

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
 Data File : BF125208.D
 Acq On : 25 Aug 2021 14:15
 Operator : JU/CG
 Sample : M3523-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11998

Manual Integrations
 APPROVED

mohammad
 8/26/2021 11:39:43 AM

Quant Time: Aug 25 15:58:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	143178	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	549223	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	288687	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	498539	20.000	ng	0.00
76) Chrysene-d12	14.080	240	312142	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	326920	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	757062	80.032	ng	0.00
7) Phenol-d6	6.534	99	952539	77.860	ng	0.00
23) Nitrobenzene-d5	7.475	82	639664	58.634	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	290812	100.916	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1182358	57.082	ng	0.00
79) Terphenyl-d14	13.021	244	1140342	58.200	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.910	142	37732	2.030	ng	98
52) Acenaphthene	9.980	154	158367	9.269	ng	99
55) Dibenzofuran	10.157	168	229467	9.332	ng	97
58) Fluorene	10.498	166	205875	11.325	ng	99
71) Phenanthrene	11.463	178	1106528	40.282	ng	97
72) Anthracene	11.510	178	71537	2.642	ng	98
75) Fluoranthene	12.651	202	707538	25.958	ng	98
78) Pyrene	12.880	202	493480	18.430	ng	99
81) Benzo(a)anthracene	14.068	228	100593	4.473	ng	98
83) Chrysene	14.104	228	69884	3.142	ng	99
88) Benzo(b)fluoranthene	15.133	252	51404m	2.152	ng	

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

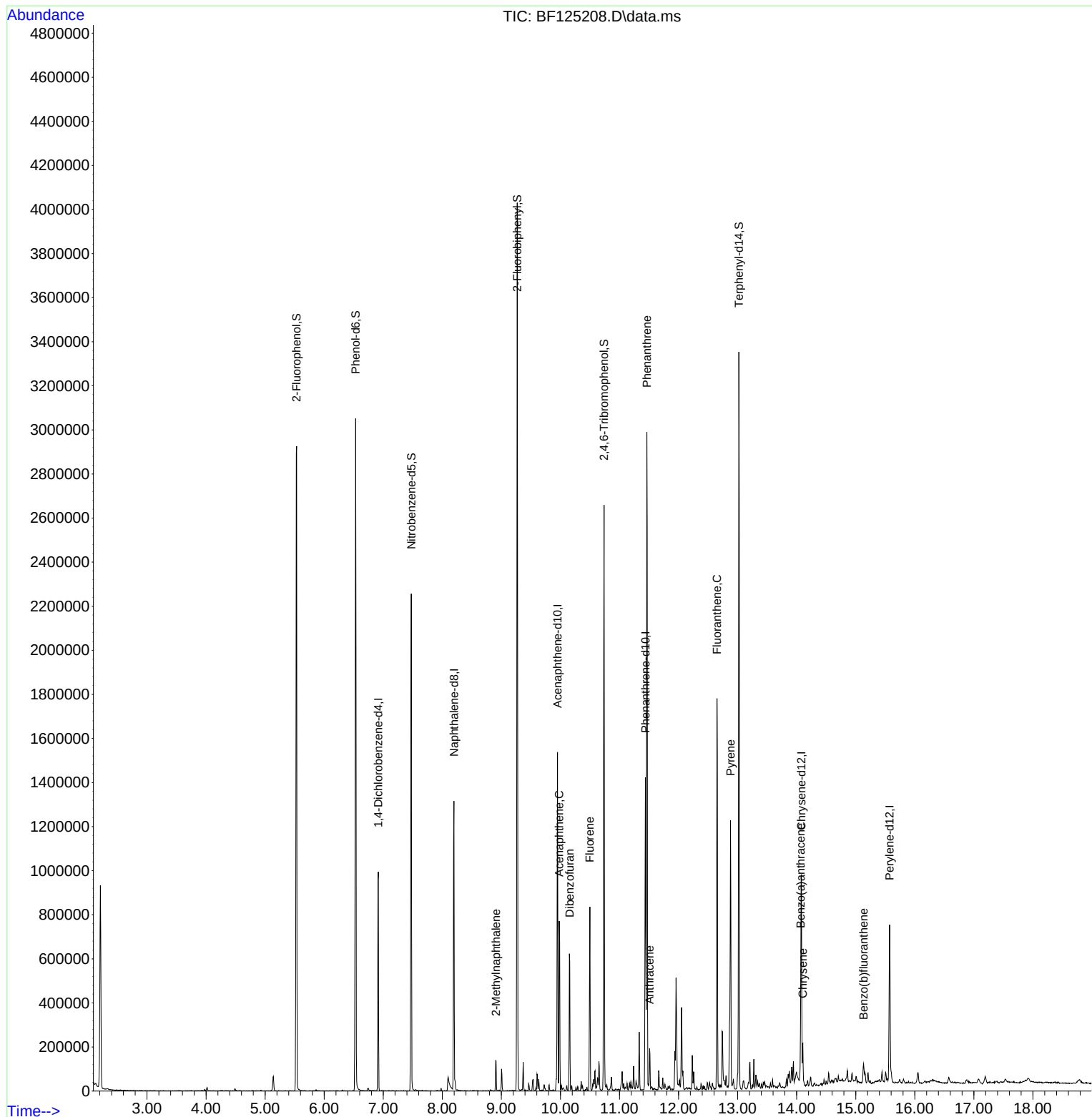
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Data File : BF125208.D
Acq On : 25 Aug 2021 14:15
Operator : JU/CG
Sample : M3523-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

