

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
 Data File : BF125297.D
 Acq On : 31 Aug 2021 19:49
 Operator : JU/CG
 Sample : M3577-02 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 191-0827-B1-DP

Quant Time: Sep 01 03:13:49 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)

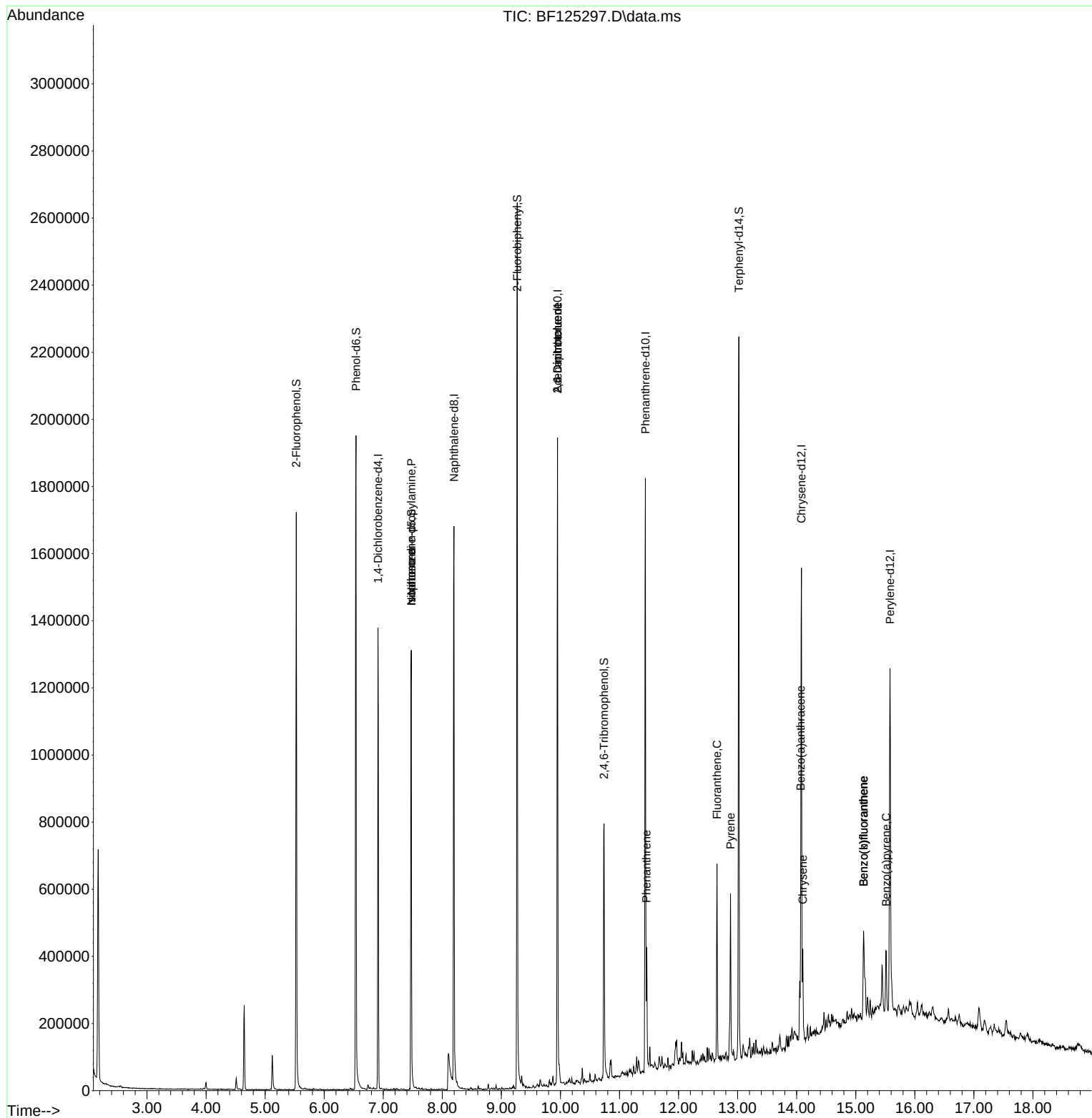
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	192629	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	759640	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	401386	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	667455	20.000	ng	0.00
76) Chrysene-d12	14.080	240	472251	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	495863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	438103	34.424	ng	0.00
7) Phenol-d6	6.540	99	663444	40.308	ng	0.00
23) Nitrobenzene-d5	7.475	82	428413	28.392	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	111723	27.884	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	846697	29.400	ng	0.00
79) Terphenyl-d14	13.022	244	758905	25.601	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	56999	5.757	ng	# 56
25) Isophorone	7.475	82	428407	14.718	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	51547	8.546	ng	# 27
57) 2,4-Dinitrotoluene	9.951	165	51797	7.096	ng	# 19
71) Phenanthrene	11.457	178	134079	3.646	ng	98
75) Fluoranthene	12.651	202	230750	6.323	ng	98
78) Pyrene	12.880	202	193781	4.784	ng	97
81) Benzo(a)anthracene	14.069	228	114149	3.355	ng	98
83) Chrysene	14.104	228	94852	2.819	ng	95
88) Benzo(b)fluoranthene	15.133	252	195768	5.404	ng	95
89) Benzo(k)fluoranthene	15.133	252	195768	5.791	ng	97
90) Benzo(a)pyrene	15.515	252	102447	3.201	ng	98

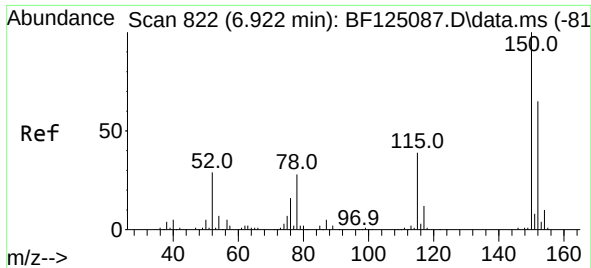
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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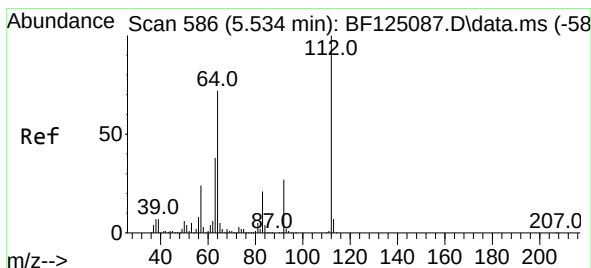
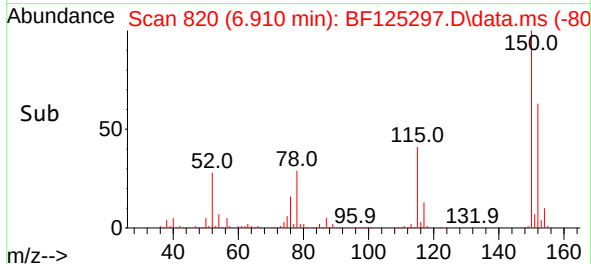
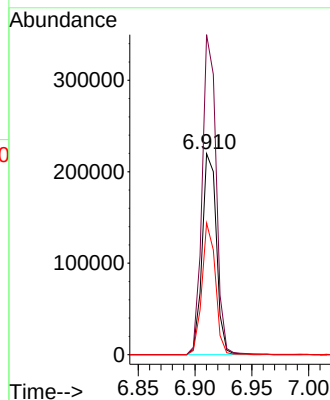
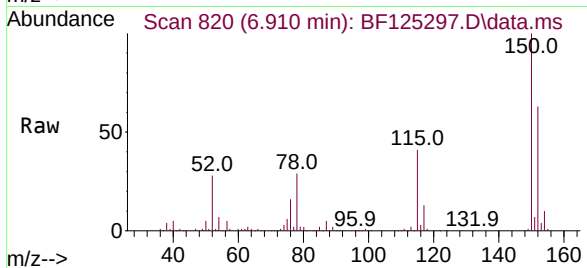




