

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081121\
 Data File : BF125064.D
 Acq On : 11 Aug 2021 19:36
 Operator : JU/CG
 Sample : M3342-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12017

Manual Integrations
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Quant Time: Aug 12 05:10:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	4219	20.000	ng	# 0.00
21) Naphthalene-d8	8.092	136	14756	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	7922	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	20108	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	9430	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	10594	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	150	0.582	ng	0.00
7) Phenol-d6	6.445	99	1683	5.182	ng	0.00
23) Nitrobenzene-d5	7.375	82	3418	12.117	ng	0.00
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.163	172	6015	11.110	ng	-0.01
79) Terphenyl-d14	12.916	244	9572	17.122	ng	0.00
Target Compounds						
71) Phenanthrene	11.363	178	11669	10.698	ng	# 89
73) Carbazole	11.569	167	2515	2.506	ng	# 18
75) Fluoranthene	12.551	202	20753	18.391	ng	98
78) Pyrene	12.780	202	15790m	21.258	ng	
81) Benzo(a)anthracene	13.963	228	3895m	6.338	ng	
83) Chrysene	13.998	228	4984m	8.390	ng	
87) Indeno(1,2,3-cd)pyrene	16.862	276	2962	4.695	ng	# 72
88) Benzo(b)fluoranthene	15.004	252	6727m	9.043	ng	
89) Benzo(k)fluoranthene	15.027	252	1796m	2.654	ng	
90) Benzo(a)pyrene	15.363	252	3991	6.301	ng	96
92) Benzo(g,h,i)perylene	17.309	276	2591	4.870	ng	# 71

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

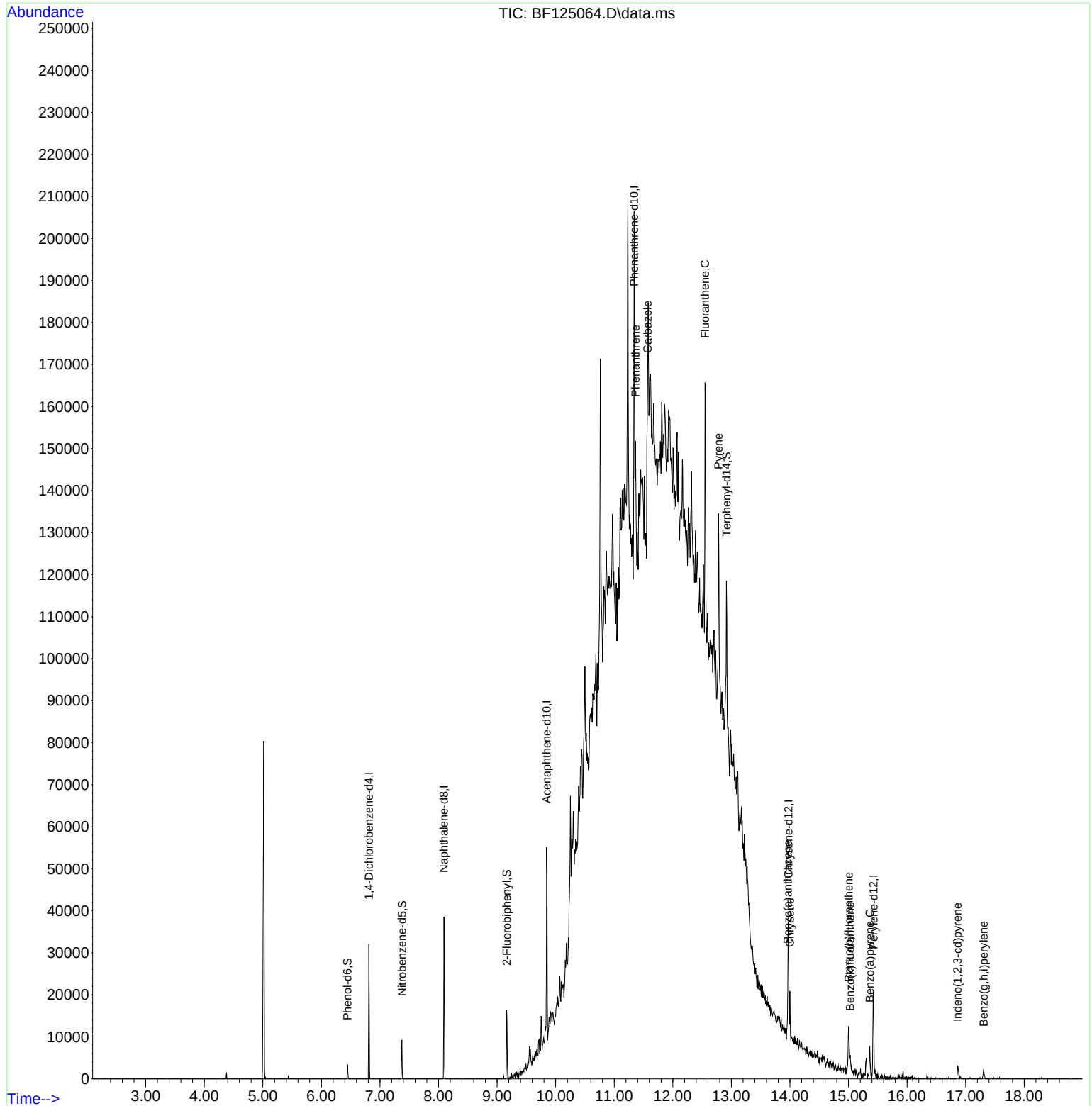
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081121\
Data File : BF125064.D
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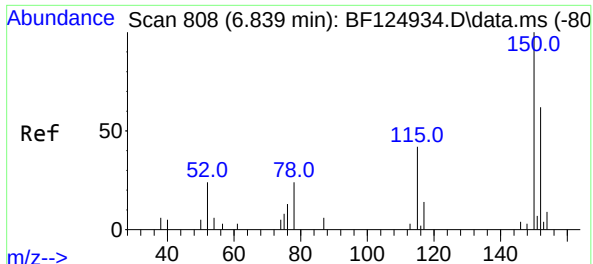
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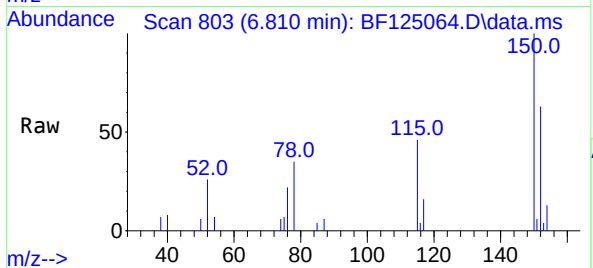
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
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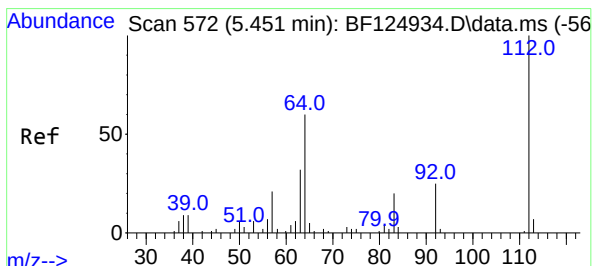
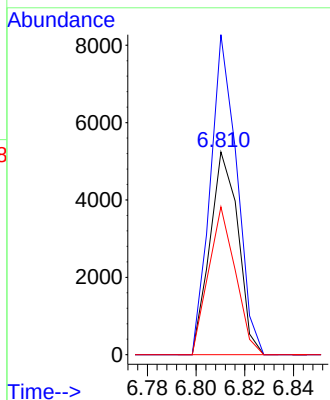
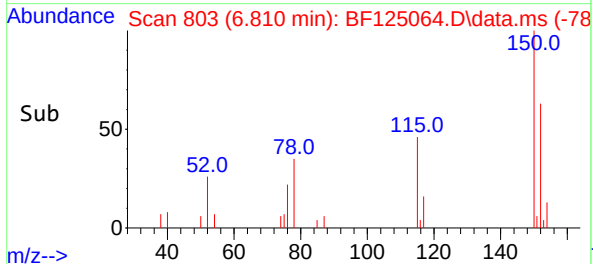




