

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
 Data File : BF126927.D
 Acq On : 17 Feb 2022 15:21
 Operator : CG\JU
 Sample : N1564-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Feb 17 17:09:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

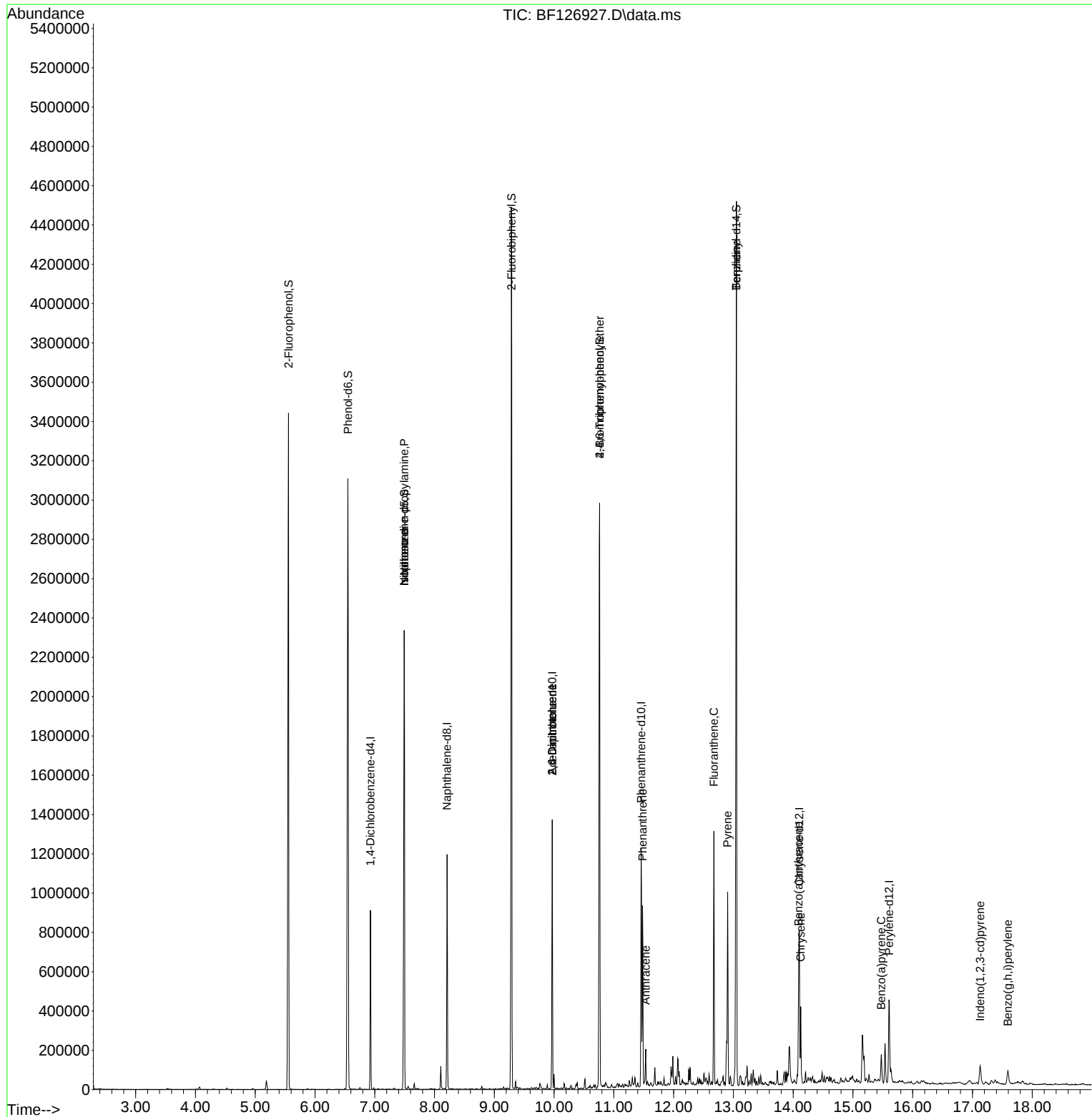
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	110248	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	453626	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	234866	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	407493	20.000	ng	0.00
76) Chrysene-d12	14.104	240	208996	20.000	ng	# 0.00
86) Perylene-d12	15.604	264	184323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	893230	125.222	ng	0.01
7) Phenol-d6	6.551	99	1206323	125.330	ng	0.00
23) Nitrobenzene-d5	7.492	82	854428	85.018	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	359605	132.982	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1369950	85.869	ng	0.00
79) Terphenyl-d14	13.051	244	1429872	100.575	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	118195	19.057	ng	# 78
25) Isophorone	7.492	82	853049	51.296	ng	# 69
51) 2,6-Dinitrotoluene	9.969	165	29978	8.777	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	29978	6.491	ng	# 16
67) 4-Bromophenyl-phenylether	10.763	248	22331	4.905	ng	# 1
71) Phenanthrene	11.480	178	301537	13.221	ng	99
72) Anthracene	11.533	178	59716	2.630	ng	98
75) Fluoranthene	12.674	202	437491	20.201	ng	95
77) Benzidine	13.051	184	22037	3.880	ng	98
78) Pyrene	12.904	202	356711	19.646	ng	99
81) Benzo(a)anthracene	14.092	228	149272	10.594	ng	99
83) Chrysene	14.127	228	119353	9.008	ng	97
87) Indeno(1,2,3-cd)pyrene	17.127	276	59027	4.884	ng	# 85
90) Benzo(a)pyrene	15.474	252	60197	6.225	ng	98
92) Benzo(g,h,i)perylene	17.592	276	54749	5.556	ng	# 90

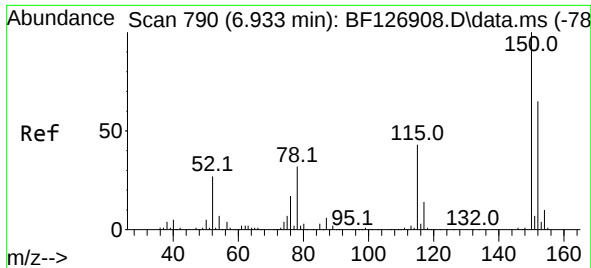
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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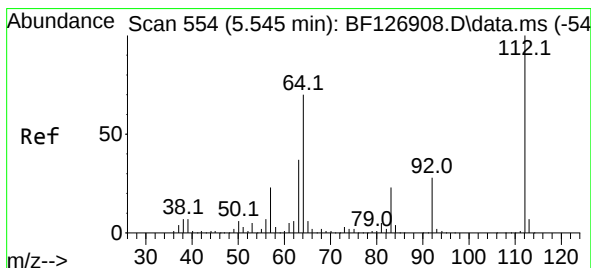
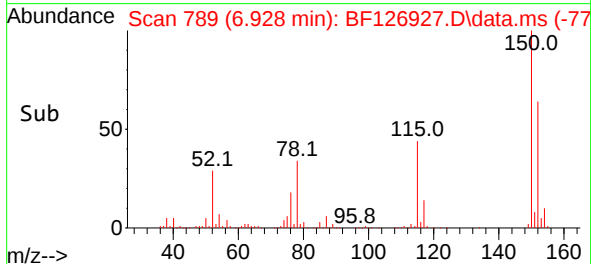
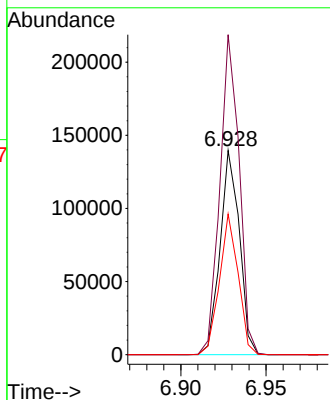
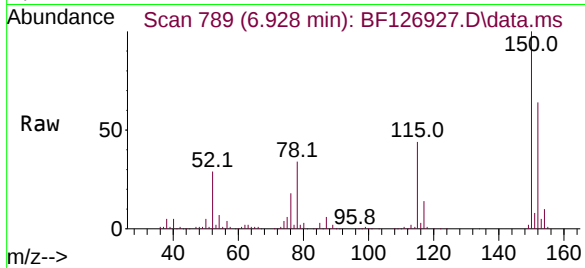




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126927.D
Acq: 17 Feb 2022 15:21

