

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
 Data File : BF125956.D
 Acq On : 27 Oct 2021 3:02
 Operator : JU/CG
 Sample : M4357-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102521

Manual Integrations
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Quant Time: Oct 27 09:06:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 25 18:49:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	162404	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	558127	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	262573	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	483549	20.000	ng	0.00
76) Chrysene-d12	14.027	240	314399	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	246936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	565188	51.838	ng	0.00
7) Phenol-d6	6.487	99	650235	43.481	ng	0.00
23) Nitrobenzene-d5	7.422	82	392509	36.326	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	113207	49.458	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	593704	39.986	ng	0.00
79) Terphenyl-d14	12.974	244	646395	33.630	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	109816	4.377	ng	99
75) Fluoranthene	12.598	202	165935	6.560	ng	94
78) Pyrene	12.827	202	162483	5.553	ng	98
81) Benzo(a)anthracene	14.016	228	64629	3.054	ng	# 93
83) Chrysene	14.051	228	56969	2.661	ng	# 92
88) Benzo(b)fluoranthene	15.068	252	51939m	3.187	ng	
90) Benzo(a)pyrene	15.433	252	38530	2.928	ng	# 80

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

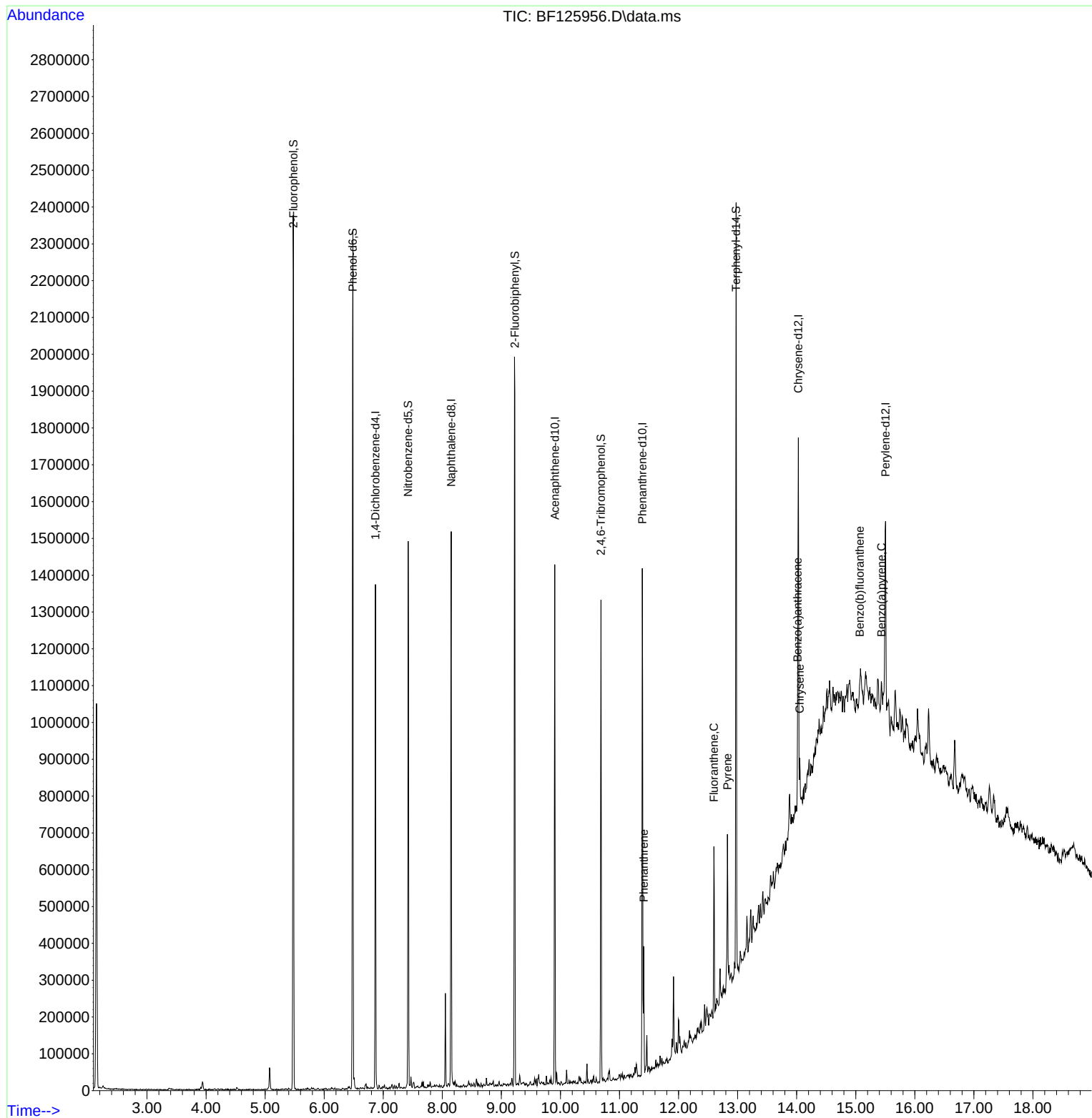
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
Data File : BF125956.D
Acq On : 27 Oct 2021 3:02
Operator : JU/CG
Sample : M4357-01 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

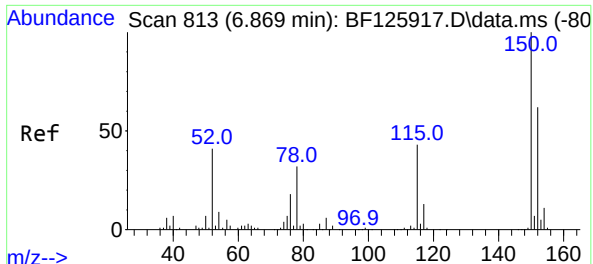
Instrument :
BNA_F
ClientSampleId :
CL-01-102521