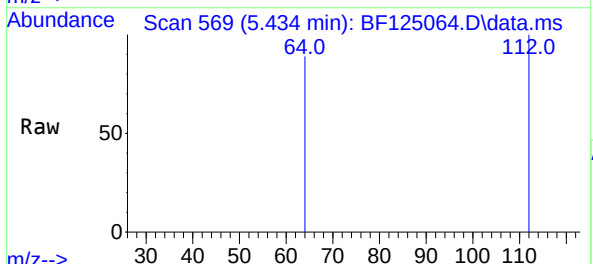
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125064.D
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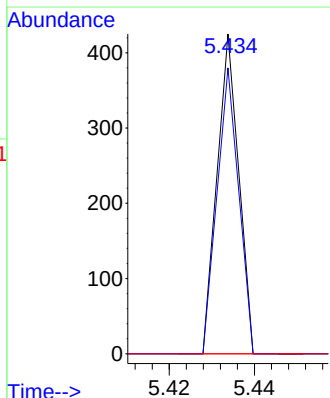
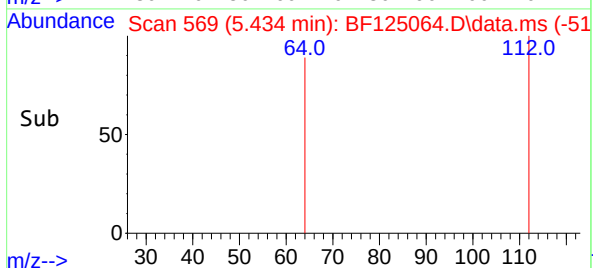
Tgt Ion:152 Resp: 4219
Ion Ratio Lower Upper
152 100
150 157.8 117.6 176.4
115 72.9 47.1 70.7#



#5
2-Fluorophenol
Concen: 0.582 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF125064.D
Acq: 11 Aug 2021 19:36



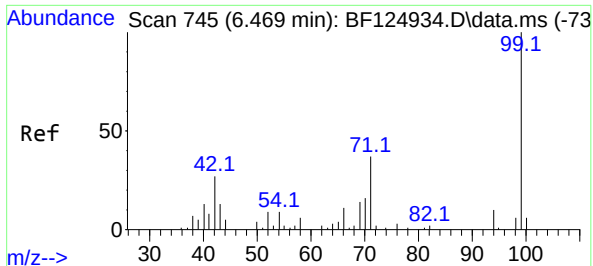
Tgt Ion:112 Resp: 150
Ion Ratio Lower Upper
112 100
64 89.4 44.2 66.2#
63 0.0 26.2 39.2#



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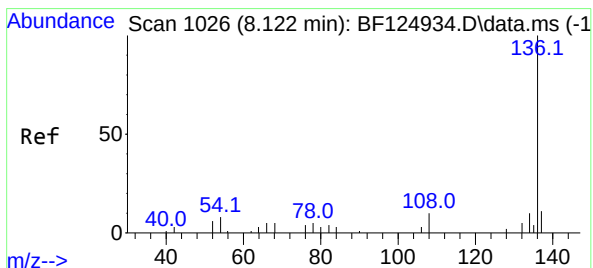
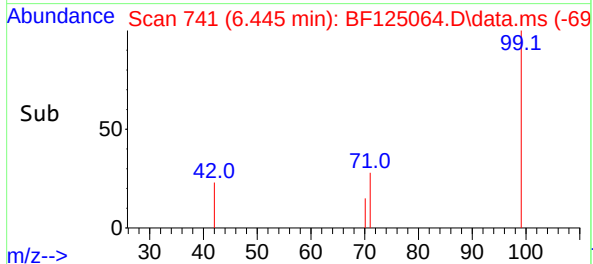
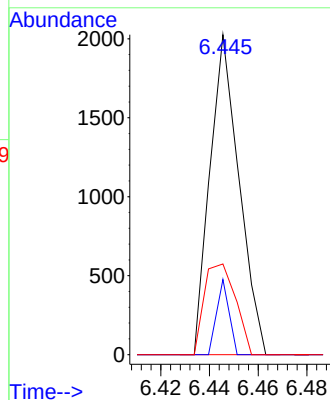
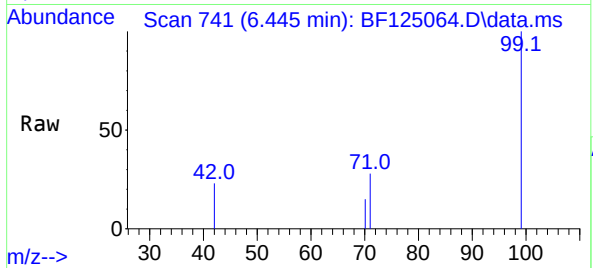
#7
Phenol-d6
Concen: 5.182 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF125064.D
Acq: 11 Aug 2021 19:36

Tgt Ion:	99	Resp:	1683
Ion	Ratio	Lower	Upper
99	100		
42	23.5	23.5	35.3#
71	28.3	25.6	38.4

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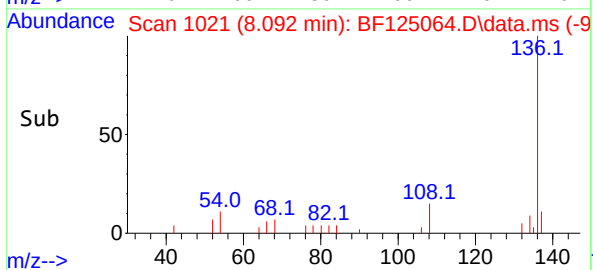
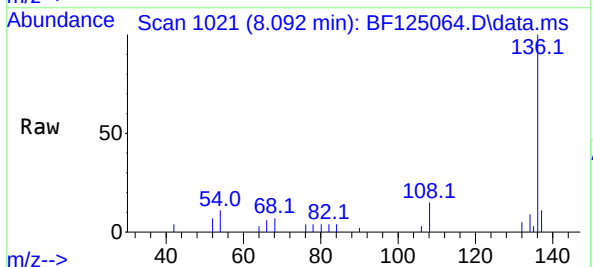
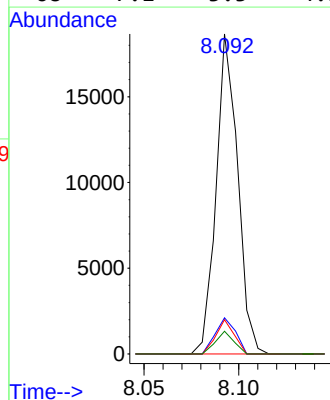
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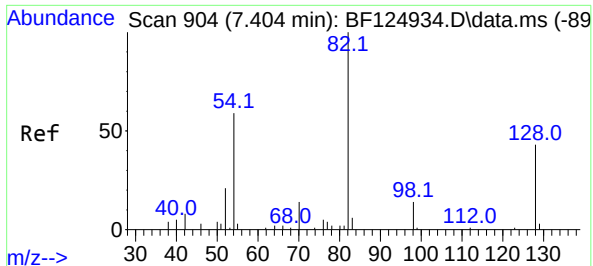
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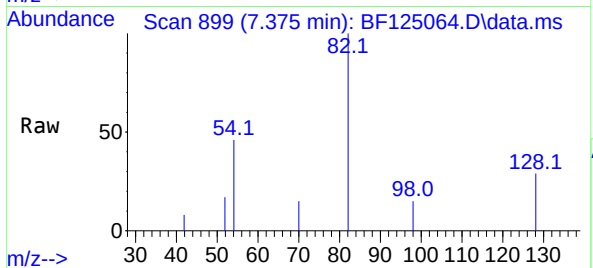
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125064.D
Acq: 11 Aug 2021 19:36

