

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
 Data File : BF125164.D
 Acq On : 23 Aug 2021 20:13
 Operator : JU/CG
 Sample : M3467-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-9-(322.00)

Quant Time: Aug 24 04:48:30 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)

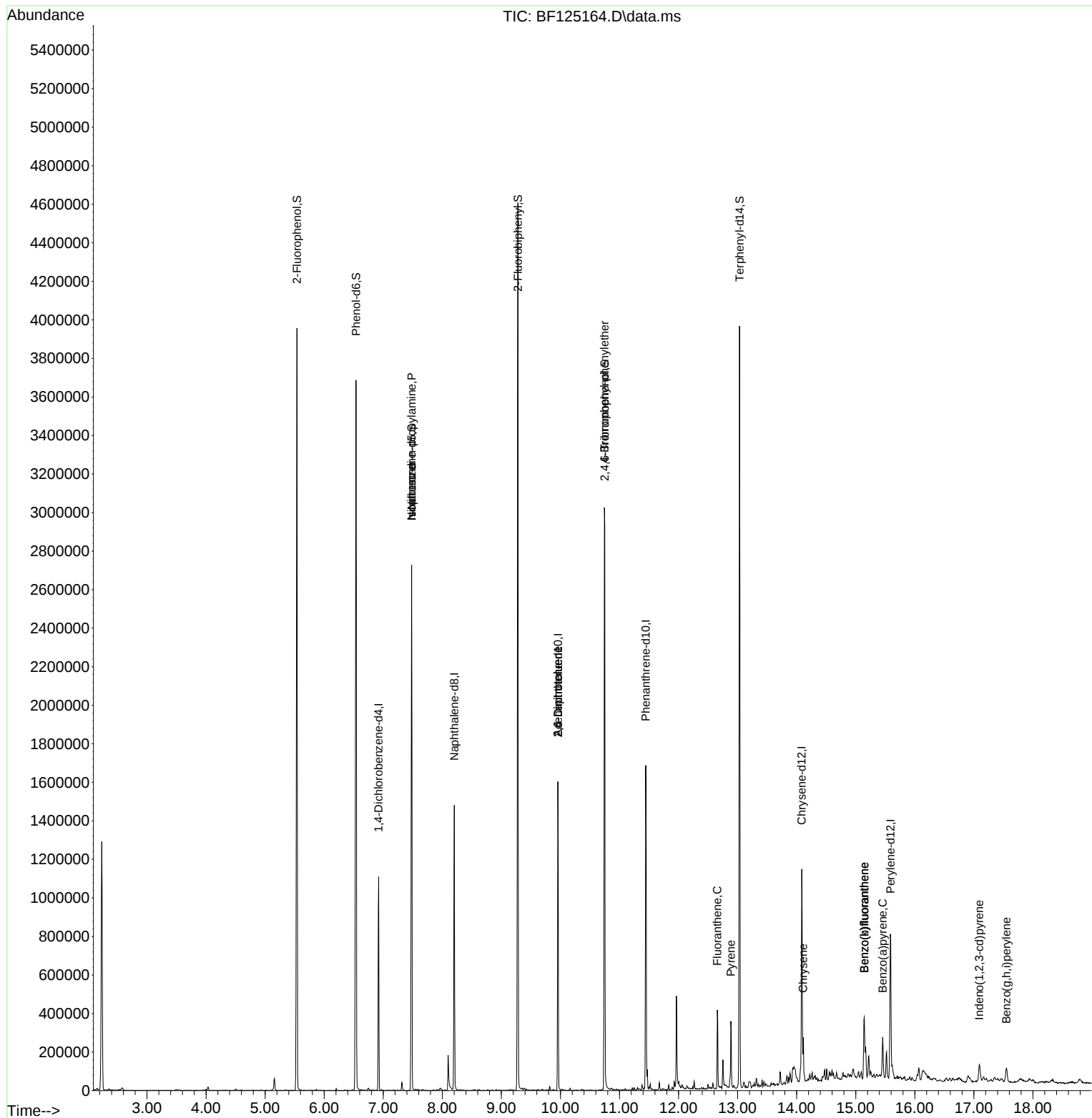
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	152827	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	587483	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	321208	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	598332	20.000	ng	0.00
76) Chrysene-d12	14.086	240	360334	20.000	ng	#-0.01
86) Perylene-d12	15.592	264	365356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	1005824	99.617	ng	0.00
7) Phenol-d6	6.539	99	1285575	98.447	ng	0.00
23) Nitrobenzene-d5	7.481	82	863289	73.979	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	396973	123.808	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1388771	60.259	ng	0.00
79) Terphenyl-d14	13.033	244	1352185	59.782	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	118761	15.120	ng	# 60
25) Isophorone	7.481	82	863273	38.348	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	40113	8.311	ng	# 27
57) 2,4-Dinitrotoluene	9.957	165	40113	6.867	ng	# 19
67) 4-Bromophenyl-phenylether	10.745	248	25312	3.523	ng	# 1
75) Fluoranthene	12.657	202	159664	4.881	ng	98
78) Pyrene	12.886	202	142569	4.612	ng	97
83) Chrysene	14.110	228	107535	4.188	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	65913	2.504	ng	# 88
88) Benzo(b)fluoranthene	15.145	252	232195	8.699	ng	# 95
89) Benzo(k)fluoranthene	15.145	252	232195	9.322	ng	98
90) Benzo(a)pyrene	15.456	252	100443	4.260	ng	99
92) Benzo(g,h,i)perylene	17.550	276	59330	2.704	ng	# 88

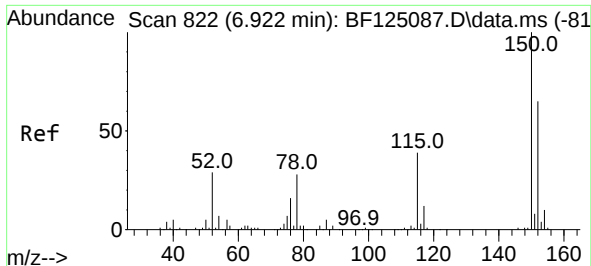
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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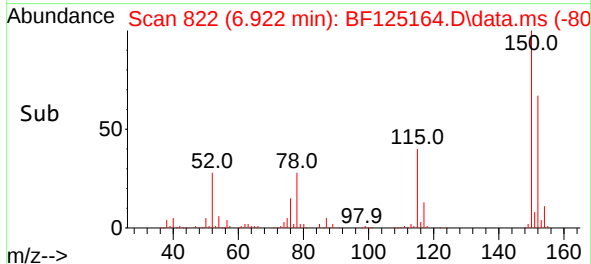
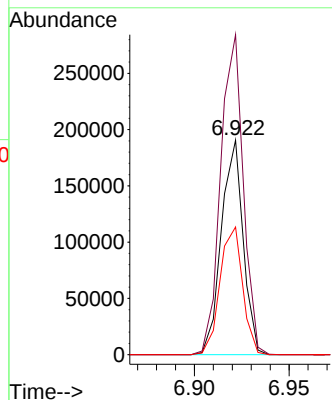
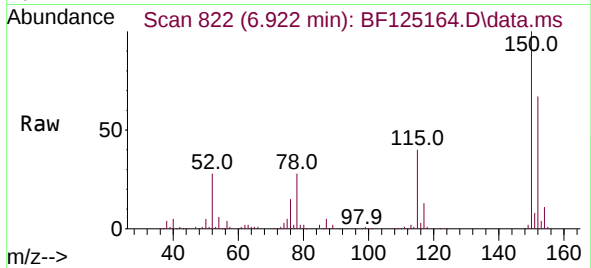