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 820
 Delta R.T. -0.006 min
 Lab File: BF125297.D
 Acq: 31 Aug 2021 19:49

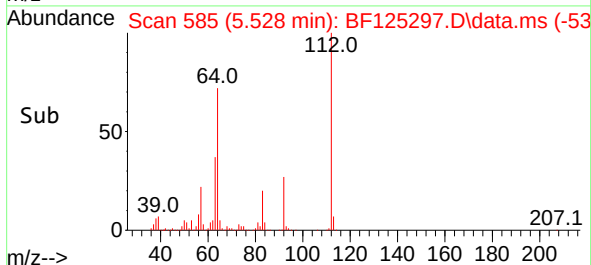
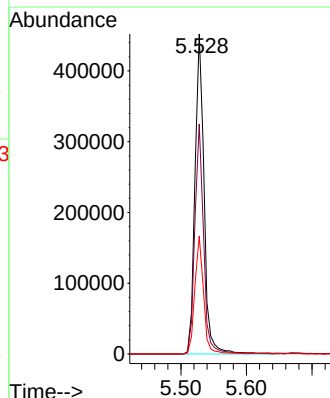
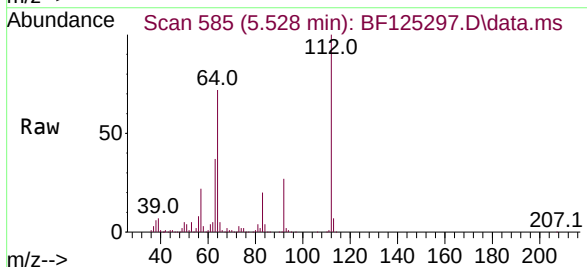
Instrument :
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 191-0827-B1-DP

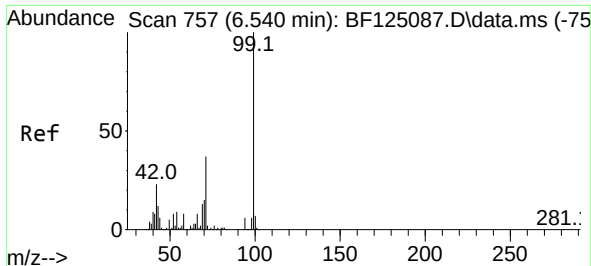
Tgt Ion:152 Resp: 192629
 Ion Ratio Lower Upper
 152 100
 150 159.3 117.6 176.4
 115 65.6 47.1 70.7



#5
 2-Fluorophenol
 Concen: 34.424 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.000 min
 Lab File: BF125297.D
 Acq: 31 Aug 2021 19:49

Tgt Ion:112 Resp: 438103
 Ion Ratio Lower Upper
 112 100
 64 71.9 44.2 66.2#
 63 36.8 26.2 39.2

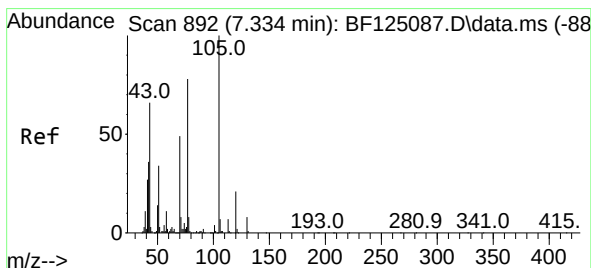
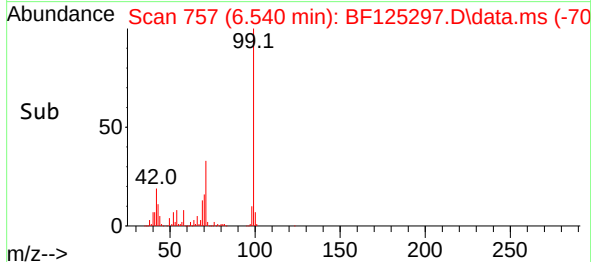
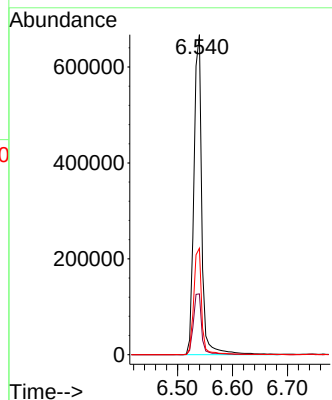
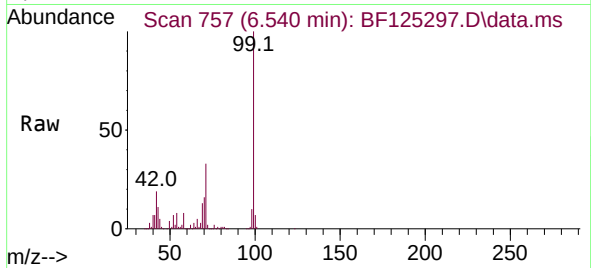




#7
Phenol-d6
Concen: 40.308 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF125297.D
Acq: 31 Aug 2021 19:49

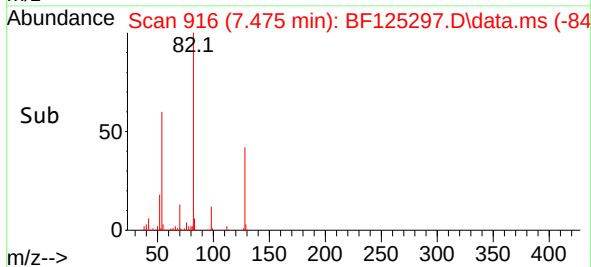
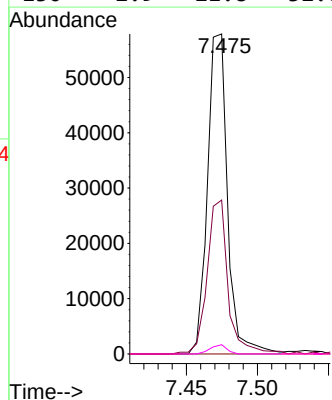
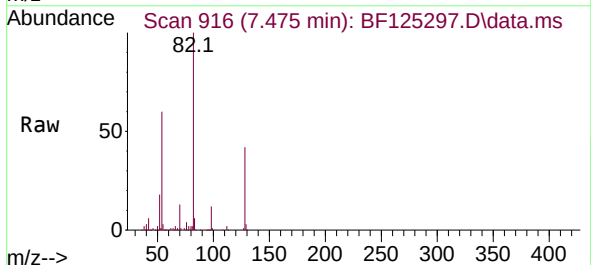
Instrument :
BNA_F
ClientSampleId :
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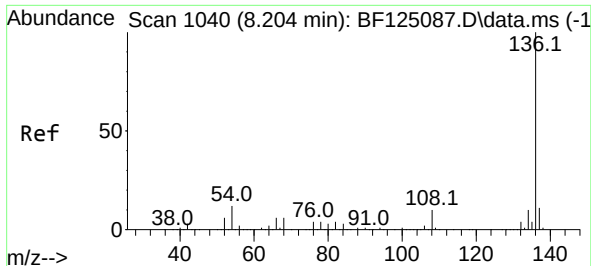
Tgt Ion: 99 Resp: 663444
Ion Ratio Lower Upper
99 100
42 19.0 23.5 35.3#
71 33.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 5.757 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125297.D
Acq: 31 Aug 2021 19:49