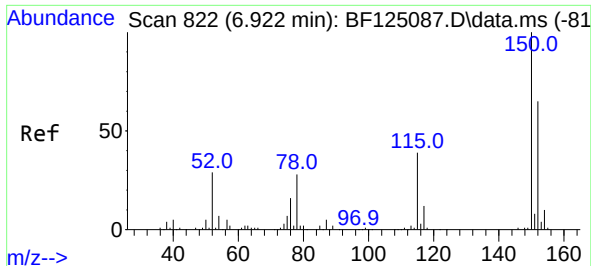
Instrument :
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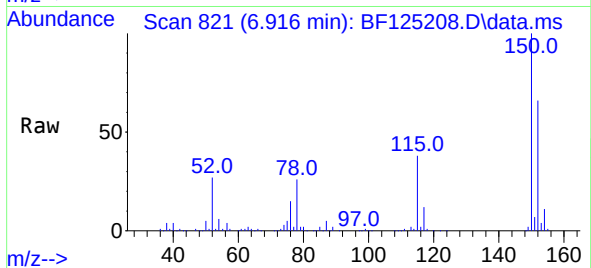
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Quant Time: Aug 25 15:58:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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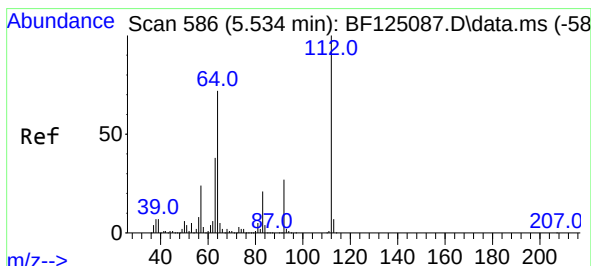
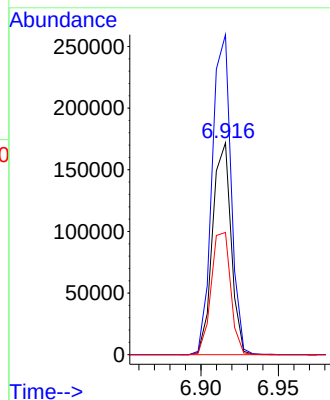
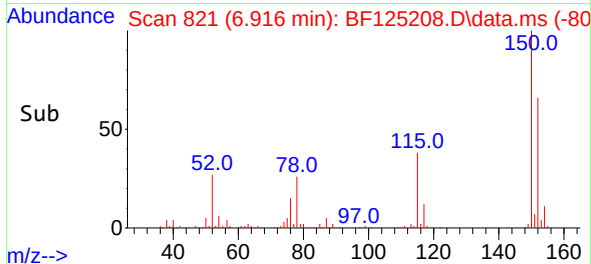