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

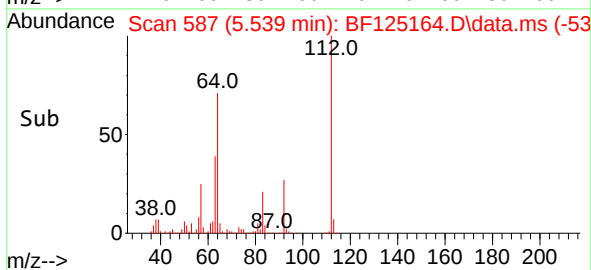
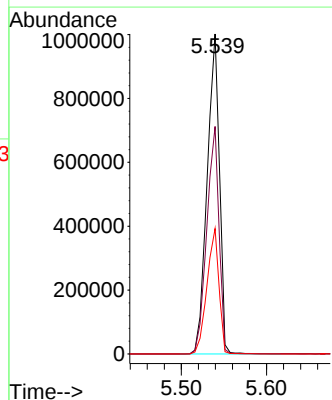
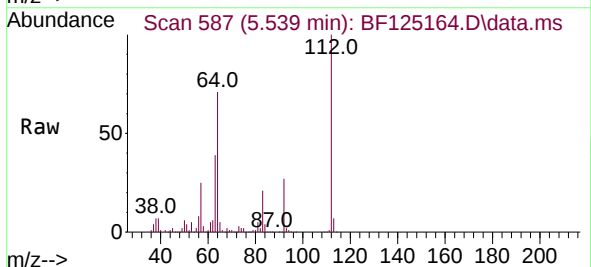
Instrument :
BNA_F
ClientSampleId :
SAMPLE-9-(322.00)

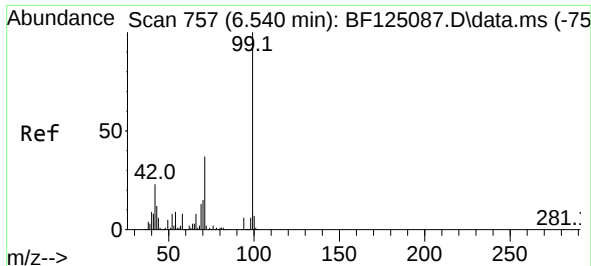
Tgt Ion:152 Resp: 152827
Ion Ratio Lower Upper
152 100
150 149.1 117.6 176.4
115 59.5 47.1 70.7



#5
2-Fluorophenol
Concen: 99.617 ng
RT: 5.539 min Scan# 587
Delta R.T. 0.000 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

Tgt Ion:112 Resp: 1005824
Ion Ratio Lower Upper
112 100
64 71.1 44.2 66.2#
63 39.2 26.2 39.2

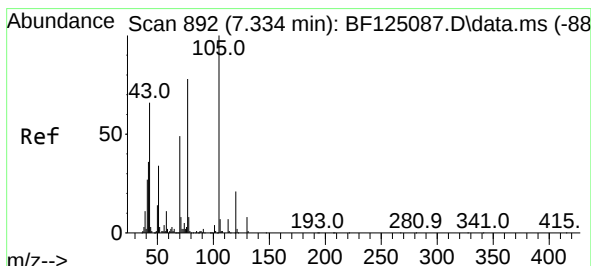
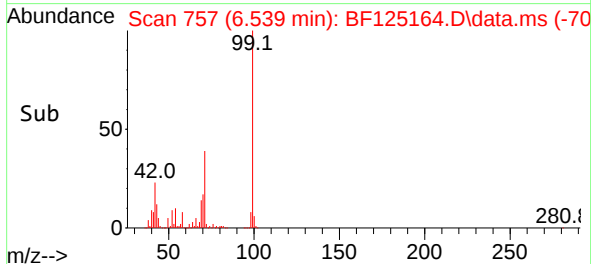
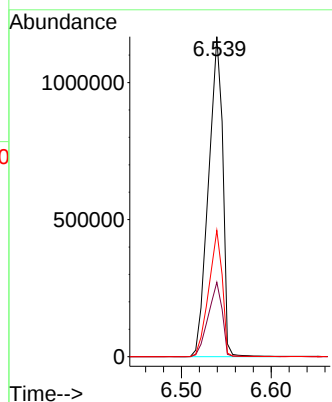
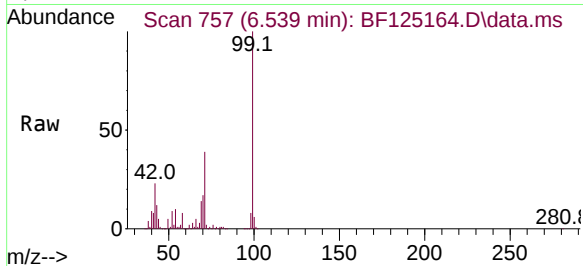




#7
Phenol-d6
Concen: 98.447 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

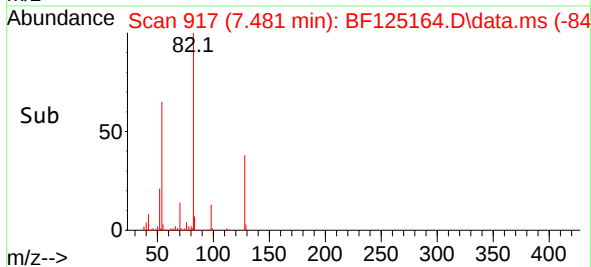
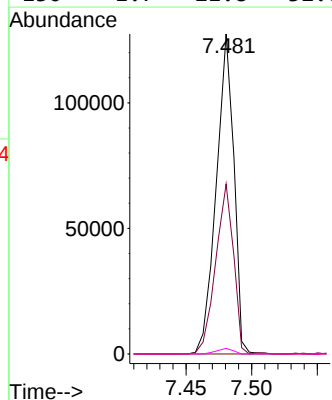
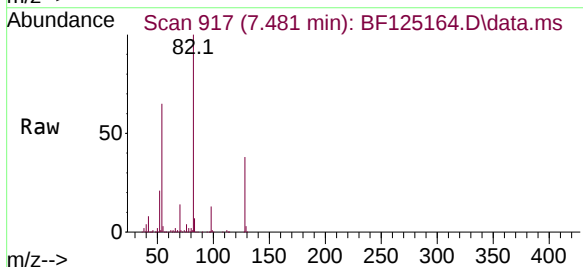
Instrument :
BNA_F
ClientSampleId :
SAMPLE-9-(322.00)

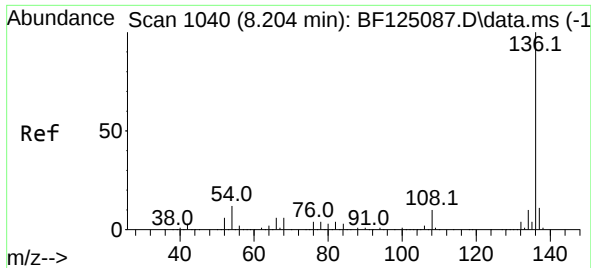
Tgt Ion: 99 Resp: 1285575
Ion Ratio Lower Upper
99 100
42 23.3 23.5 35.3#
71 39.5 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 15.120 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.141 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

Tgt Ion: 70 Resp: 118761
Ion Ratio Lower Upper
70 100
42 53.1 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

