

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
 Data File : BF125907.D
 Acq On : 19 Oct 2021 19:00
 Operator : JU/CG
 Sample : M4259-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1-BS

Manual Integrations
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Quant Time: Oct 20 09:29:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 18 12:43:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	159616	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	616904	20.00	ng	# 0.00
39) Acenaphthene-d10	9.857	164	292549	20.00	ng	0.00
64) Phenanthrene-d10	11.339	188	474886	20.00	ng	0.00
76) Chrysene-d12	13.974	240	353846	20.00	ng	0.00
86) Perylene-d12	15.427	264	255262	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	820299	83.96	ng	0.00
7) Phenol-d6	6.451	99	978799	77.82	ng	0.00
23) Nitrobenzene-d5	7.381	82	556648	56.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	225637	78.12	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1045556	61.64	ng	0.00
79) Terphenyl-d14	12.921	244	1005449	43.28	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.716	152	54251	2.12	ng	99
71) Phenanthrene	11.363	178	106919	4.21	ng	99
75) Fluoranthene	12.551	202	210997	9.20	ng	98
78) Pyrene	12.780	202	215200	5.99	ng	98
81) Benzo(a)anthracene	13.962	228	104374	4.55	ng	# 85
83) Chrysene	13.998	228	89042	3.92	ng	# 92
87) Indeno(1,2,3-cd)pyrene	16.862	276	55153	2.83	ng	95
88) Benzo(b)fluoranthene	15.004	252	108846m	7.55	ng	
89) Benzo(k)fluoranthene	15.027	252	38082m	2.57	ng	
90) Benzo(a)pyrene	15.362	252	85043	6.66	ng	# 92
92) Benzo(g,h,i)perylene	17.298	276	79267	4.83	ng	98

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

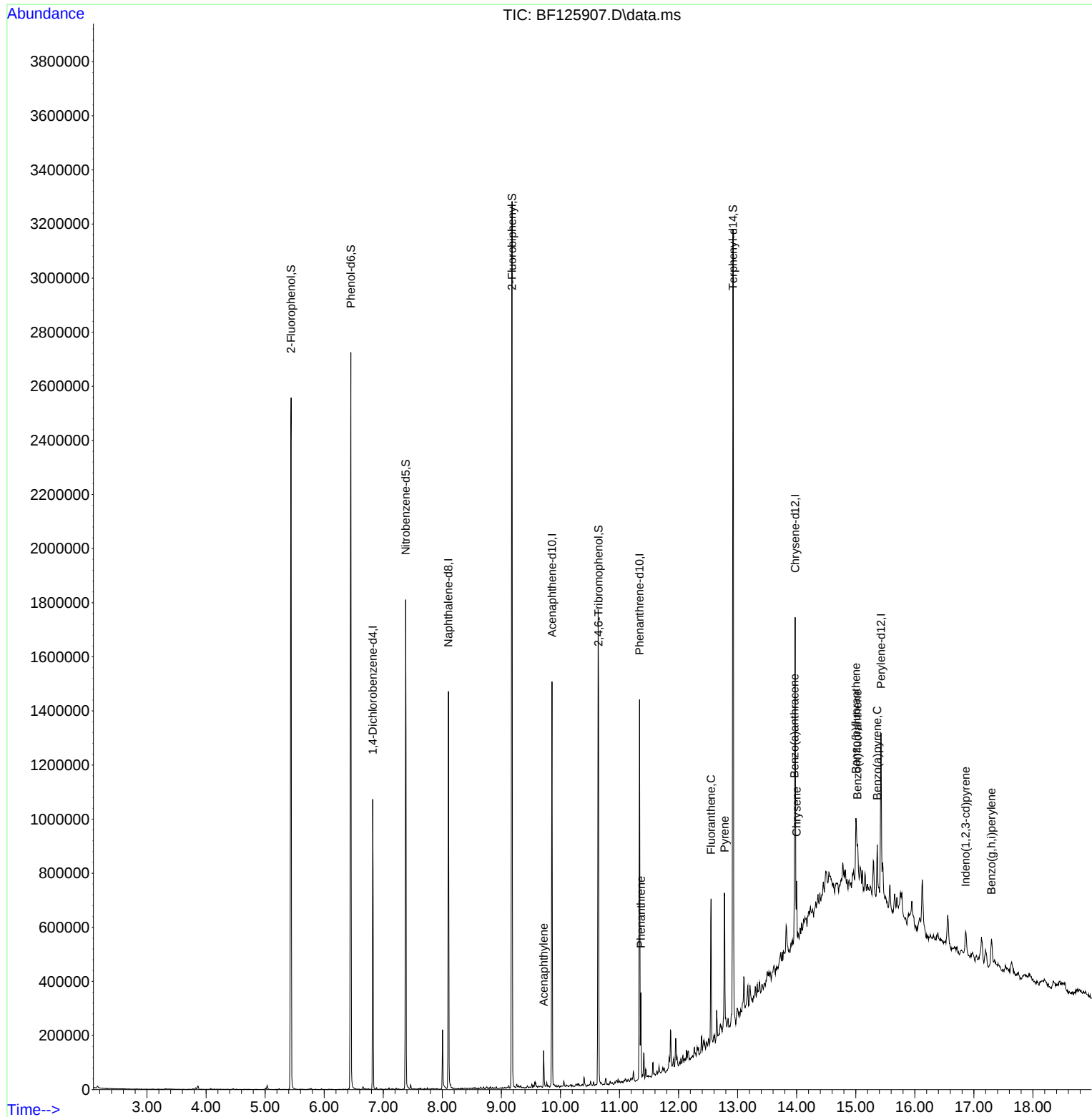
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Acq On : 19 Oct 2021 19:00
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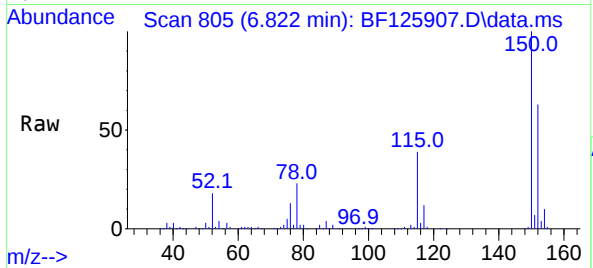
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
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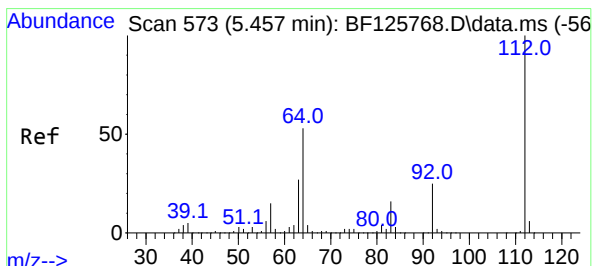
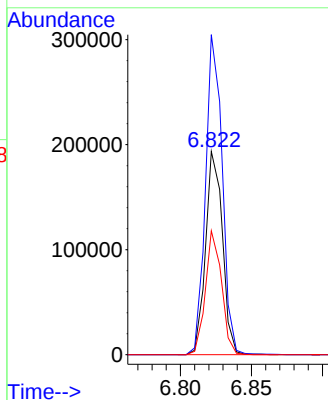
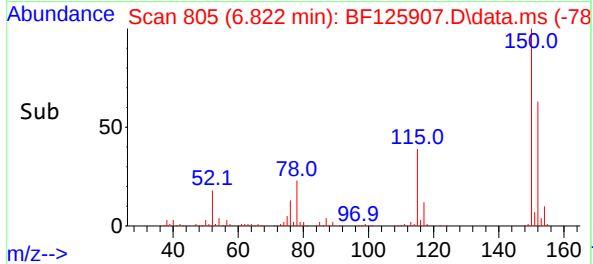