Tgt Ion:	136	Resp:	14756
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.6
54	10.7	6.4	9.6#
68	7.1	3.3	4.9#

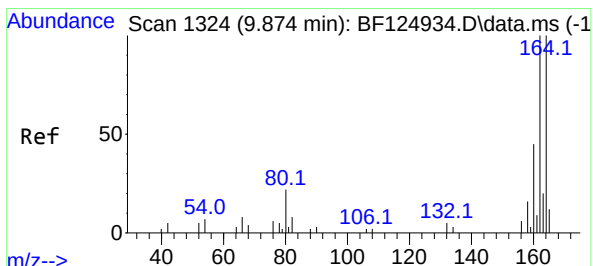
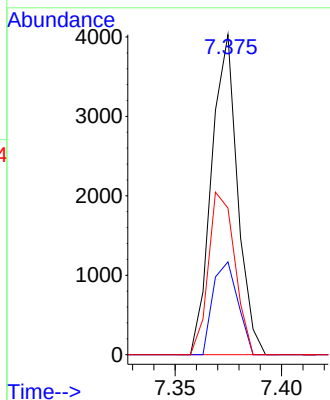
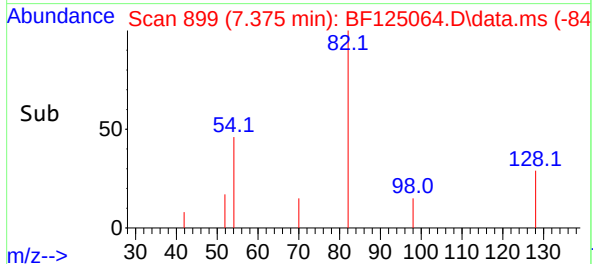




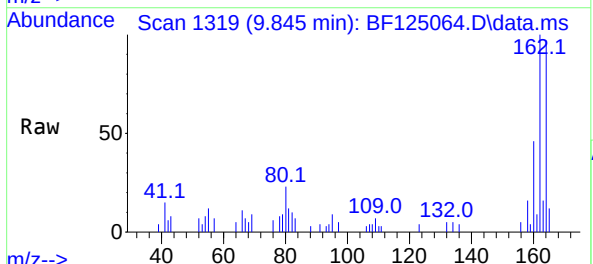
#23
Nitrobenzene-d5
Concen: 12.117 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF125064.D
Acq: 11 Aug 2021 19:36



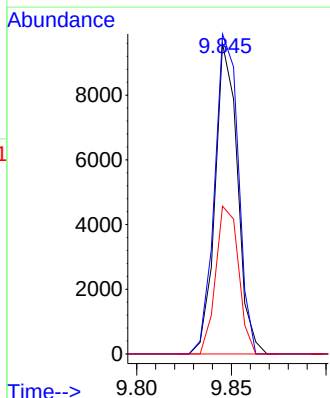
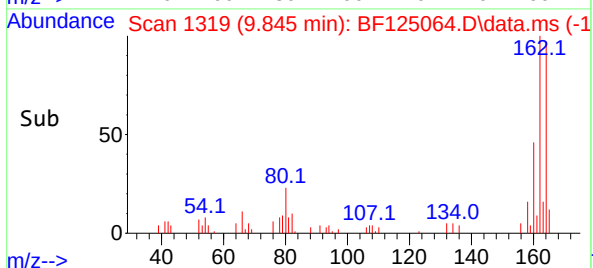
Tgt Ion: 82 Resp: 3418
Ion Ratio Lower Upper
82 100
128 29.0 40.6 60.8#
54 45.8 49.6 74.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF125064.D
Acq: 11 Aug 2021 19:36



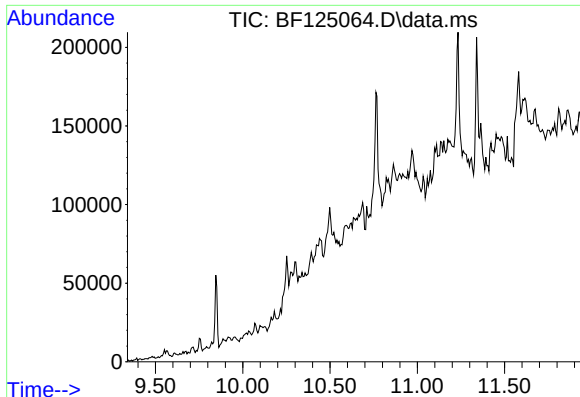
Tgt Ion: 164 Resp: 7922
Ion Ratio Lower Upper
164 100
162 103.1 81.3 121.9
160 47.6 38.0 57.0



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#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.64 min

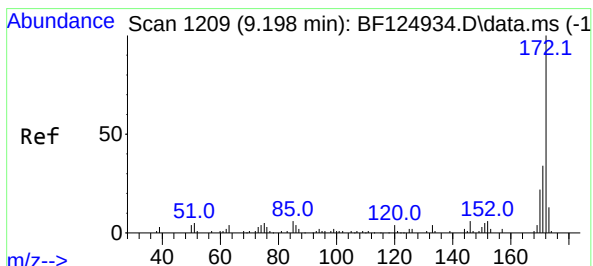
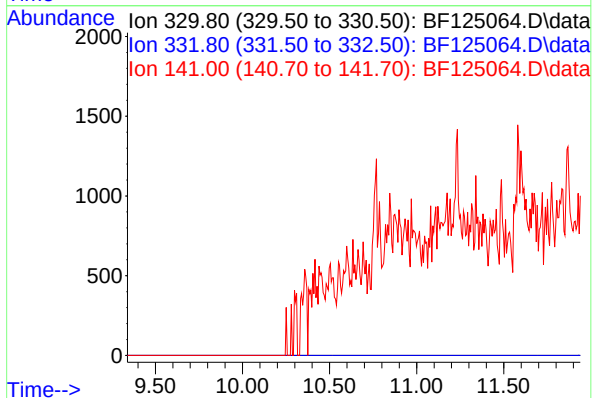
Lab File: BF125064.D
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Tgt Ion: 330
Sig Exp Ratio
330 100
332 95.3
141 55.7

