

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
 Data File : BF125219.D
 Acq On : 25 Aug 2021 20:22
 Operator : JU/CG
 Sample : M3467-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-11-(647.00)

Quant Time: Aug 26 01:36:46 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)

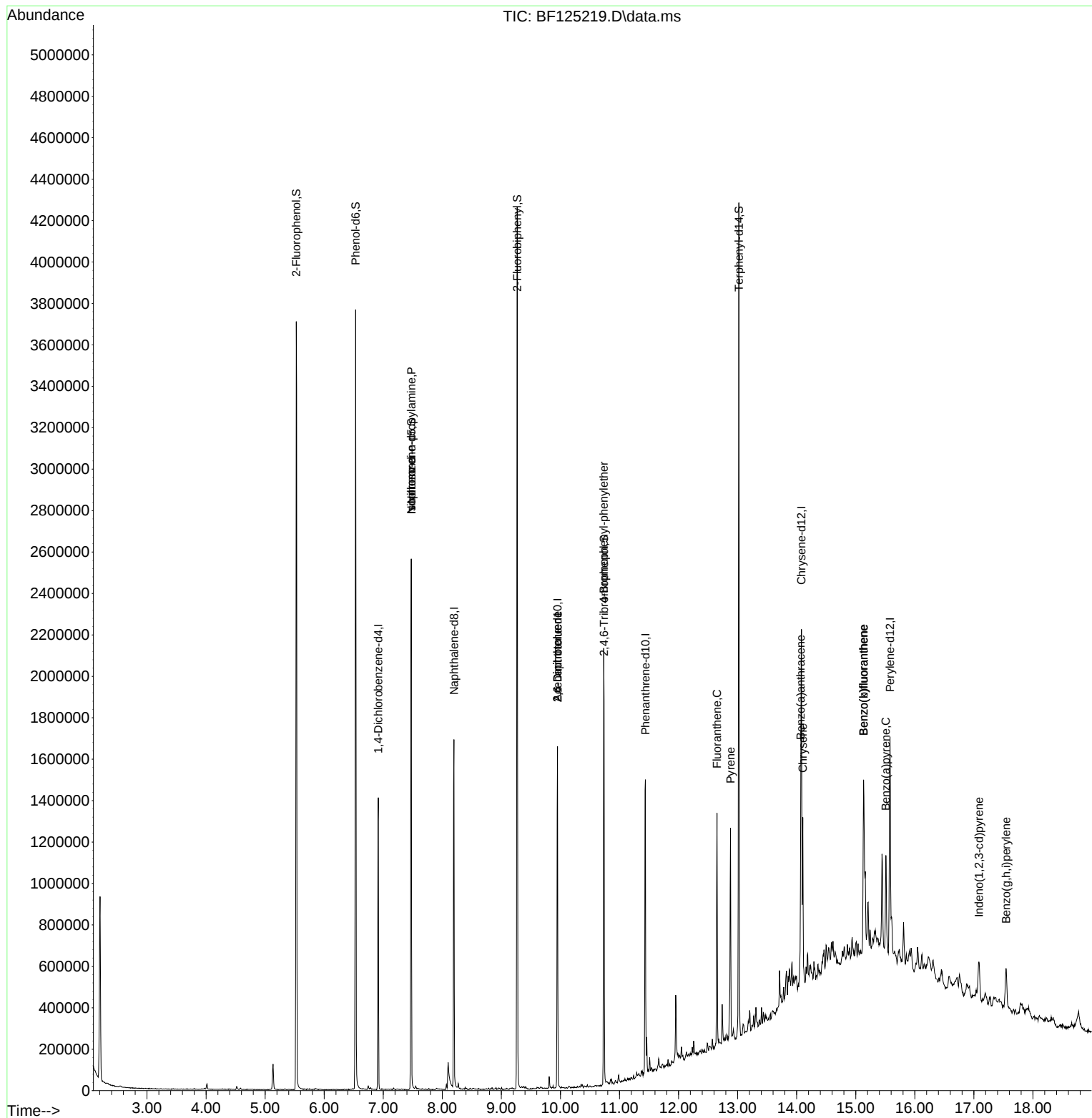
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	201826	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	718329	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	320303	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	541724	20.000	ng	0.00
76) Chrysene-d12	14.080	240	529598	20.000	ng	0.00
86) Perylene-d12	15.580	264	497978	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	995700	74.673	ng	0.00
7) Phenol-d6	6.534	99	1177875	68.301	ng	0.00
23) Nitrobenzene-d5	7.475	82	751321	52.656	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	253410	79.257	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1225227	53.313	ng	0.00
79) Terphenyl-d14	13.021	244	1343419	40.412	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	99877	9.629	ng	# 58
25) Isophorone	7.475	82	751432	27.299	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	41567	8.636	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	41567	7.136	ng	# 20
67) 4-Bromophenyl-phenylether	10.733	248	15752	2.421	ng	# 1
75) Fluoranthene	12.651	202	405197	13.681	ng	97
78) Pyrene	12.880	202	396150	8.720	ng	96
81) Benzo(a)anthracene	14.068	228	221465	5.804	ng	95
83) Chrysene	14.104	228	314148	8.325	ng	96
87) Indeno(1,2,3-cd)pyrene	17.086	276	137989	3.846	ng	# 92
88) Benzo(b)fluoranthene	15.133	252	601153	16.524	ng	95
89) Benzo(k)fluoranthene	15.133	252	601153	17.707	ng	# 96
90) Benzo(a)pyrene	15.509	252	237061	7.377	ng	99
92) Benzo(g,h,i)perylene	17.545	276	166044	5.553	ng	92

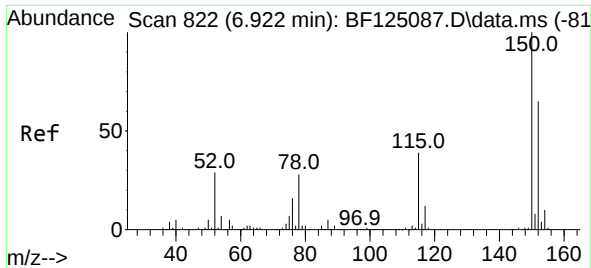
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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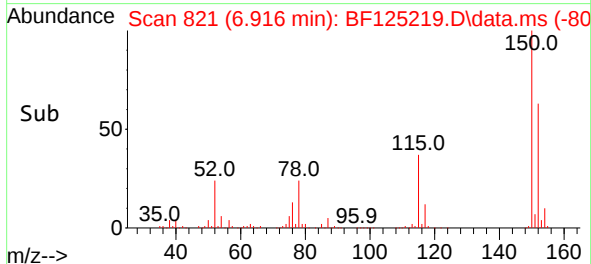
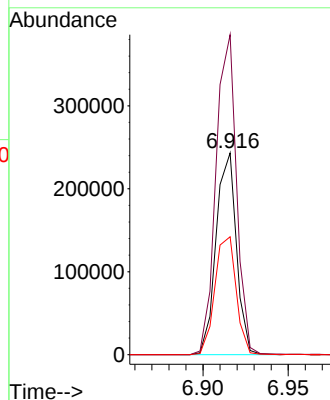
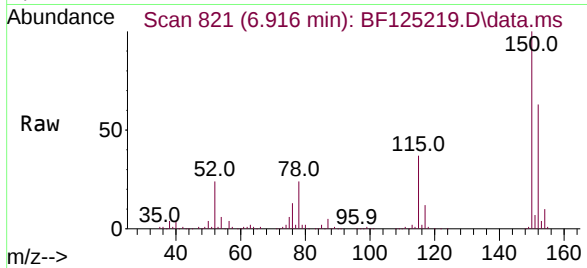