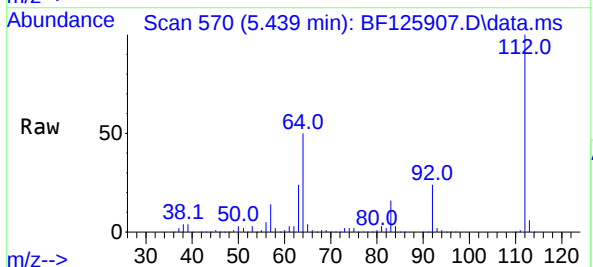
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF125907.D
Acq: 19 Oct 2021 19:00



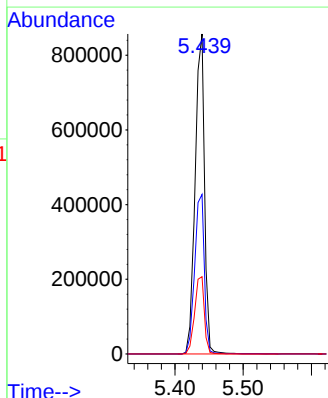
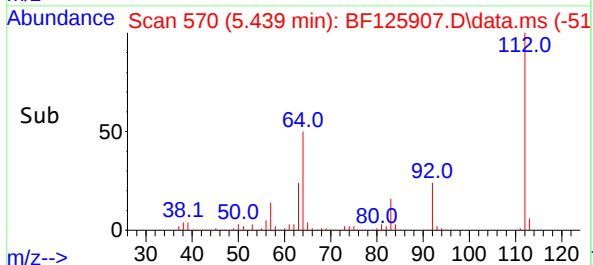
Tgt Ion:152 Resp: 159616
Ion Ratio Lower Upper
152 100
150 157.5 117.6 176.4
115 60.9 47.1 70.7



#5
2-Fluorophenol
Concen: 83.96 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF125907.D
Acq: 19 Oct 2021 19:00



Tgt Ion:112 Resp: 820299
Ion Ratio Lower Upper
112 100
64 49.8 44.2 66.2
63 24.1 26.2 39.2#



Instrument :
BNA_F
ClientSampled :
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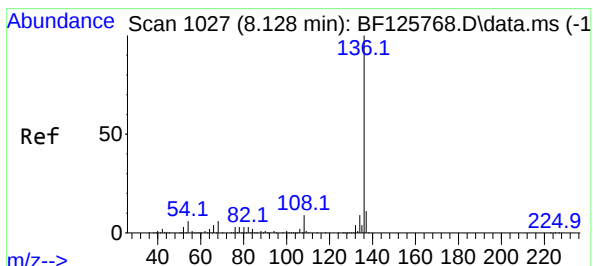
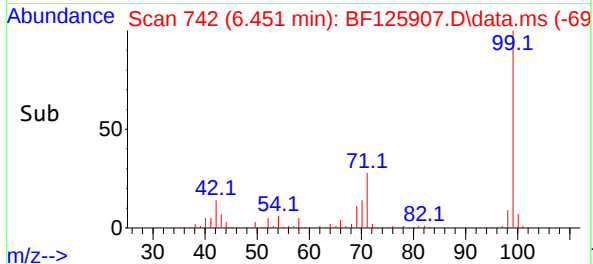
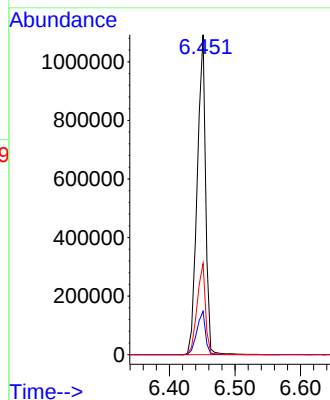
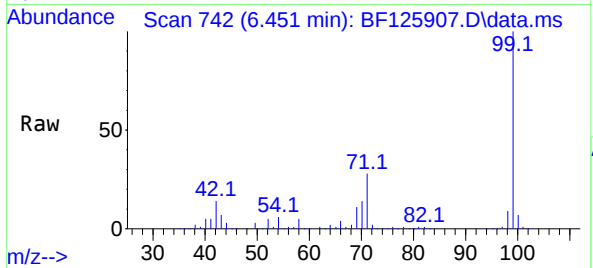
#7
Phenol-d6
Concen: 77.82 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF125907.D
Acq: 19 Oct 2021 19:00

Tgt Ion:	99	Resp:	978799
Ion	Ratio	Lower	Upper
99	100		
42	13.5	23.5	35.3#
71	28.5	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
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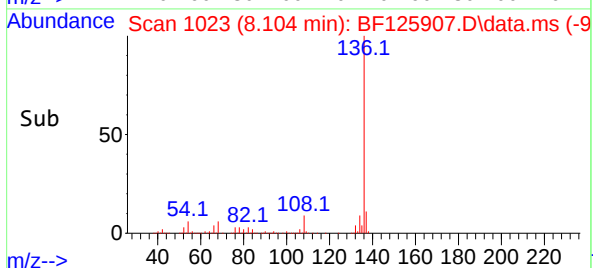
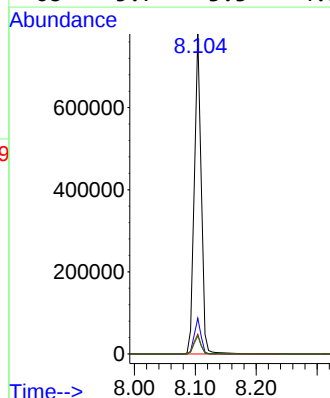
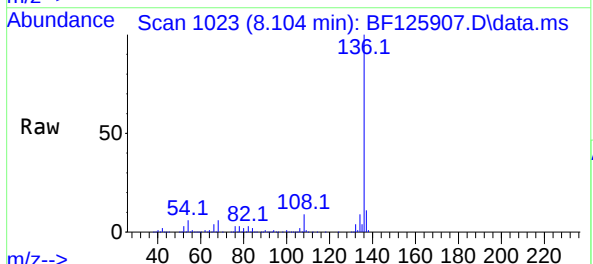
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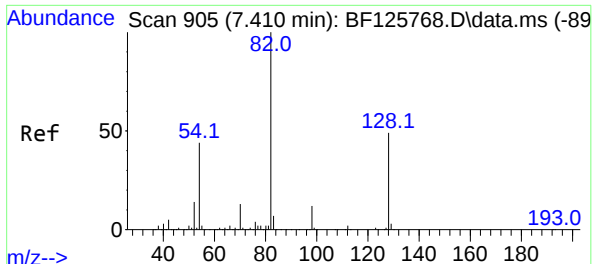
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF125907.D
Acq: 19 Oct 2021 19:00