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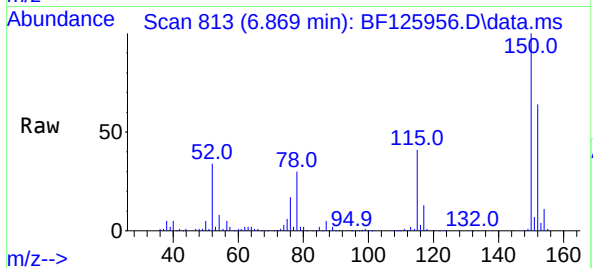
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Quant Time: Oct 27 09:06:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration

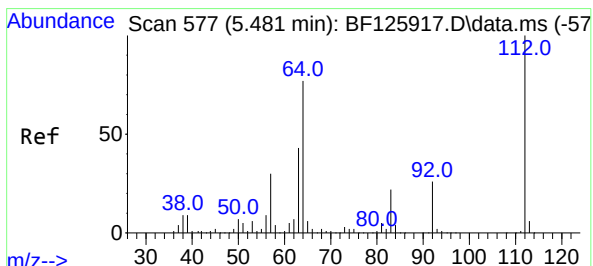
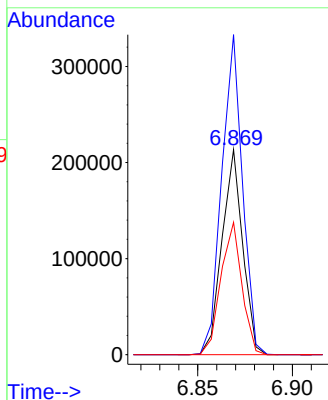
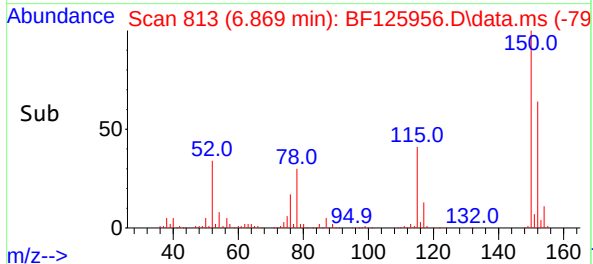




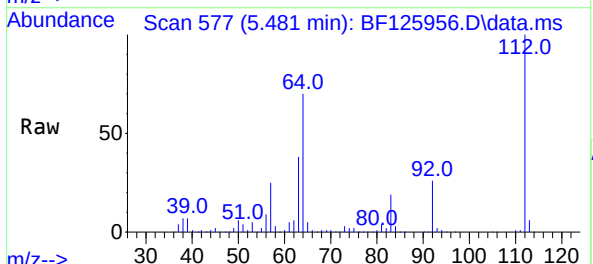
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125956.D
Acq: 27 Oct 2021 3:02



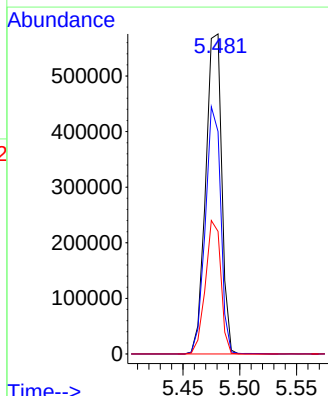
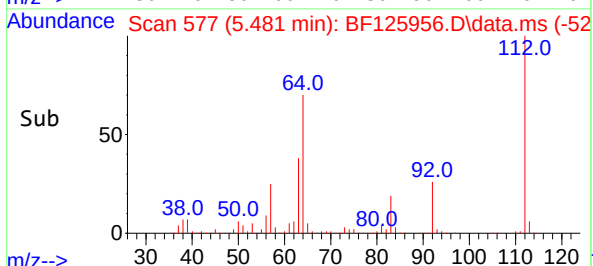
Tgt Ion:152 Resp: 162404
Ion Ratio Lower Upper
152 100
150 155.9 117.6 176.4
115 64.5 47.1 70.7



#5
2-Fluorophenol
Concen: 51.838 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF125956.D
Acq: 27 Oct 2021 3:02



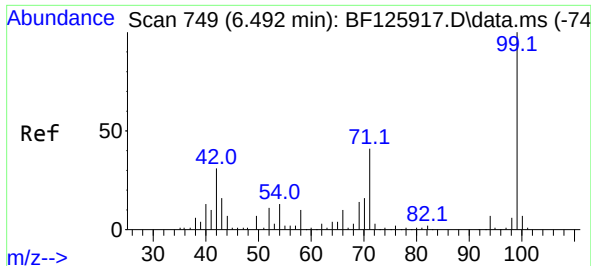
Tgt Ion:112 Resp: 565188
Ion Ratio Lower Upper
112 100
64 69.5 44.2 66.2#
63 38.3 26.2 39.2



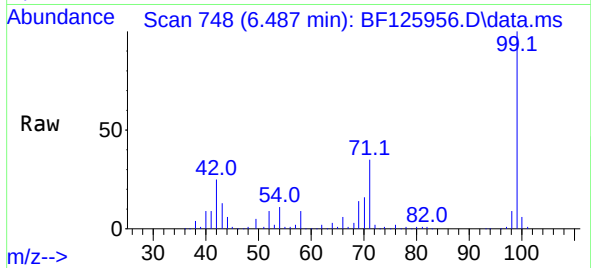
Instrument :
BNA_F
ClientSampled :
CL-01-102521