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

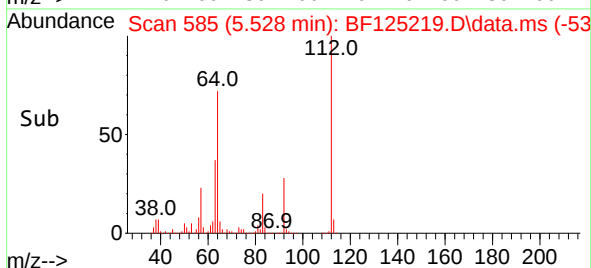
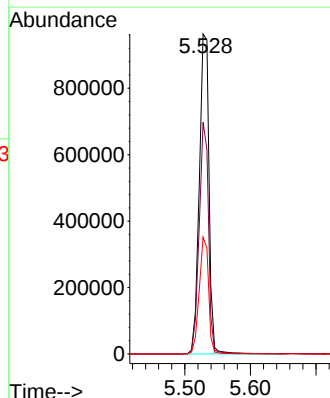
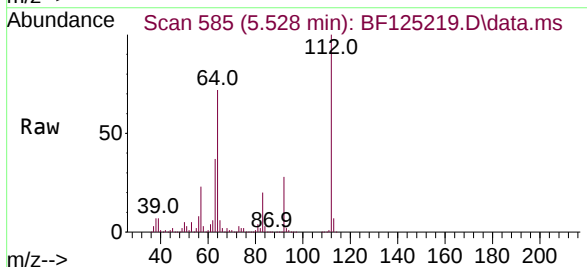
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SAMPLE-11-(647.00)

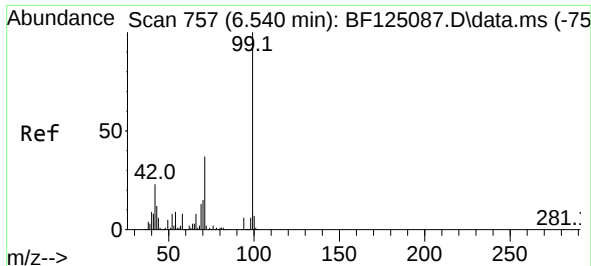
Tgt Ion:152 Resp: 201826
Ion Ratio Lower Upper
152 100
150 158.6 117.6 176.4
115 58.4 47.1 70.7



#5
2-Fluorophenol
Concen: 74.673 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

Tgt Ion:112 Resp: 995700
Ion Ratio Lower Upper
112 100
64 72.4 44.2 66.2#
63 36.5 26.2 39.2

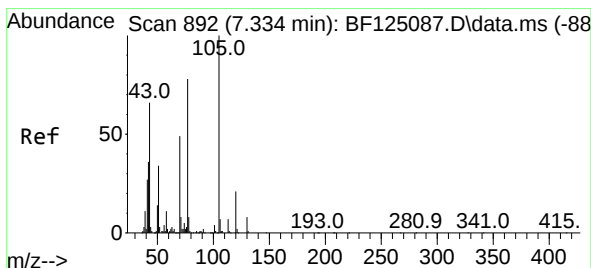
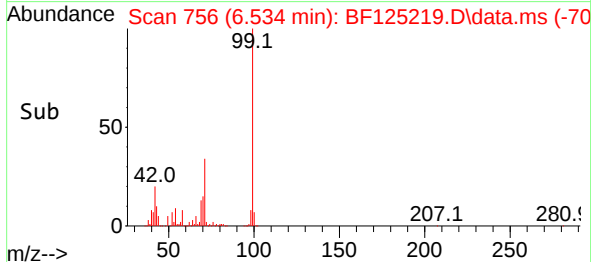
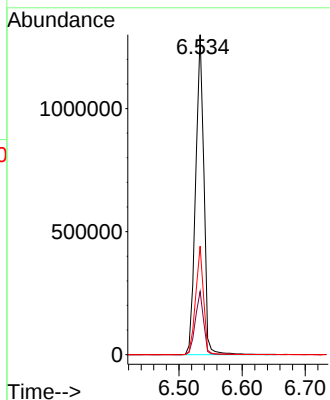
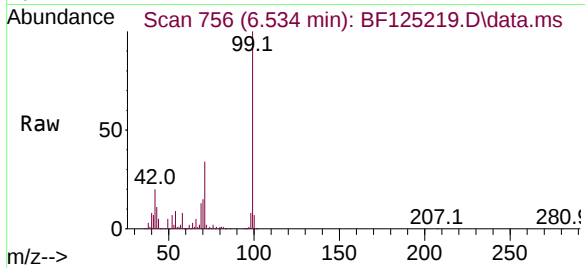




#7
Phenol-d6
Concen: 68.301 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

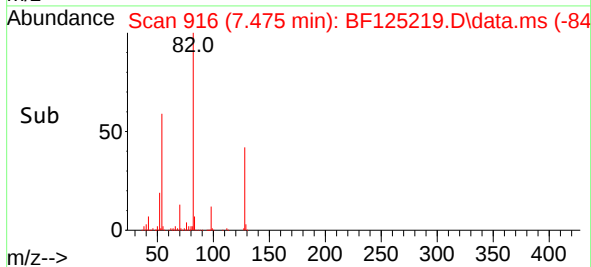
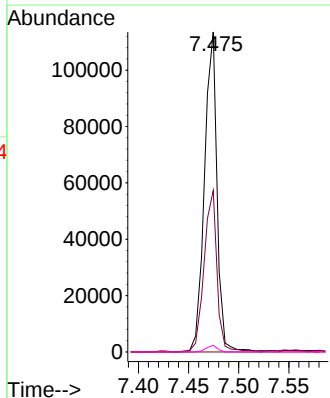
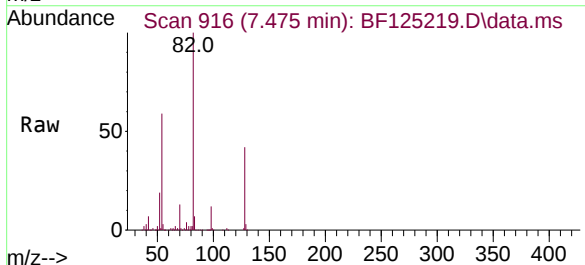
Instrument :
BNA_F
ClientSampleId :
SAMPLE-11-(647.00)

Tgt Ion: 99 Resp: 1177875
Ion Ratio Lower Upper
99 100
42 19.8 23.5 35.3#
71 33.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.629 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

Tgt Ion: 70 Resp: 99877
Ion Ratio Lower Upper
70 100
42 50.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#

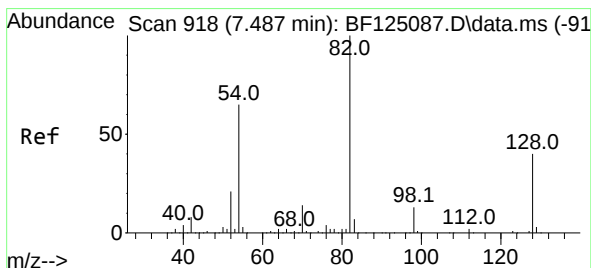
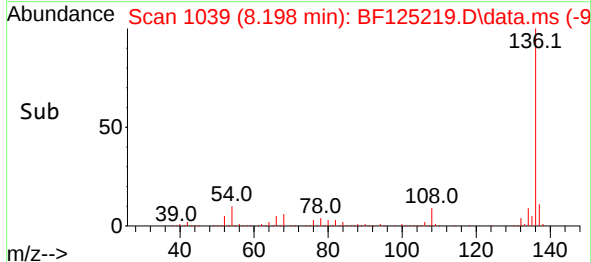
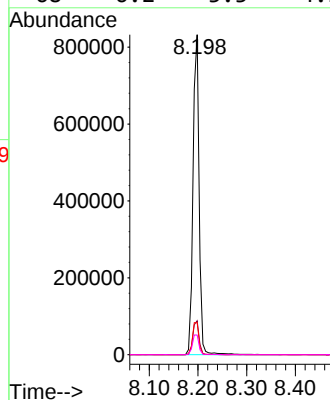
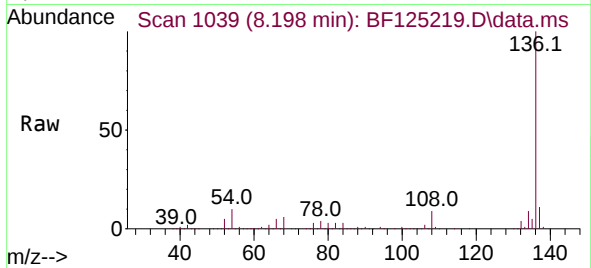