Tgt Ion: 70 Resp: 56999
Ion Ratio Lower Upper
70 100
42 48.1 72.2 108.2#
101 0.0 7.8 11.8#
130 2.9 21.8 32.6#

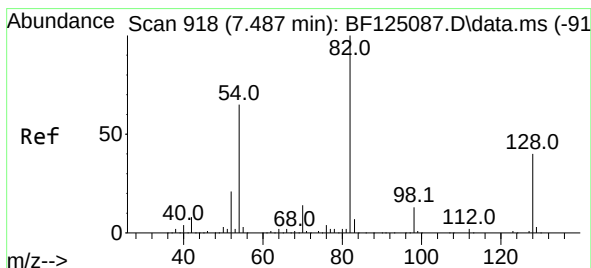
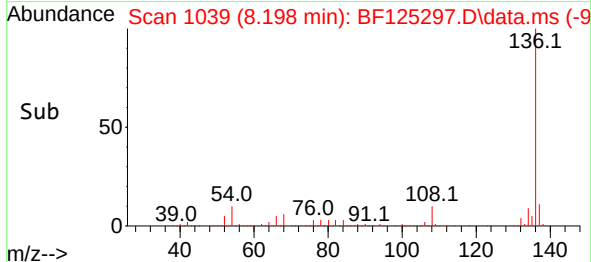
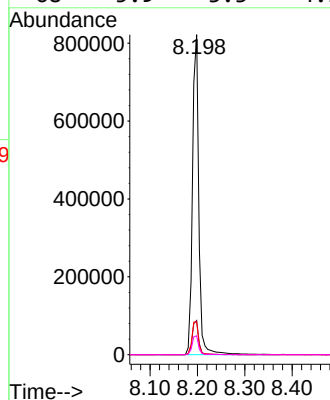
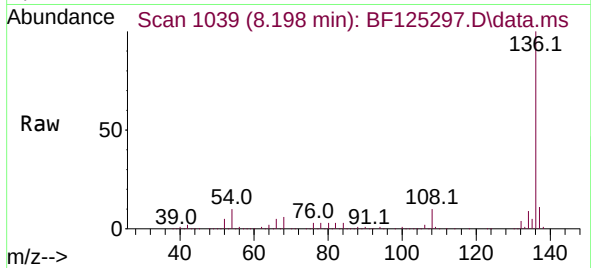




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125297.D
Acq: 31 Aug 2021 19:49

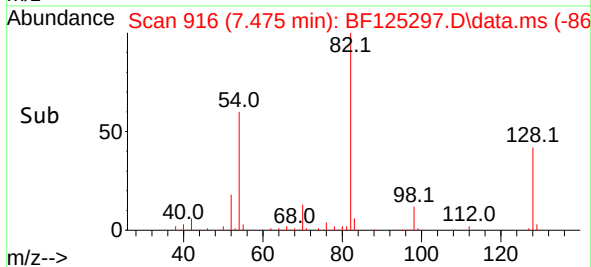
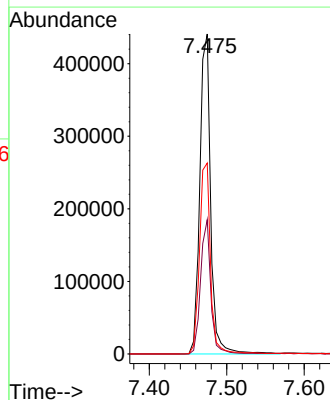
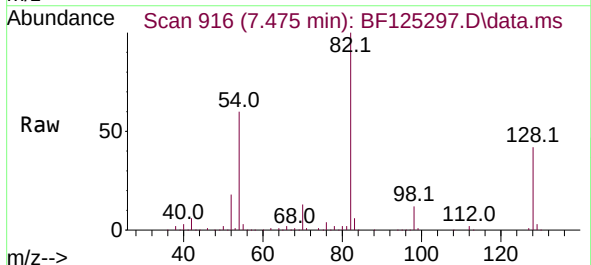
Instrument :
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ClientSampleId :
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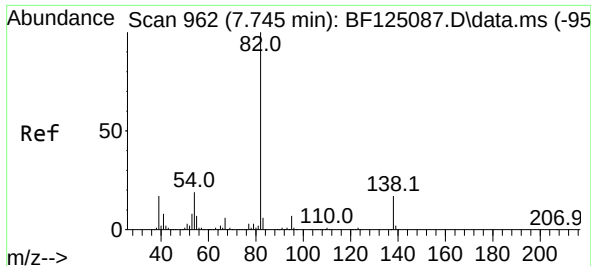
Tgt Ion:	136	Resp:	759640
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.8	14.6
54	10.1	6.4	9.6#
68	5.9	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 28.392 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125297.D
Acq: 31 Aug 2021 19:49

Tgt Ion:	82	Resp:	428413
Ion Ratio	Lower	Upper	
82	100		
128	42.0	40.6	60.8
54	59.7	49.6	74.4

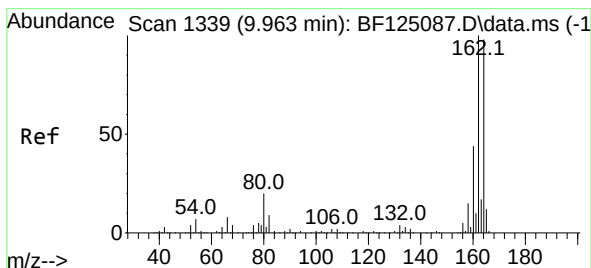
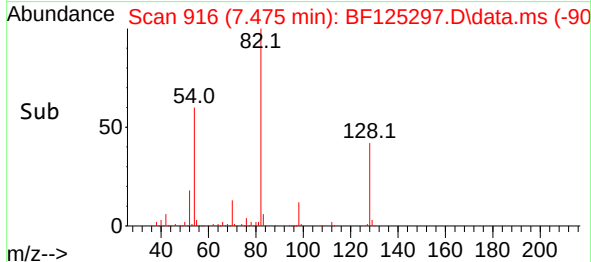
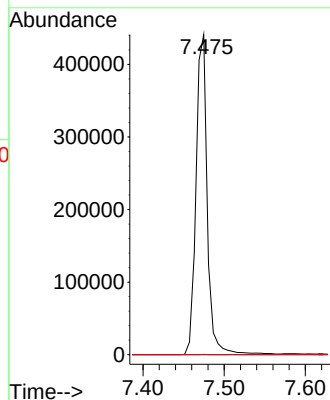
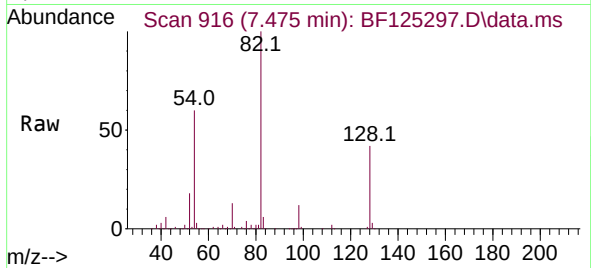




#25
Isophorone
Concen: 14.718 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125297.D
Acq: 31 Aug 2021 19:49

