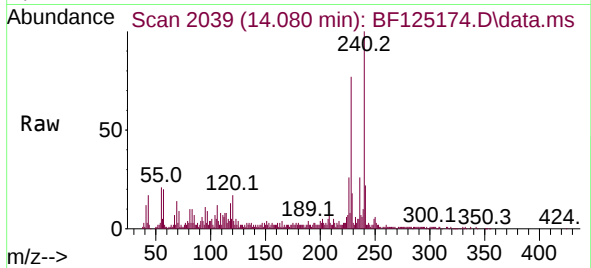




#83
Chrysene
Concen: 2.156 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.041 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

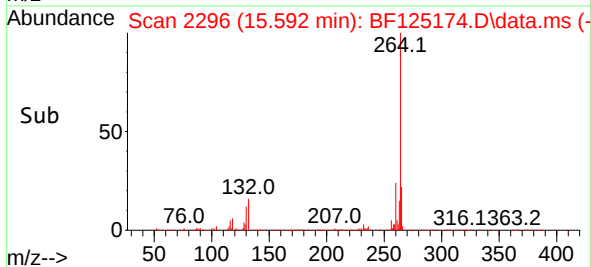
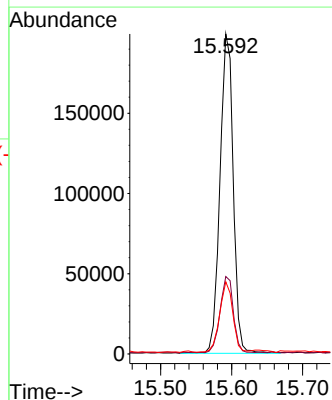
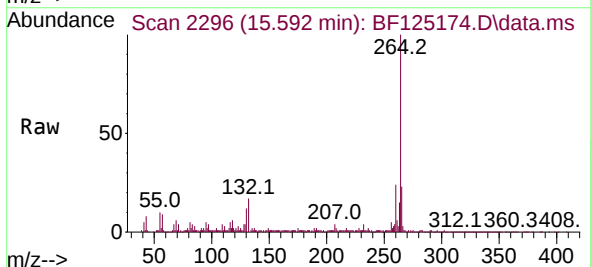
Instrument :
BNA_F
ClientSampleId :
SU-03-082021

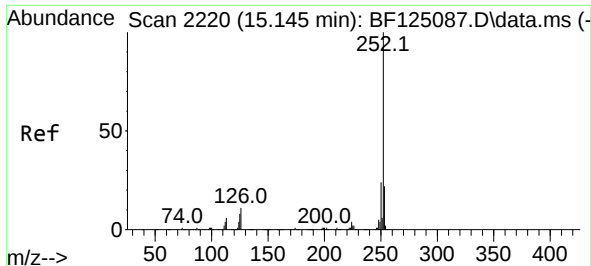
Tgt Ion:228 Resp: 54678
Ion Ratio Lower Upper
228 100
226 33.7 22.6 34.0
229 23.7 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

Tgt Ion:264 Resp: 256597
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 22.5 17.2 25.8