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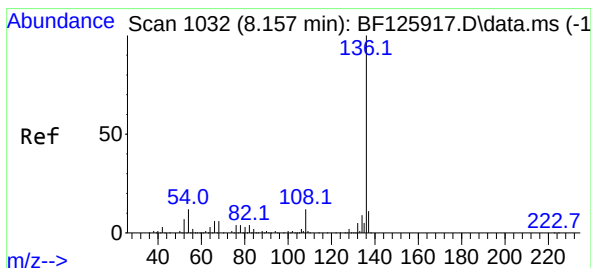
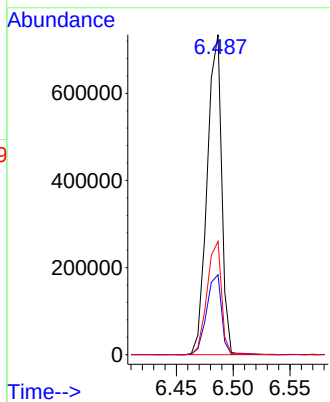
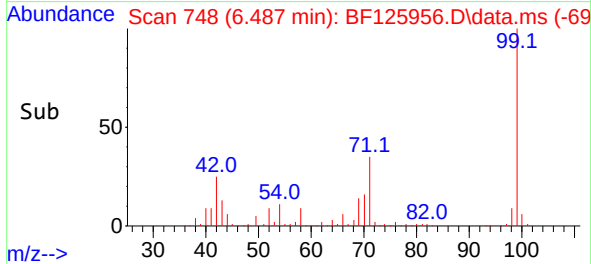
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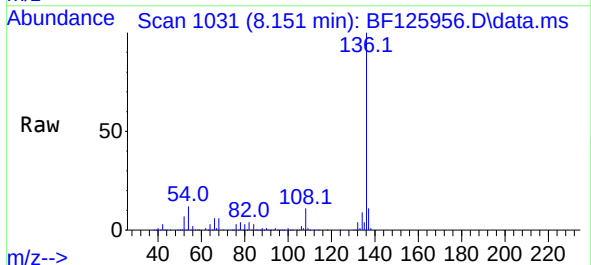
#7
Phenol-d6
Concen: 43.481 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF125956.D
Acq: 27 Oct 2021 3:02



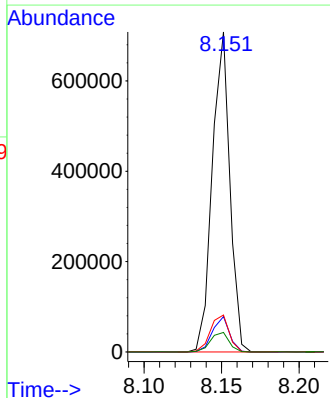
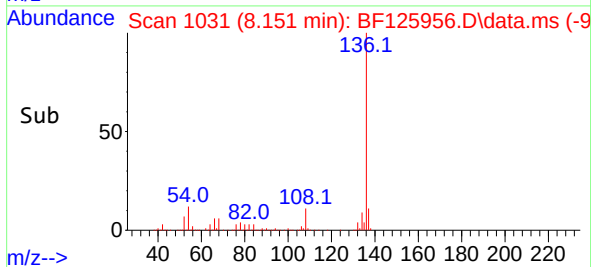
Tgt Ion: 99 Resp: 650235
Ion Ratio Lower Upper
99 100
42 25.0 23.5 35.3
71 35.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125956.D
Acq: 27 Oct 2021 3:02



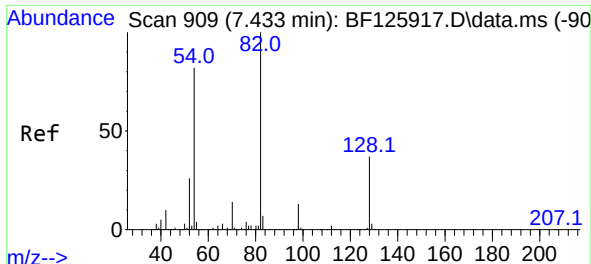
Tgt Ion: 136 Resp: 558127
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 11.6 6.4 9.6#
68 6.1 3.3 4.9#



Instrument :
BNA_F
ClientSampleId :
CL-01-102521

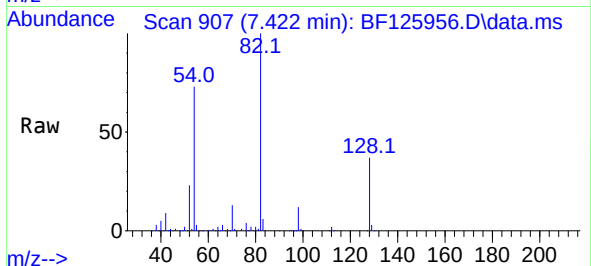
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#23
Nitrobenzene-d5
Concen: 36.326 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF125956.D
Acq: 27 Oct 2021 3:02

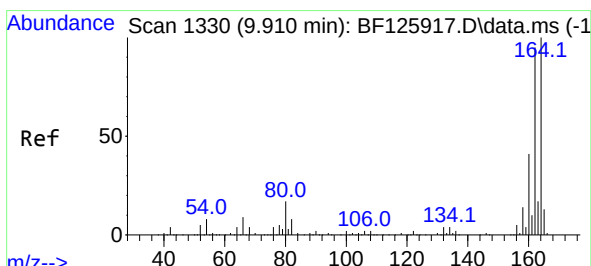
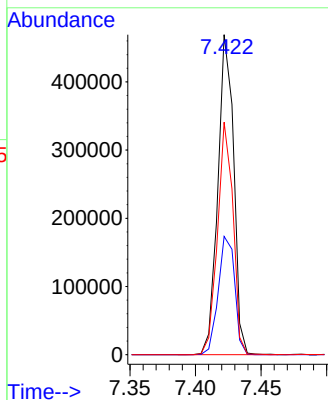
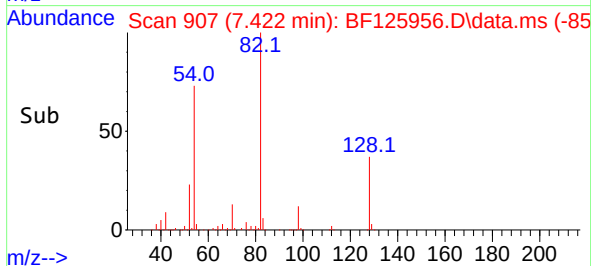
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ClientSampleId :
CL-01-102521



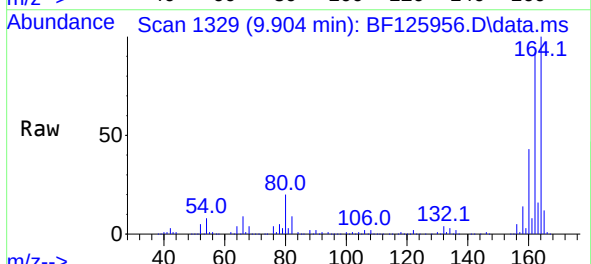
Tgt Ion: 82 Resp: 392509
Ion Ratio Lower Upper
82 100
128 37.0 40.6 60.8#
54 72.7 49.6 74.4