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

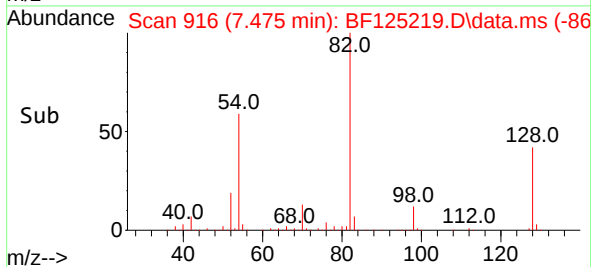
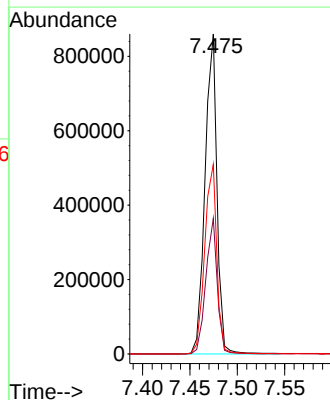
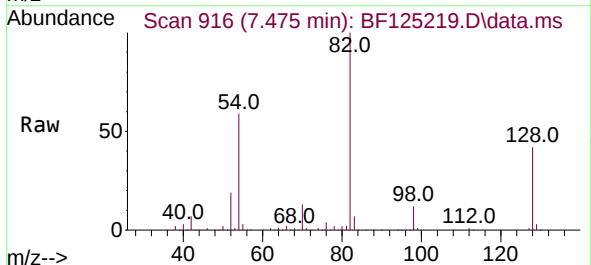
Instrument :
BNA_F
ClientSampleId :
SAMPLE-11-(647.00)

Tgt Ion:	136	Resp:	718329
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.8	14.6
54	10.0	6.4	9.6#
68	6.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 52.656 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

Tgt Ion:	82	Resp:	751321
Ion	Ratio	Lower	Upper
82	100		
128	42.3	40.6	60.8
54	59.3	49.6	74.4

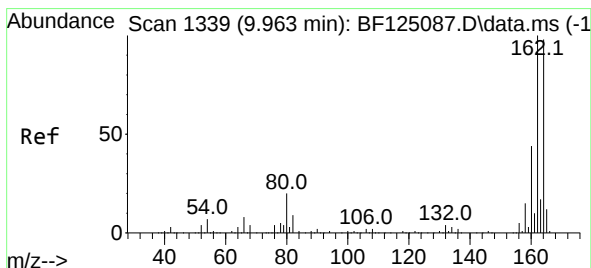
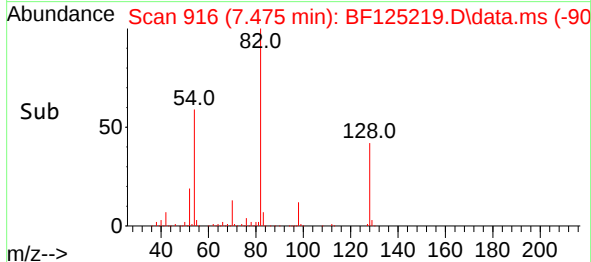
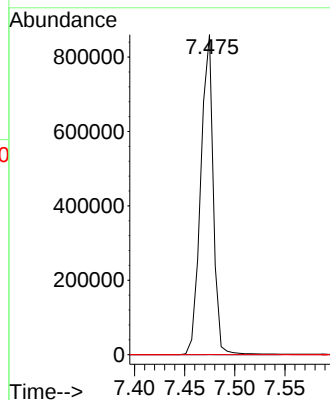
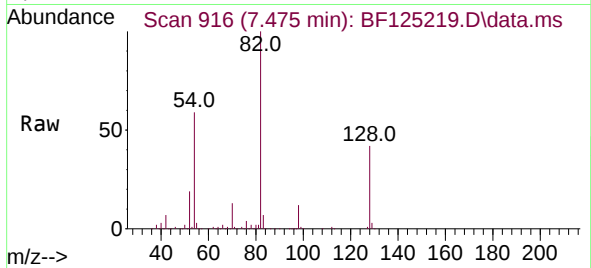




#25
Isophorone
Concen: 27.299 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

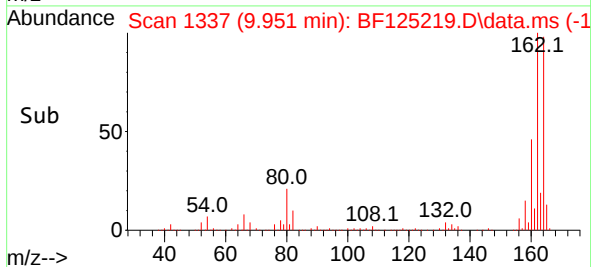
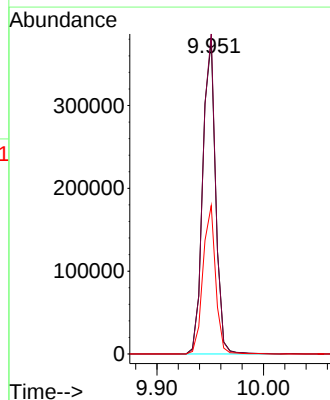
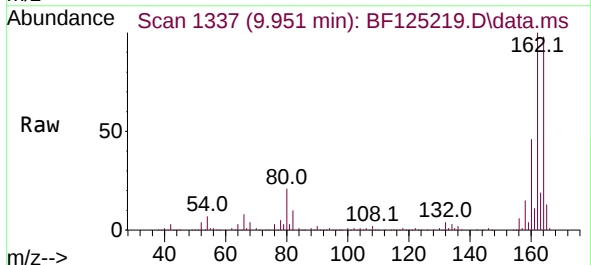
Instrument :
BNA_F
ClientSampleId :
SAMPLE-11-(647.00)

Tgt Ion: 82 Resp: 751432
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: BF125219.D
Acq: 25 Aug 2021 20:22

Tgt Ion:164 Resp: 320303
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 47.3 38.0 57.0