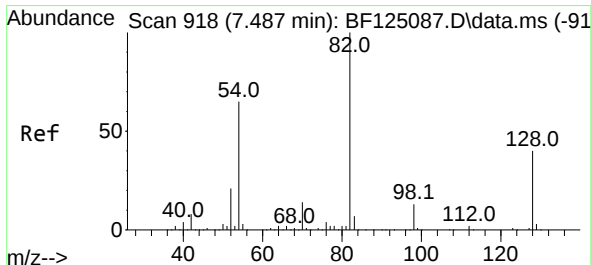
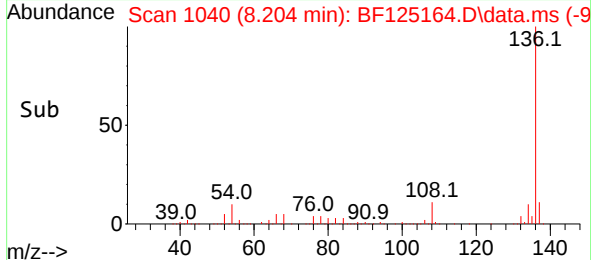
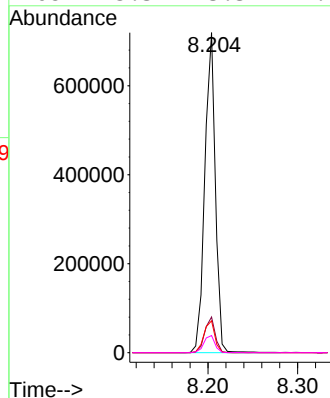
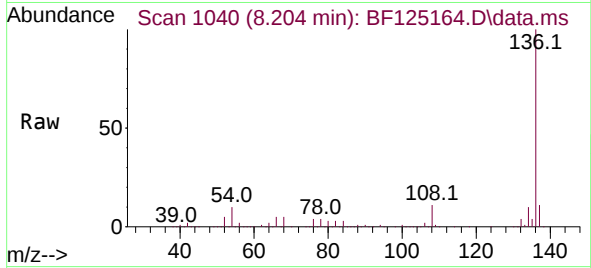




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

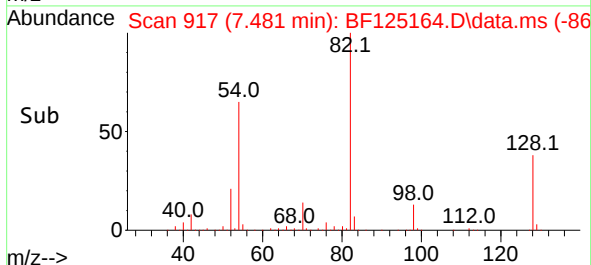
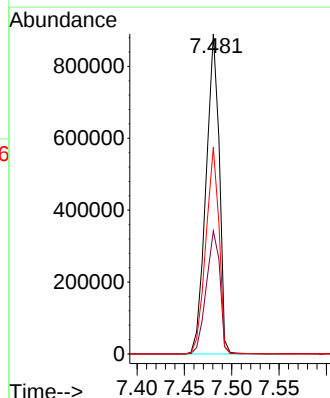
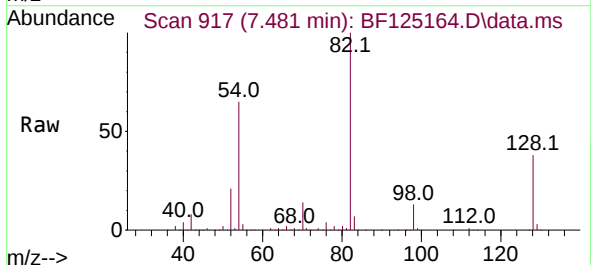
Instrument :
BNA_F
ClientSampleId :
SAMPLE-9-(322.00)

Tgt Ion:136	Resp: 587483
Ion Ratio	Lower Upper
136 100	
137 11.1	9.8 14.6
54 9.9	6.4 9.6#
68 5.3	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 73.979 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

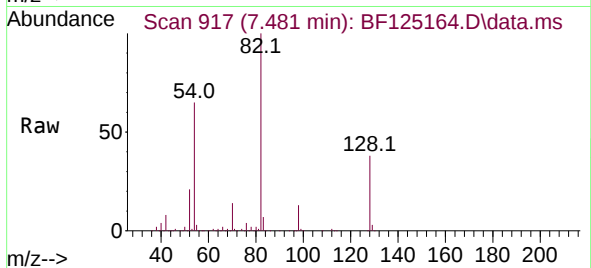
Tgt Ion: 82	Resp: 863289
Ion Ratio	Lower Upper
82 100	
128 38.4	40.6 60.8#
54 64.6	49.6 74.4



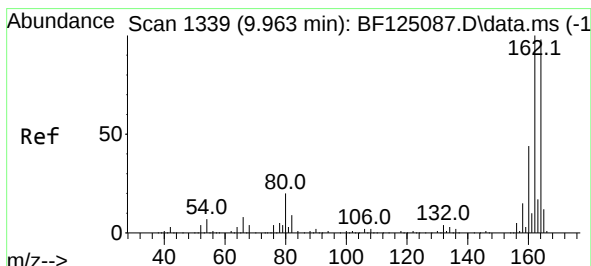
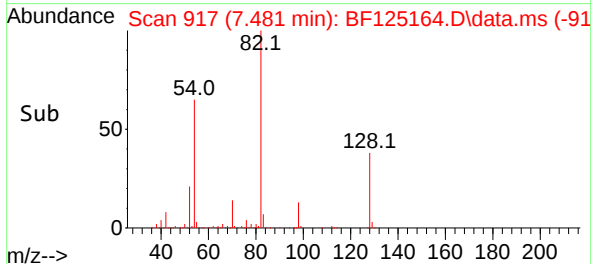
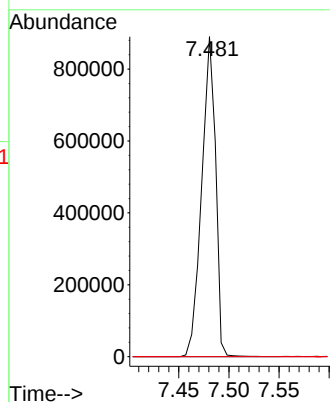


#25
Isophorone
Concen: 38.348 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

Instrument :
BNA_F
ClientSampleId :
SAMPLE-9-(322.00)

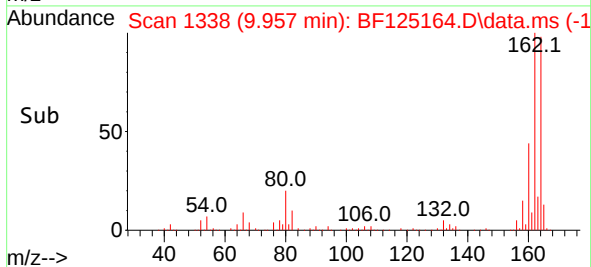
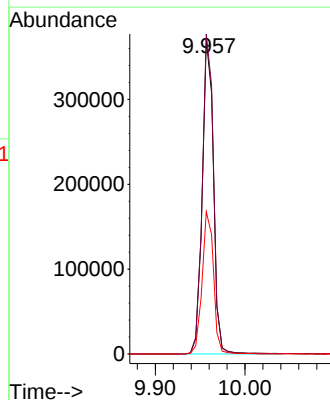
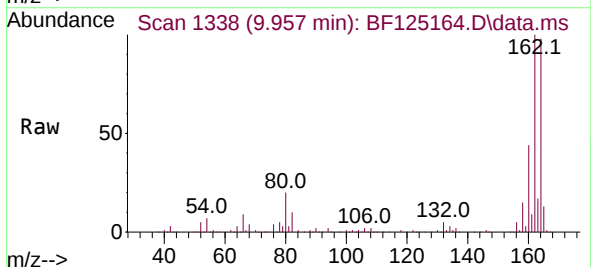