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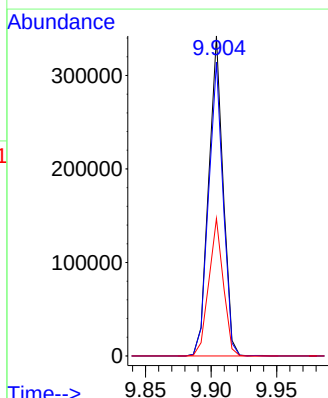
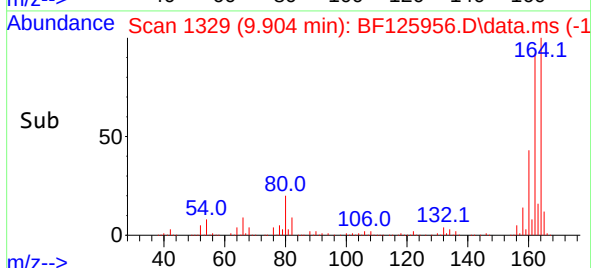
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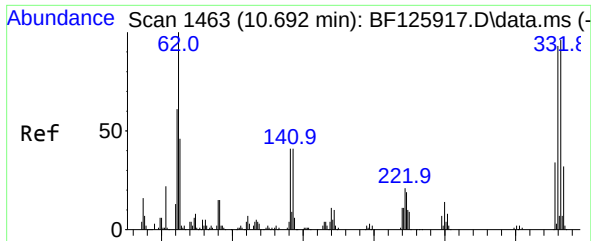


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125956.D
Acq: 27 Oct 2021 3:02



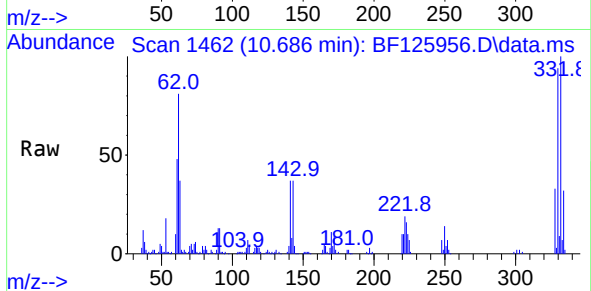
Tgt Ion: 164 Resp: 262573
Ion Ratio Lower Upper
164 100
162 91.9 81.3 121.9
160 43.0 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 49.458 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF125956.D
Acq: 27 Oct 2021 3:02

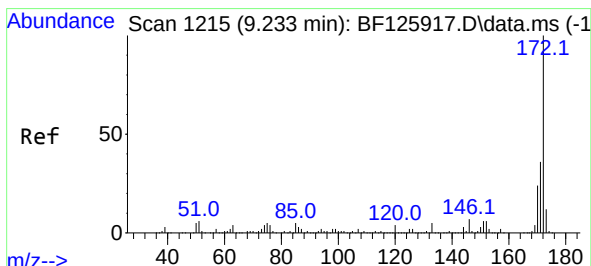
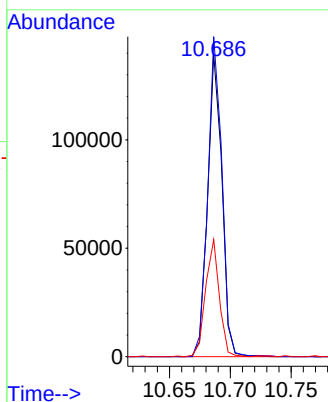
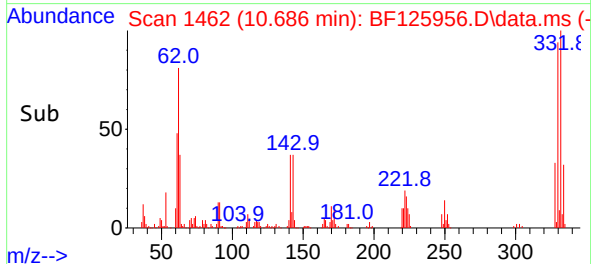
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BNA_F
ClientSampled :
CL-01-102521



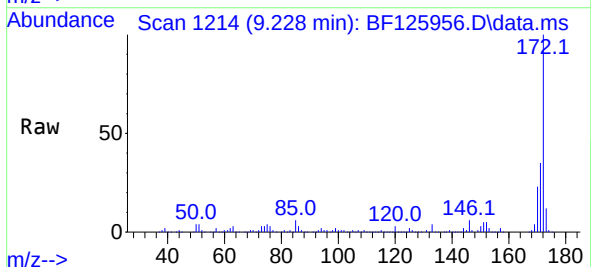
Tgt Ion: 330 Resp: 113207
Ion Ratio Lower Upper
330 100
332 104.9 76.2 114.4
141 37.5 44.6 66.8#

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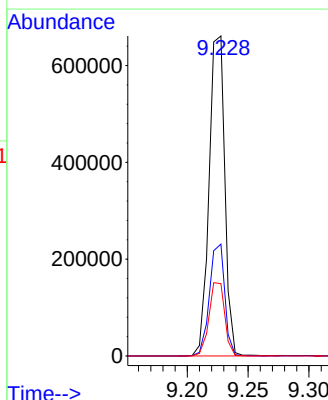
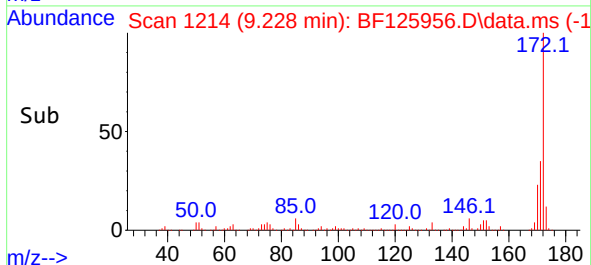
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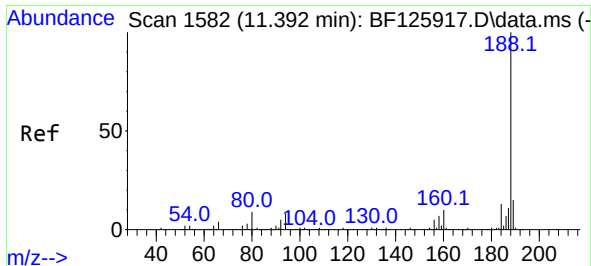