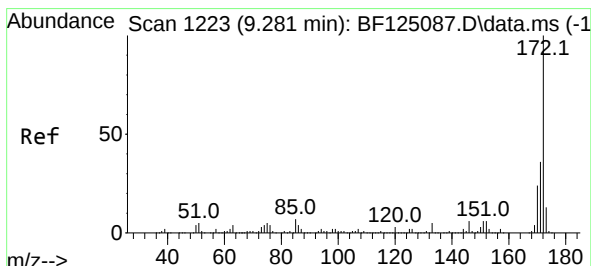
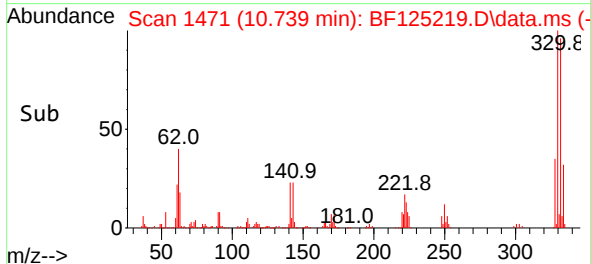
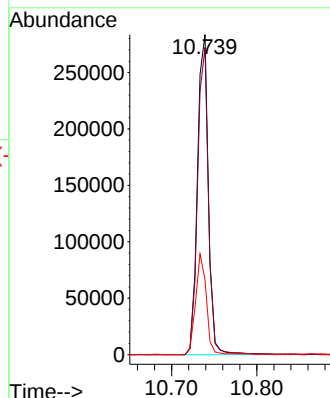
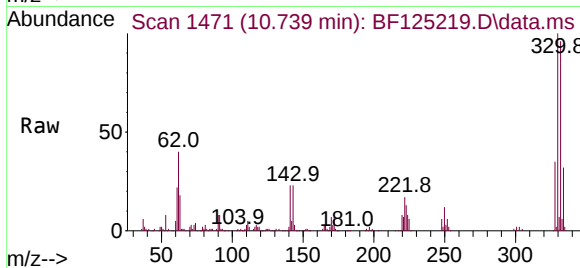




#42
2,4,6-Tribromophenol
Concen: 79.257 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

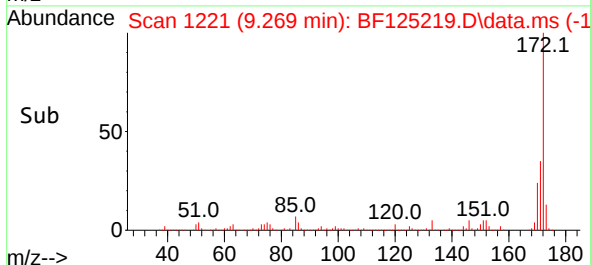
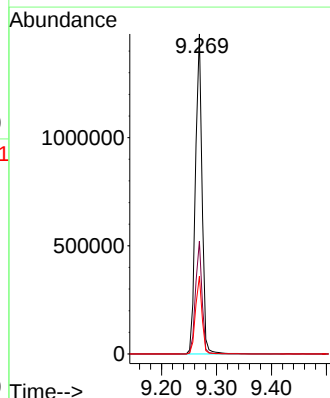
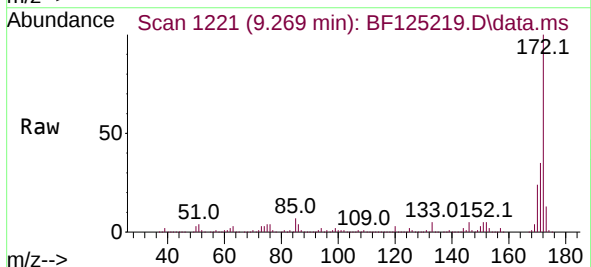
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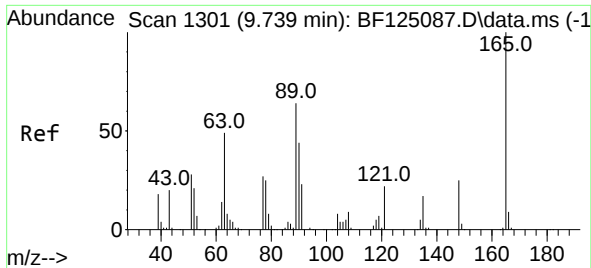
Tgt Ion: 330 Resp: 253410
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 31.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 53.313 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

Tgt Ion: 172 Resp: 1225227
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 24.2 18.8 28.2

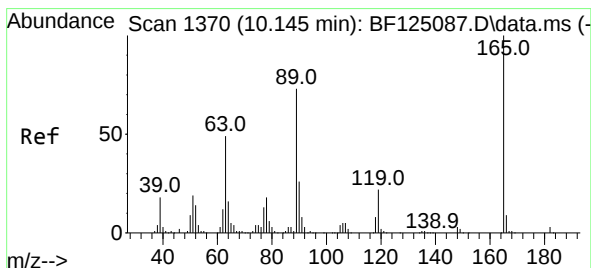
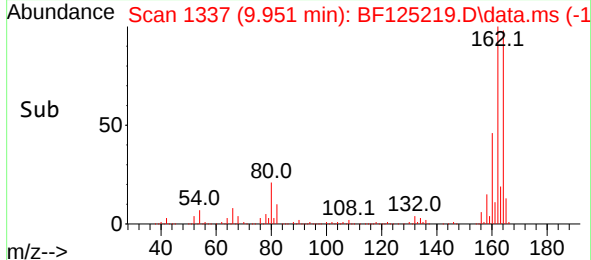
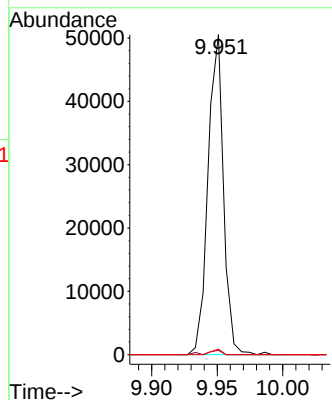
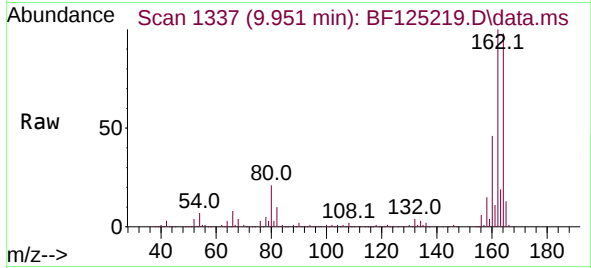




#51
2,6-Dinitrotoluene
Concen: 8.636 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

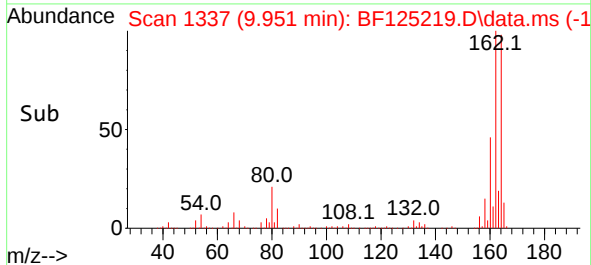
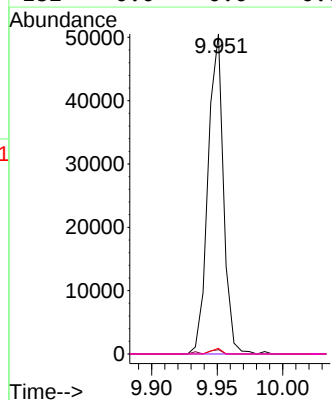
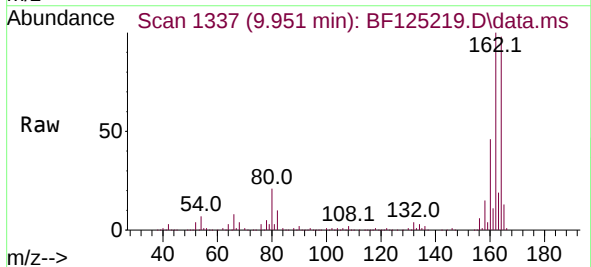
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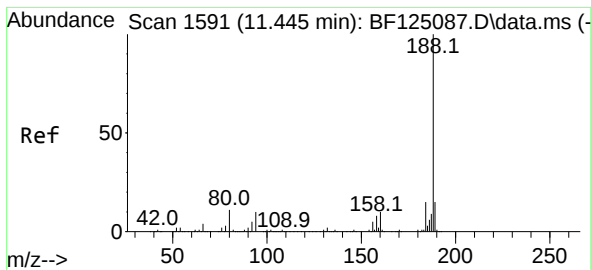
Tgt Ion:165 Resp: 41567
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.7 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.136 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