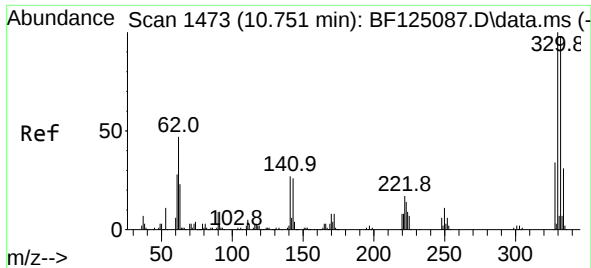
Tgt Ion: 82 Resp: 863273
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

Tgt Ion: 164 Resp: 321208
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 45.3 38.0 57.0

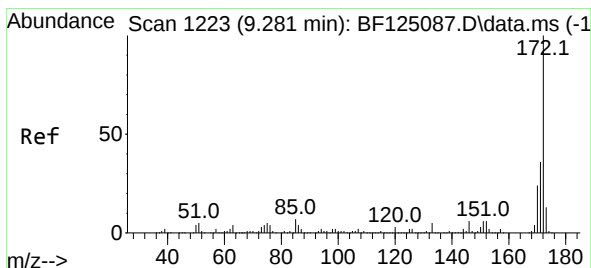
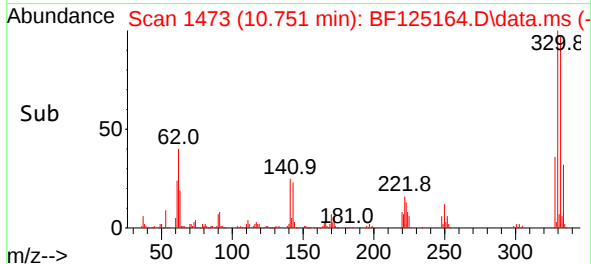
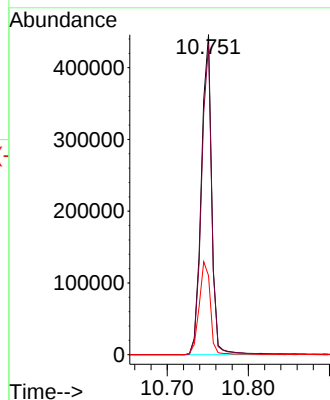
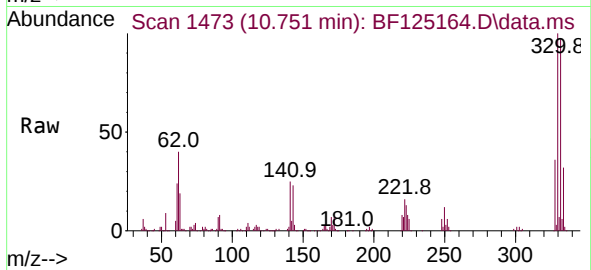




#42
2,4,6-Tribromophenol
Concen: 123.808 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

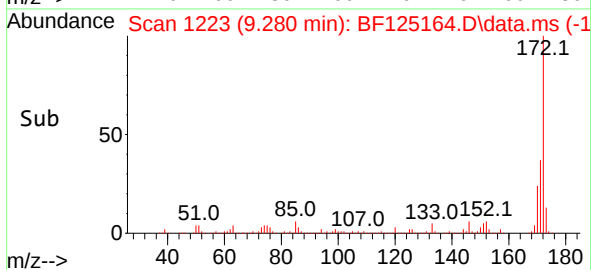
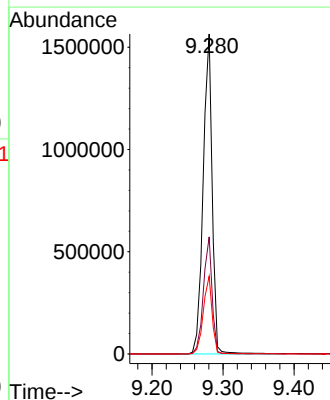
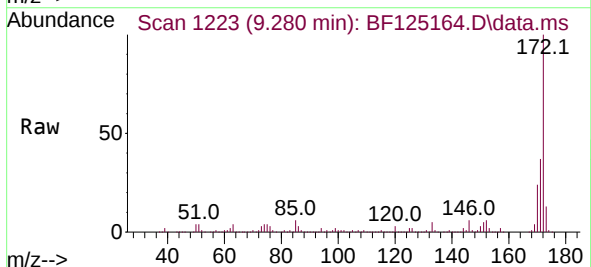
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ClientSampleId :
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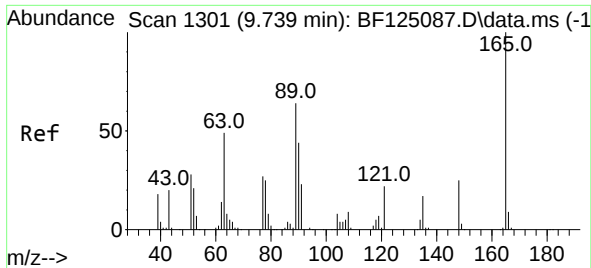
Tgt Ion: 330 Resp: 396973
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 31.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 60.259 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

Tgt Ion: 172 Resp: 1388771
Ion Ratio Lower Upper
172 100
171 36.6 26.5 39.7
170 24.3 18.8 28.2

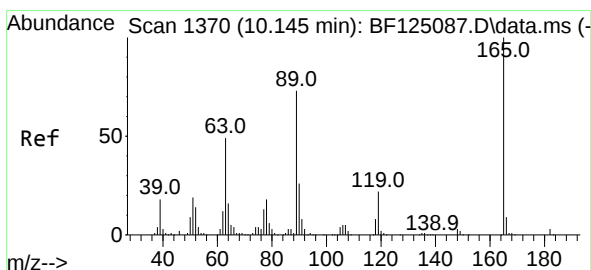
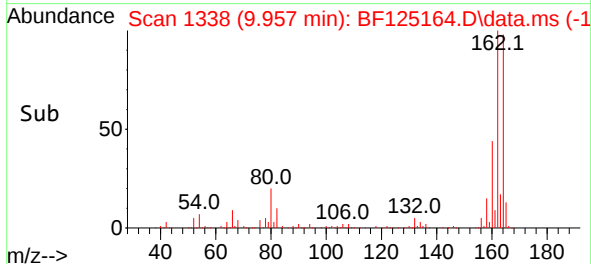
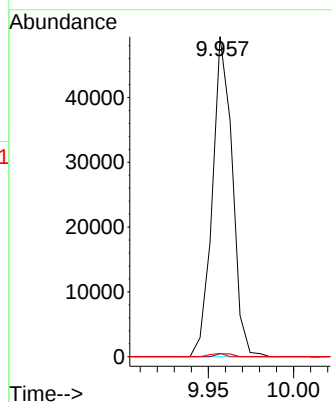
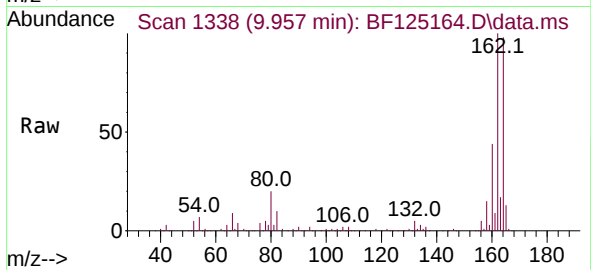




#51
2,6-Dinitrotoluene
Concen: 8.311 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