Tgt Ion:	136	Resp:	616904
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.6
54	6.2	6.4	9.6#
68	5.7	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 56.09 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.012 min

Lab File: BF125907.D

Acq: 19 Oct 2021 19:00

Tgt Ion: 82 Resp: 556648

Ion Ratio Lower Upper

82 100

128 49.0 40.6 60.8

54 44.0 49.6 74.4#

Instrument :

BNA_F

ClientSampleId :

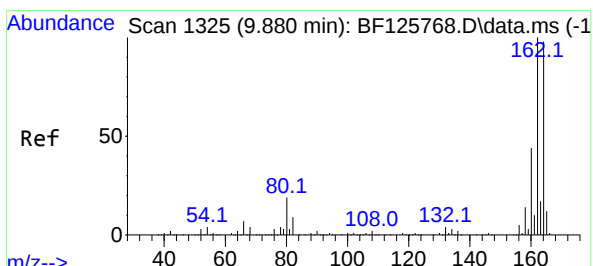
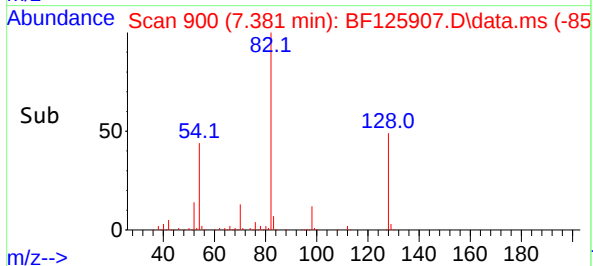
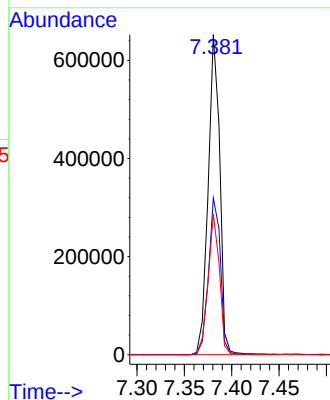
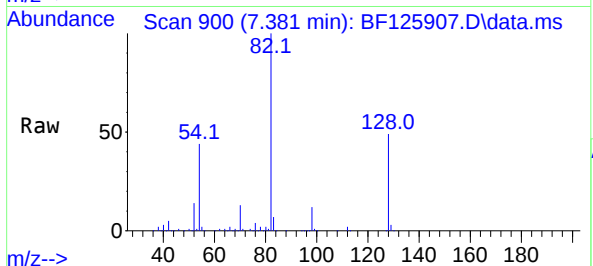
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF125907.D

Acq: 19 Oct 2021 19:00

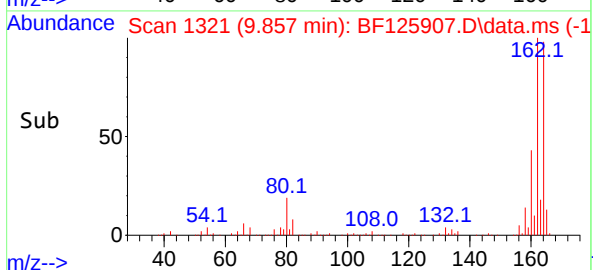
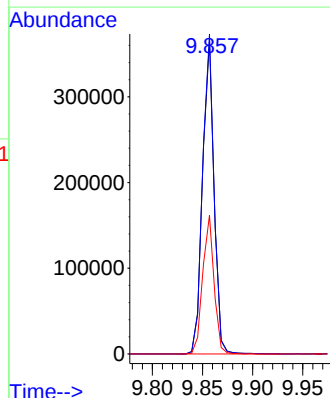
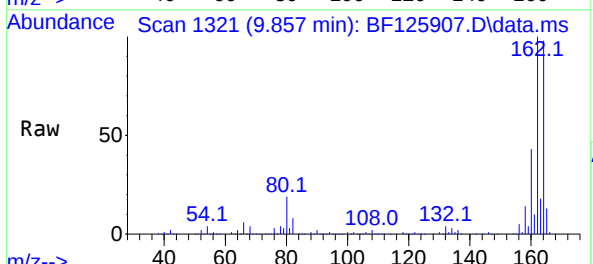
Tgt Ion:164 Resp: 292549

Ion Ratio Lower Upper

164 100

162 102.1 81.3 121.9

160 44.3 38.0 57.0





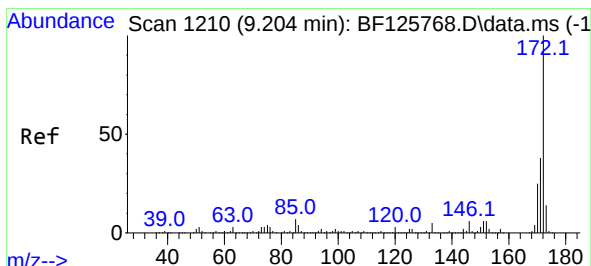
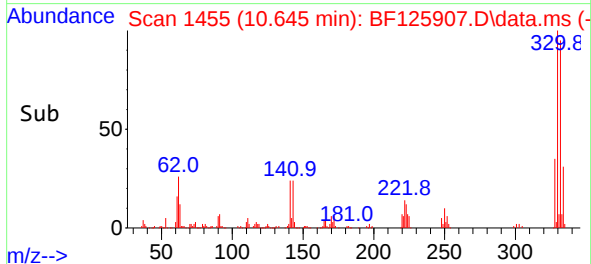
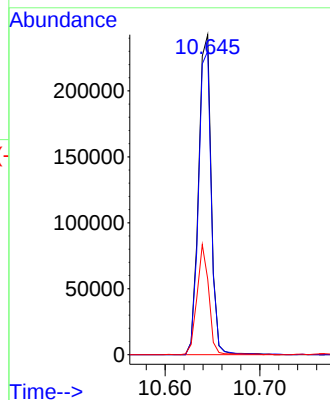
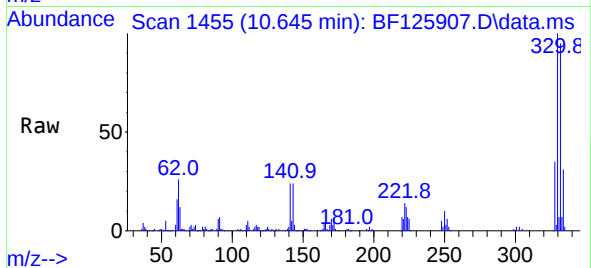
#42
2,4,6-Tribromophenol
Concen: 78.12 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF125907.D
Acq: 19 Oct 2021 19:00

Tgt Ion: 330 Resp: 225637
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 32.3 44.6 66.8#