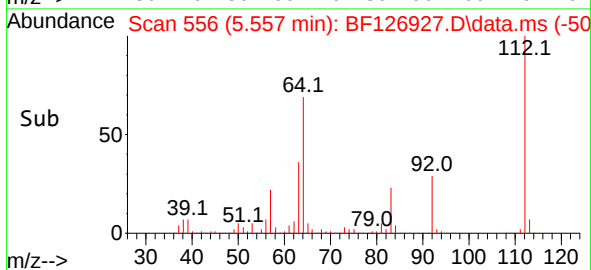
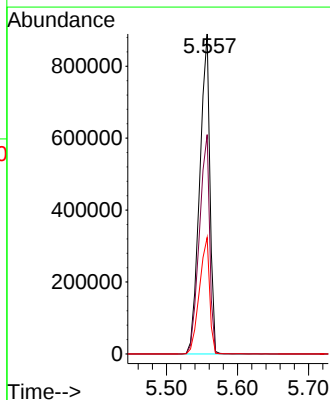
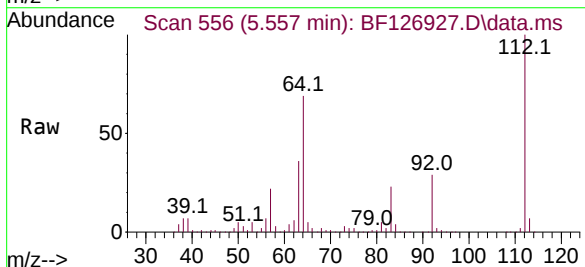
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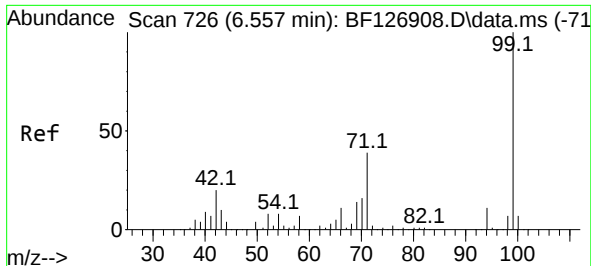
Tgt Ion:152 Resp: 110248
Ion Ratio Lower Upper
152 100
150 156.7 128.1 192.1
115 68.9 56.7 85.1



#5
2-Fluorophenol
Concen: 125.222 ng
RT: 5.557 min Scan# 556
Delta R.T. 0.012 min
Lab File: BF126927.D
Acq: 17 Feb 2022 15:21

Tgt Ion:112 Resp: 893230
Ion Ratio Lower Upper
112 100
64 68.5 49.5 74.3
63 36.4 23.9 35.9#

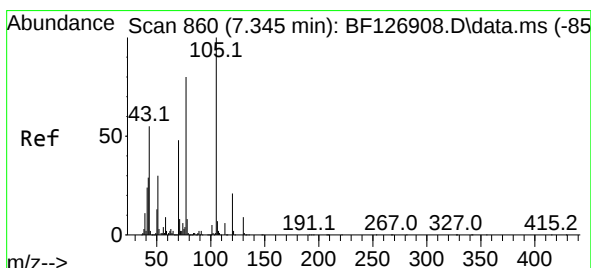
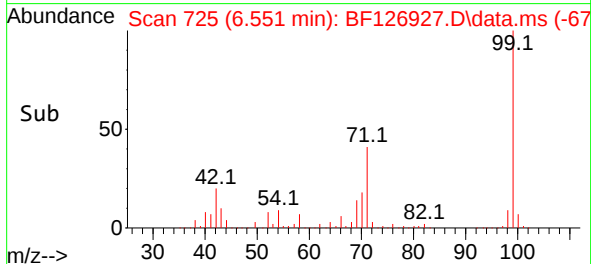
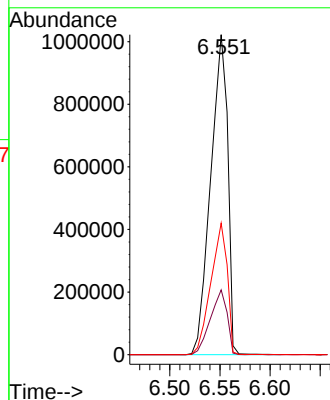
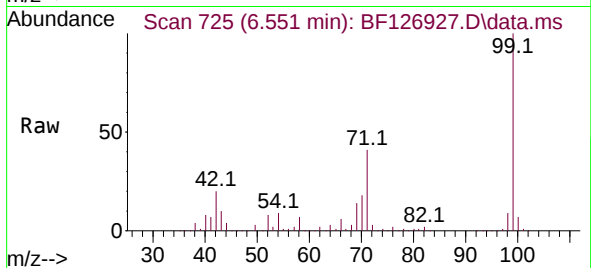




#7
Phenol-d6
Concen: 125.330 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126927.D
Acq: 17 Feb 2022 15:21

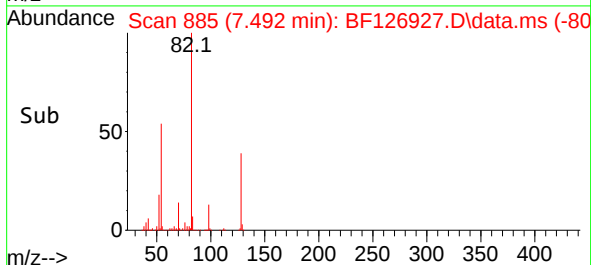
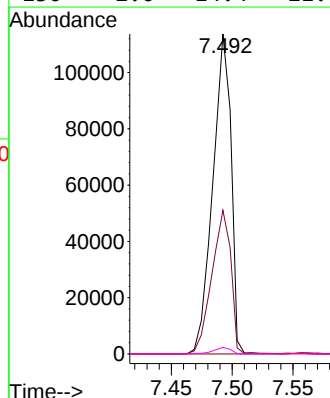
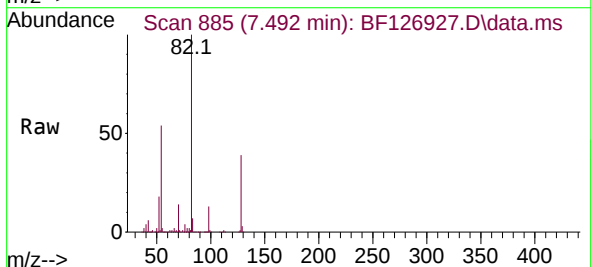
Instrument :
BNA_F
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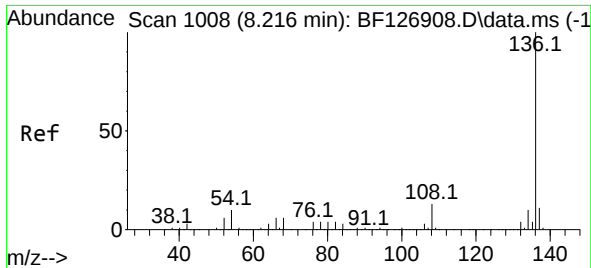
Tgt Ion: 99 Resp: 1206323
Ion Ratio Lower Upper
99 100
42 20.2 14.2 21.4
71 41.1 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 19.057 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF126927.D
Acq: 17 Feb 2022 15:21

Tgt Ion: 70 Resp: 118195
Ion Ratio Lower Upper
70 100
42 44.9 45.8 68.8#
101 0.0 6.9 10.3#
130 2.0 14.4 21.6#

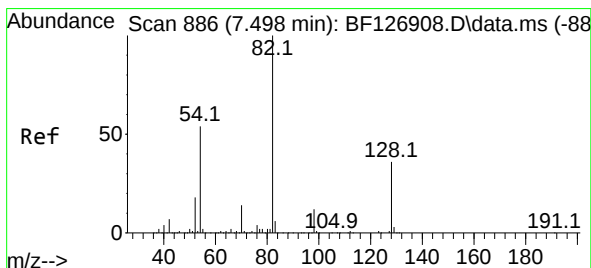
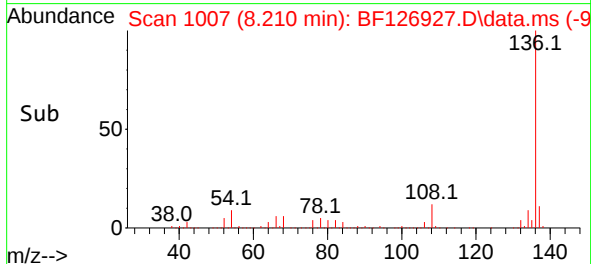
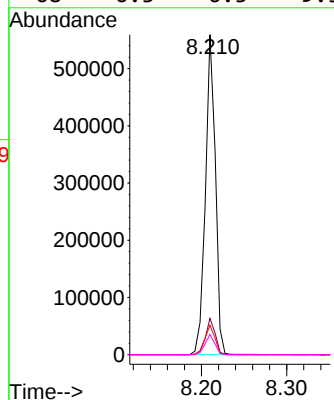
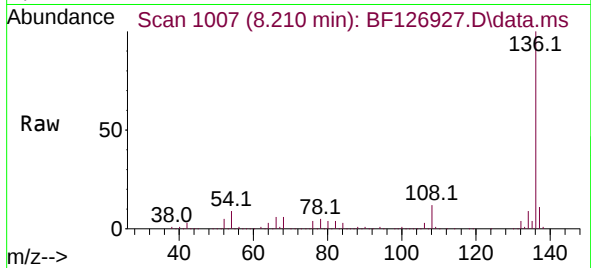