Instrument :
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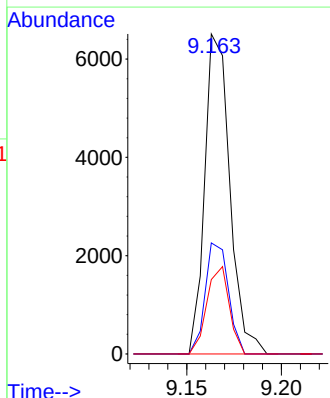
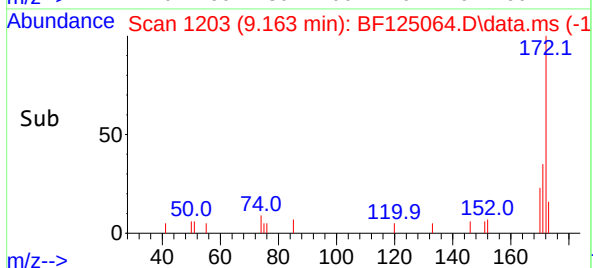
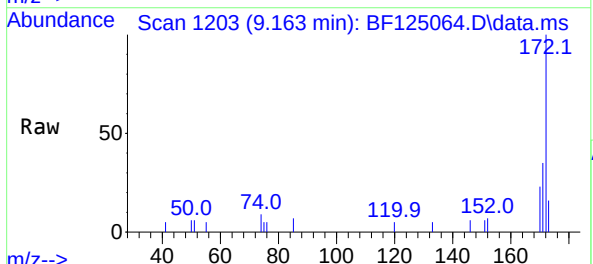
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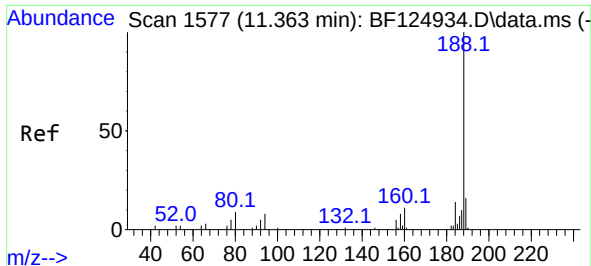
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#45
2-Fluorobiphenyl
Concen: 11.110 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.012 min
Lab File: BF125064.D
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Tgt Ion: 172 Resp: 6015
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.2 18.8 28.2





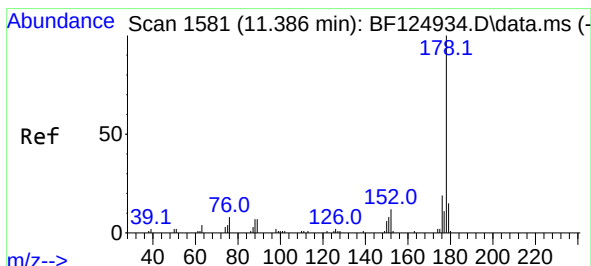
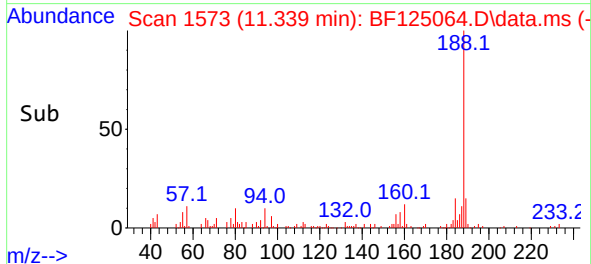
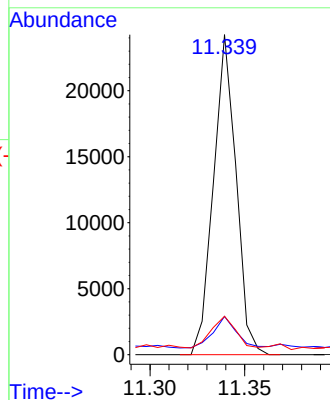
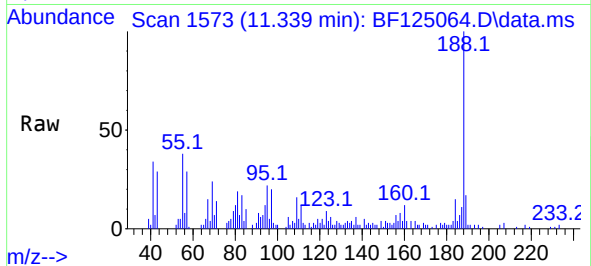
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF125064.D
Acq: 11 Aug 2021 19:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	6.7	10.1#
80	12.0	7.5	11.3#

Instrument :
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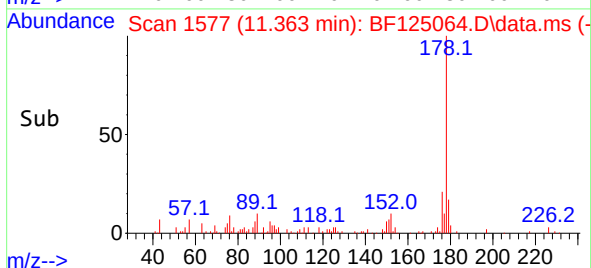
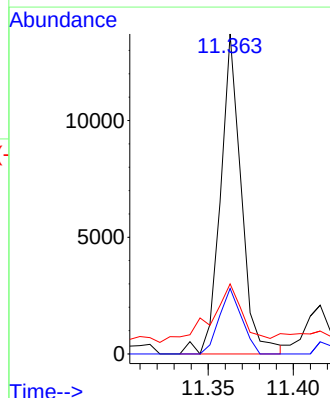
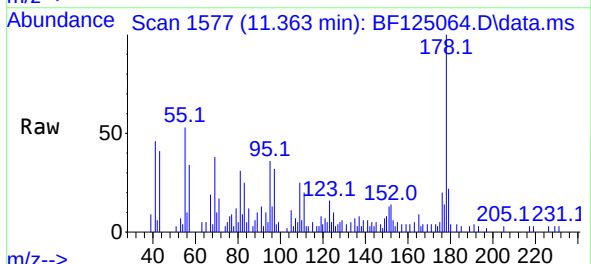
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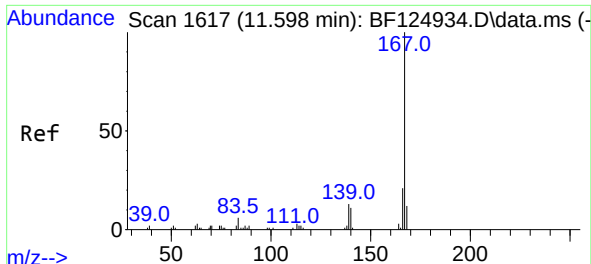
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#71
Phenanthrene
Concen: 10.698 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF125064.D
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Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	14.7	22.1
179	21.9	11.5	17.3#





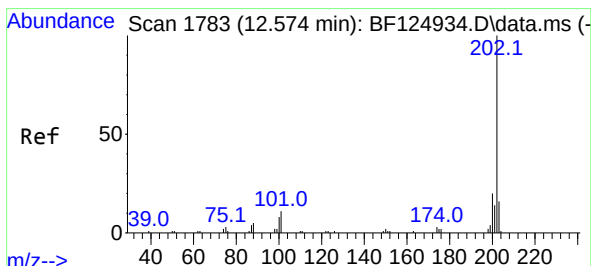
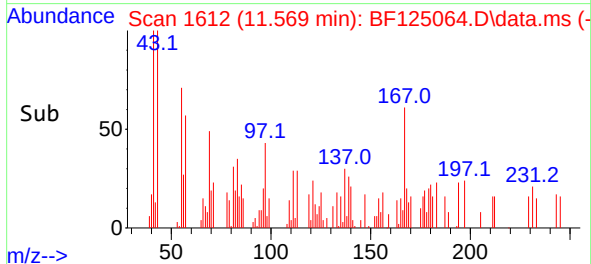
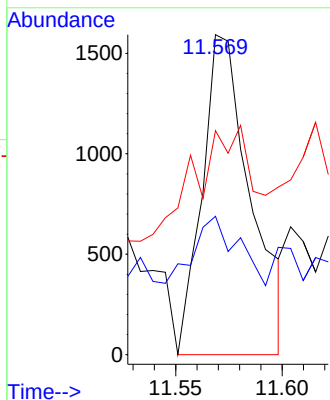
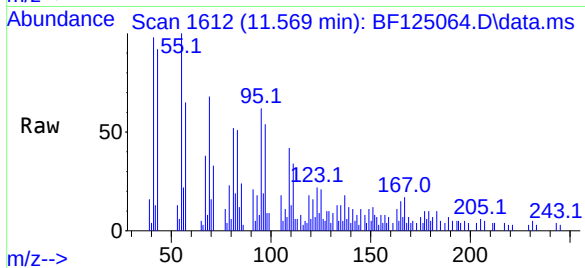
#73
Carbazole
Concen: 2.506 ng
RT: 11.569 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BF125064.D
Acq: 11 Aug 2021 19:36