Tgt Ion:165 Resp: 41567
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.7 59.7 89.5#
182 0.0 0.0 0.0

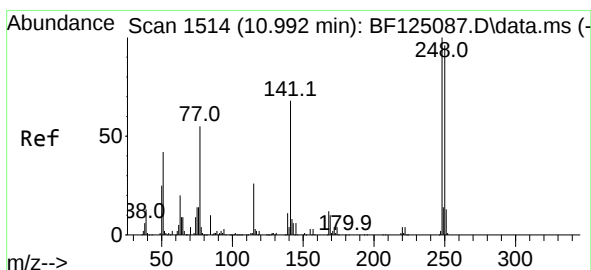
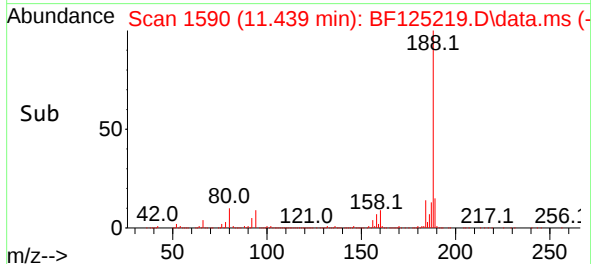
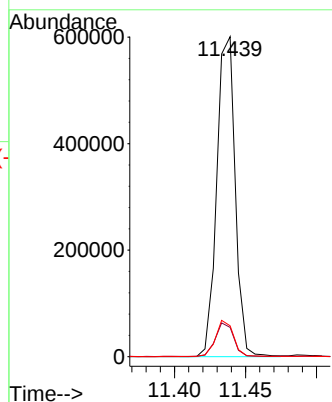
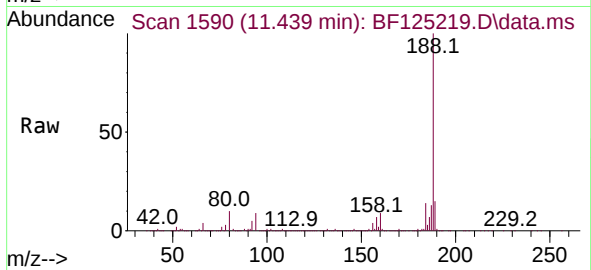




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

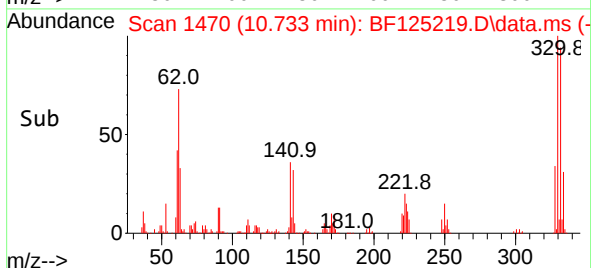
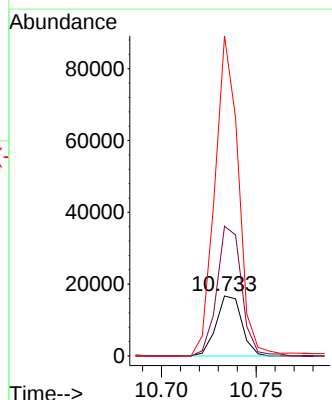
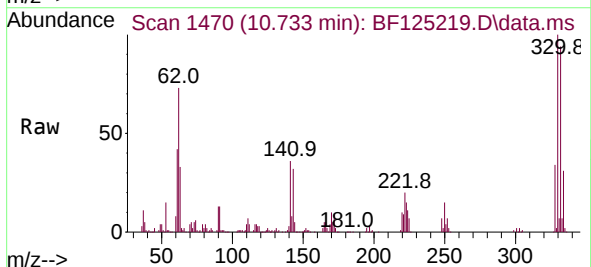
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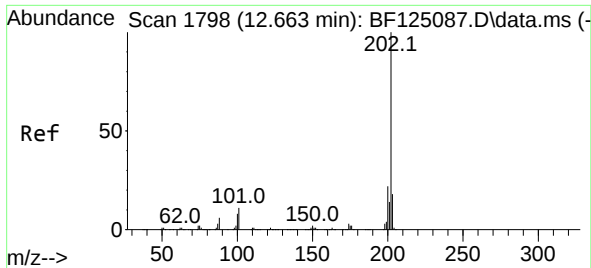
Tgt Ion:188 Resp: 541724
Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 9.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.421 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.247 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

Tgt Ion:248 Resp: 15752
Ion Ratio Lower Upper
248 100
250 216.2 74.2 111.4#
141 533.2 60.4 90.6#

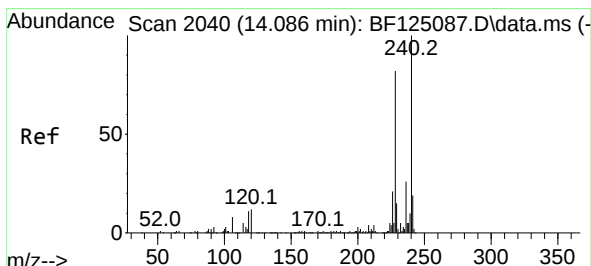
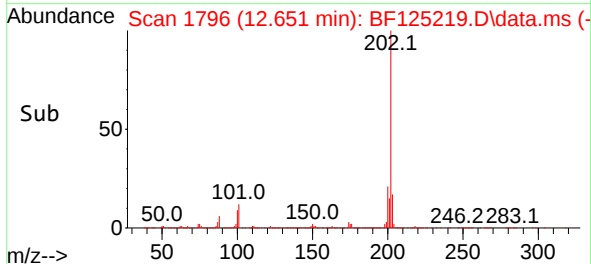
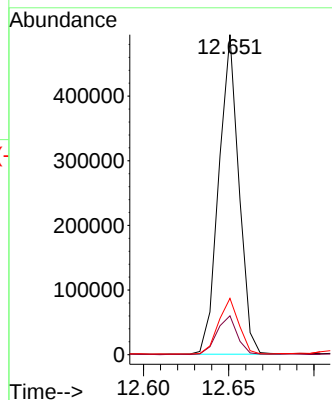
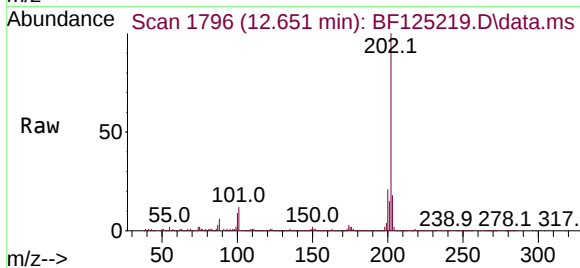




#75
Fluoranthene
Concen: 13.681 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