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126927.D
Acq: 17 Feb 2022 15:21

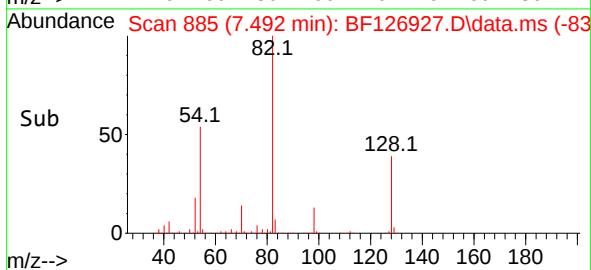
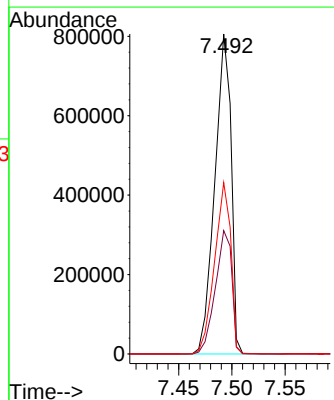
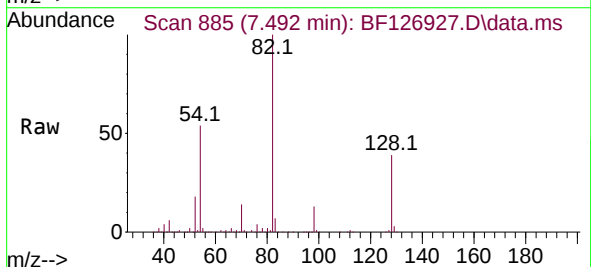
Instrument :
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ClientSampleId :
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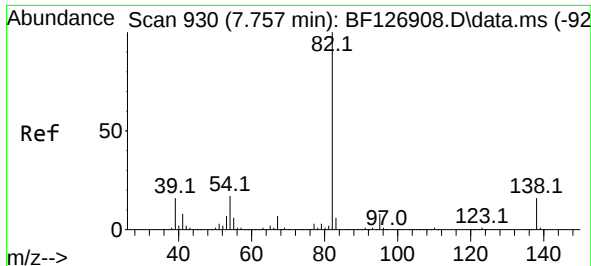
Tgt Ion:136 Resp: 453626
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.2 7.8 11.6
68 6.3 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 85.018 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF126927.D
Acq: 17 Feb 2022 15:21

Tgt Ion: 82 Resp: 854428
Ion Ratio Lower Upper
82 100
128 38.5 32.7 49.1
54 53.5 41.7 62.5

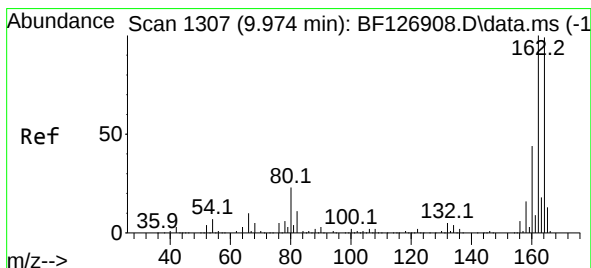
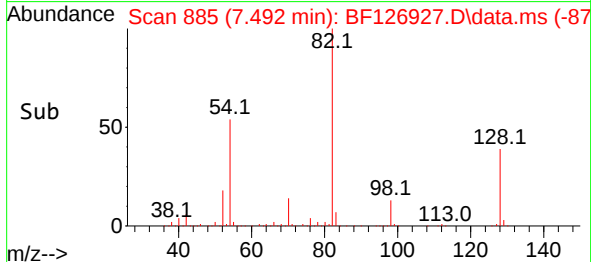
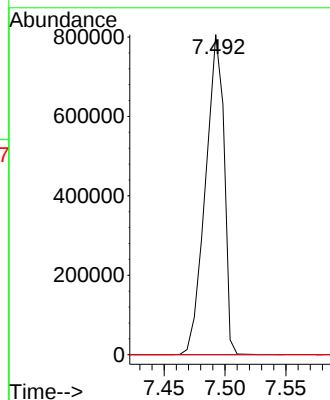
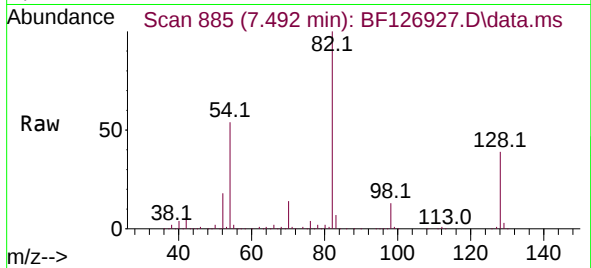




#25
Isophorone
Concen: 51.296 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF126927.D
Acq: 17 Feb 2022 15:21

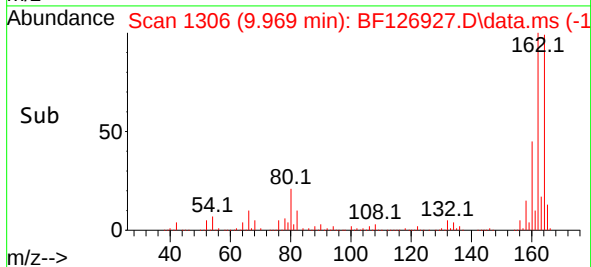
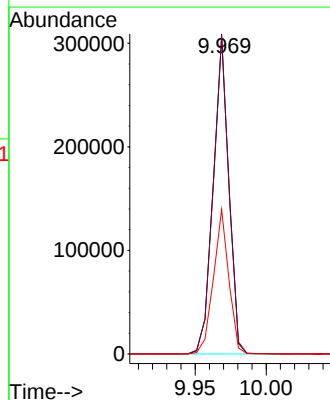
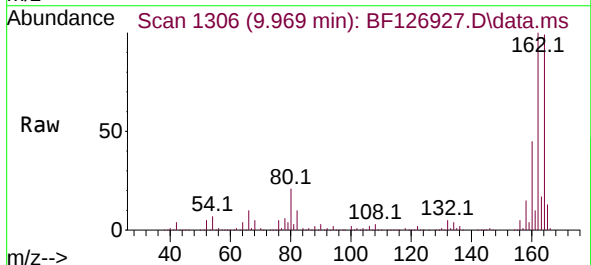
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ClientSampleId :
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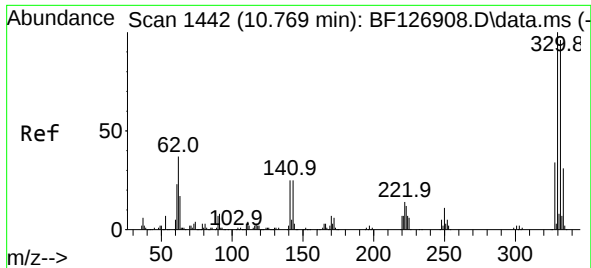
Tgt Ion: 82 Resp: 853049
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF126927.D
Acq: 17 Feb 2022 15:21

Tgt Ion: 164 Resp: 234866
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 45.7 36.6 54.8