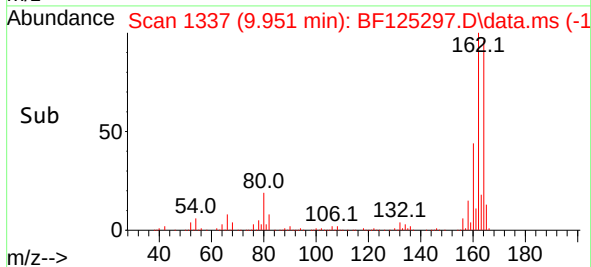
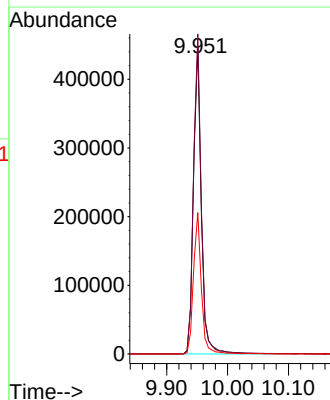
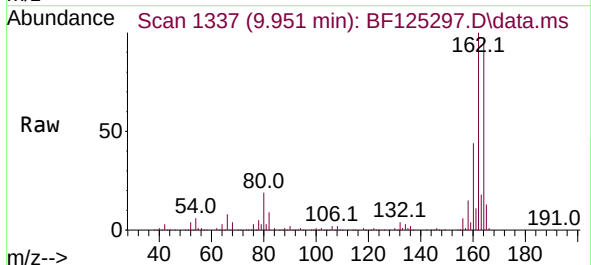
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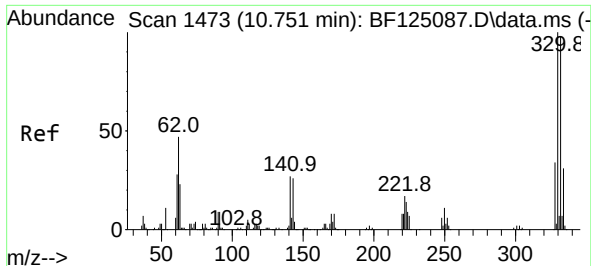
Tgt Ion: 82 Resp: 428407
Ion Ratio Lower Upper
82 100
95 0.1 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125297.D
Acq: 31 Aug 2021 19:49

Tgt Ion: 164 Resp: 401386
Ion Ratio Lower Upper
164 100
162 103.8 81.3 121.9
160 45.8 38.0 57.0

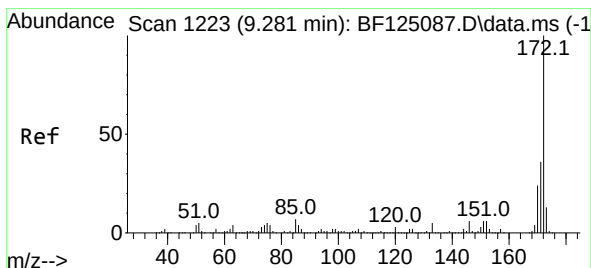
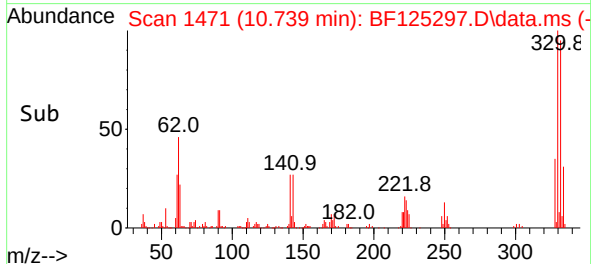
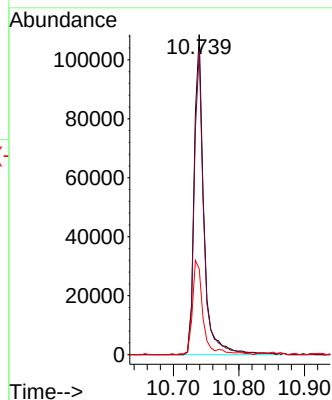
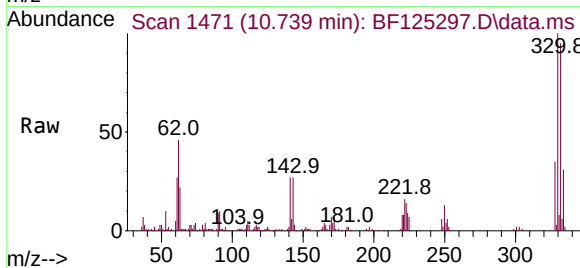




#42
2,4,6-Tribromophenol
Concen: 27.884 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125297.D
Acq: 31 Aug 2021 19:49

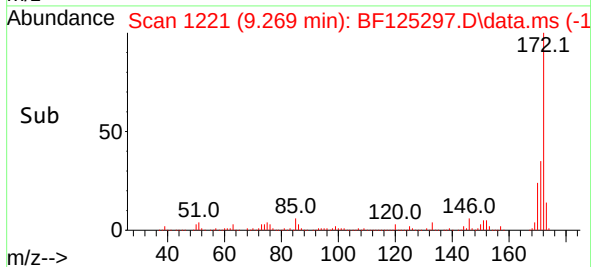
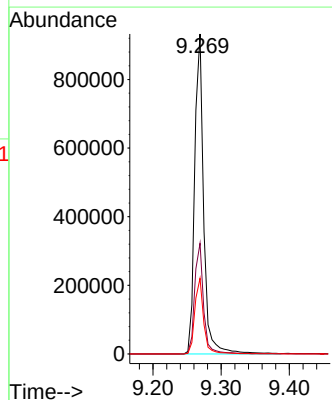
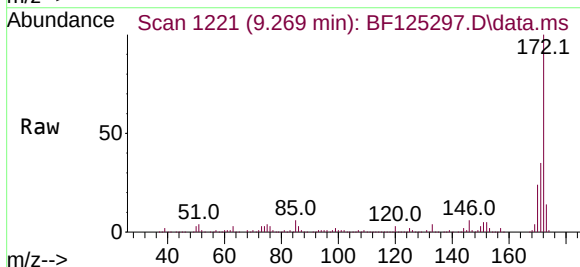
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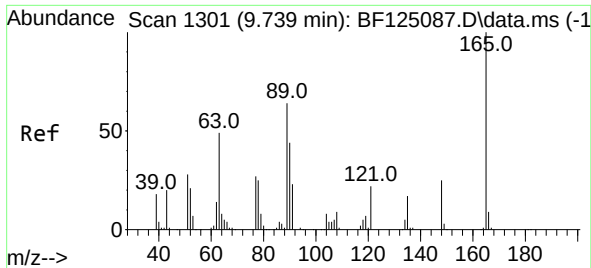
Tgt Ion: 330 Resp: 111723
Ion Ratio Lower Upper
330 100
332 93.9 76.2 114.4
141 32.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 29.400 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125297.D
Acq: 31 Aug 2021 19:49

Tgt Ion: 172 Resp: 846697
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.7 18.8 28.2