Tgt Ion:	167	Resp:	2515
Ion Ratio	Lower	Upper	
167	100		
166	43.3	17.4	26.0#
139	70.0	11.0	16.4#

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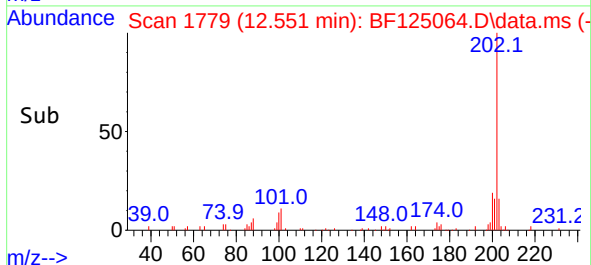
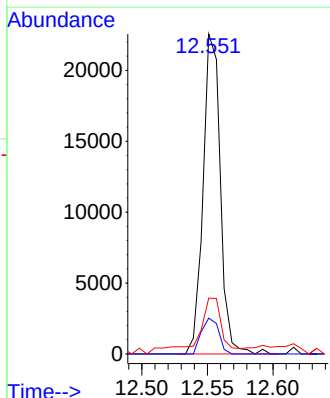
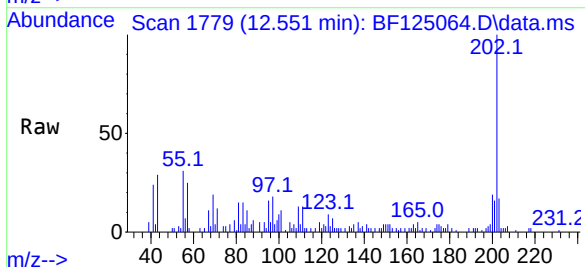
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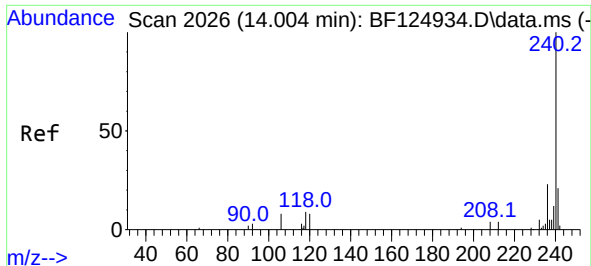
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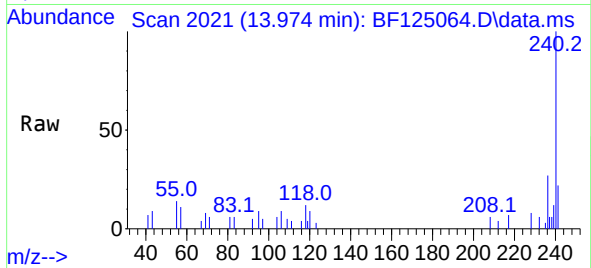
#75
Fluoranthene
Concen: 18.391 ng
RT: 12.551 min Scan# 1779
Delta R.T. 0.006 min
Lab File: BF125064.D
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Tgt Ion:	202	Resp:	20753
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	30.7
203	17.5	0.0	36.3

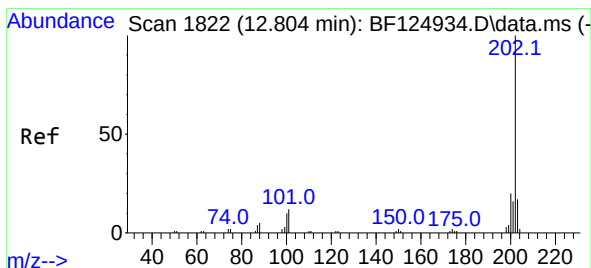
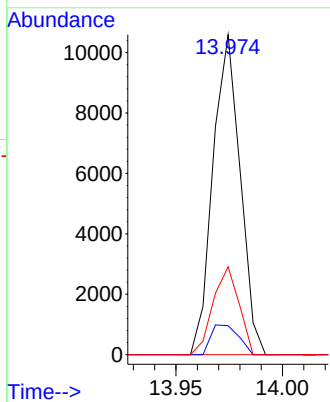
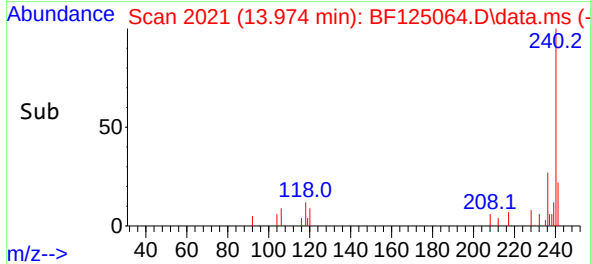




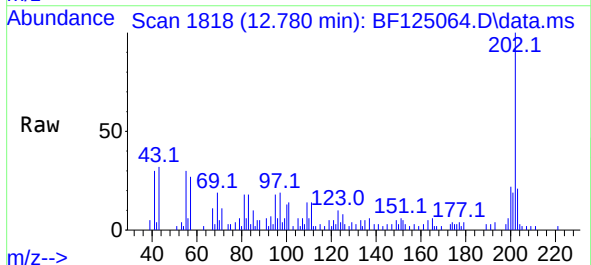
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF125064.D
Acq: 11 Aug 2021 19:36



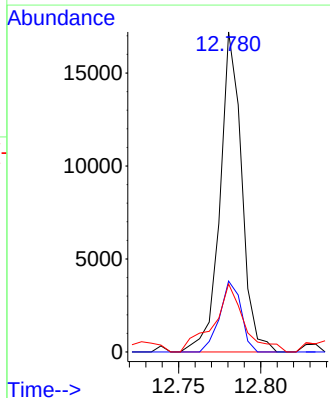
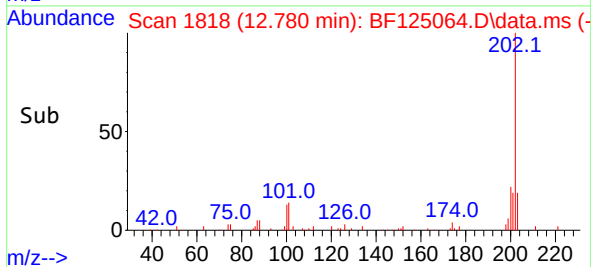
Tgt Ion:240 Resp: 9430
Ion Ratio Lower Upper
240 100
120 9.1 10.8 16.2#
236 27.5 21.6 32.4