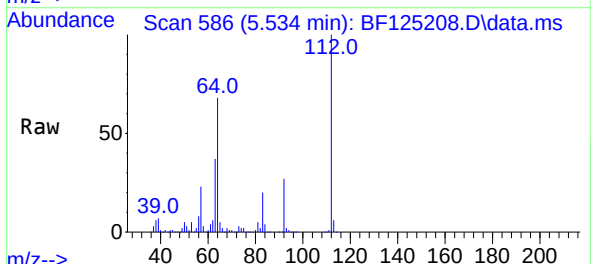
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15



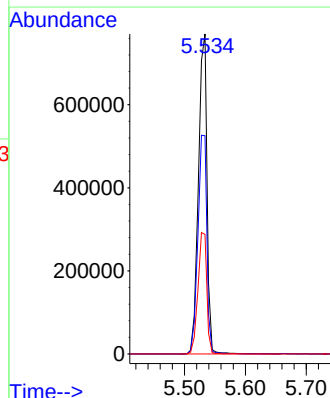
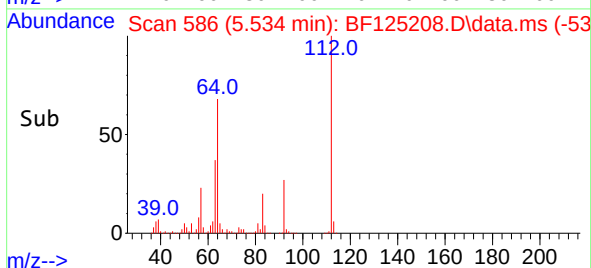
Tgt Ion:152 Resp: 143178
Ion Ratio Lower Upper
152 100
150 151.0 117.6 176.4
115 57.7 47.1 70.7



#5
2-Fluorophenol
Concen: 80.032 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15



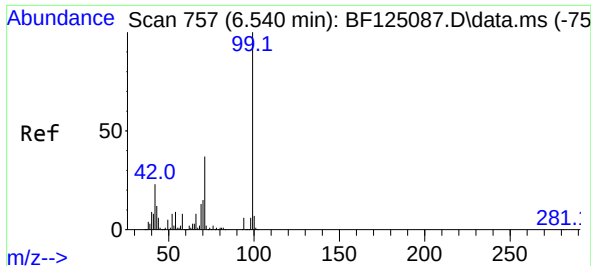
Tgt Ion:112 Resp: 757062
Ion Ratio Lower Upper
112 100
64 68.2 44.2 66.2#
63 37.4 26.2 39.2