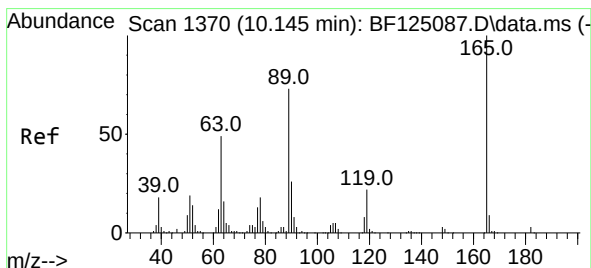
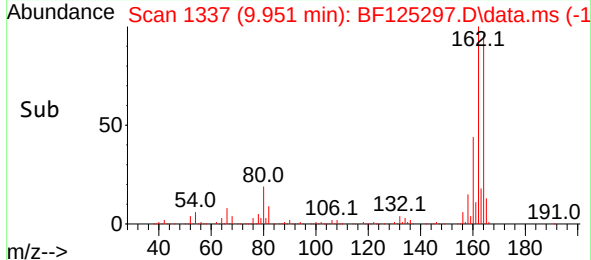
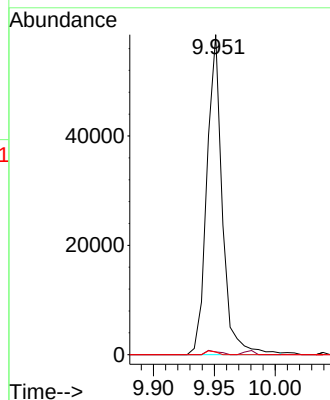
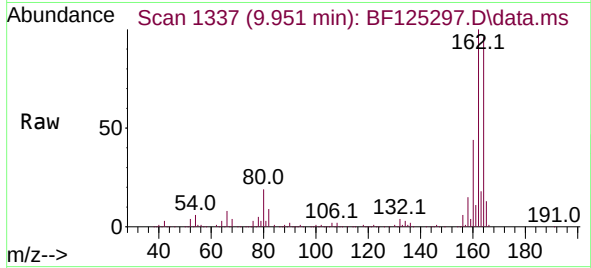




#51
2,6-Dinitrotoluene
Concen: 8.546 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125297.D
Acq: 31 Aug 2021 19:49

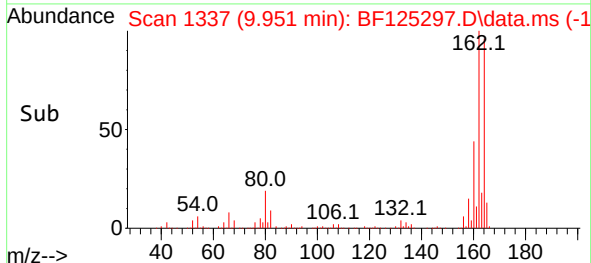
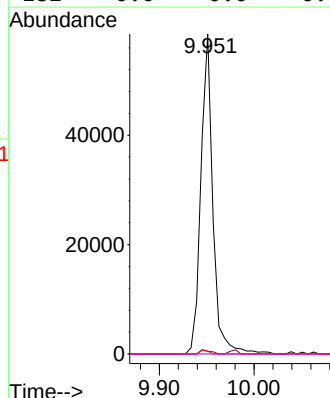
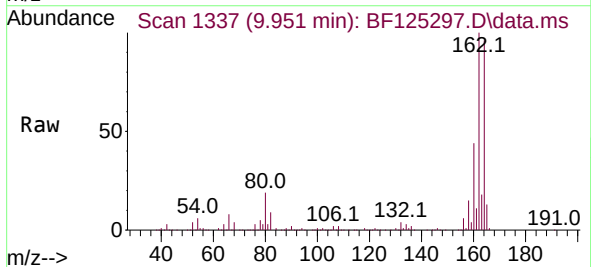
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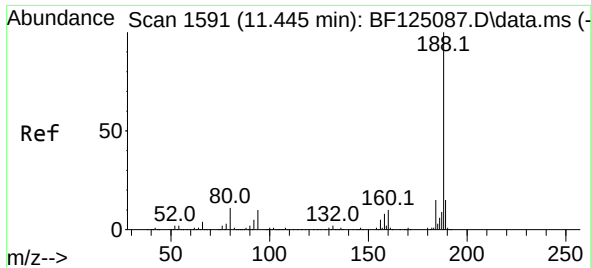
Tgt Ion:165 Resp: 51547
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.096 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125297.D
Acq: 31 Aug 2021 19:49

Tgt Ion:165 Resp: 51797
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

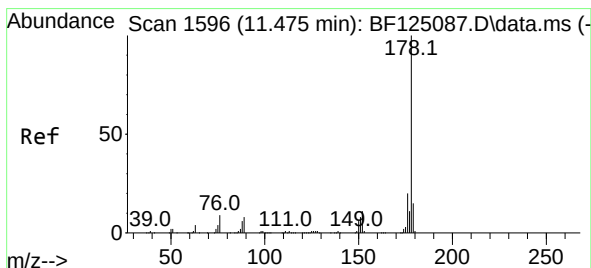
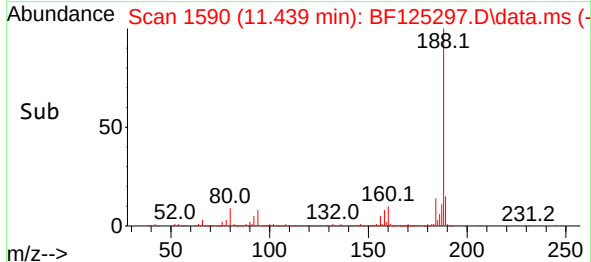
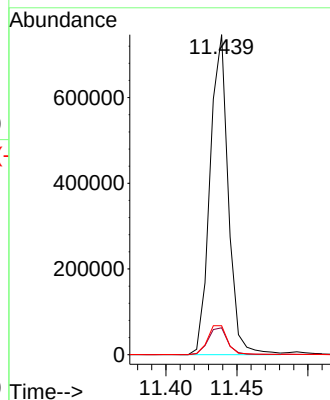
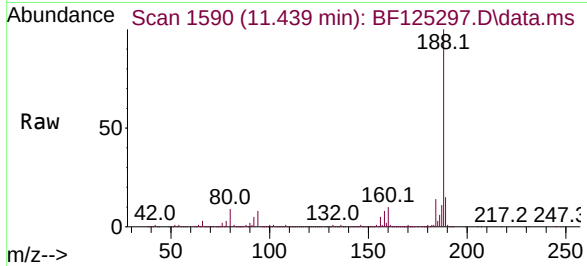




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125297.D
Acq: 31 Aug 2021 19:49

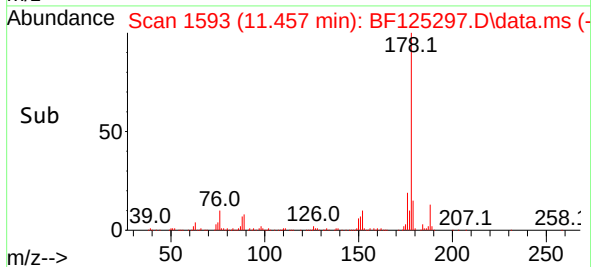
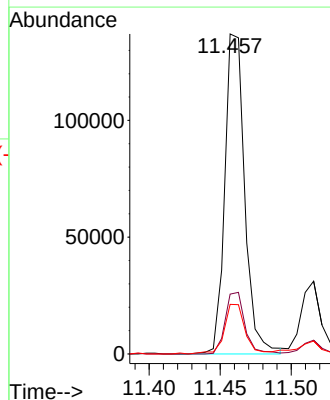
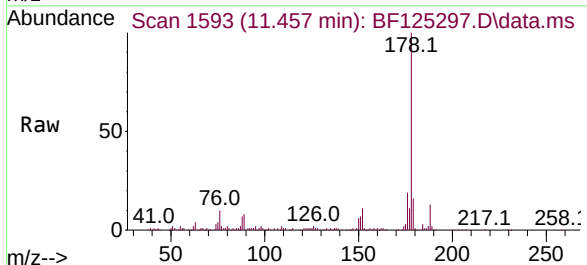
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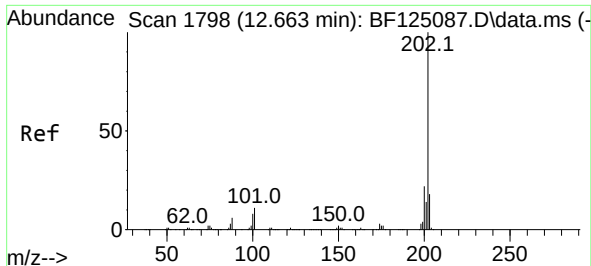
Tgt Ion:188 Resp: 667455
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 9.0 7.5 11.3