Instrument :
BNA_F
ClientSampled :
WC-1-BS

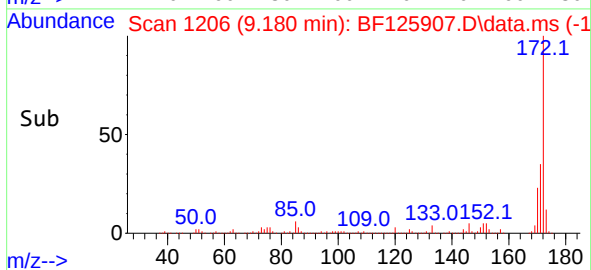
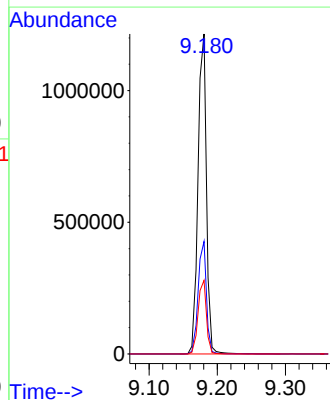
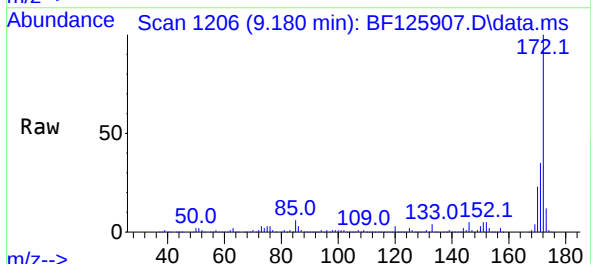
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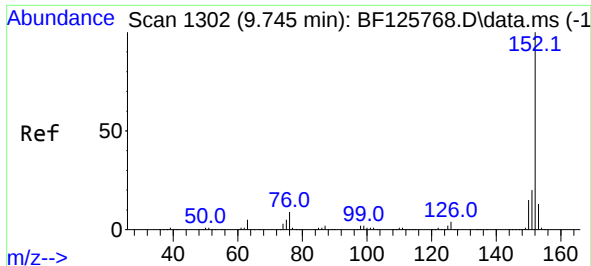
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#45
2-Fluorobiphenyl
Concen: 61.64 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF125907.D
Acq: 19 Oct 2021 19:00

Tgt Ion: 172 Resp: 1045556
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 23.0 18.8 28.2





#49

Acenaphthylene

Concen: 2.12 ng

RT: 9.716 min Scan# 1297

Delta R.T. -0.006 min

Lab File: BF125907.D

Acq: 19 Oct 2021 19:00

Tgt Ion:152	Resp:	54251
Ion Ratio	Lower	Upper
152	100	
151	19.3	15.7 23.5
153	13.4	9.8 14.8

Instrument :

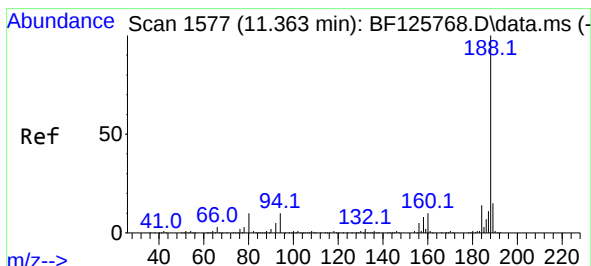
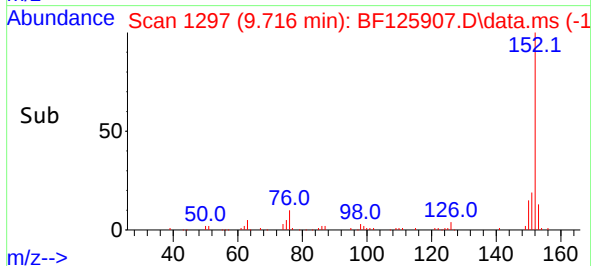
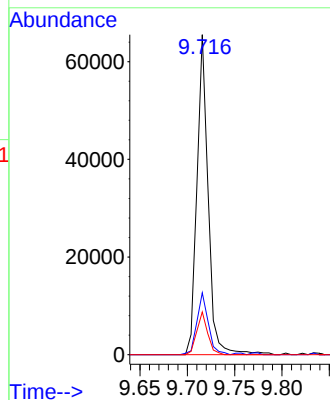
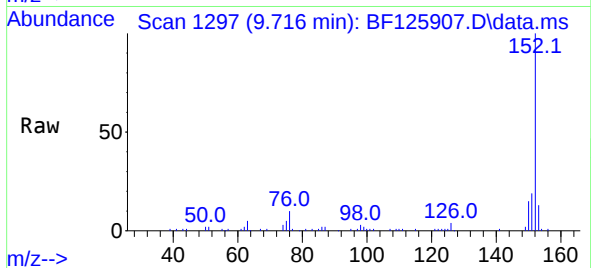
BNA_F

ClientSampleId :

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#64

Phenanthrene-d10

Concen: 20.00 ng

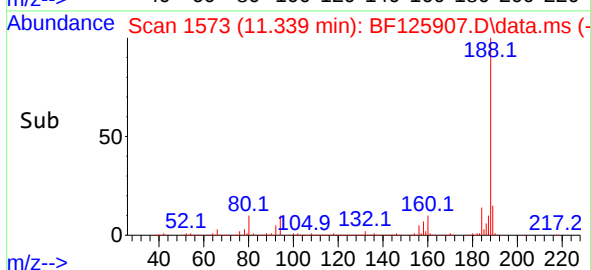
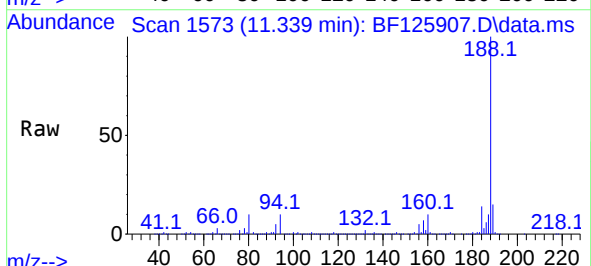
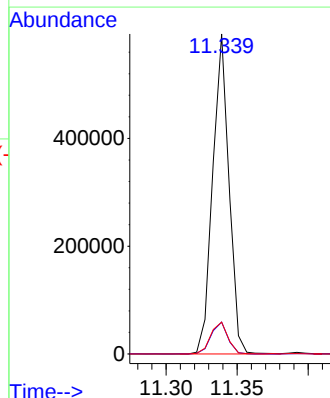
RT: 11.339 min Scan# 1573

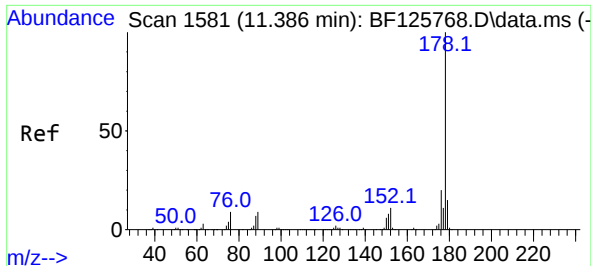
Delta R.T. -0.000 min

Lab File: BF125907.D

Acq: 19 Oct 2021 19:00

Tgt Ion:188	Resp:	474886
Ion Ratio	Lower	Upper
188	100	
94	9.9	6.7 10.1
80	10.0	7.5 11.3