#45
2-Fluorobiphenyl
Concen: 39.986 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125956.D
Acq: 27 Oct 2021 3:02



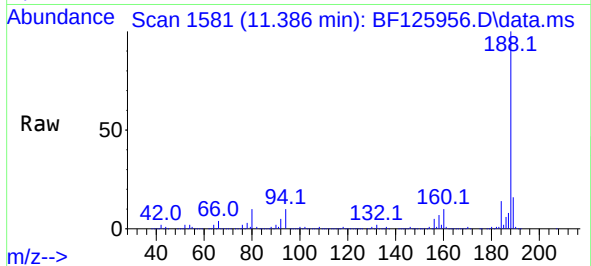
Tgt Ion: 172 Resp: 593704
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 22.6 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF125956.D
Acq: 27 Oct 2021 3:02

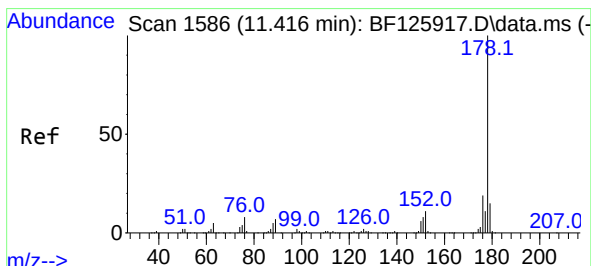
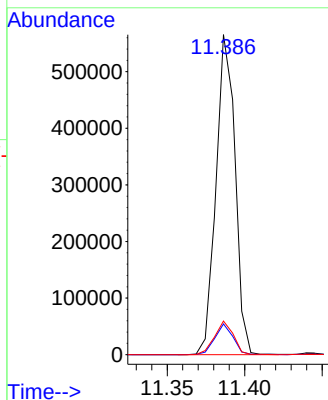
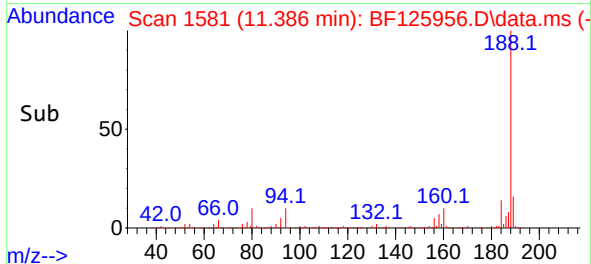
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ClientSampleId :
CL-01-102521



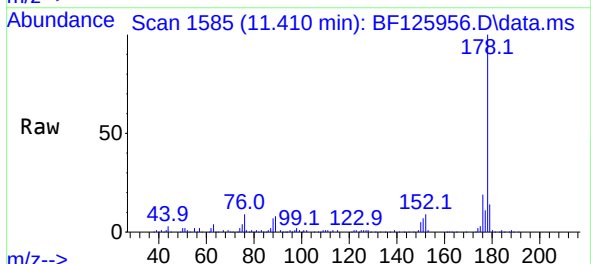
Tgt Ion:188 Resp: 483549
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 10.5 7.5 11.3

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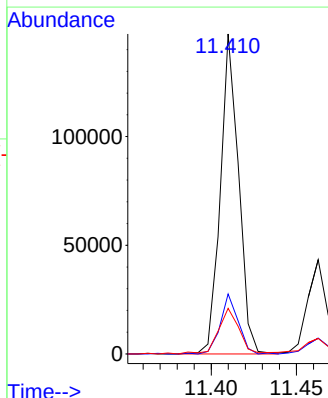
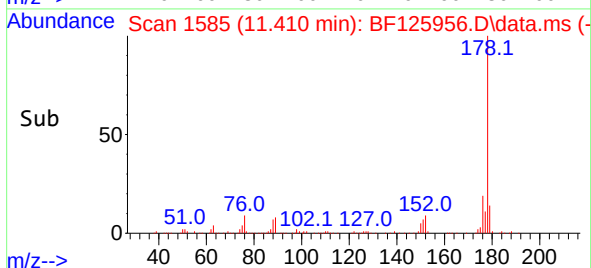
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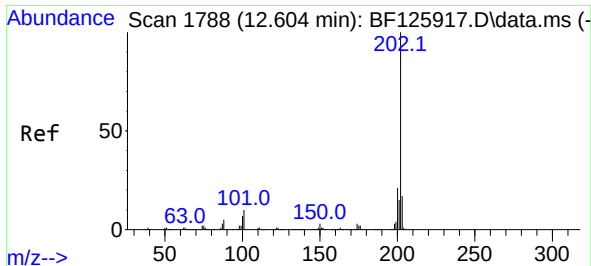


#71
Phenanthrene
Concen: 4.377 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF125956.D
Acq: 27 Oct 2021 3:02



Tgt Ion:178 Resp: 109816
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 14.2 11.5 17.3