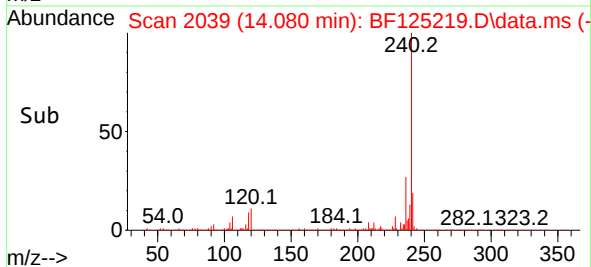
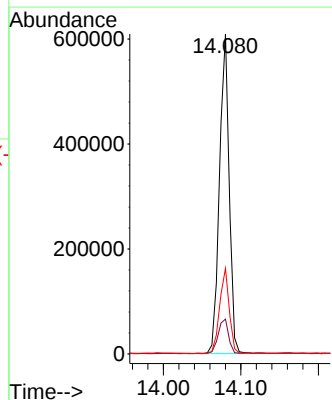
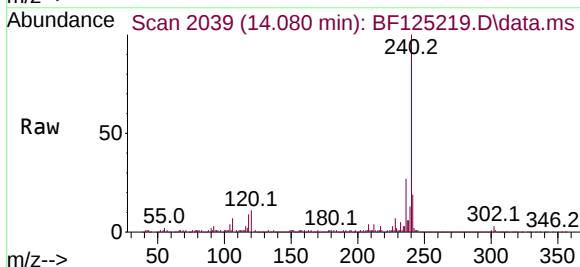
Instrument :
BNA_F
ClientSampleId :
SAMPLE-11-(647.00)

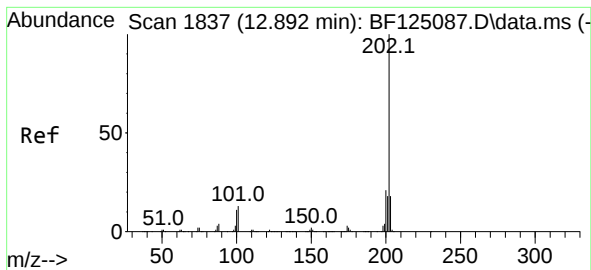
Tgt Ion:202 Resp: 405197
Ion Ratio Lower Upper
202 100
101 12.2 0.0 30.7
203 17.6 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

Tgt Ion:240 Resp: 529598
Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 26.7 21.6 32.4





#78

Pyrene

Concen: 8.720 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF125219.D

Acq: 25 Aug 2021 20:22

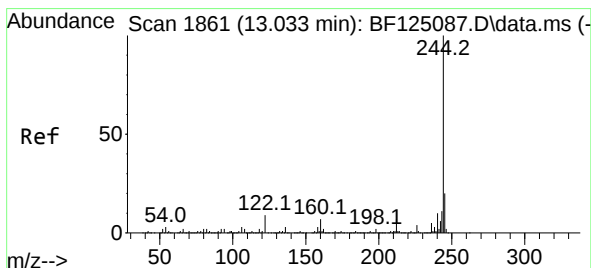
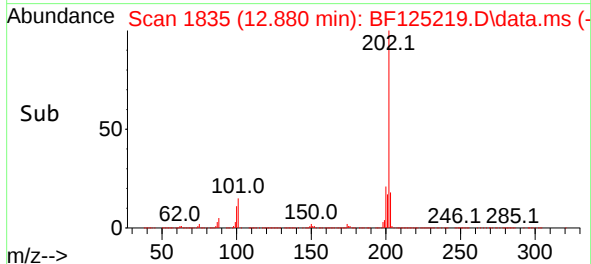
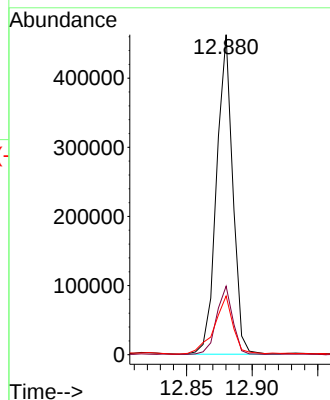
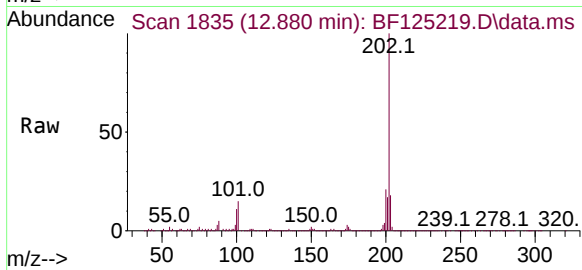
Instrument :

BNA_F

ClientSampleId :

SAMPLE-11-(647.00)

Tgt Ion:202	Resp:	396150
Ion Ratio	Lower	Upper
202	100	
200	21.4	15.3 22.9
203	18.3	13.4 20.0



#79

Terphenyl-d14

Concen: 40.412 ng

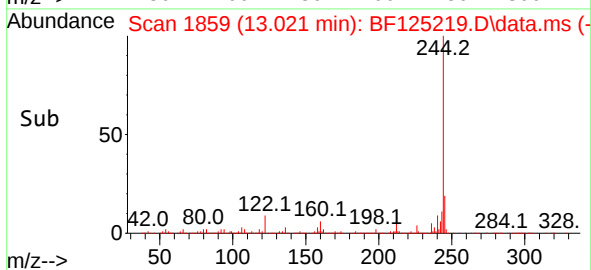
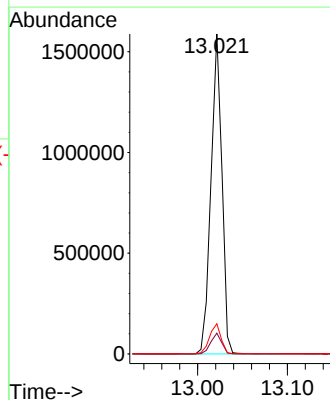
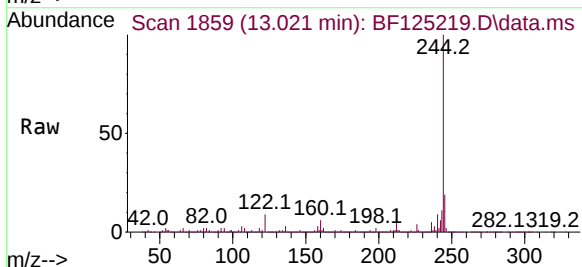
RT: 13.021 min Scan# 1859

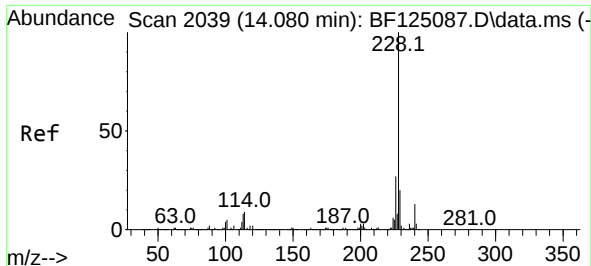
Delta R.T. -0.000 min

Lab File: BF125219.D

Acq: 25 Aug 2021 20:22

Tgt Ion:244	Resp:	1343419
Ion Ratio	Lower	Upper
244	100	
212	6.5	5.9 8.9
122	9.5	9.0 13.4

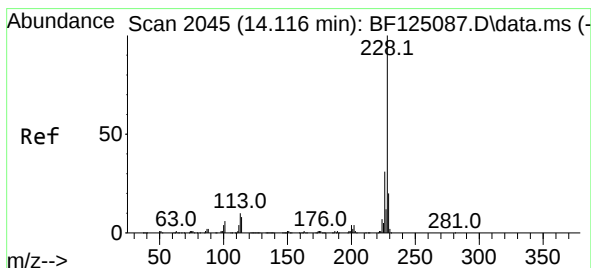
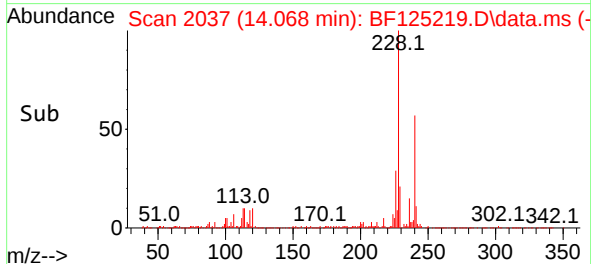
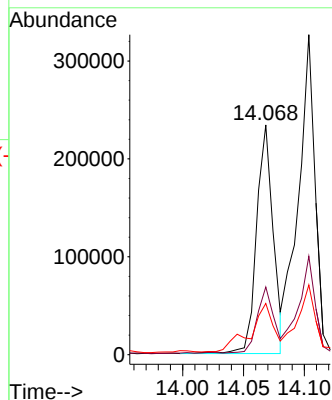
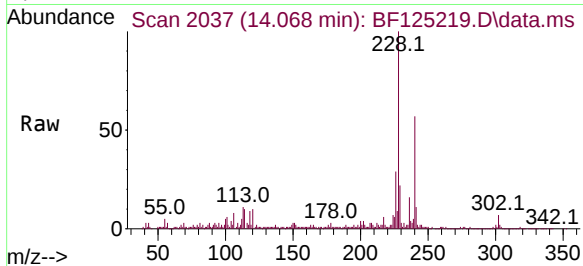