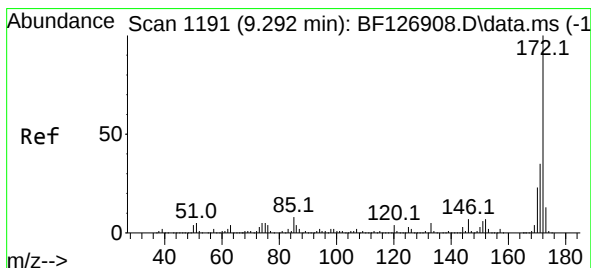
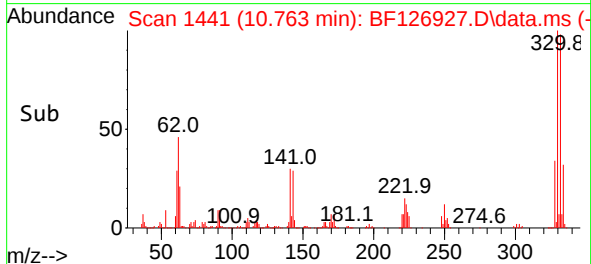
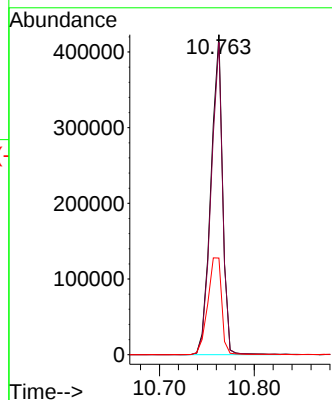
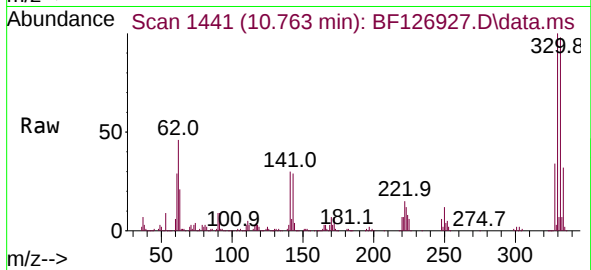




#42
 2,4,6-Tribromophenol
 Concen: 132.982 ng
 RT: 10.763 min Scan# 1441
 Delta R.T. -0.006 min
 Lab File: BF126927.D
 Acq: 17 Feb 2022 15:21

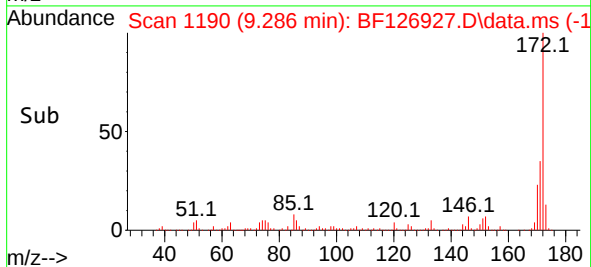
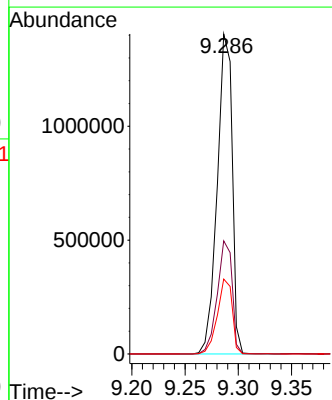
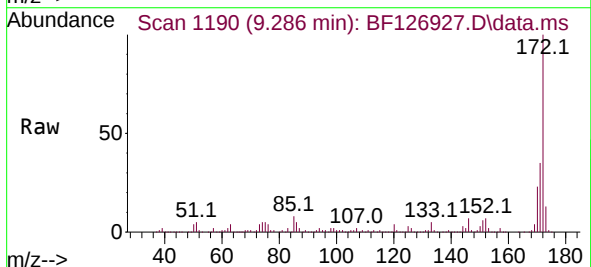
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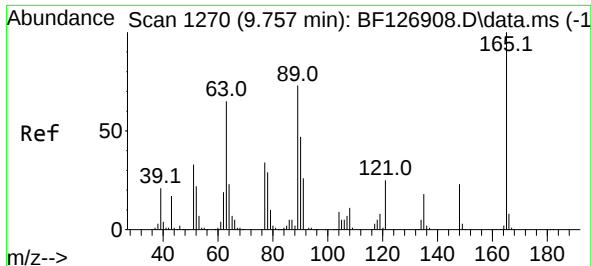
Tgt Ion:330 Resp: 359605
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.0 114.0
 141 36.3 30.1 45.1



#45
 2-Fluorobiphenyl
 Concen: 85.869 ng
 RT: 9.286 min Scan# 1190
 Delta R.T. -0.006 min
 Lab File: BF126927.D
 Acq: 17 Feb 2022 15:21

Tgt Ion:172 Resp: 1369950
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 23.4 19.0 28.6

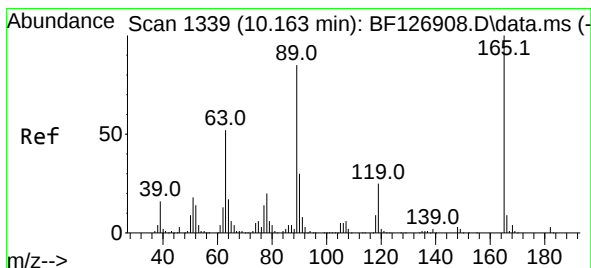
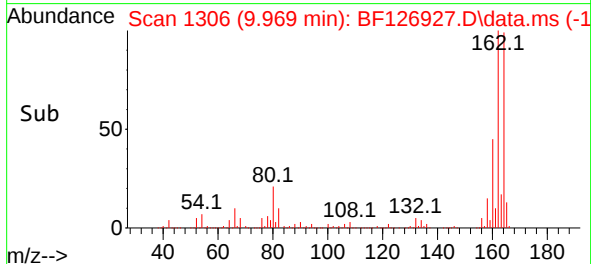
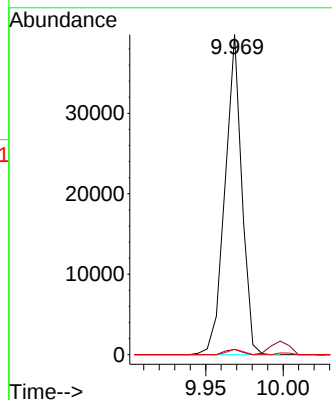
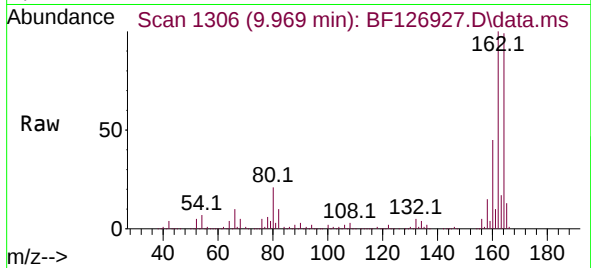




#51
2,6-Dinitrotoluene
Concen: 8.777 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126927.D
Acq: 17 Feb 2022 15:21

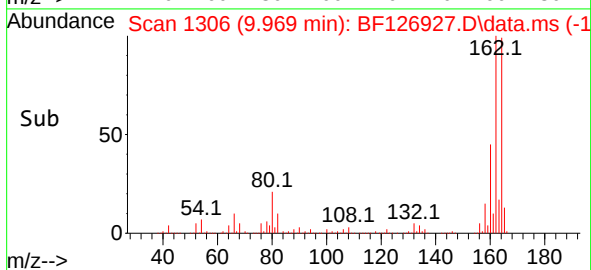
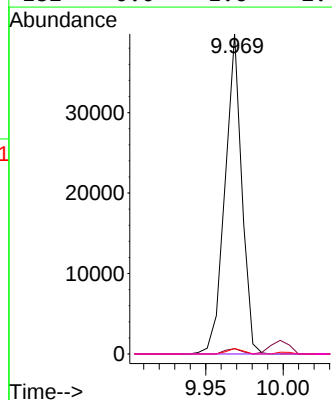
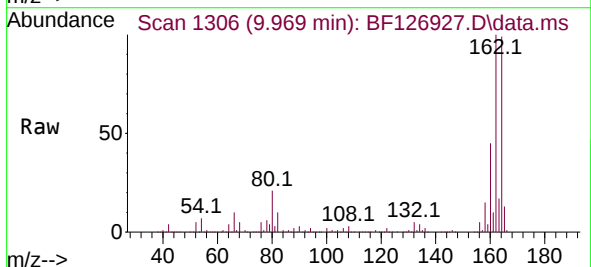
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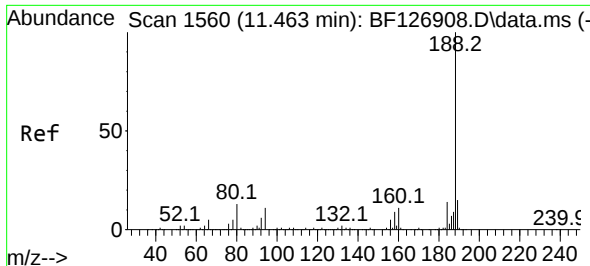
Tgt Ion:165 Resp: 29978
Ion Ratio Lower Upper
165 100
63 1.6 48.4 72.6#
89 1.7 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.491 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF126927.D
Acq: 17 Feb 2022 15:21