#71
Phenanthrene
Concen: 3.646 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF125297.D
Acq: 31 Aug 2021 19:49

Tgt Ion:178 Resp: 134079
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.5 11.5 17.3

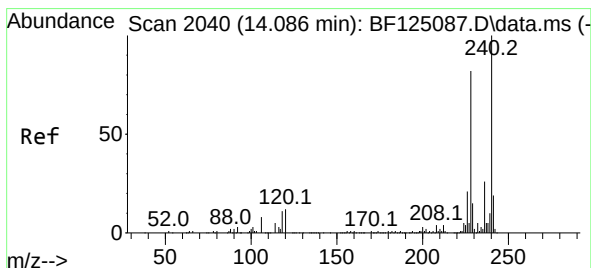
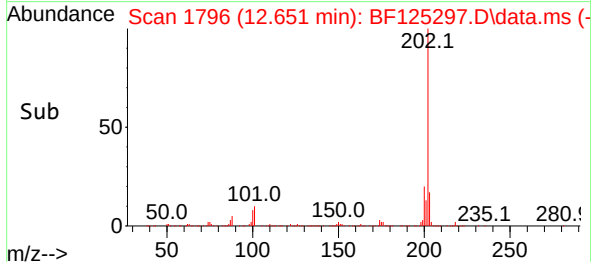
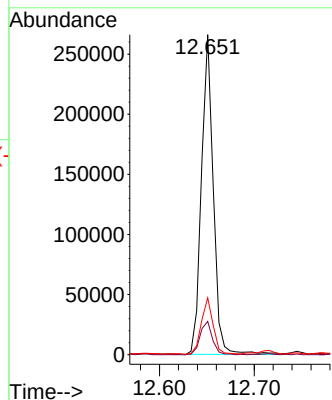
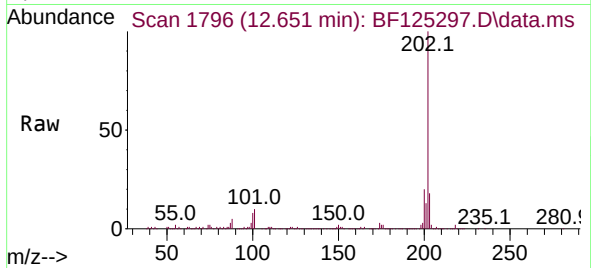




#75
Fluoranthene
Concen: 6.323 ng
RT: 12.651 min Scan# 1796
Delta R.T. 0.000 min
Lab File: BF125297.D
Acq: 31 Aug 2021 19:49

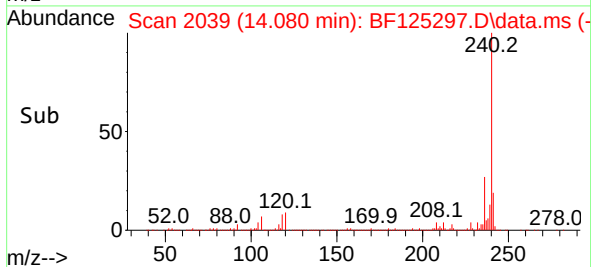
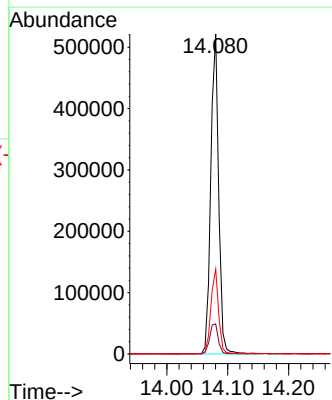
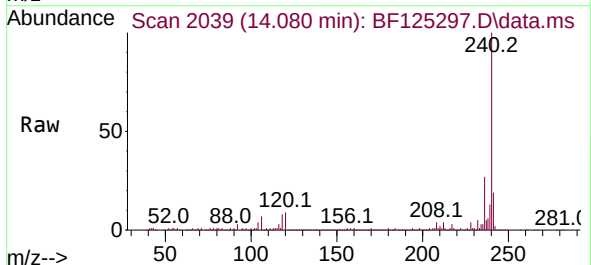
Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

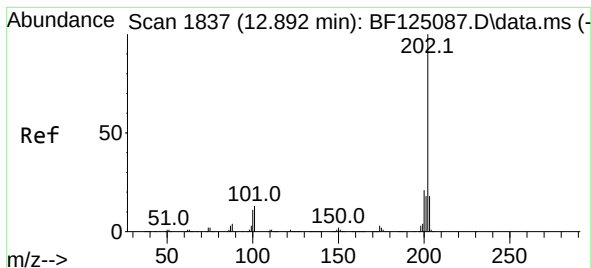
Tgt Ion:202 Resp: 230750
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.7
203 17.7 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125297.D
Acq: 31 Aug 2021 19:49

Tgt Ion:240 Resp: 472251
Ion Ratio Lower Upper
240 100
120 9.4 10.8 16.2#
236 26.5 21.6 32.4





#78

Pyrene

Concen: 4.784 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF125297.D

Acq: 31 Aug 2021 19:49

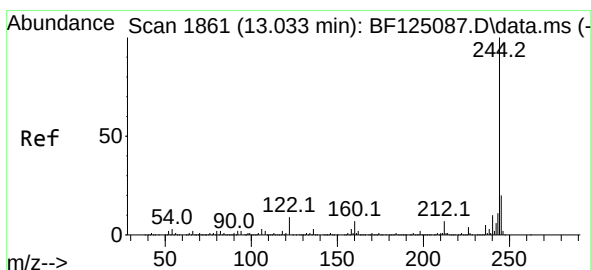
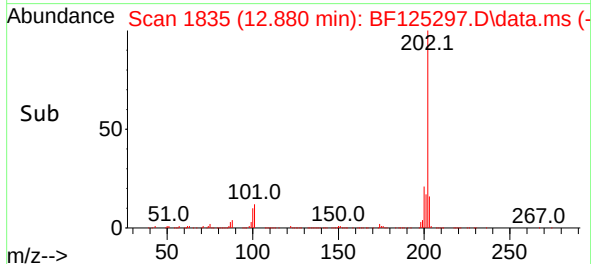
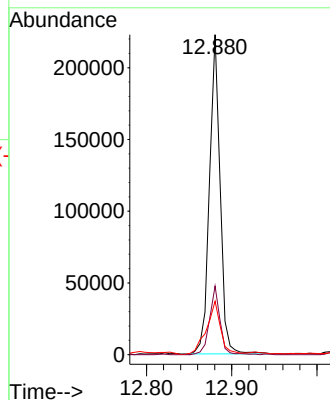
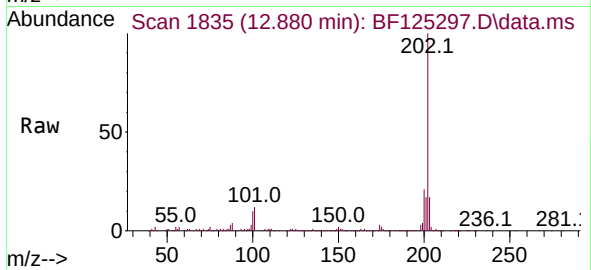
Tgt Ion:202 Resp: 193781