#78
Pyrene
Concen: 21.258 ng m
RT: 12.780 min Scan# 1818
Delta R.T. 0.006 min
Lab File: BF125064.D
Acq: 11 Aug 2021 19:36



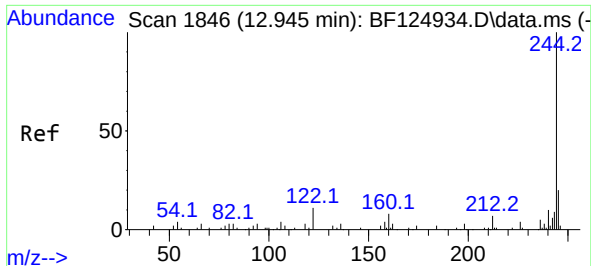
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Ion Ratio Lower Upper
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200 22.1 15.3 22.9
203 21.3 13.4 20.0#



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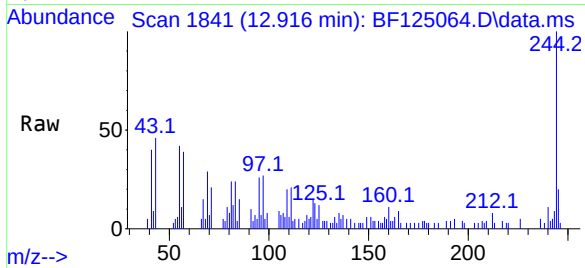
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#79
 Terphenyl-d14
 Concen: 17.122 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF125064.D
 Acq: 11 Aug 2021 19:36

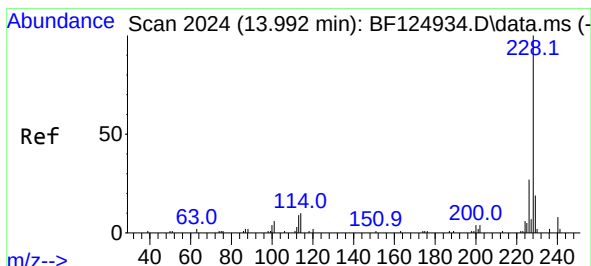
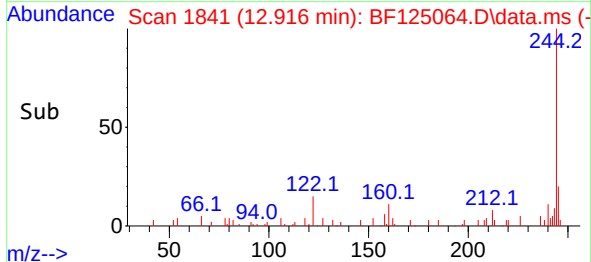
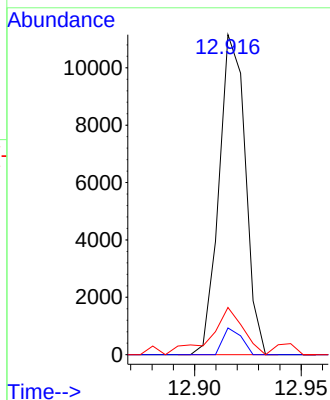
Instrument :
 BNA_F
 ClientSampled :
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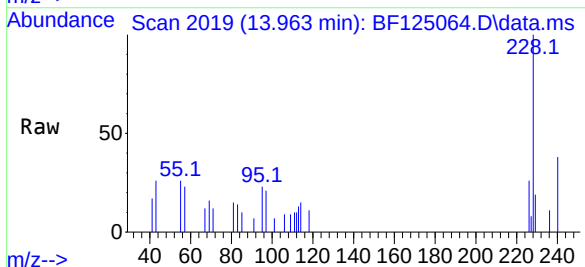
Tgt Ion:244 Resp: 9572
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.9 8.9
 122 14.7 9.0 13.4#

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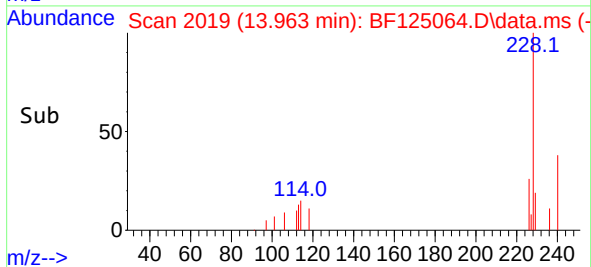
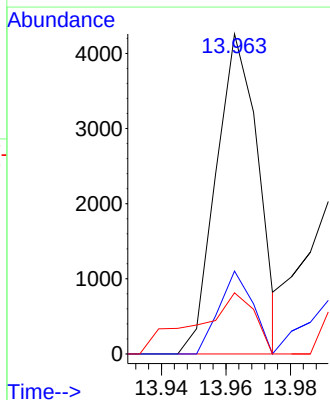
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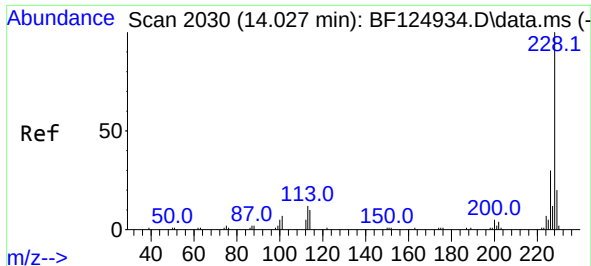


#81
 Benzo(a)anthracene
 Concen: 6.338 ng m
 RT: 13.963 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: BF125064.D
 Acq: 11 Aug 2021 19:36



Tgt Ion:228 Resp: 3895
 Ion Ratio Lower Upper
 228 100
 226 25.9 21.6 32.4
 229 19.1 15.6 23.4





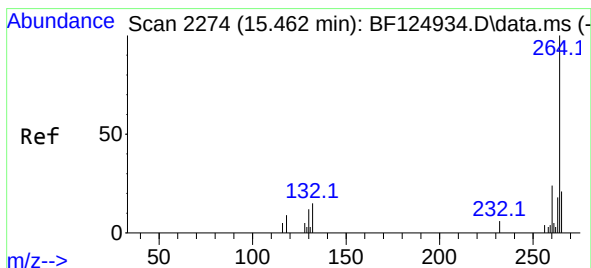
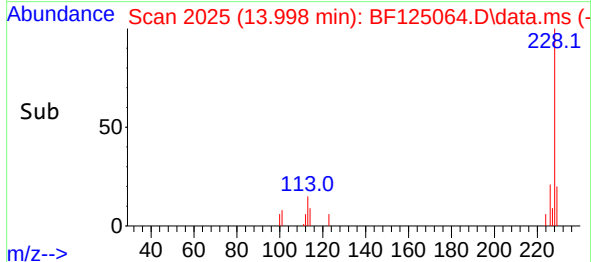
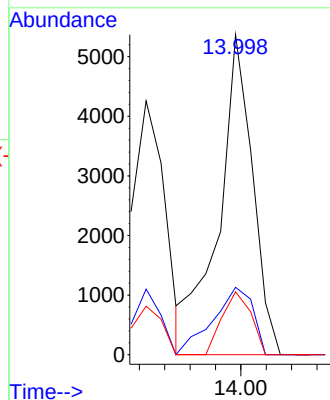
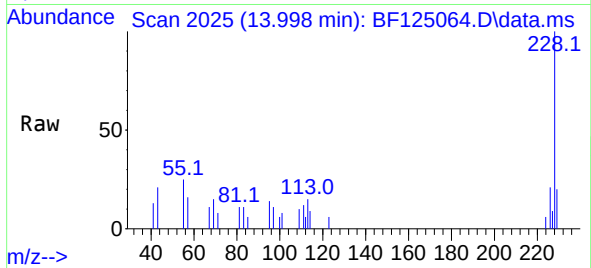
#83
Chrysene
Concen: 8.390 ng m
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF125064.D
Acq: 11 Aug 2021 19:36