Tgt Ion:165 Resp: 29978
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 1.7 71.0 106.4#
182 0.0 1.6 2.4#

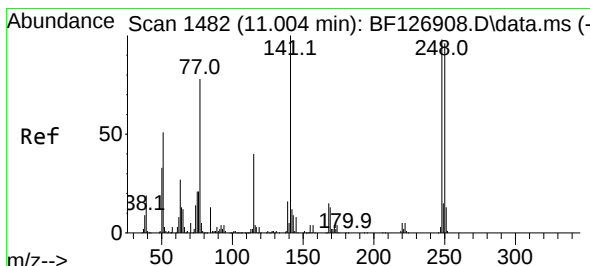
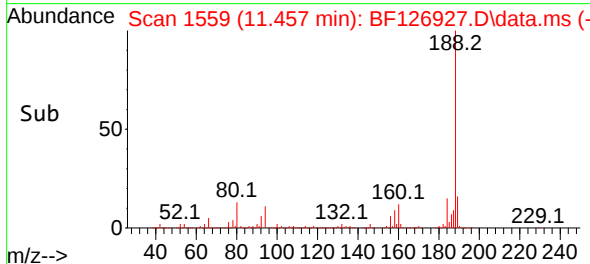
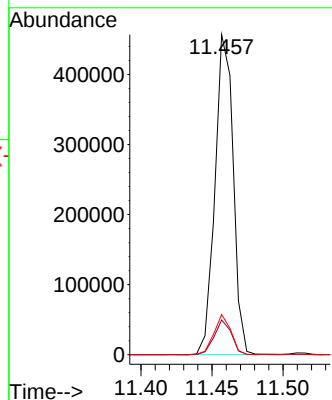
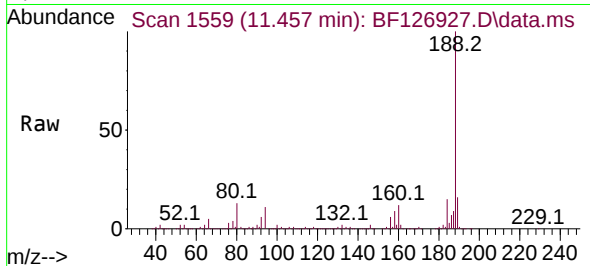




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126927.D
Acq: 17 Feb 2022 15:21

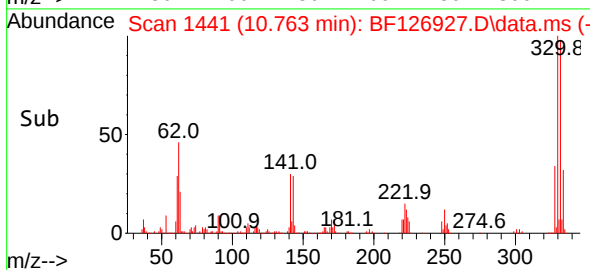
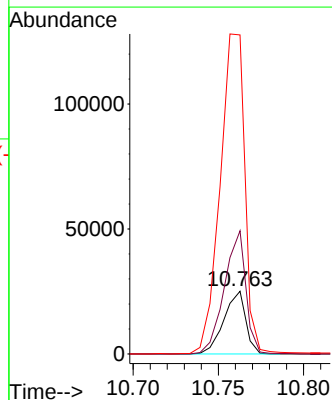
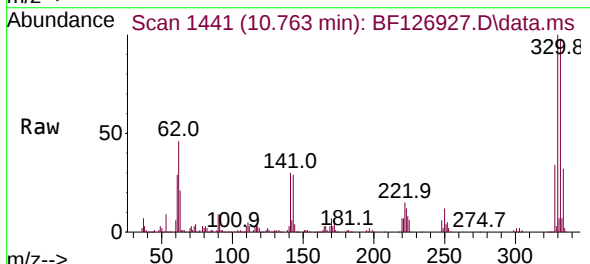
Instrument :
BNA_F
ClientSampleId :
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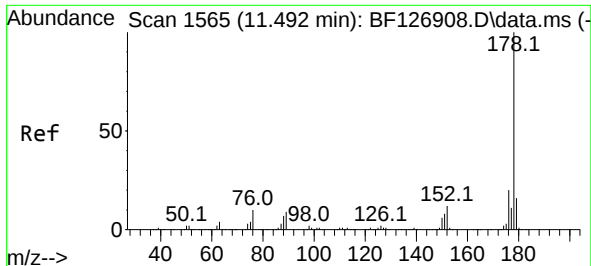
Tgt Ion:188 Resp: 407493
Ion Ratio Lower Upper
188 100
94 10.9 10.1 15.1
80 12.5 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.905 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.241 min
Lab File: BF126927.D
Acq: 17 Feb 2022 15:21

Tgt Ion:248 Resp: 22331
Ion Ratio Lower Upper
248 100
250 196.3 76.2 114.4#
141 508.2 66.2 99.4#

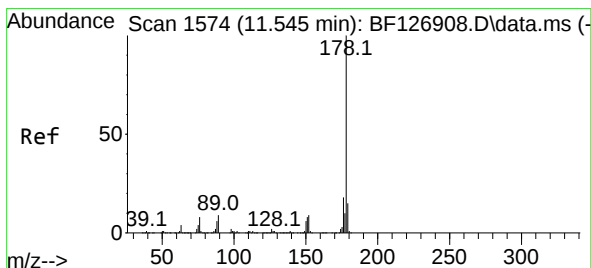
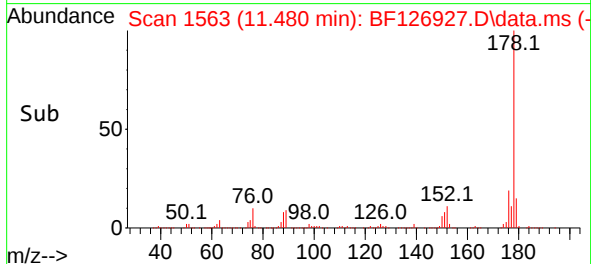
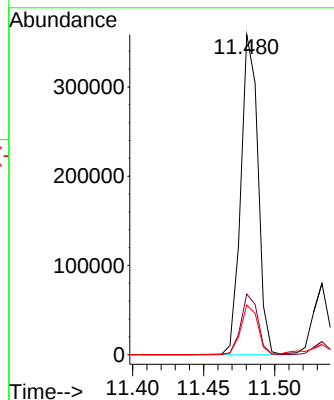
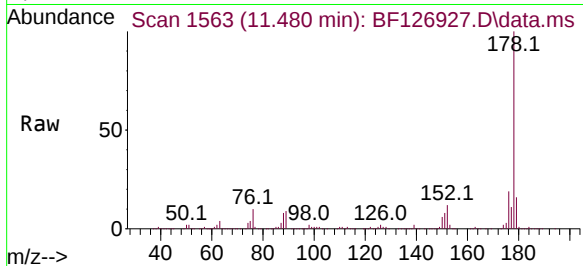




#71
Phenanthrene
Concen: 13.221 ng
RT: 11.480 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BF126927.D
Acq: 17 Feb 2022 15:21

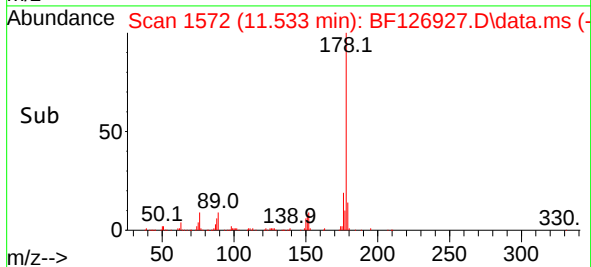
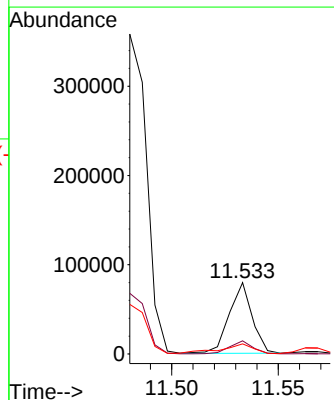
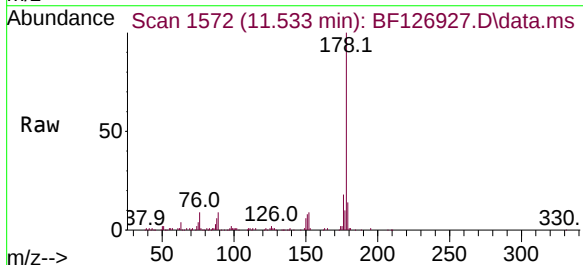
Instrument :
BNA_F
ClientSampleId :
TP-3