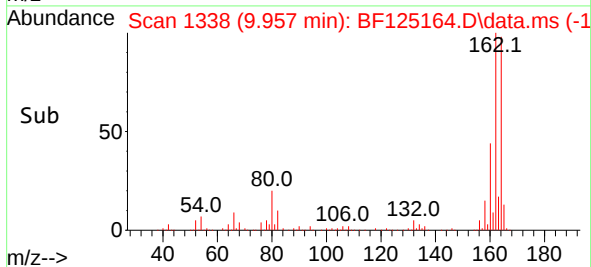
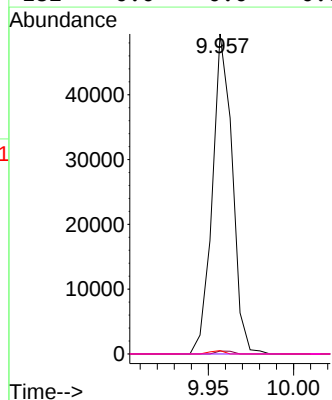
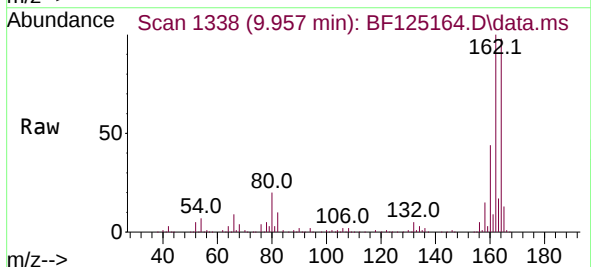
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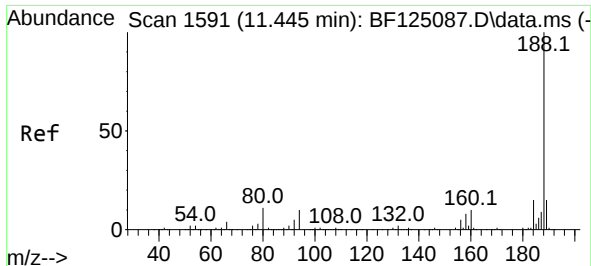
Tgt Ion:165 Resp: 40113
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.867 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.194 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

Tgt Ion:165 Resp: 40113
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

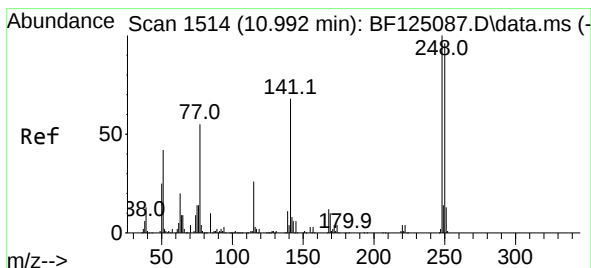
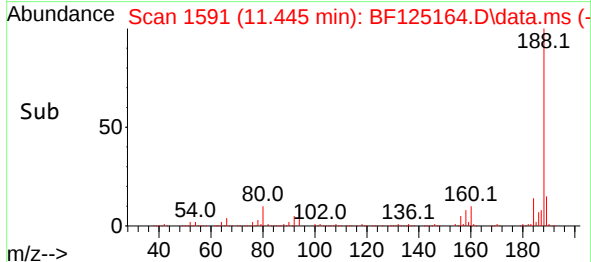
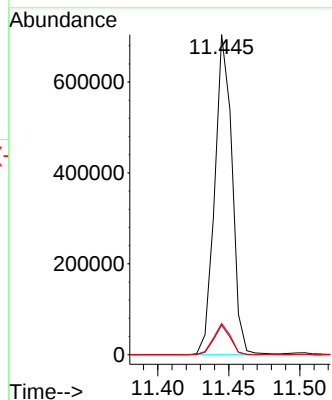
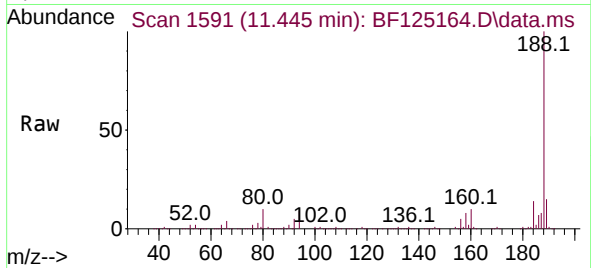




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

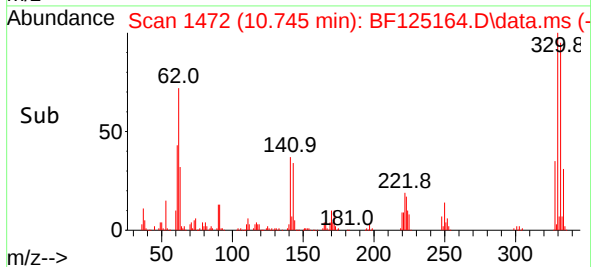
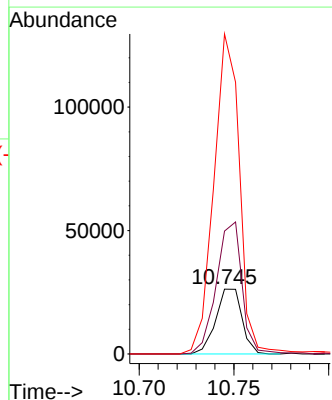
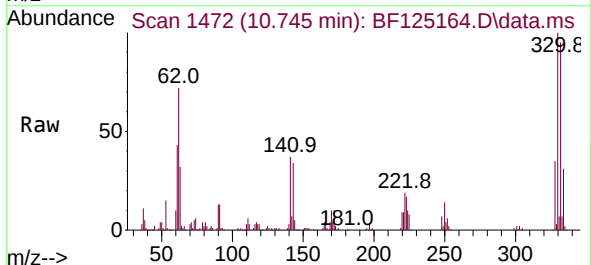
Instrument :
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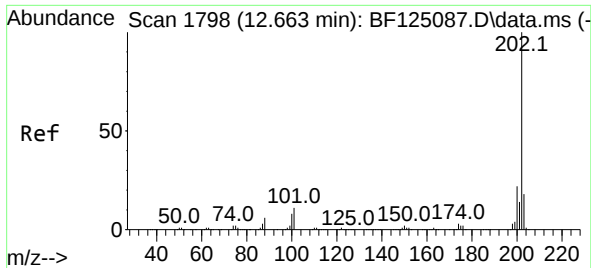
Tgt Ion:188 Resp: 598332
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.523 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

Tgt Ion:248 Resp: 25312
Ion Ratio Lower Upper
248 100
250 189.7 74.2 111.4#
141 494.2 60.4 90.6#