#81
Benzo(a)anthracene
Concen: 5.804 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

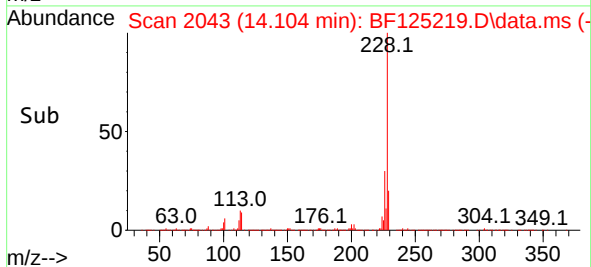
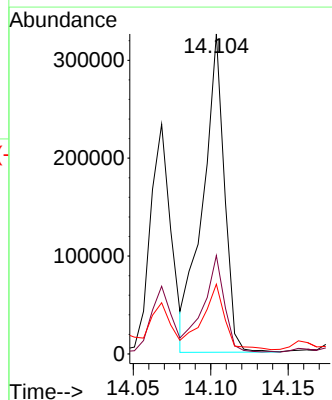
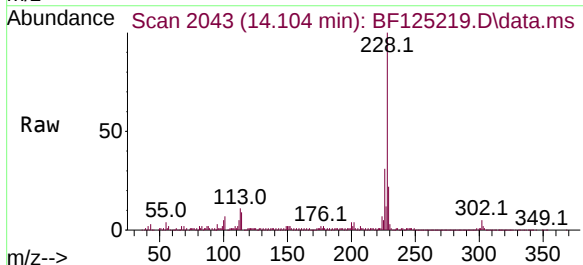
Instrument :
BNA_F
ClientSampleId :
SAMPLE-11-(647.00)

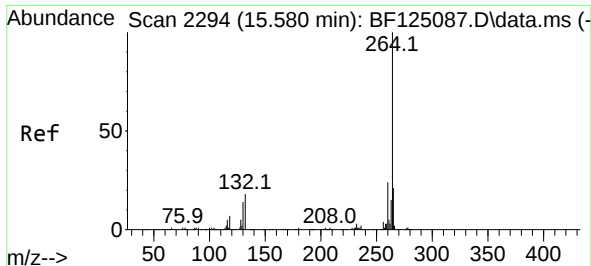
Tgt Ion:228 Resp: 221465
Ion Ratio Lower Upper
228 100
226 29.5 21.6 32.4
229 22.3 15.6 23.4



#83
Chrysene
Concen: 8.325 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

Tgt Ion:228 Resp: 314148
Ion Ratio Lower Upper
228 100
226 30.7 22.6 34.0
229 21.8 15.9 23.9

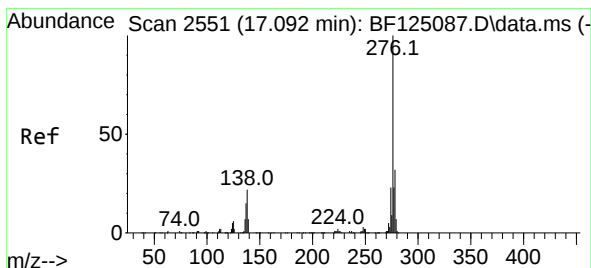
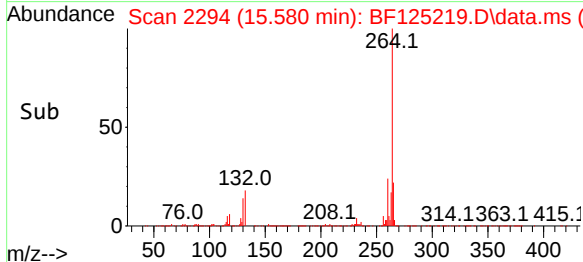
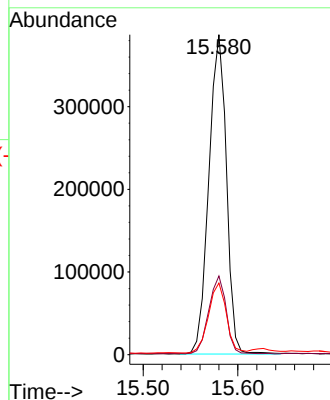
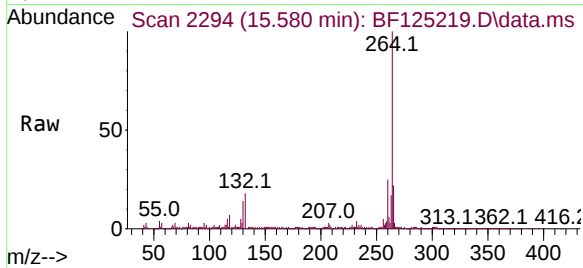




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

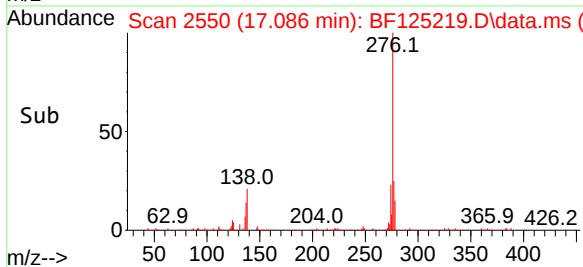
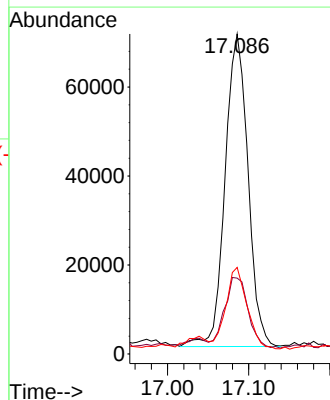
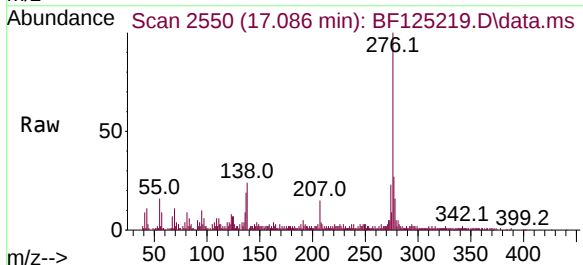
Instrument :
BNA_F
ClientSampleId :
SAMPLE-11-(647.00)

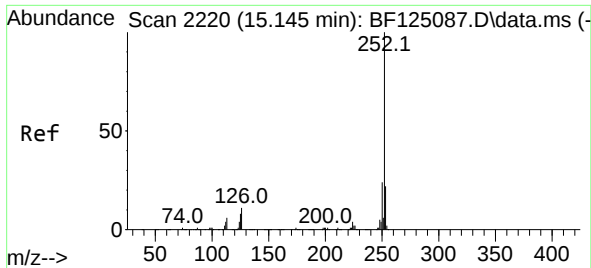
Tgt Ion:	264	Resp:	497978
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.6	29.4
265	22.4	17.2	25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.846 ng
RT: 17.086 min Scan# 2550
Delta R.T. -0.006 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