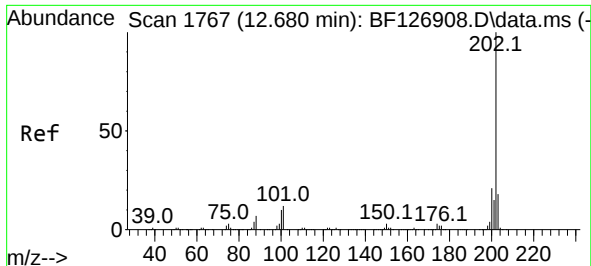
Tgt Ion:178 Resp: 301537
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 15.5 12.3 18.5



#72
Anthracene
Concen: 2.630 ng
RT: 11.533 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF126927.D
Acq: 17 Feb 2022 15:21

Tgt Ion:178 Resp: 59716
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 14.1 12.5 18.7

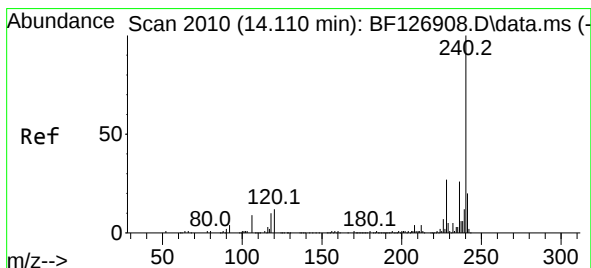
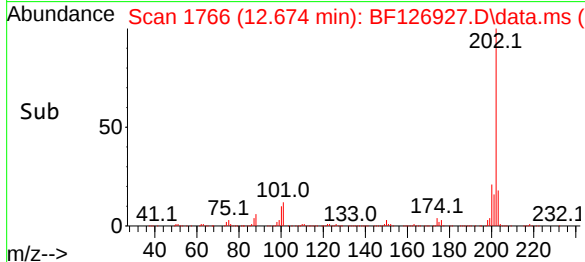
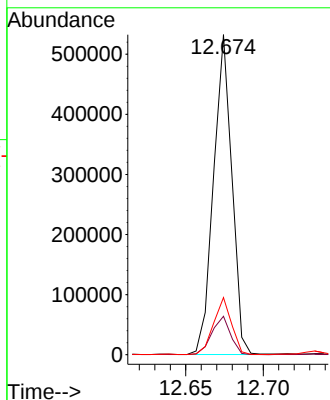
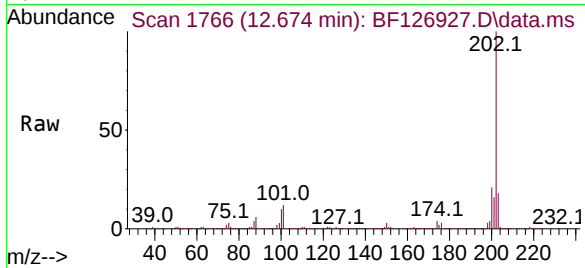




#75
Fluoranthene
Concen: 20.201 ng
RT: 12.674 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126927.D
Acq: 17 Feb 2022 15:21

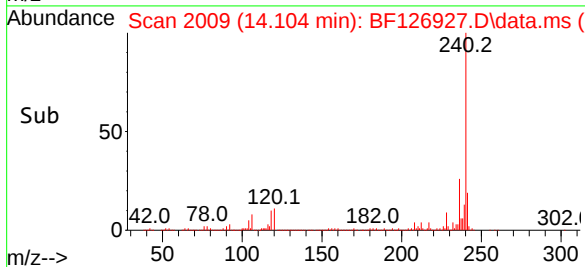
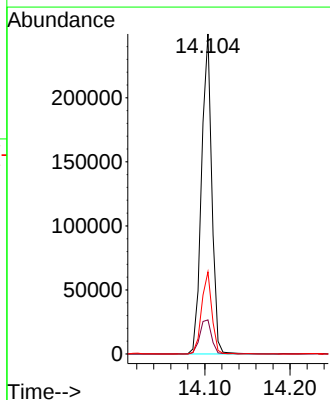
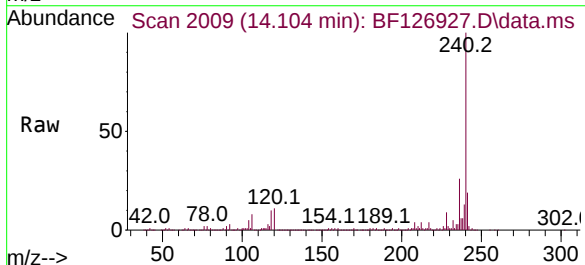
Instrument :
BNA_F
ClientSampleId :
TP-3

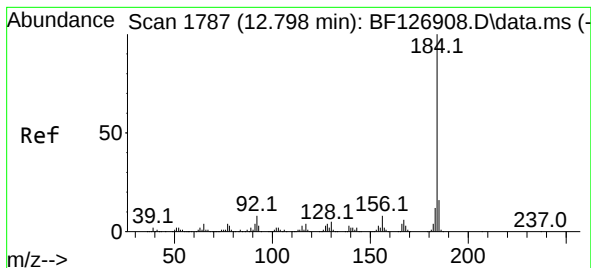
Tgt Ion:202 Resp: 437491
Ion Ratio Lower Upper
202 100
101 12.0 0.0 35.7
203 17.9 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF126927.D
Acq: 17 Feb 2022 15:21

Tgt Ion:240 Resp: 208996
Ion Ratio Lower Upper
240 100
120 10.7 14.4 21.6#
236 25.6 20.5 30.7





#77

Benzidine

Concen: 3.880 ng

RT: 13.051 min Scan# 1830

Delta R.T. 0.253 min

Lab File: BF126927.D

Acq: 17 Feb 2022 15:21

Instrument :

BNA_F

ClientSampleId :

TP-3

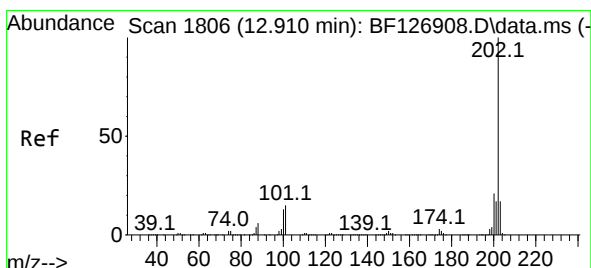
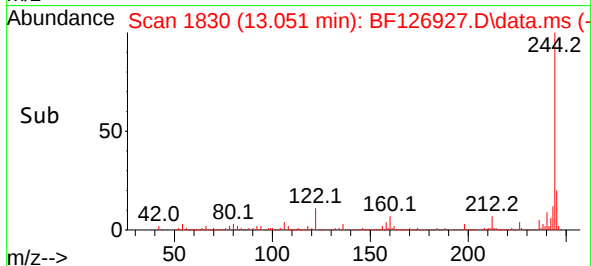
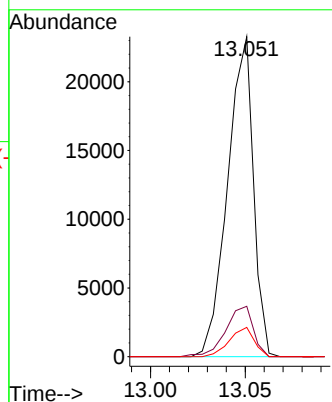
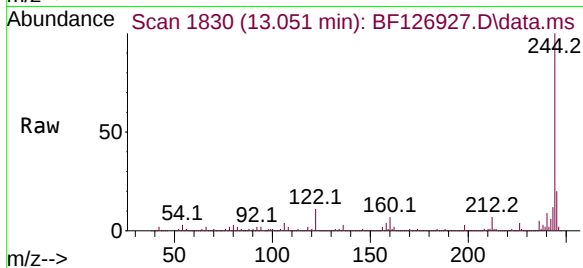
Tgt Ion:184 Resp: 22037