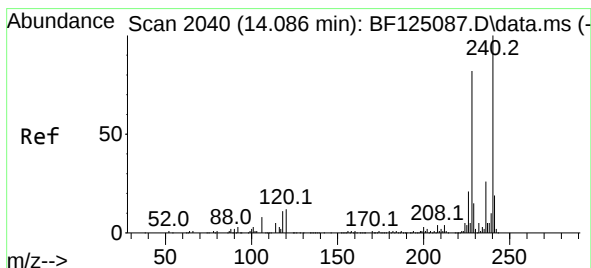
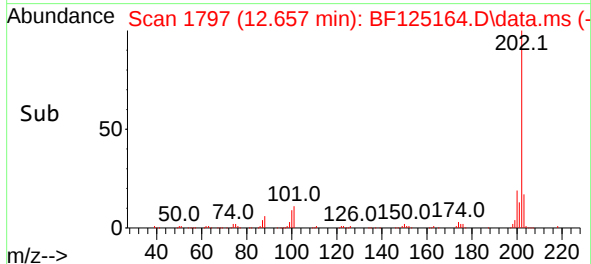
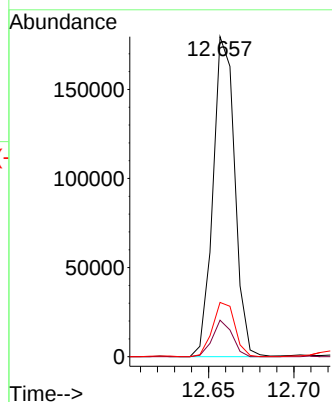
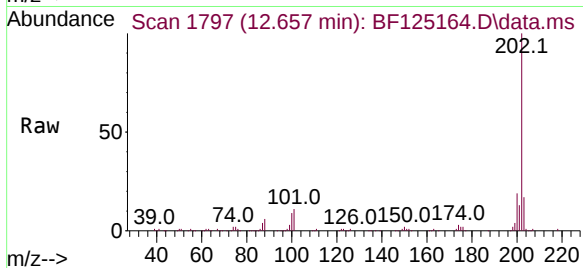




#75
Fluoranthene
Concen: 4.881 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.012 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

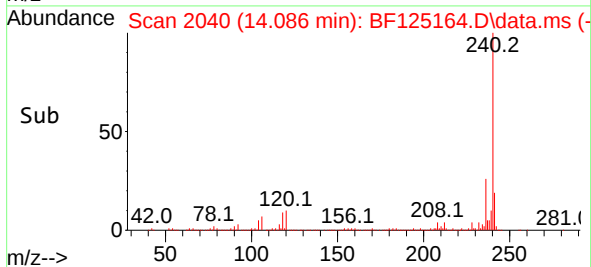
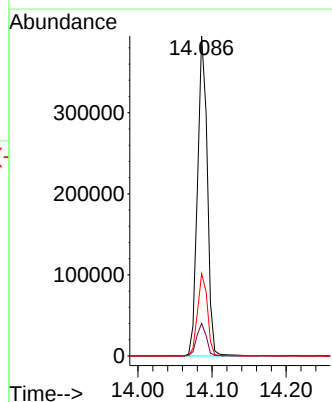
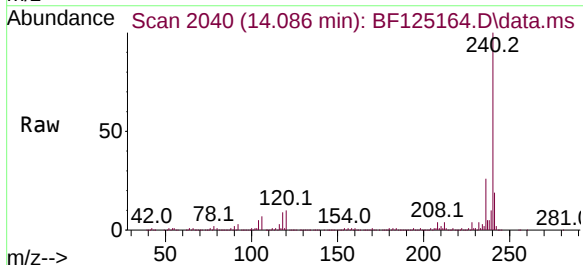
Instrument :
BNA_F
ClientSampleId :
SAMPLE-9-(322.00)

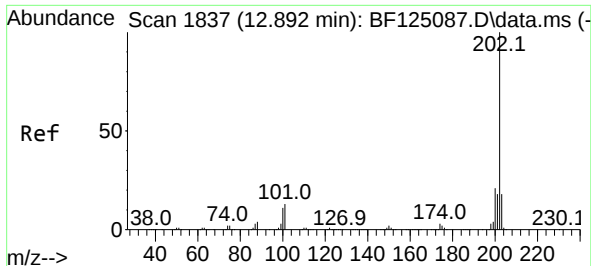
Tgt Ion:202 Resp: 159664
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.7
203 16.9 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

Tgt Ion:240 Resp: 360334
Ion Ratio Lower Upper
240 100
120 10.2 10.8 16.2#
236 25.7 21.6 32.4

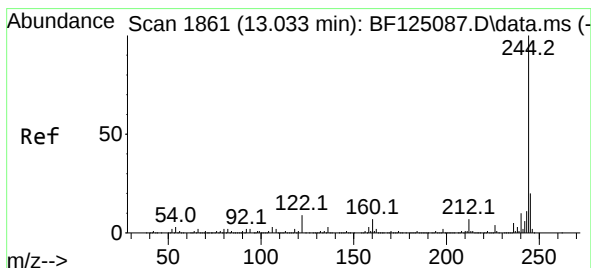
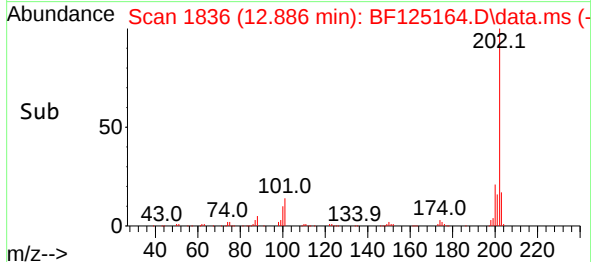
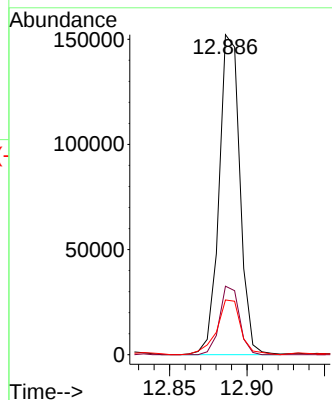
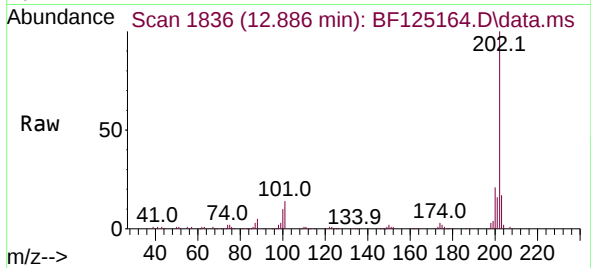




#78
Pyrene
Concen: 4.612 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

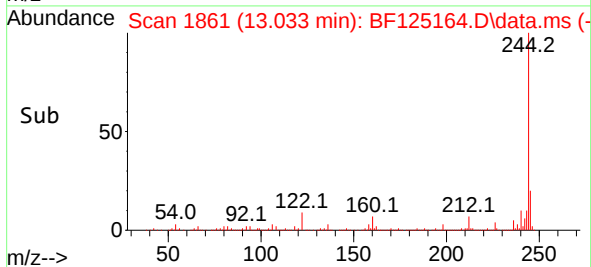
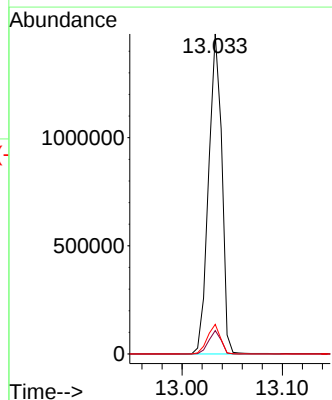
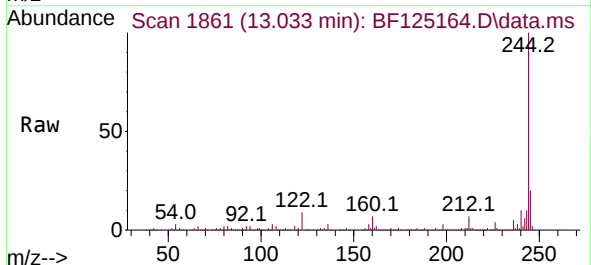
Instrument :
BNA_F
ClientSampleId :
SAMPLE-9-(322.00)