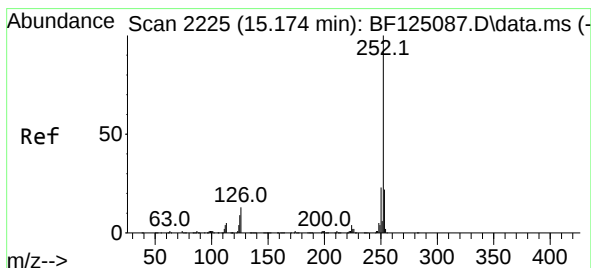
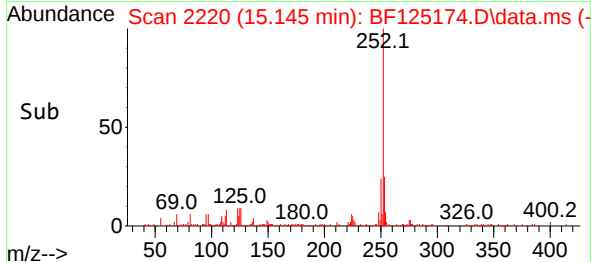
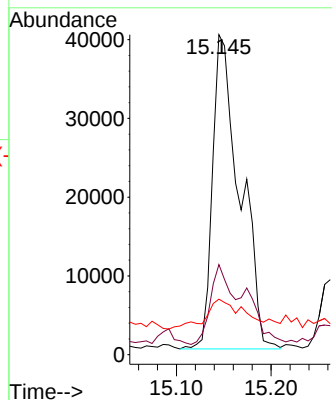
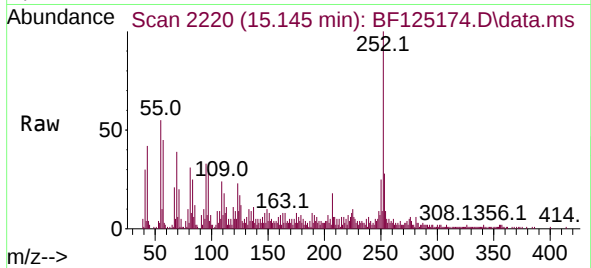




#88
Benzo(b)fluoranthene
Concen: 4.270 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.012 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

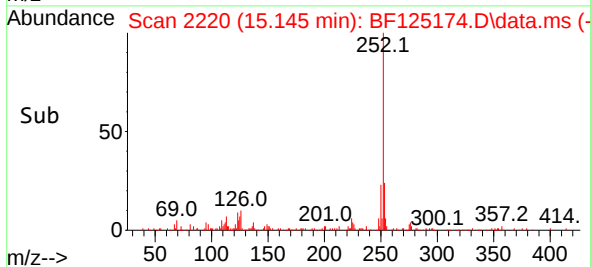
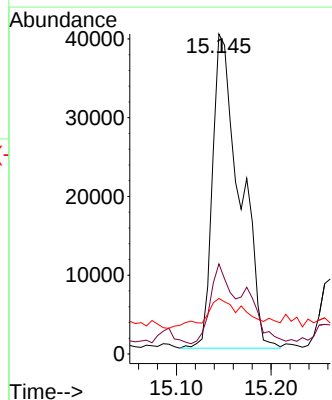
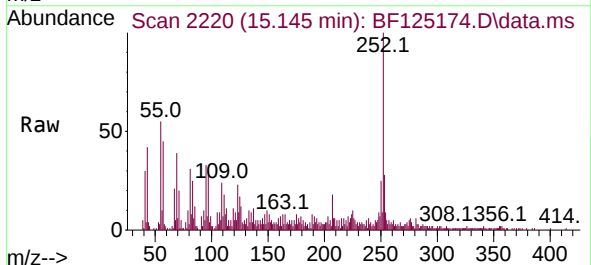
Instrument :
BNA_F
ClientSampleId :
SU-03-082021

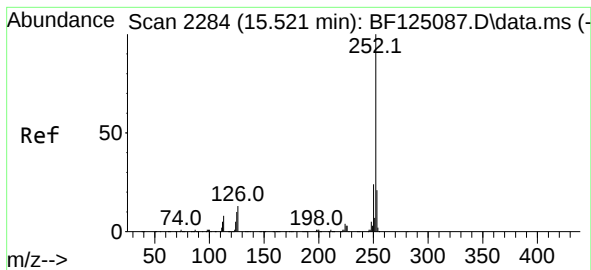
Tgt Ion:252 Resp: 80040
Ion Ratio Lower Upper
252 100
253 28.1 16.8 25.2#
125 17.4 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 4.575 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.041 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

Tgt Ion:252 Resp: 80040
Ion Ratio Lower Upper
252 100
253 28.1 17.8 26.8#
125 17.4 7.2 10.8#





#90

Benzo(a)pyrene

Concen: 2.649 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.012 min

Lab File: BF125174.D

Acq: 24 Aug 2021 1:34

Instrument :

BNA_F

ClientSampleId :

SU-03-082021

Tgt Ion:252 Resp: 43868

Ion Ratio Lower Upper

252 100

253 25.3 18.4 27.6

125 19.7 9.9 14.9#