Ion Ratio Lower Upper

184 100

185 15.7 11.8 17.8

183 9.1 8.2 12.2



#78

Pyrene

Concen: 19.646 ng

RT: 12.904 min Scan# 1805

Delta R.T. -0.006 min

Lab File: BF126927.D

Acq: 17 Feb 2022 15:21

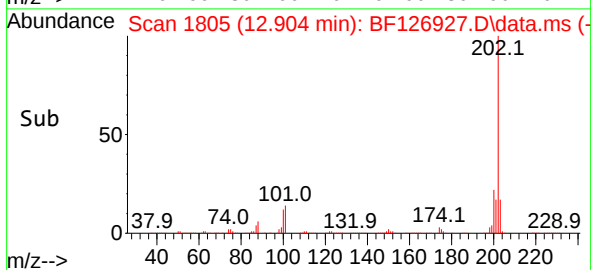
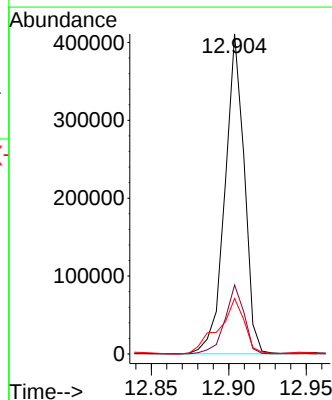
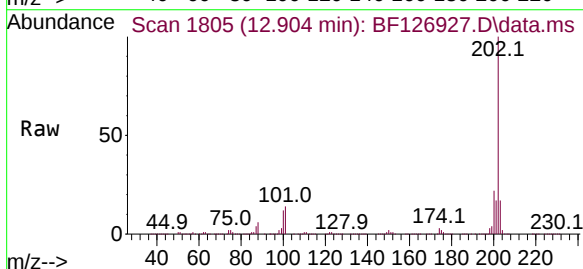
Tgt Ion:202 Resp: 356711

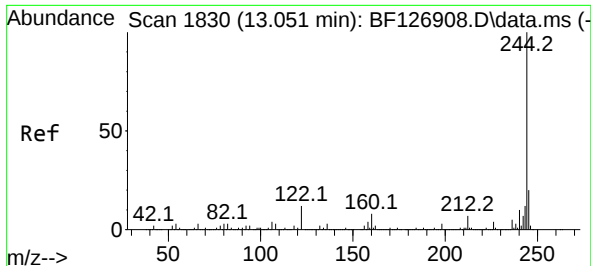
Ion Ratio Lower Upper

202 100

200 21.6 16.6 24.8

203 17.3 13.8 20.8

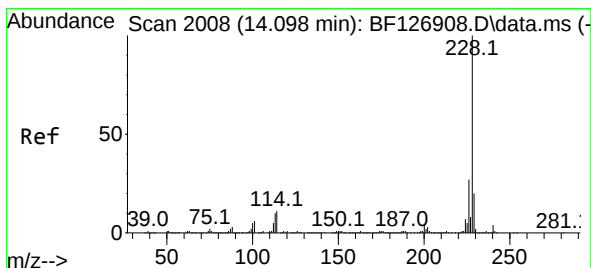
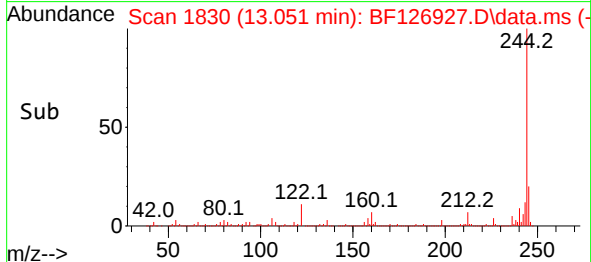
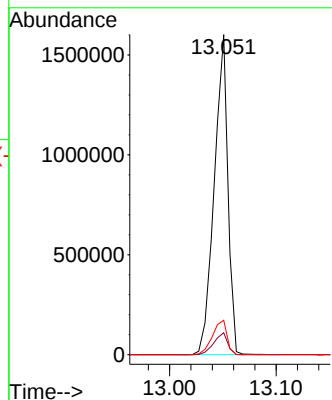
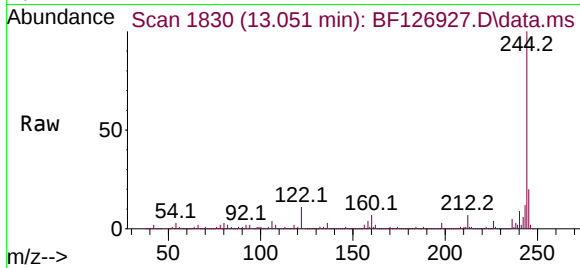




#79
 Terphenyl-d14
 Concen: 100.575 ng
 RT: 13.051 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF126927.D
 Acq: 17 Feb 2022 15:21

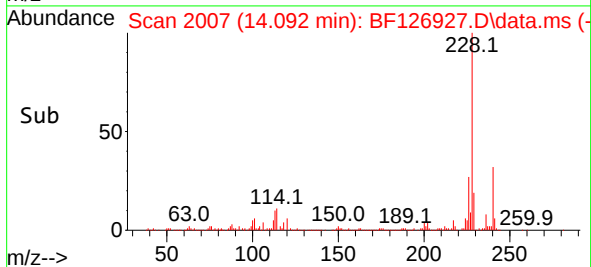
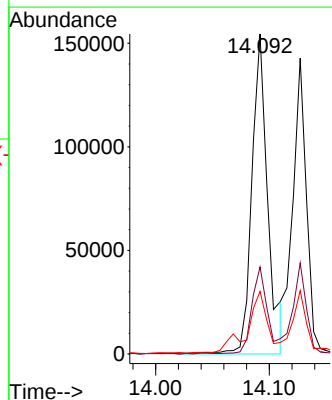
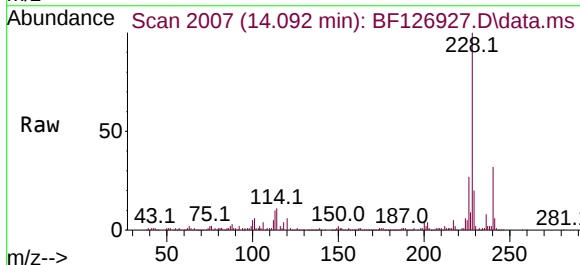
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

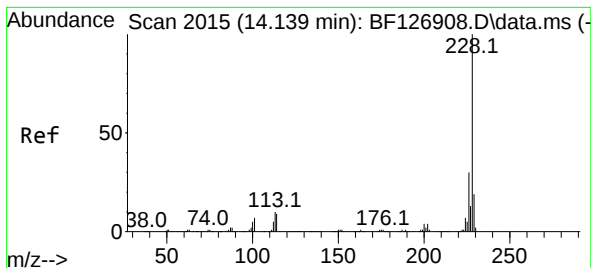
Tgt Ion:244 Resp: 1429872
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 10.7 13.3 19.9#



#81
 Benzo(a)anthracene
 Concen: 10.594 ng
 RT: 14.092 min Scan# 2007
 Delta R.T. -0.006 min
 Lab File: BF126927.D
 Acq: 17 Feb 2022 15:21

Tgt Ion:228 Resp: 149272
 Ion Ratio Lower Upper
 228 100
 226 27.2 21.4 32.0
 229 19.6 15.4 23.2





#83

Chrysene

Concen: 9.008 ng

RT: 14.127 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF126927.D

Acq: 17 Feb 2022 15:21

Instrument :

BNA_F

ClientSampleId :

TP-3

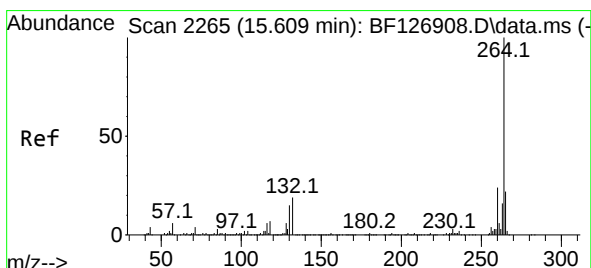
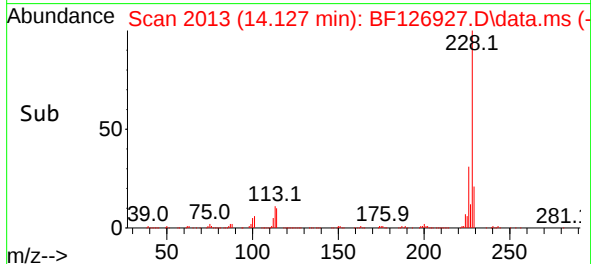
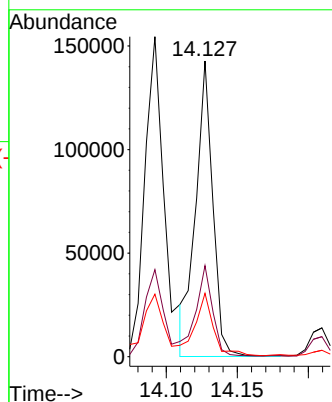
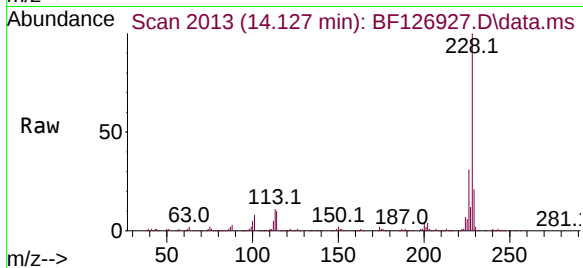
Tgt Ion:228 Resp: 119353