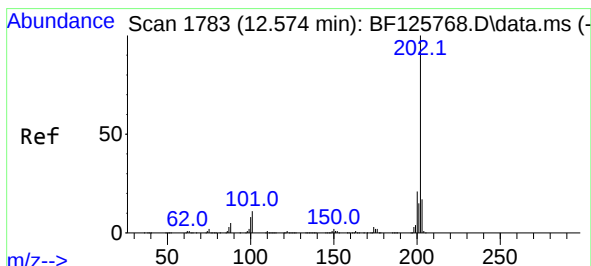
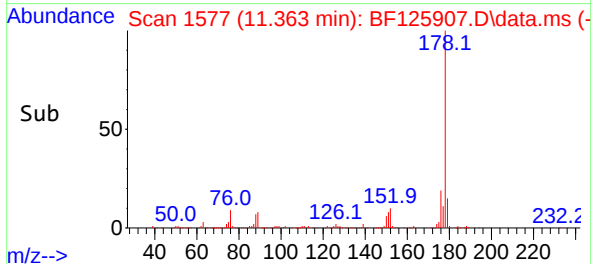
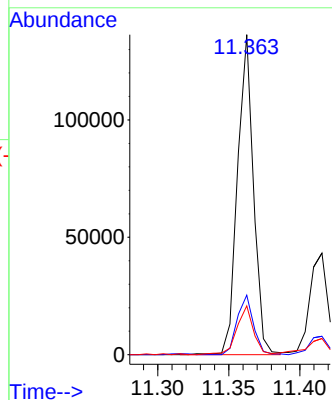
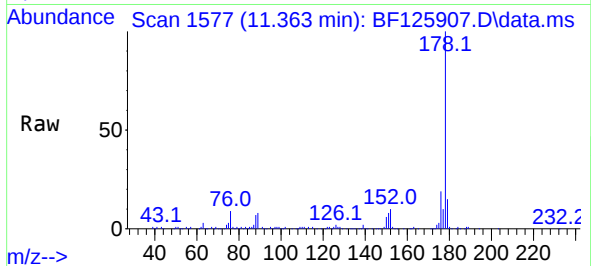
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Phenanthrene
Concen: 4.21 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF125907.D
Acq: 19 Oct 2021 19:00

Tgt Ion:178 Resp: 106919
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.3 11.5 17.3

Instrument :
BNA_F
ClientSampleId :
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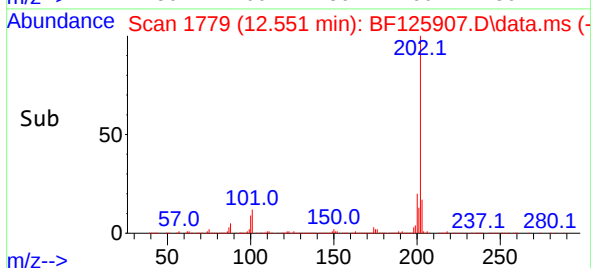
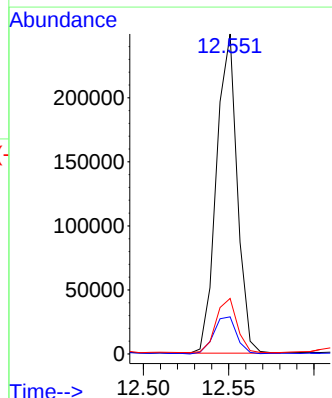
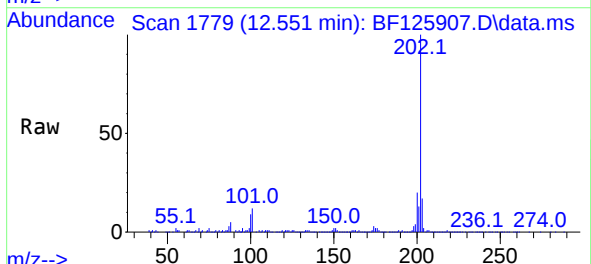
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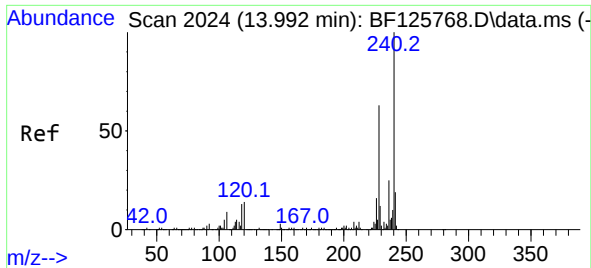
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#75
Fluoranthene
Concen: 9.20 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF125907.D
Acq: 19 Oct 2021 19:00

Tgt Ion:202 Resp: 210997
Ion Ratio Lower Upper
202 100
101 11.6 0.0 30.7
203 17.4 0.0 36.3





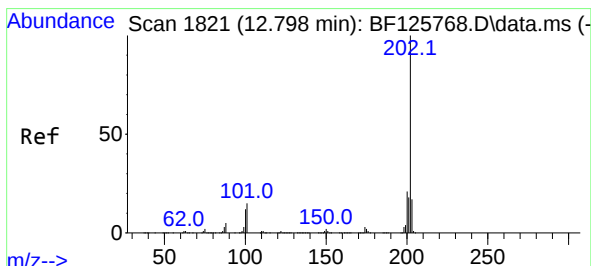
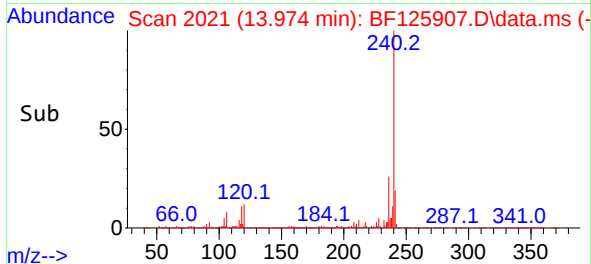
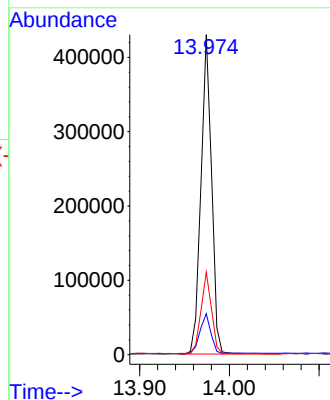
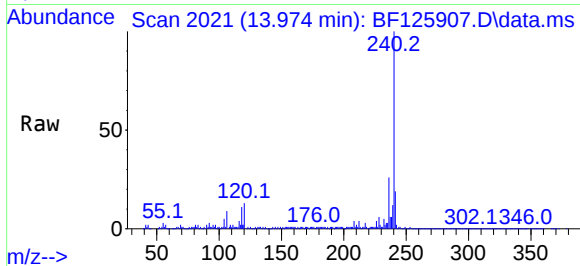
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF125907.D
Acq: 19 Oct 2021 19:00

Tgt Ion:	240	Resp:	353846
Ion Ratio	Lower	Upper	
240	100		
120	12.8	10.8	16.2
236	25.8	21.6	32.4