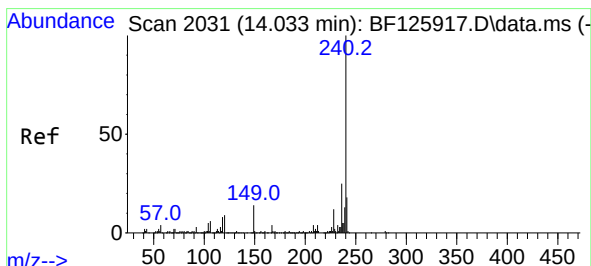
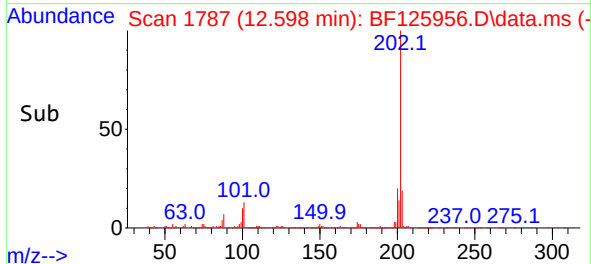
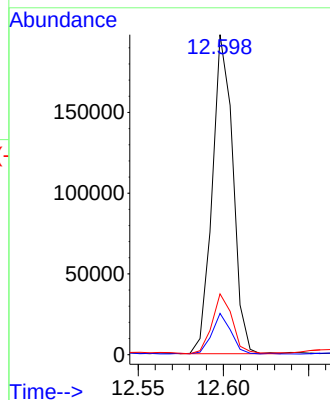
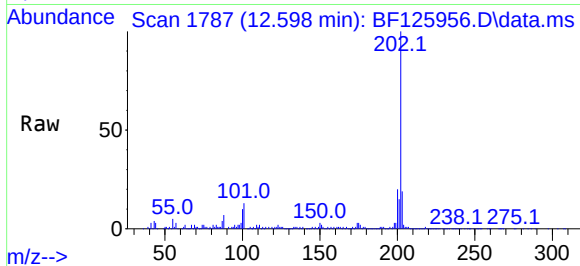
#75
Fluoranthene
Concen: 6.560 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF125956.D
Acq: 27 Oct 2021 3:02

Tgt Ion:	202	Resp:	165935
Ion Ratio	Lower	Upper	
202	100		
101	12.9	0.0	30.7
203	19.0	0.0	36.3

Instrument :
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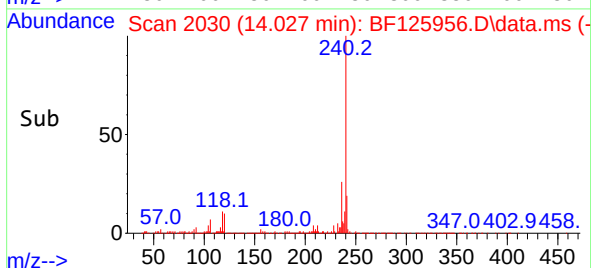
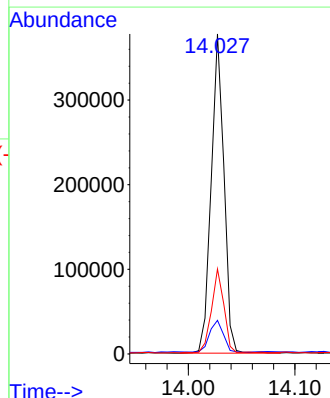
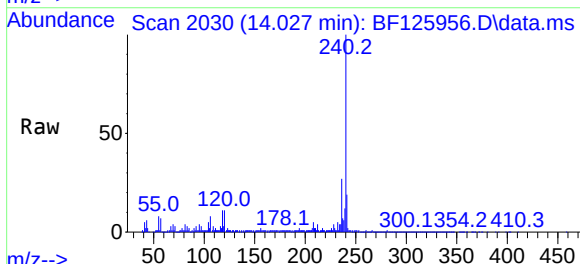
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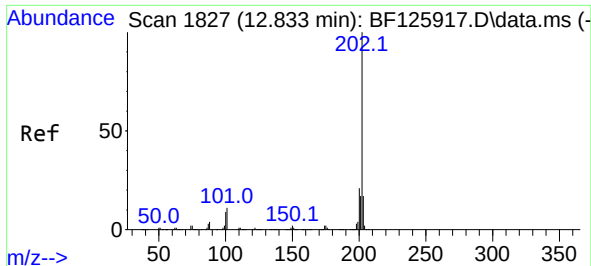
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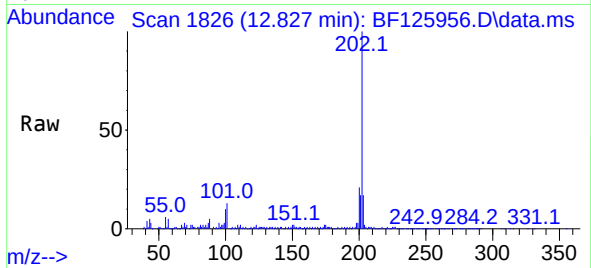
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF125956.D
Acq: 27 Oct 2021 3:02

Tgt Ion:	240	Resp:	314399
Ion Ratio	Lower	Upper	
240	100		
120	10.5	10.8	16.2#
236	26.5	21.6	32.4

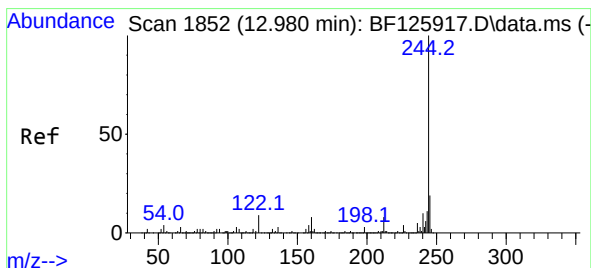
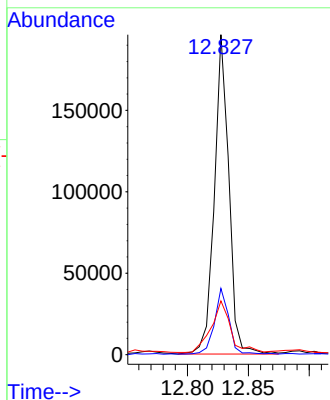
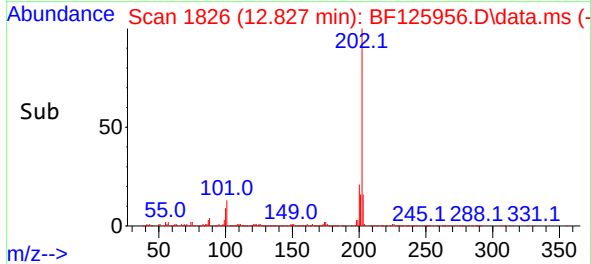