Instrument :
BNA_F
ClientSampled :
72-11998

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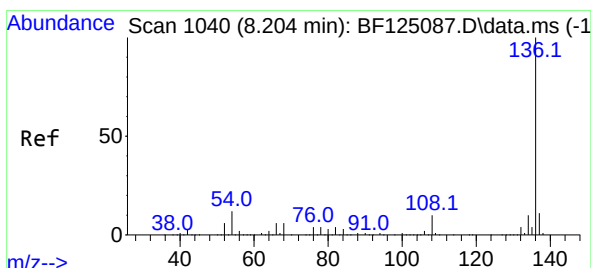
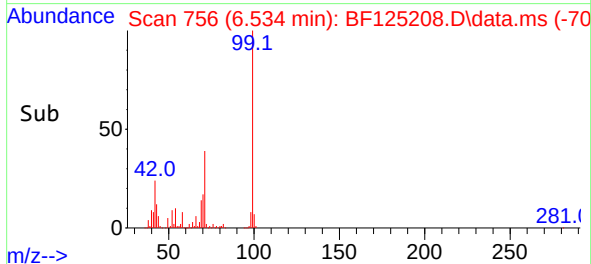
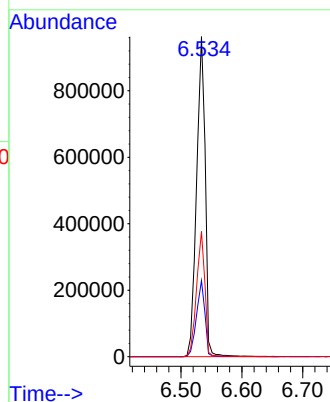
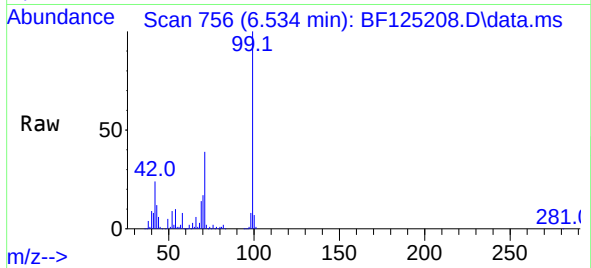
#7
Phenol-d6
Concen: 77.860 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15

Tgt Ion: 99 Resp: 952539
Ion Ratio Lower Upper
99 100
42 23.8 23.5 35.3
71 39.1 25.6 38.4#

Instrument :
BNA_F
ClientSampleId :
72-11998

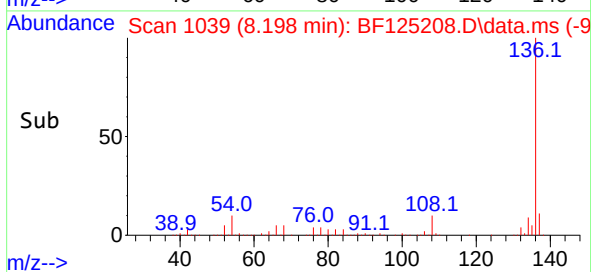
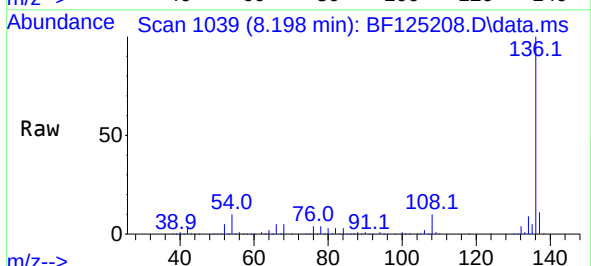
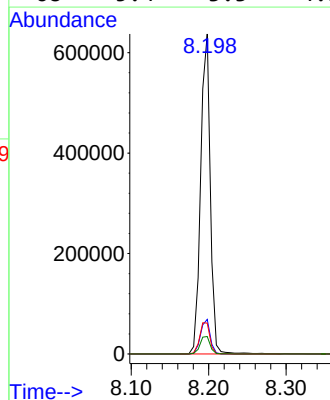
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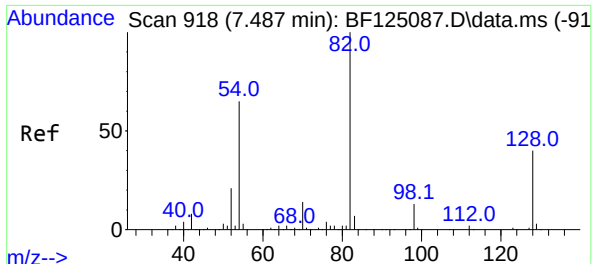
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15

Tgt Ion: 136 Resp: 549223
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 9.7 6.4 9.6#
68 5.4 3.3 4.9#