Tgt Ion:	228	Resp:	4984
Ion Ratio	Lower	Upper	
228	100		
226	21.0	22.6	34.0#
229	19.7	15.9	23.9

Instrument :
BNA_F
ClientSampled :
72-12017

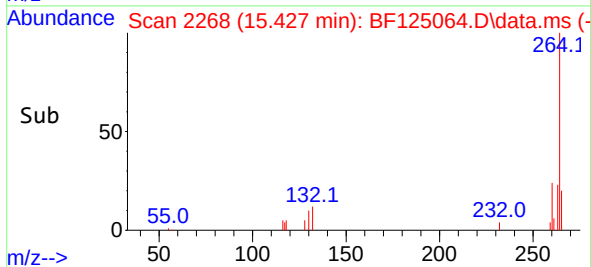
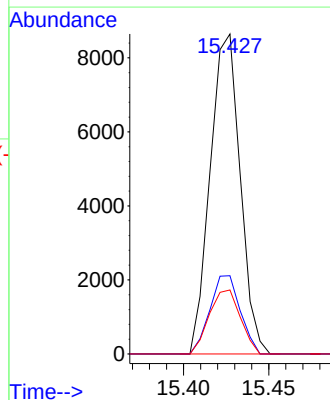
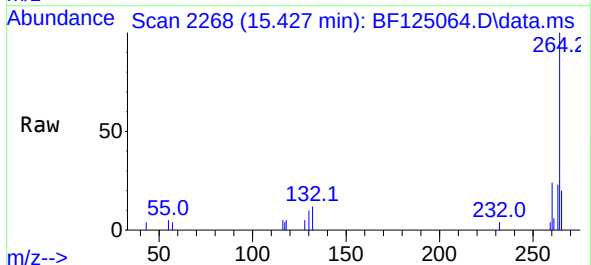
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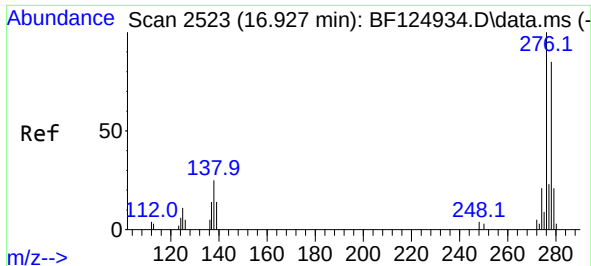
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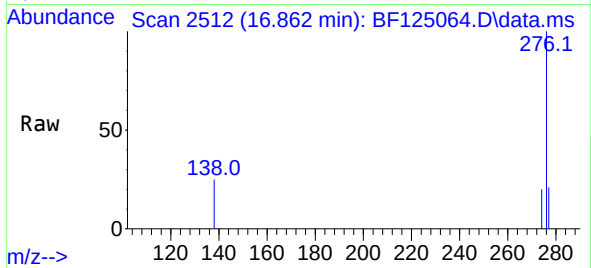
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.012 min
Lab File: BF125064.D
Acq: 11 Aug 2021 19:36

Tgt Ion:	264	Resp:	10594
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.6	29.4
265	20.0	17.2	25.8

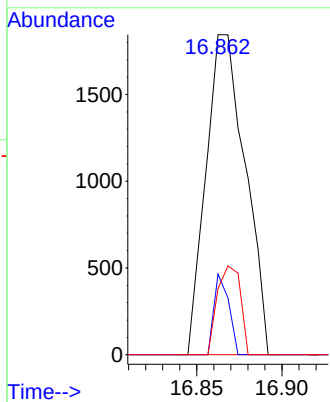
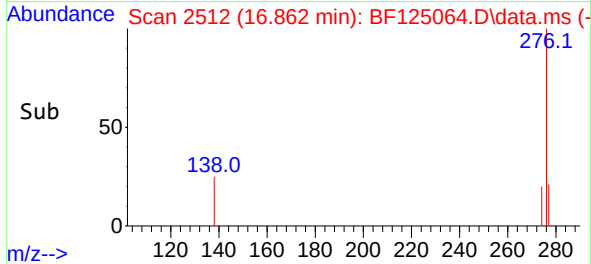




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.695 ng
RT: 16.862 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BF125064.D
Acq: 11 Aug 2021 19:36



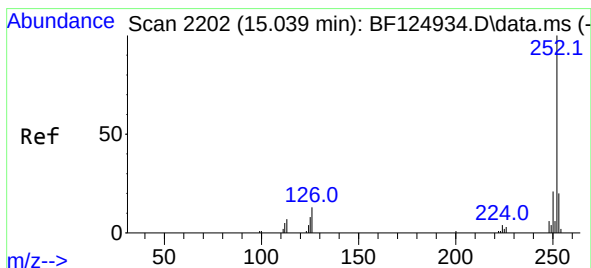
Tgt Ion: 276 Resp: 2962
Ion Ratio Lower Upper
276 100
138 9.4 24.1 36.1#
277 16.2 18.8 28.2#



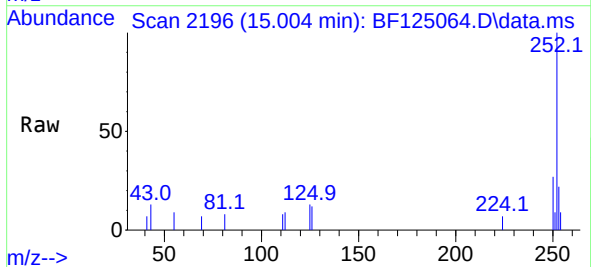
Instrument :
BNA_F
ClientSampled :
72-12017

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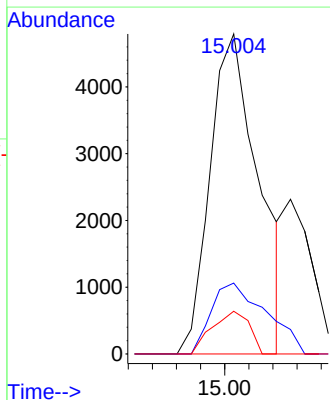
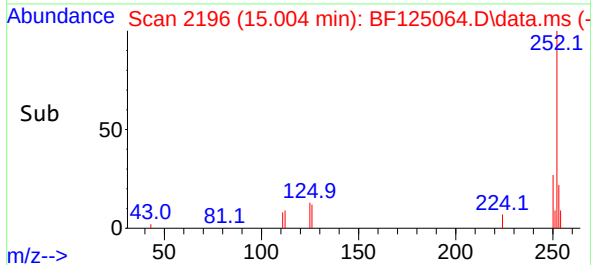
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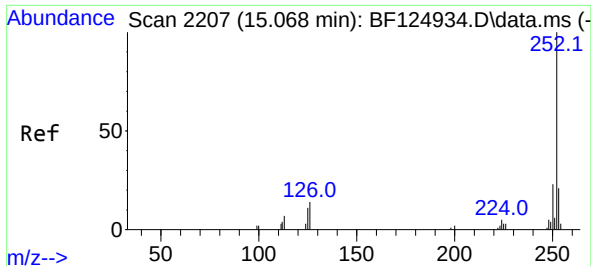