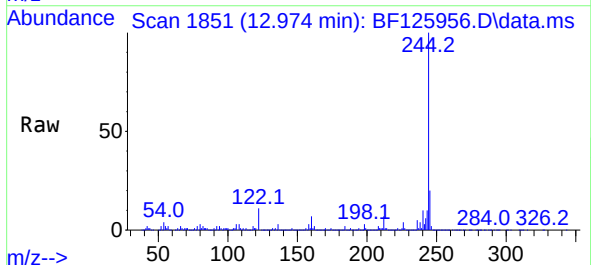
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 Pyrene
 Concen: 5.553 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF125956.D
 Acq: 27 Oct 2021 3:02



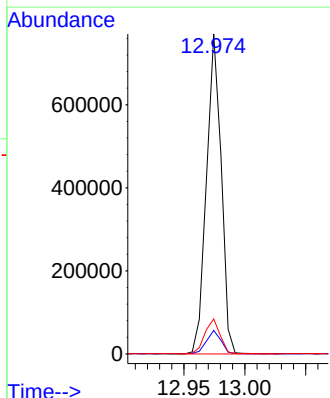
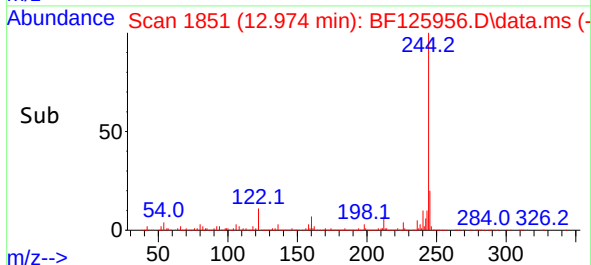
Tgt Ion:202 Resp: 162483
 Ion Ratio Lower Upper
 202 100
 200 20.7 15.3 22.9
 203 16.8 13.4 20.0



#79
 Terphenyl-d14
 Concen: 33.630 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF125956.D
 Acq: 27 Oct 2021 3:02



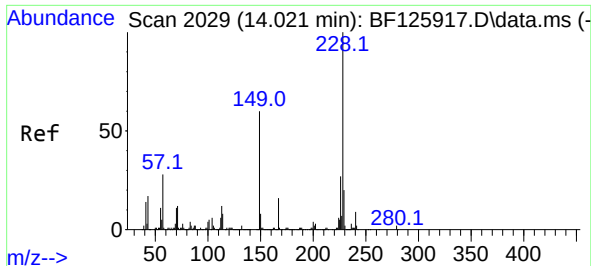
Tgt Ion:244 Resp: 646395
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.9 9.0 13.4



Instrument :
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 CL-01-102521

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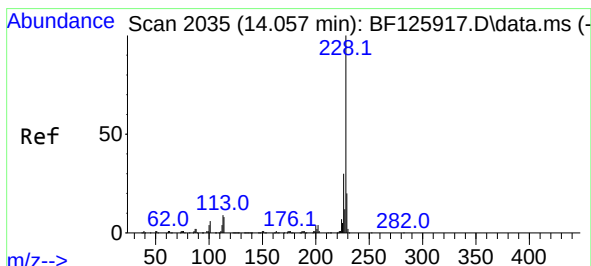
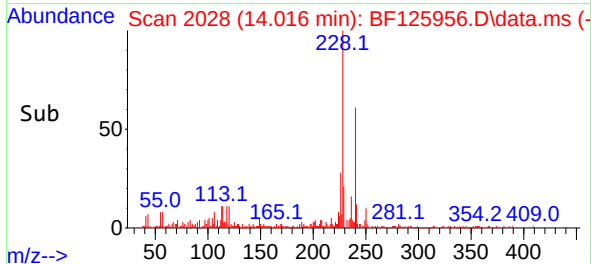
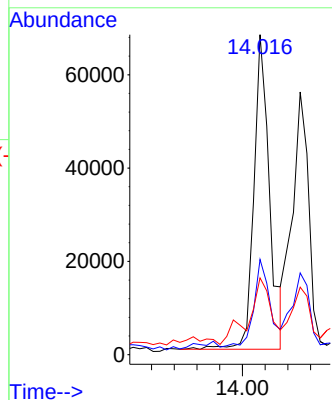
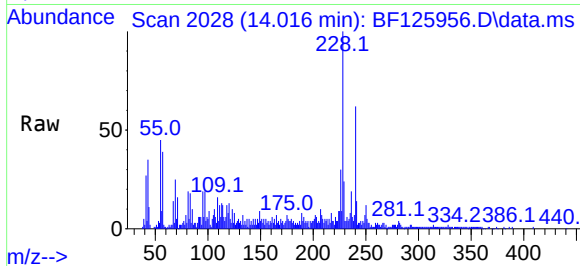
#81
Benzo(a)anthracene
Concen: 3.054 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF125956.D
Acq: 27 Oct 2021 3:02

Tgt Ion:228 Resp: 64629
Ion Ratio Lower Upper
228 100
226 29.7 21.6 32.4
229 24.0 15.6 23.4#

Instrument :
BNA_F
ClientSampled :
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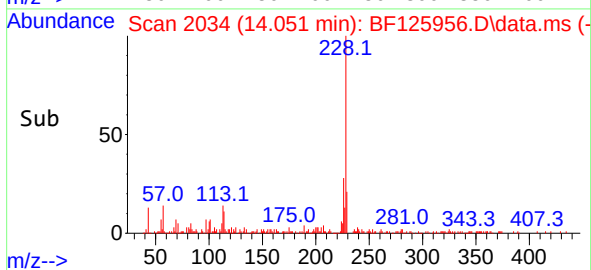
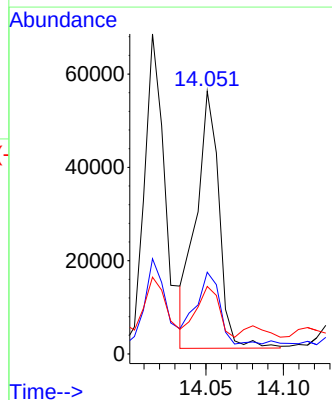
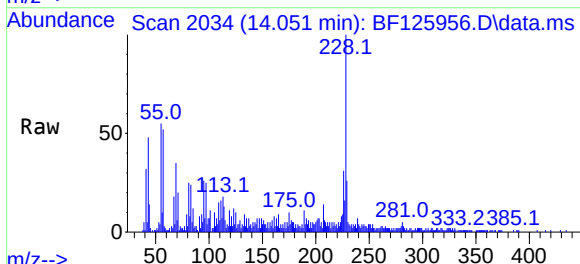
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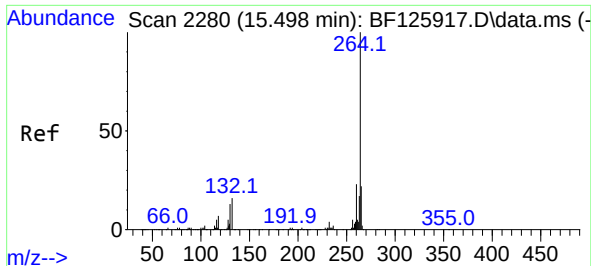
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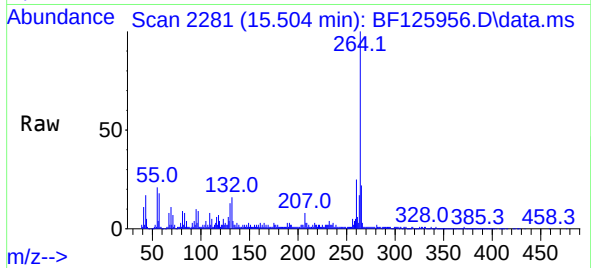
#83
Chrysene
Concen: 2.661 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF125956.D
Acq: 27 Oct 2021 3:02