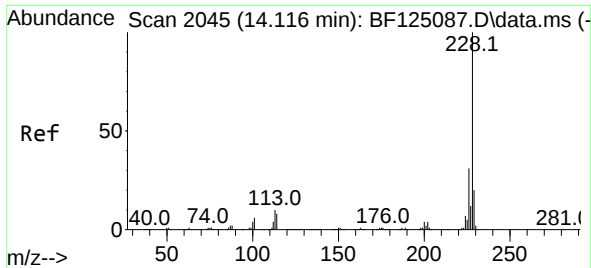
Tgt Ion:202 Resp: 142569
Ion Ratio Lower Upper
202 100
200 21.4 15.3 22.9
203 17.1 13.4 20.0



#79
Terphenyl-d14
Concen: 59.782 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

Tgt Ion:244 Resp: 1352185
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 9.2 9.0 13.4

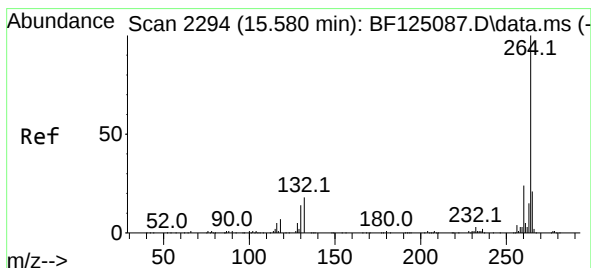
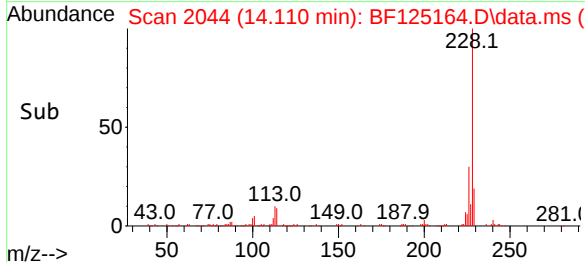
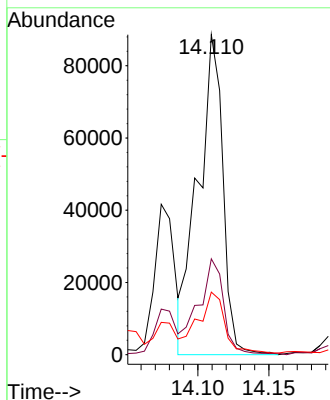
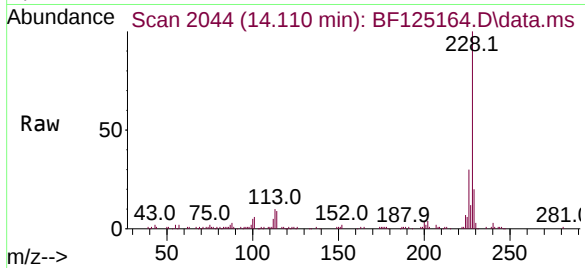




#83
Chrysene
Concen: 4.188 ng
RT: 14.110 min Scan# 2044
Delta R.T. -0.012 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

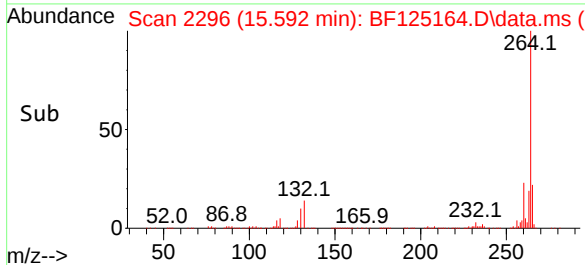
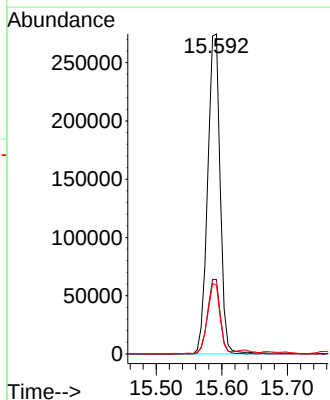
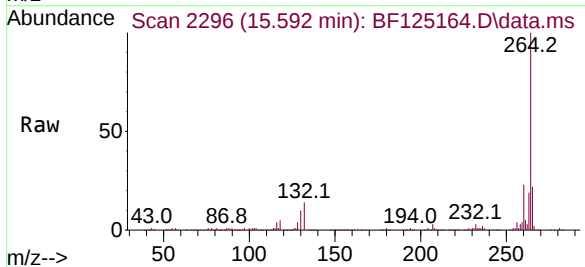
Instrument :
BNA_F
ClientSampleId :
SAMPLE-9-(322.00)

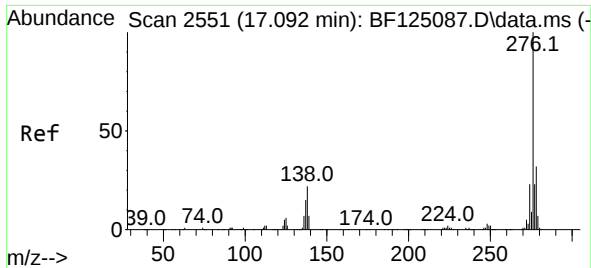
Tgt Ion:228	Resp: 107535
Ion Ratio	Lower Upper
228	100
226	29.9 22.6 34.0
229	19.6 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

Tgt Ion:264	Resp: 365356
Ion Ratio	Lower Upper
264	100
260	23.3 19.6 29.4
265	21.5 17.2 25.8

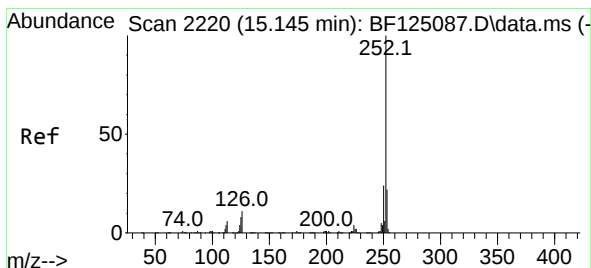
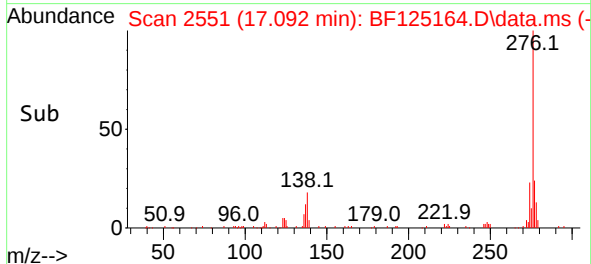
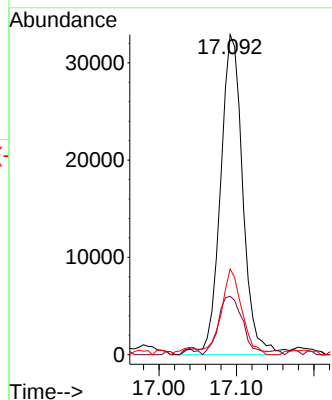
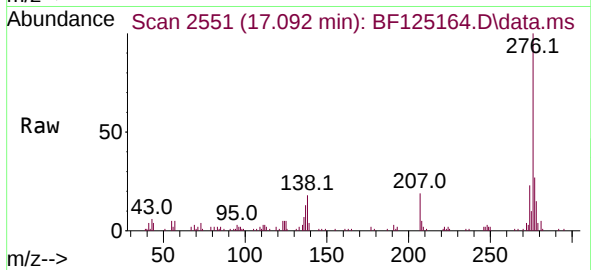




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.504 ng
RT: 17.092 min Scan# 2551
Delta R.T. -0.029 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