Instrument :
BNA_F
ClientSampleId :
WC-1-BS

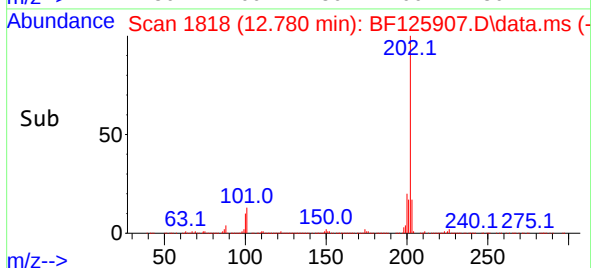
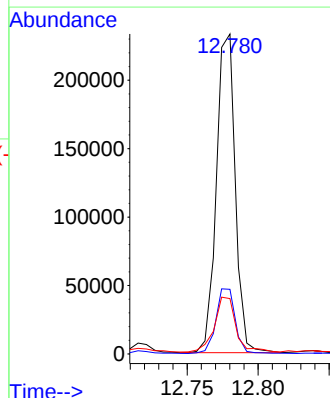
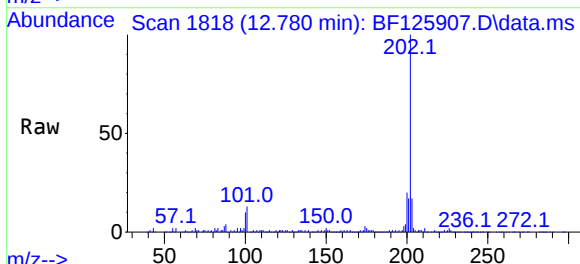
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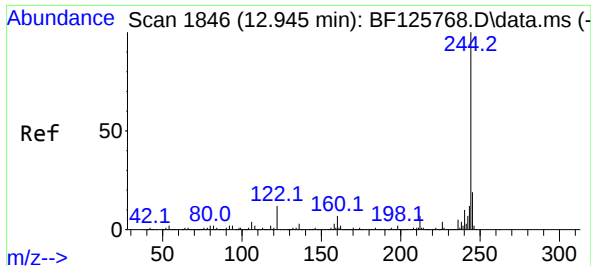
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#78
Pyrene
Concen: 5.99 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF125907.D
Acq: 19 Oct 2021 19:00

Tgt Ion:	202	Resp:	215200
Ion Ratio	Lower	Upper	
202	100		
200	20.2	15.3	22.9
203	17.3	13.4	20.0





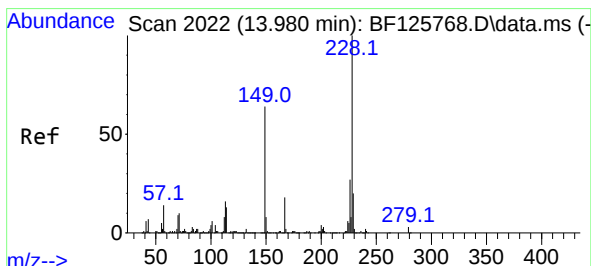
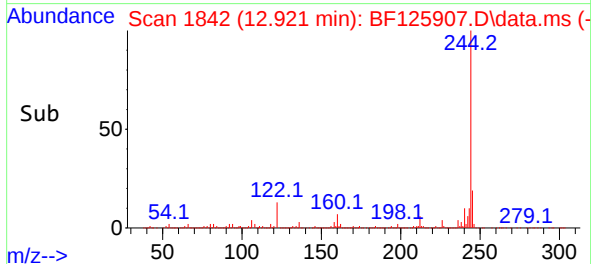
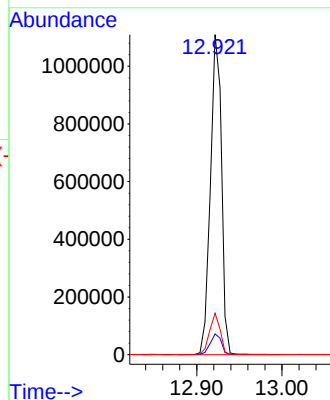
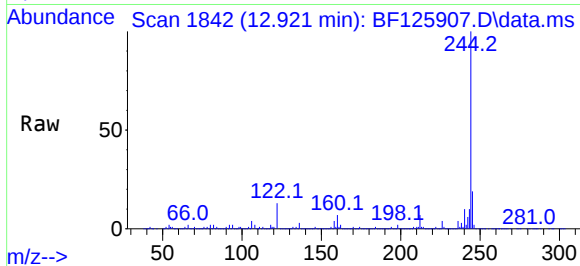
#79
Terphenyl-d14
Concen: 43.28 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF125907.D
Acq: 19 Oct 2021 19:00

Tgt Ion:244 Resp: 1005449
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 13.0 9.0 13.4

Instrument :
BNA_F
ClientSampled :
WC-1-BS

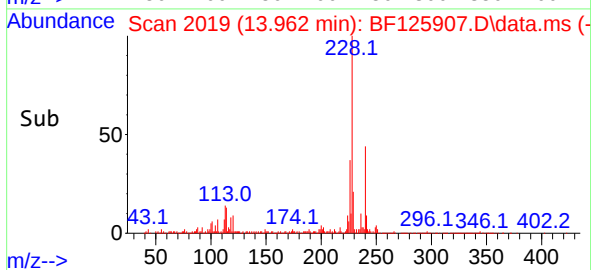
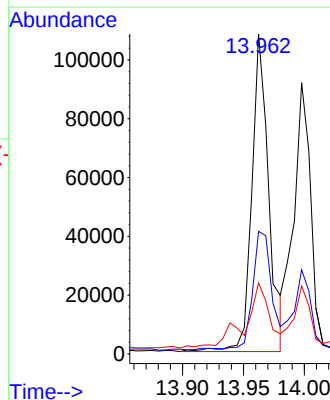
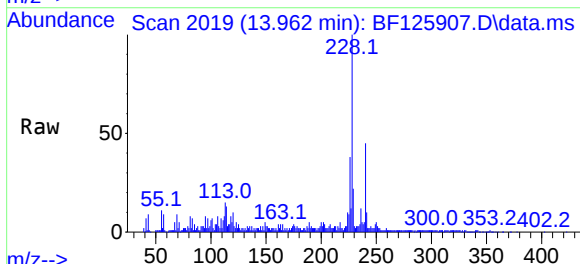
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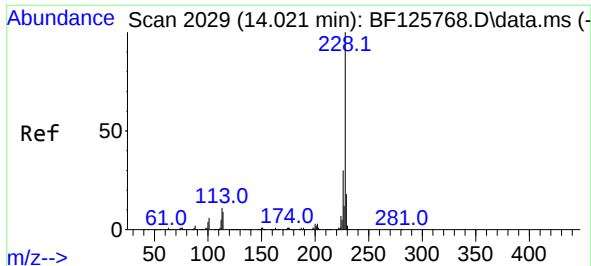
mohammad
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#81
Benzo(a)anthracene
Concen: 4.55 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF125907.D
Acq: 19 Oct 2021 19:00

Tgt Ion:228 Resp: 104374
Ion Ratio Lower Upper
228 100
226 38.3 21.6 32.4#
229 22.2 15.6 23.4