Tgt Ion:228 Resp: 56969
Ion Ratio Lower Upper
228 100
226 31.2 22.6 34.0
229 25.7 15.9 23.9#

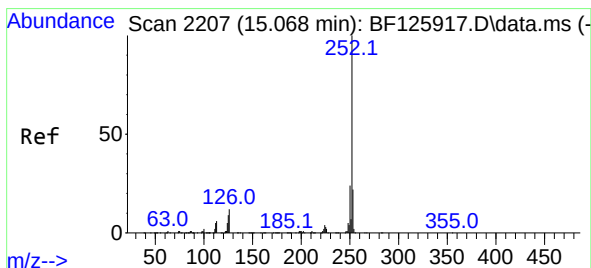
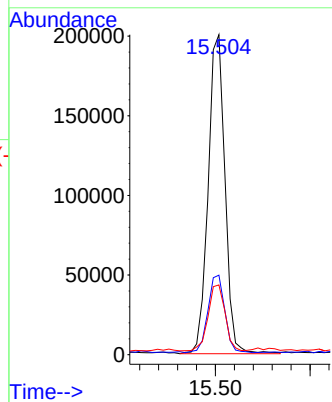
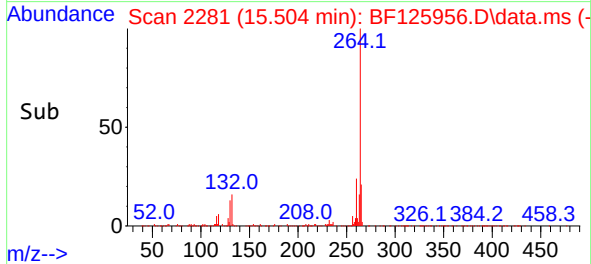




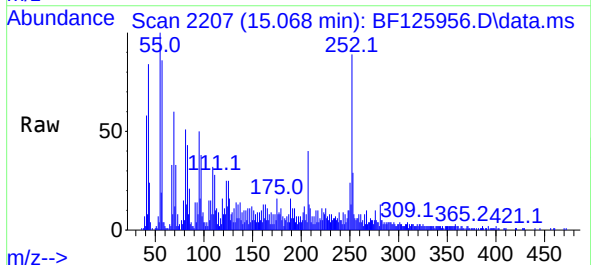
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.006 min
Lab File: BF125956.D
Acq: 27 Oct 2021 3:02



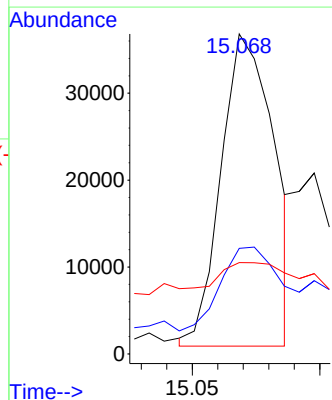
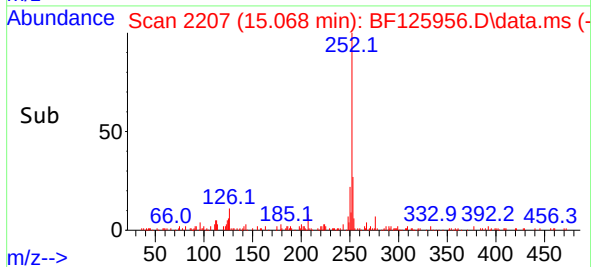
Tgt Ion:264 Resp: 246936
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 21.8 17.2 25.8



#88
Benzo(b)fluoranthene
Concen: 3.187 ng m
RT: 15.068 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BF125956.D
Acq: 27 Oct 2021 3:02



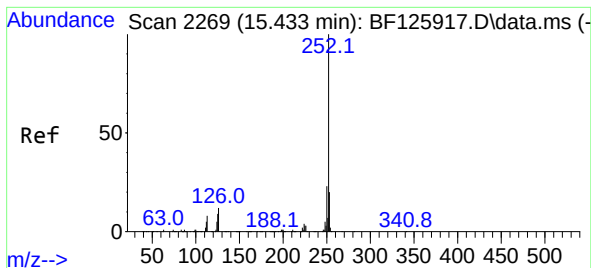
Tgt Ion:252 Resp: 51939
Ion Ratio Lower Upper
252 100
253 33.0 16.8 25.2#
125 28.5 9.8 14.8#



Instrument :
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ClientSampled :
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#90
Benzo(a)pyrene
Concen: 2.928 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF125956.D
Acq: 27 Oct 2021 3:02

Tgt Ion:	252	Resp:	38530
Ion Ratio	Lower	Upper	
252	100		
253	25.1	18.4	27.6
125	31.4	9.9	14.9#

Instrument :
BNA_F
ClientSampleId :
CL-01-102521

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