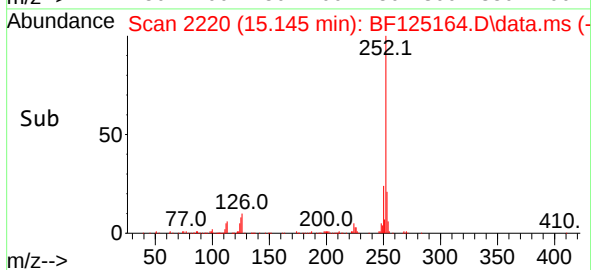
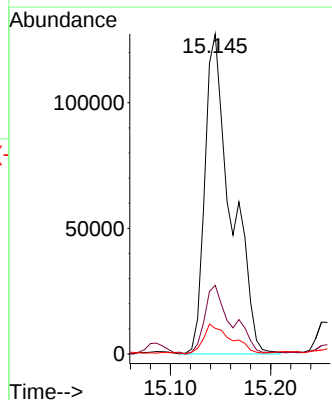
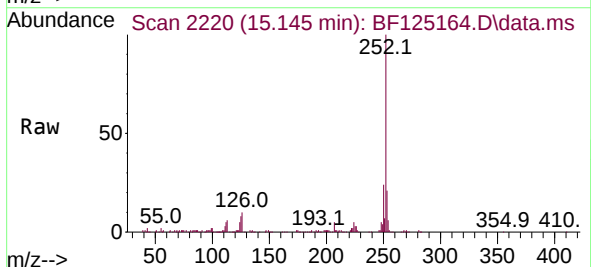
Instrument :
BNA_F
ClientSampleId :
SAMPLE-9-(322.00)

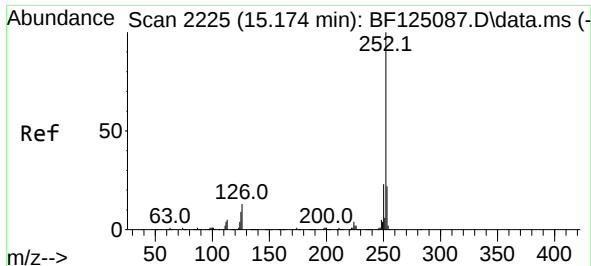
Tgt Ion:276 Resp: 65913
Ion Ratio Lower Upper
276 100
138 19.9 24.1 36.1#
277 24.9 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 8.699 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.012 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

Tgt Ion:252 Resp: 232195
Ion Ratio Lower Upper
252 100
253 21.5 16.8 25.2
125 8.0 9.8 14.8#

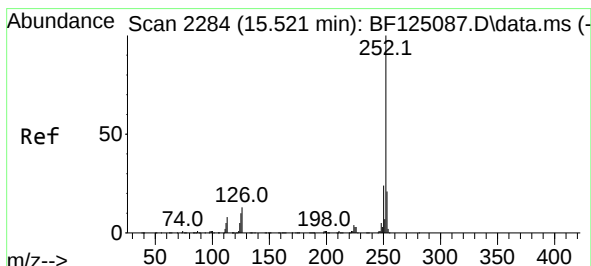
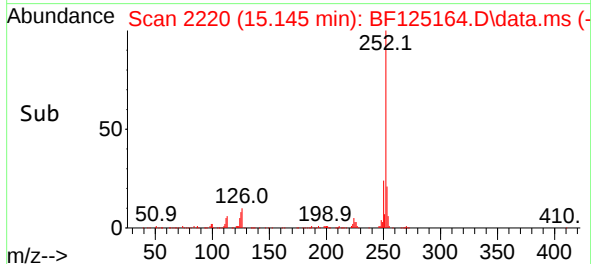
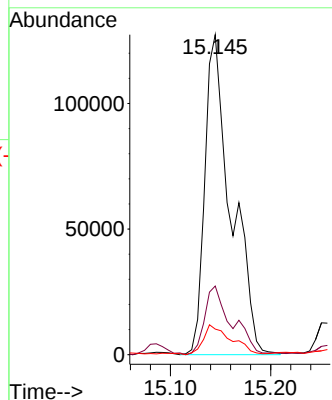
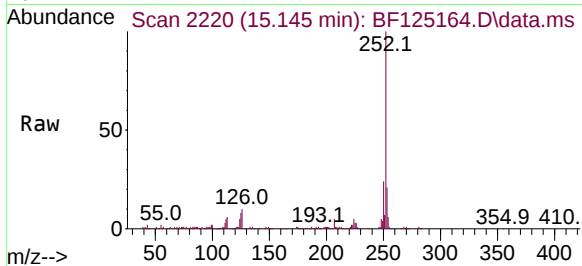




#89
Benzo(k)fluoranthene
Concen: 9.322 ng
RT: 15.145 min Scan# 2220
Delta R.T. -0.041 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

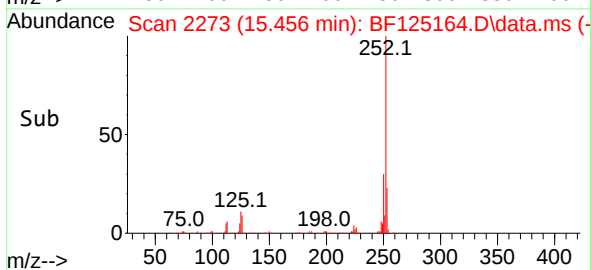
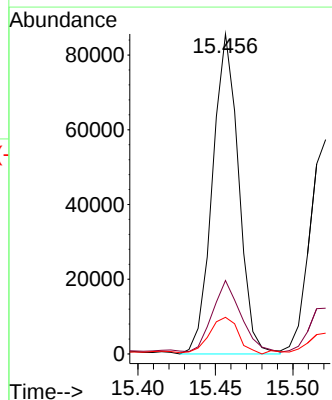
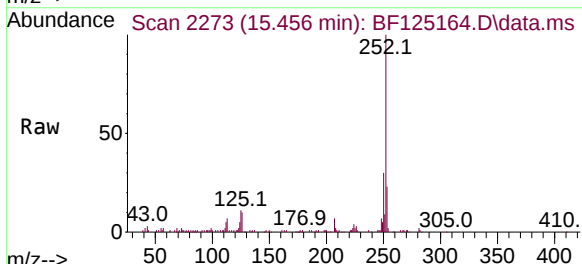
Instrument :
BNA_F
ClientSampleId :
SAMPLE-9-(322.00)

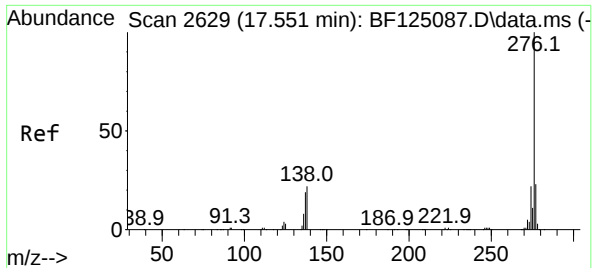
Tgt Ion:252 Resp: 232195
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 8.0 7.2 10.8



#90
Benzo(a)pyrene
Concen: 4.260 ng
RT: 15.456 min Scan# 2273
Delta R.T. -0.076 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

Tgt Ion:252 Resp: 100443
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 11.5 9.9 14.9





#92
Benzo(g,h,i)perylene
Concen: 2.704 ng
RT: 17.550 min Scan# 2629
Delta R.T. -0.035 min
Lab File: BF125164.D
Acq: 23 Aug 2021 20:13

Instrument :
BNA_F
ClientSampleId :
SAMPLE-9-(322.00)

Tgt Ion:276 Resp: 59330
Ion Ratio Lower Upper
276 100
277 24.0 22.0 33.0
138 19.2 22.2 33.4#