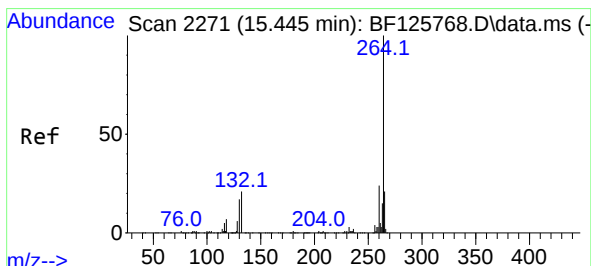
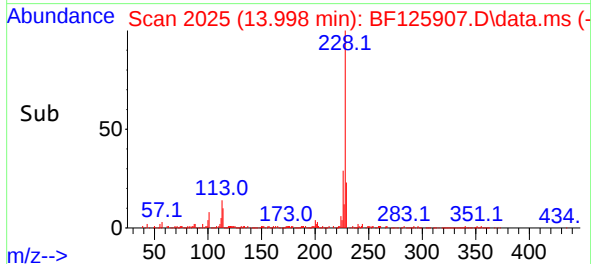
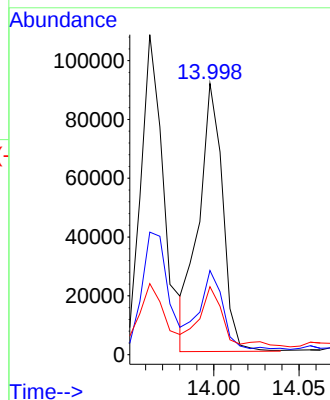
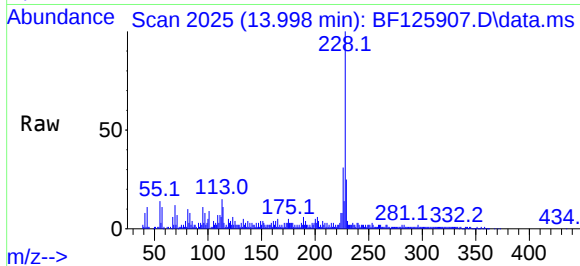
#83
Chrysene
Concen: 3.92 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF125907.D
Acq: 19 Oct 2021 19:00

Tgt Ion:	228	Resp:	89042
Ion Ratio	Lower	Upper	
228	100		
226	31.0	22.6	34.0
229	25.1	15.9	23.9#

Instrument :
BNA_F
ClientSampled :
WC-1-BS

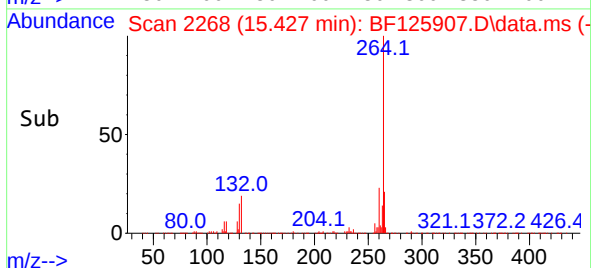
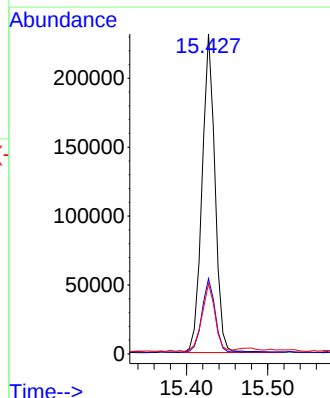
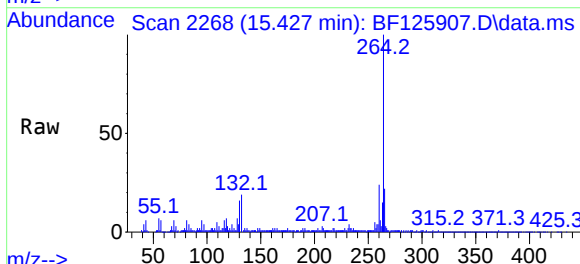
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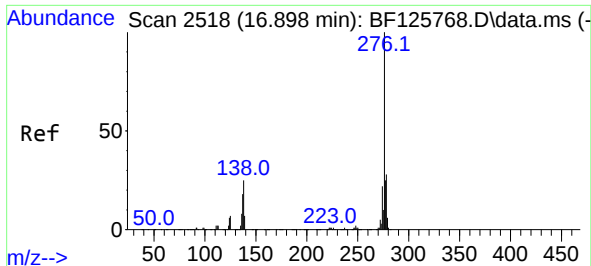
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.006 min
Lab File: BF125907.D
Acq: 19 Oct 2021 19:00

Tgt Ion:	264	Resp:	255262
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.6	29.4
265	22.0	17.2	25.8





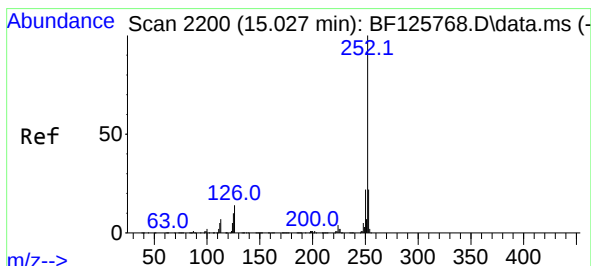
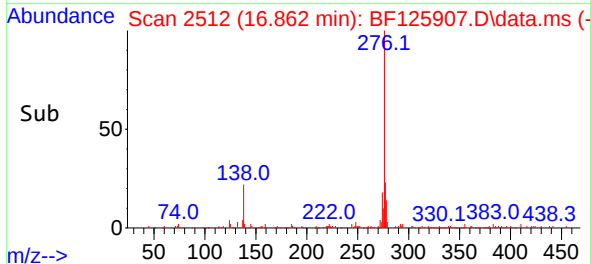
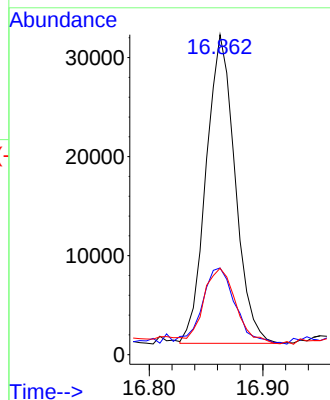
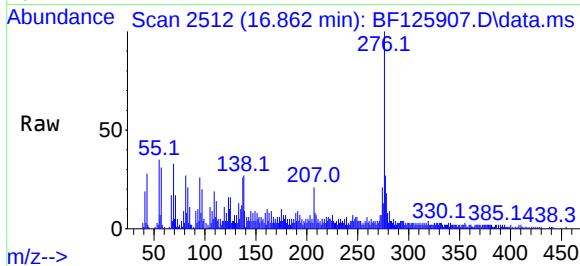
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.83 ng
RT: 16.862 min Scan# 2512
Delta R.T. -0.000 min
Lab File: BF125907.D
Acq: 19 Oct 2021 19:00

Tgt Ion: 276 Resp: 55153
Ion Ratio Lower Upper
276 100
138 28.5 24.1 36.1
277 27.7 18.8 28.2