Ion Ratio Lower Upper

202 100

200 21.5 15.3 22.9

203 16.7 13.4 20.0



#79

Terphenyl-d14

Concen: 25.601 ng

RT: 13.022 min Scan# 1859

Delta R.T. 0.000 min

Lab File: BF125297.D

Acq: 31 Aug 2021 19:49

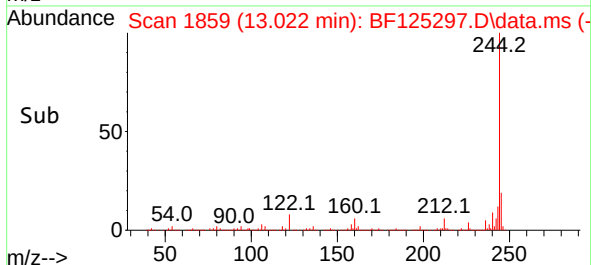
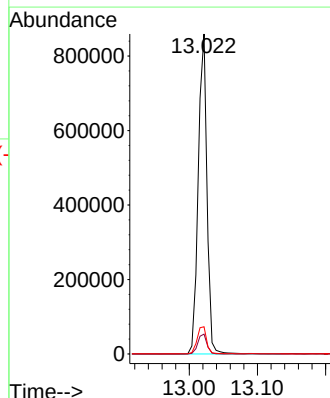
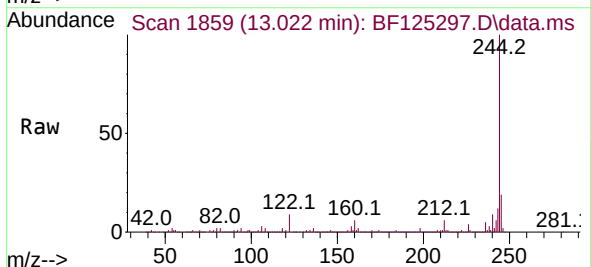
Tgt Ion:244 Resp: 758905

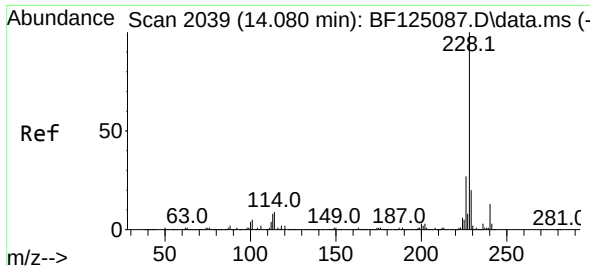
Ion Ratio Lower Upper

244 100

212 6.2 5.9 8.9

122 8.5 9.0 13.4#

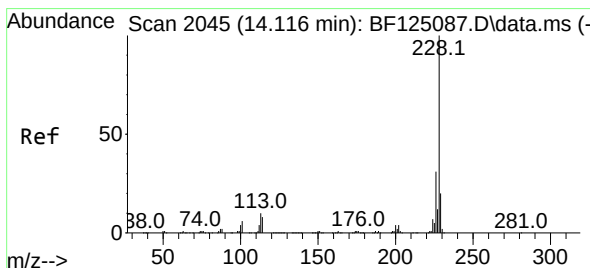
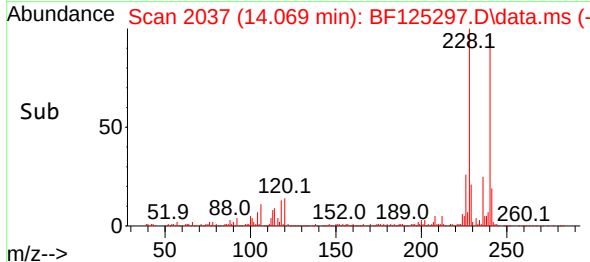
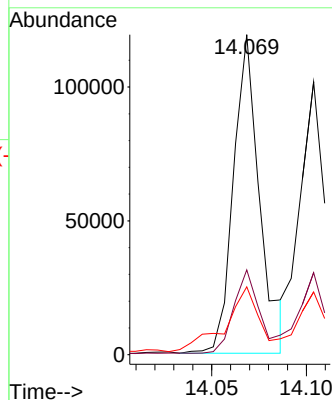
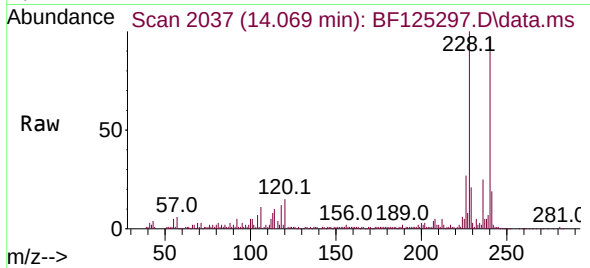




#81
Benzo(a)anthracene
Concen: 3.355 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF125297.D
Acq: 31 Aug 2021 19:49

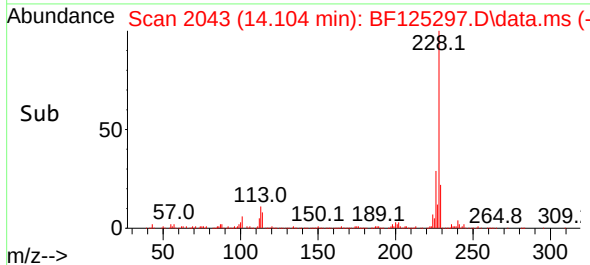
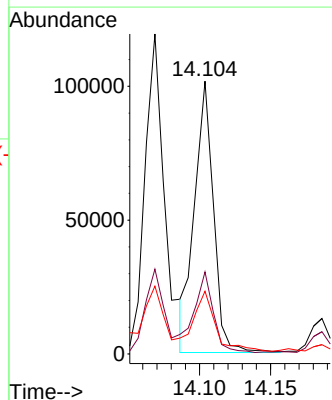
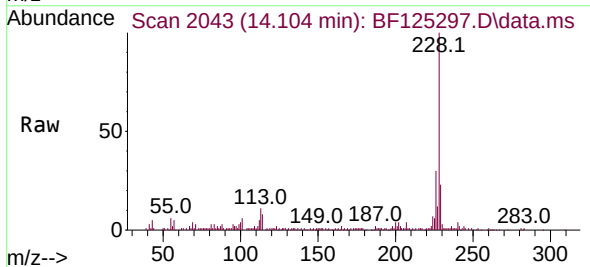
Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

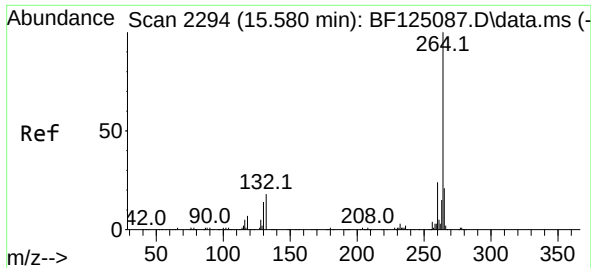
Tgt Ion:228 Resp: 114149
Ion Ratio Lower Upper
228 100
226 26.5 21.6 32.4
229 21.2 15.6 23.4



#83
Chrysene
Concen: 2.819 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF125297.D
Acq: 31 Aug 2021 19:49