Tgt Ion:	276	Resp:	137989
Ion Ratio	Lower	Upper	
276	100		
138	23.3	24.1	36.1#
277	24.3	18.8	28.2

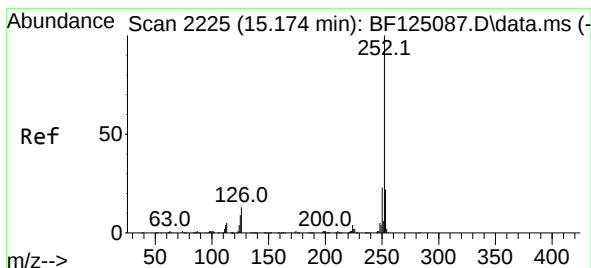
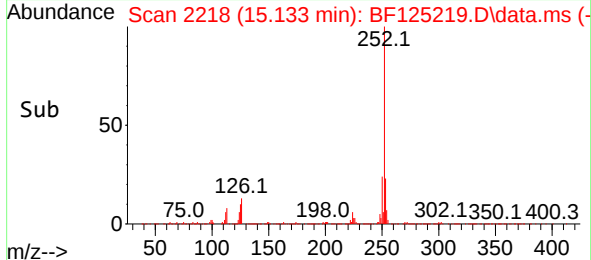
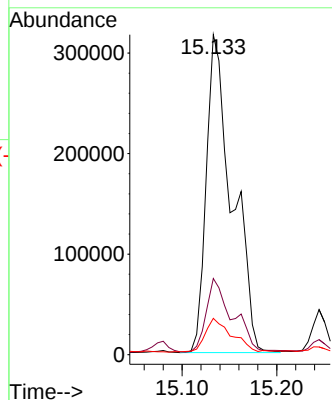
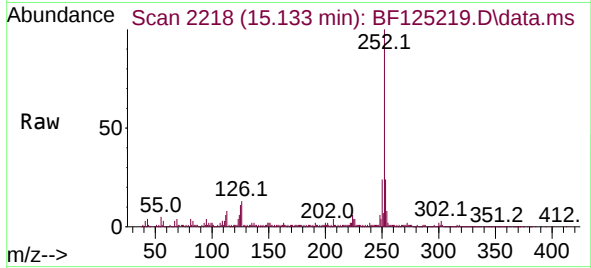




#88
Benzo(b)fluoranthene
Concen: 16.524 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.000 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

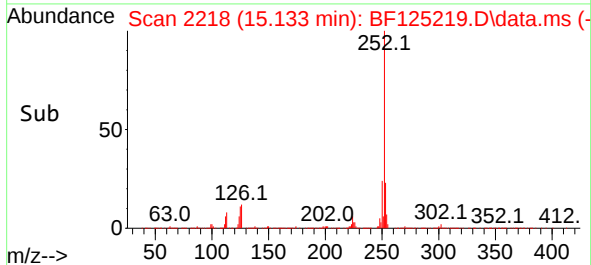
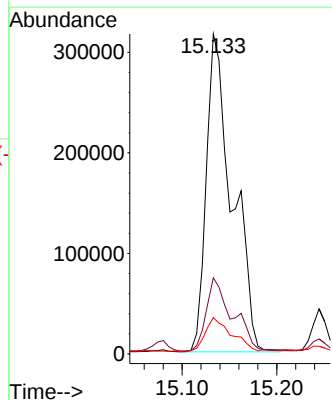
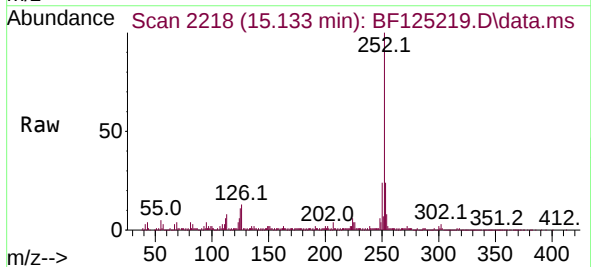
Instrument :
BNA_F
ClientSampleId :
SAMPLE-11-(647.00)

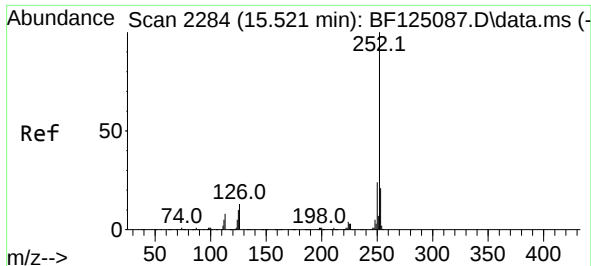
Tgt Ion:252 Resp: 601153
Ion Ratio Lower Upper
252 100
253 23.8 16.8 25.2
125 11.4 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 17.707 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.035 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

Tgt Ion:252 Resp: 601153
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 11.4 7.2 10.8#

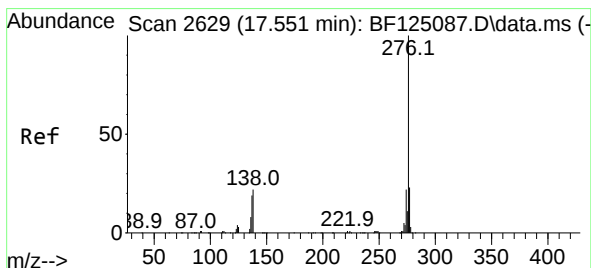
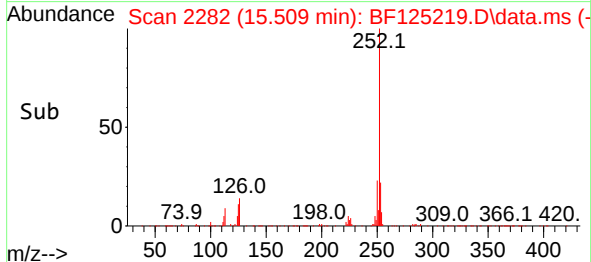
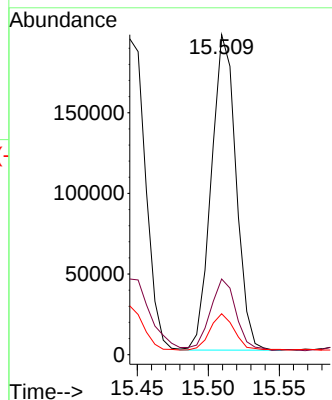
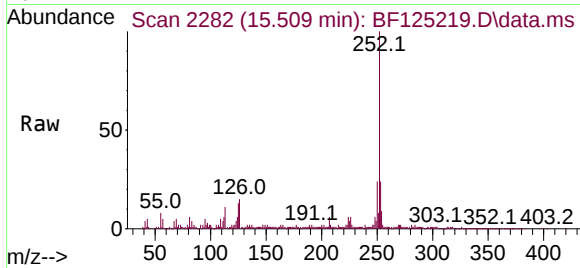




#90
Benzo(a)pyrene
Concen: 7.377 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

Instrument :
BNA_F
ClientSampleId :
SAMPLE-11-(647.00)

Tgt Ion:252 Resp: 237061
Ion Ratio Lower Upper
252 100
253 23.7 18.4 27.6
125 12.8 9.9 14.9



#92
Benzo(g,h,i)perylene
Concen: 5.553 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.006 min
Lab File: BF125219.D
Acq: 25 Aug 2021 20:22

Tgt Ion:276 Resp: 166044
Ion Ratio Lower Upper
276 100
277 23.3 22.0 33.0
138 23.4 22.2 33.4