Instrument :
BNA_F
ClientSampled :
WC-1-BS

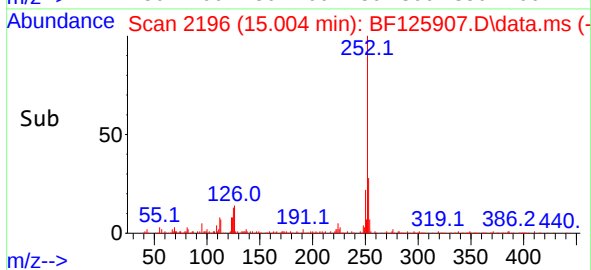
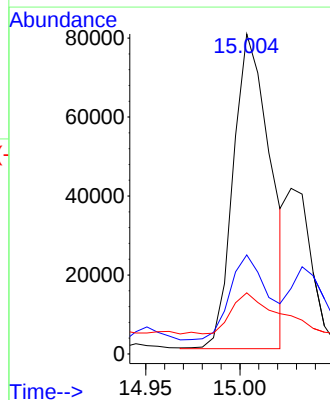
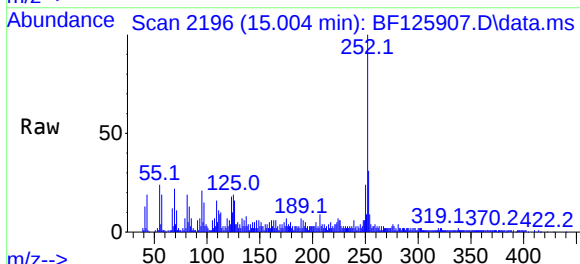
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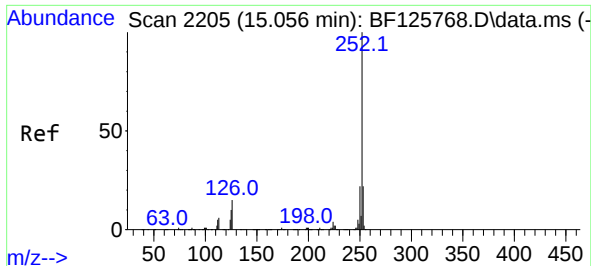
mohammad
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#88
Benzo(b)fluoranthene
Concen: 7.55 ng m
RT: 15.004 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF125907.D
Acq: 19 Oct 2021 19:00

Tgt Ion: 252 Resp: 108846
Ion Ratio Lower Upper
252 100
253 30.9 16.8 25.2#
125 19.1 9.8 14.8#





#89

Benzo(k)fluoranthene

Concen: 2.57 ng m

RT: 15.027 min Scan# 2200

Delta R.T. -0.000 min

Lab File: BF125907.D

Acq: 19 Oct 2021 19:00

Tgt Ion:252	Resp:	38082
Ion Ratio	Lower	Upper
252	100	
253	39.6	17.8 26.8#
125	23.1	7.2 10.8#

Instrument :

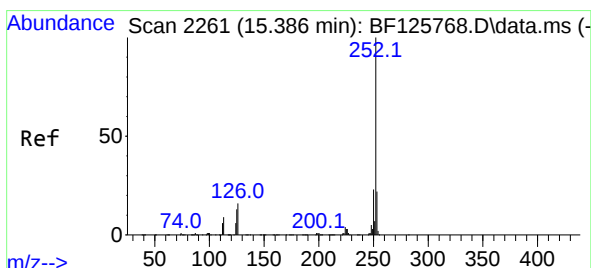
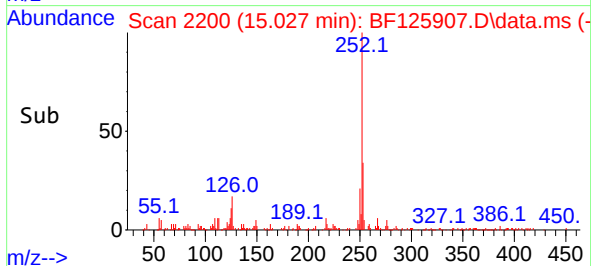
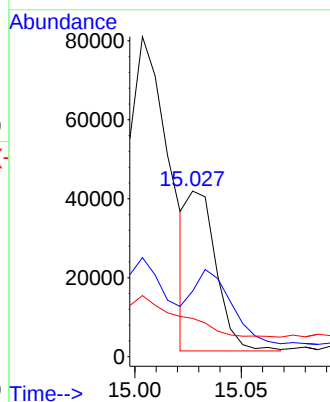
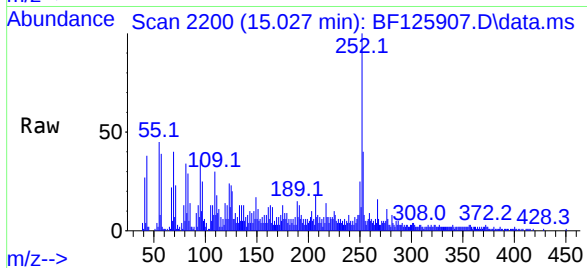
BNA_F

ClientSampled :

WC-1-BS

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#90

Benzo(a)pyrene

Concen: 6.66 ng

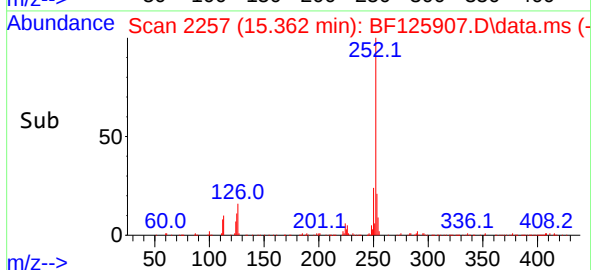
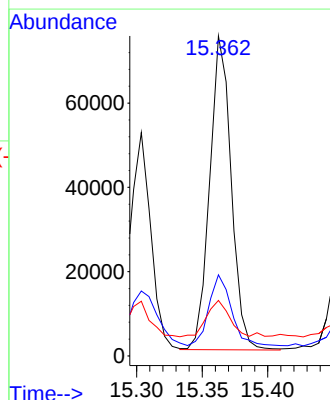
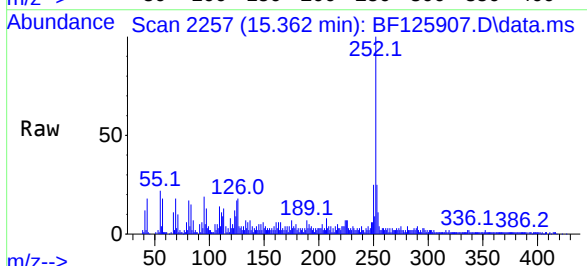
RT: 15.362 min Scan# 2257

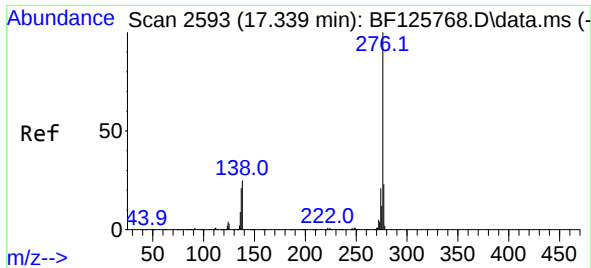
Delta R.T. -0.000 min

Lab File: BF125907.D

Acq: 19 Oct 2021 19:00

Tgt Ion:252	Resp:	85043
Ion Ratio	Lower	Upper
252	100	
253	25.4	18.4 27.6
125	17.4	9.9 14.9#





#92
Benzo(g,h,i)perylene
Concen: 4.83 ng
RT: 17.298 min Scan# 2586
Delta R.T. -0.000 min
Lab File: BF125907.D
Acq: 19 Oct 2021 19:00

Tgt Ion:	276	Resp:	79267
Ion Ratio	Lower	Upper	
276	100		
277	27.1	22.0	33.0
138	29.4	22.2	33.4

Instrument :
BNA_F
ClientSampleId :
WC-1-BS

Manual Integrations
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