Tgt Ion:228 Resp: 94852
Ion Ratio Lower Upper
228 100
226 30.1 22.6 34.0
229 23.0 15.9 23.9



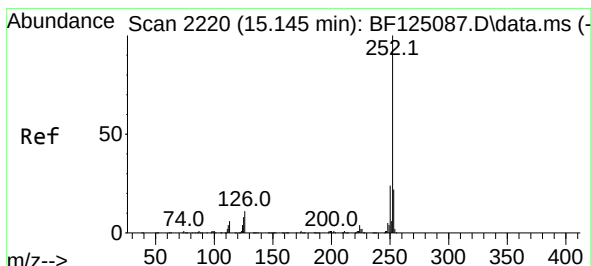
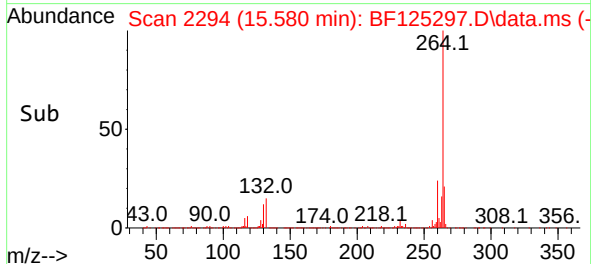
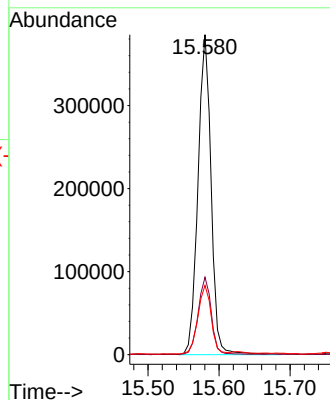
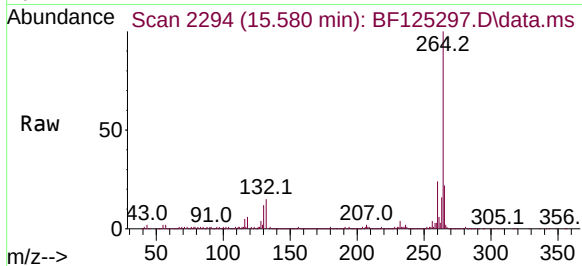


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF125297.D
Acq: 31 Aug 2021 19:49

Instrument :
BNA_F
ClientSampleId :
191-0827-B1-DP

Tgt Ion:264 Resp: 495863

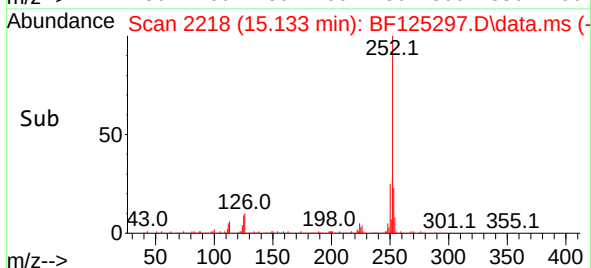
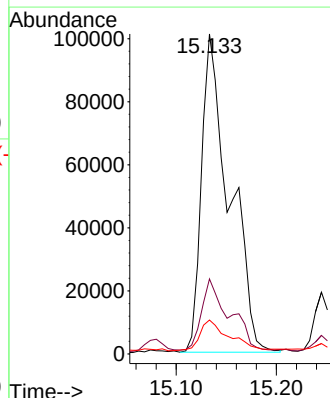
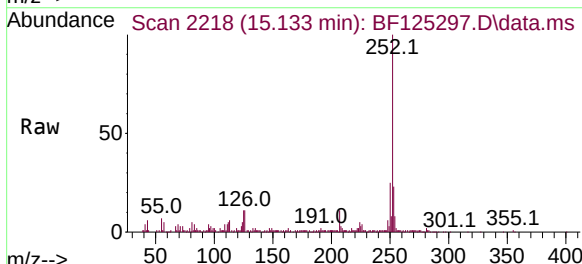
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.6	17.2	25.8

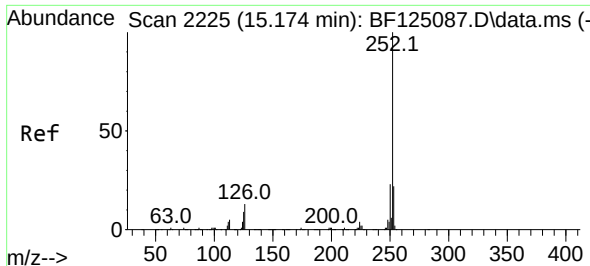


#88
Benzo(b)fluoranthene
Concen: 5.404 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF125297.D
Acq: 31 Aug 2021 19:49

Tgt Ion:252 Resp: 195768

Ion	Ratio	Lower	Upper
252	100		
253	23.5	16.8	25.2
125	10.6	9.8	14.8





#89

Benzo(k)fluoranthene

Concen: 5.791 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.035 min

Lab File: BF125297.D

Acq: 31 Aug 2021 19:49

Tgt Ion:252 Resp: 195768

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.8

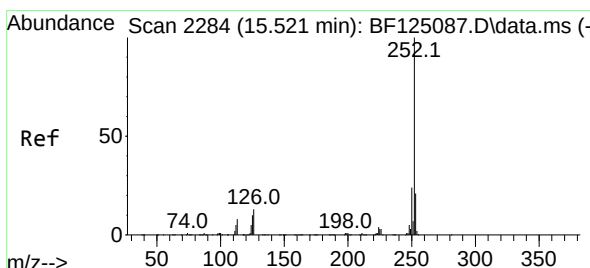
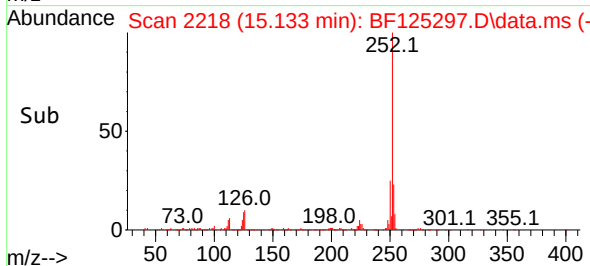
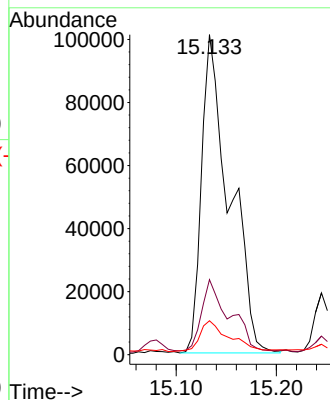
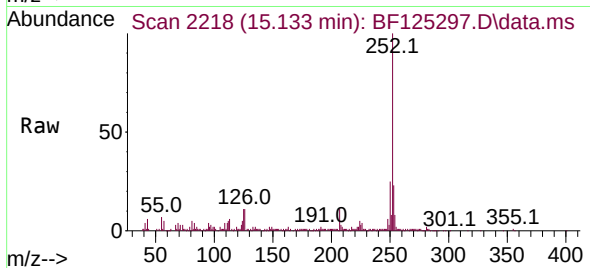
125 10.6 7.2 10.8

Instrument :

BNA_F

ClientSampleId :

191-0827-B1-DP



#90

Benzo(a)pyrene

Concen: 3.201 ng

RT: 15.515 min Scan# 2283

Delta R.T. 0.000 min

Lab File: BF125297.D

Acq: 31 Aug 2021 19:49

Tgt Ion:252 Resp: 102447

Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

125 11.2 9.9 14.9