Ion Ratio Lower Upper

228 100

226 30.8 23.7 35.5

229 21.4 15.5 23.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.604 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF126927.D

Acq: 17 Feb 2022 15:21

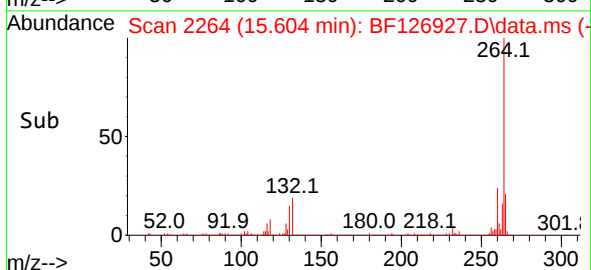
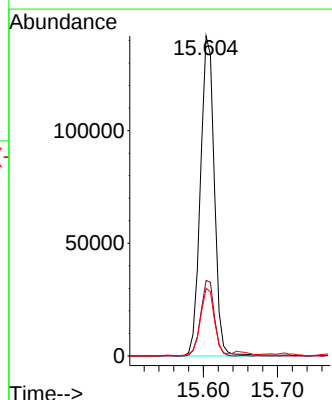
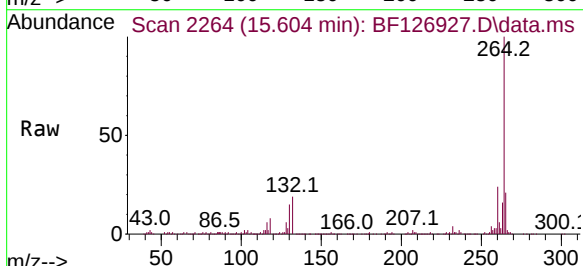
Tgt Ion:264 Resp: 184323

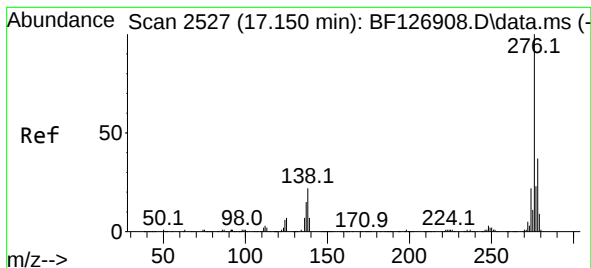
Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.2 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.884 ng

RT: 17.127 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF126927.D

Acq: 17 Feb 2022 15:21

Instrument :

BNA_F

ClientSampleId :

TP-3

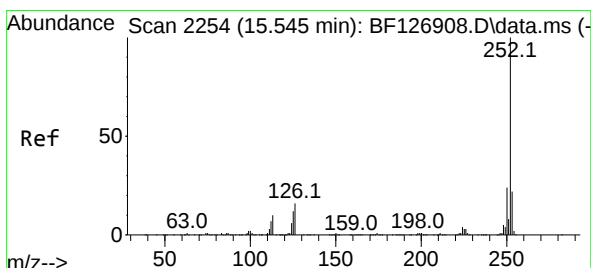
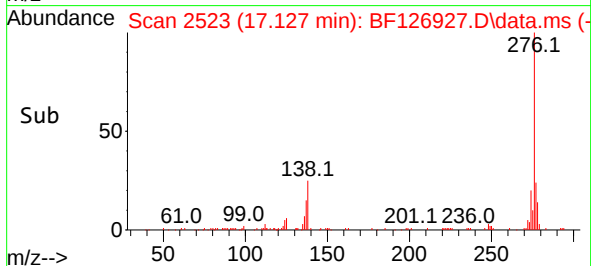
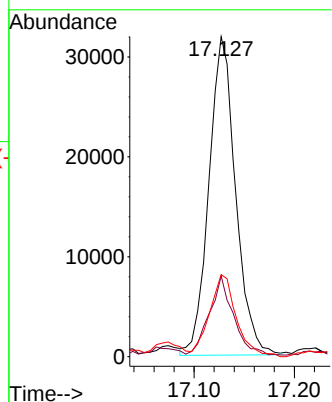
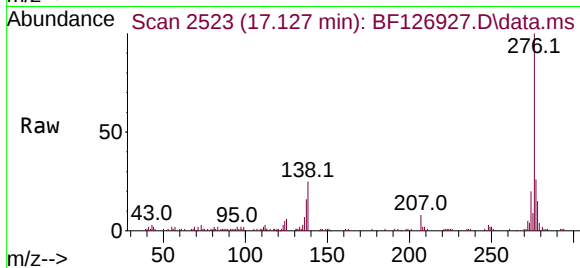
Tgt Ion:276 Resp: 59027

Ion Ratio Lower Upper

276 100

138 22.7 29.2 43.8#

277 25.7 19.8 29.8



#90

Benzo(a)pyrene

Concen: 6.225 ng

RT: 15.474 min Scan# 2242

Delta R.T. -0.071 min

Lab File: BF126927.D

Acq: 17 Feb 2022 15:21

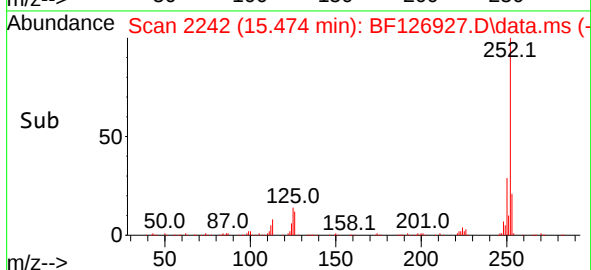
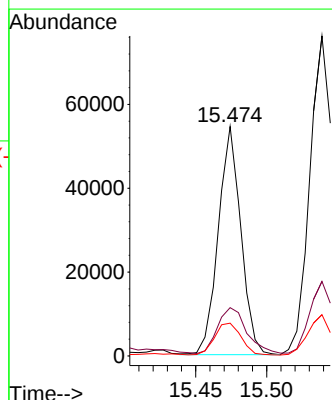
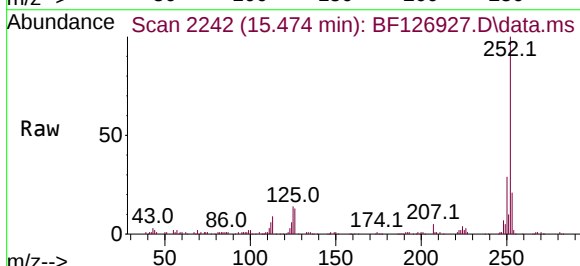
Tgt Ion:252 Resp: 60197

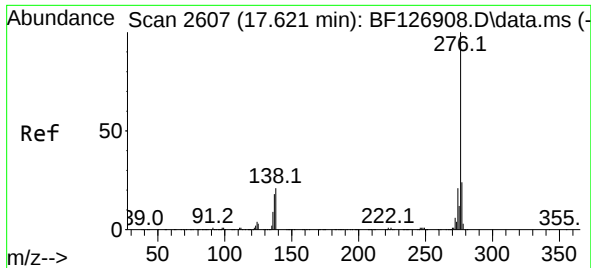
Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

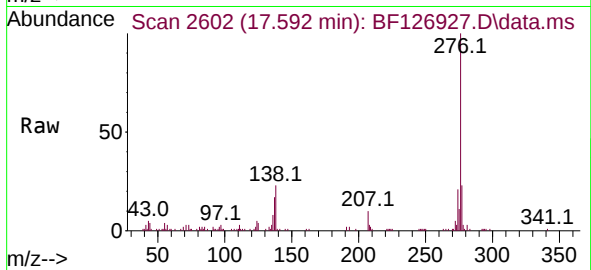
125 14.3 13.0 19.6





#92
 Benzo(g,h,i)perylene
 Concen: 5.556 ng
 RT: 17.592 min Scan# 20
 Delta R.T. -0.029 min
 Lab File: BF126927.D
 Acq: 17 Feb 2022 15:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-3



Tgt Ion:276 Resp: 54749
 Ion Ratio Lower Upper
 276 100
 277 23.1 18.5 27.7
 138 22.6 25.9 38.9#