#88
Benzo(b)fluoranthene
Concen: 9.043 ng m
RT: 15.004 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF125064.D
Acq: 11 Aug 2021 19:36



Tgt Ion: 252 Resp: 6727
Ion Ratio Lower Upper
252 100
253 22.2 16.8 25.2
125 13.4 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 2.654 ng m

RT: 15.027 min Scan# 2200

Delta R.T. 0.000 min

Lab File: BF125064.D

Acq: 11 Aug 2021 19:36

Tgt Ion:	252	Resp:	1796
Ion Ratio	Lower	Upper	
252	100		
253	15.8	17.8	26.8#
125	0.0	7.2	10.8#

Instrument :

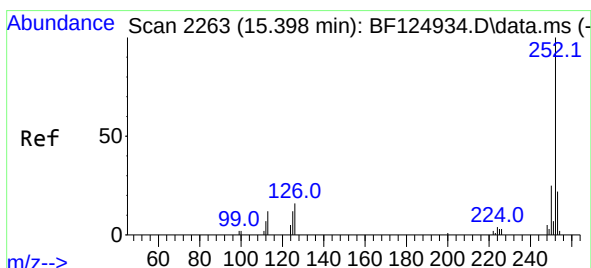
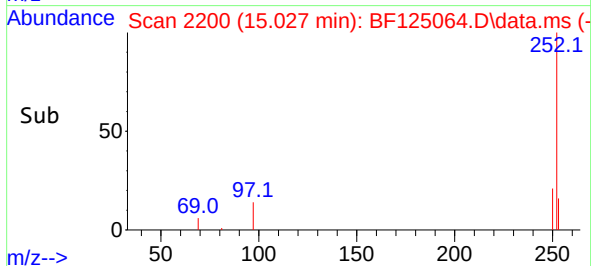
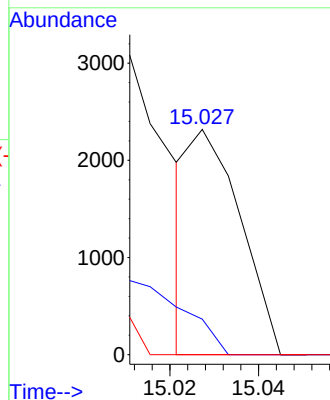
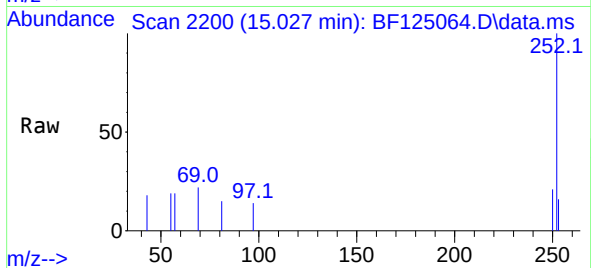
BNA_F

ClientSampled :

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#90

Benzo(a)pyrene

Concen: 6.301 ng

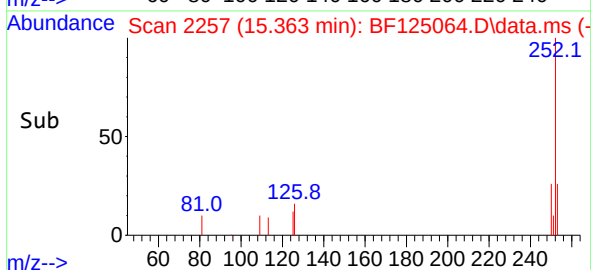
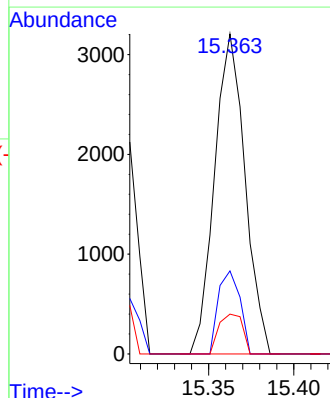
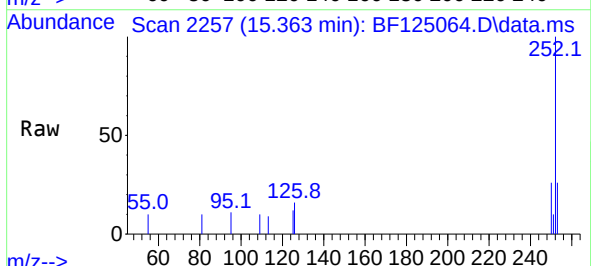
RT: 15.363 min Scan# 2257

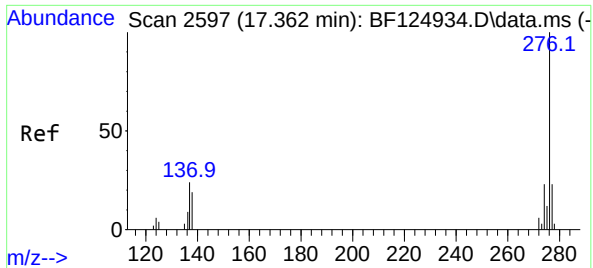
Delta R.T. 0.006 min

Lab File: BF125064.D

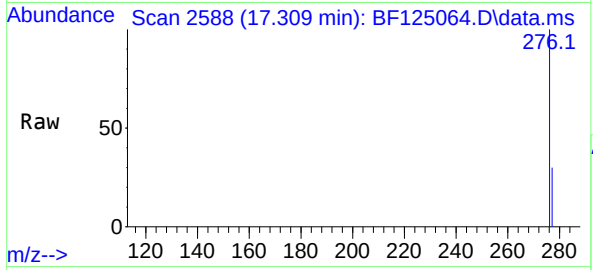
Acq: 11 Aug 2021 19:36

Tgt Ion:	252	Resp:	3991
Ion Ratio	Lower	Upper	
252	100		
253	25.9	18.4	27.6
125	12.4	9.9	14.9

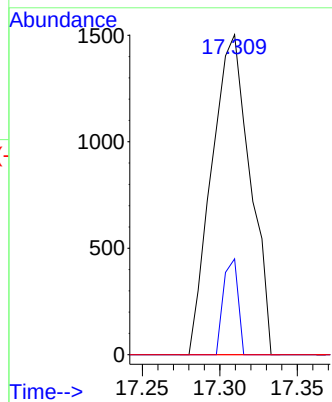
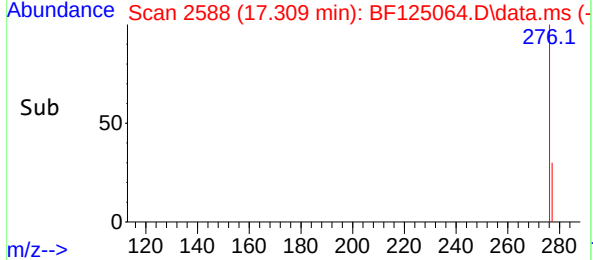




#92
Benzo(g,h,i)perylene
Concen: 4.870 ng
RT: 17.309 min Scan# 2588
Delta R.T. 0.006 min
Lab File: BF125064.D
Acq: 11 Aug 2021 19:36



Tgt Ion:	276	Resp:	2591
Ion Ratio	Lower	Upper	
276	100		
277	29.9	22.0	33.0
138	0.0	22.2	33.4#



Instrument :
BNA_F
ClientSampleId :
72-12017

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