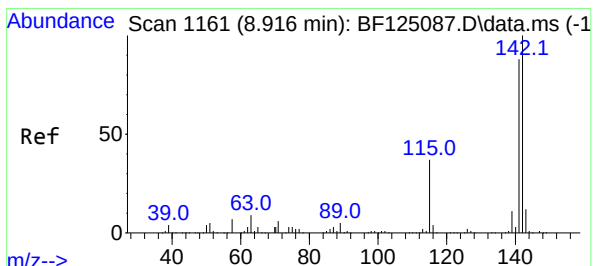
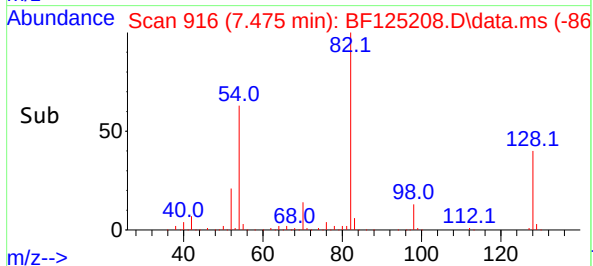
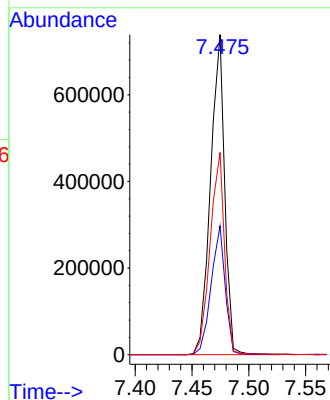
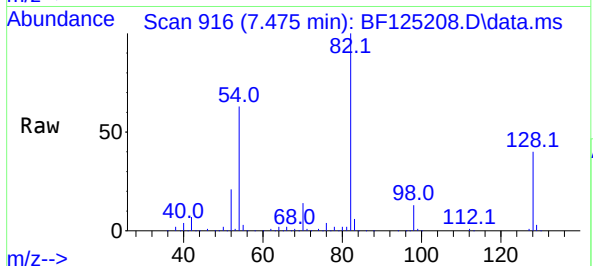
#23
Nitrobenzene-d5
Concen: 58.634 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15

Tgt Ion: 82 Resp: 639664
Ion Ratio Lower Upper
82 100
128 40.3 40.6 60.8#
54 63.2 49.6 74.4

Instrument :
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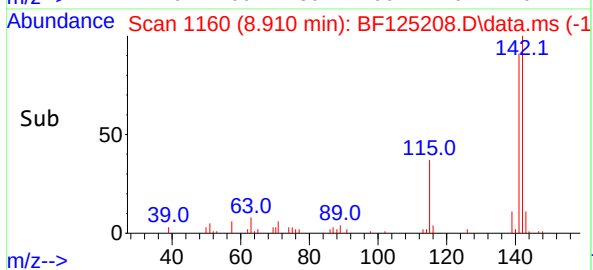
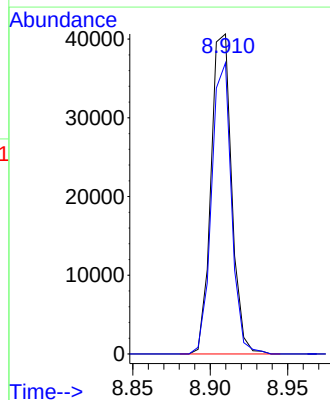
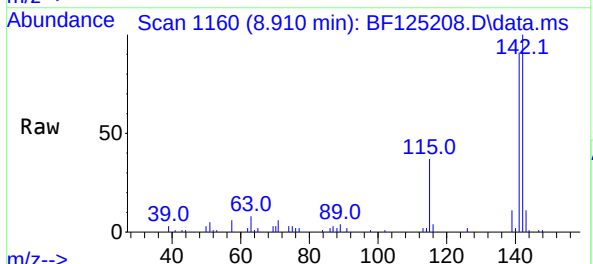
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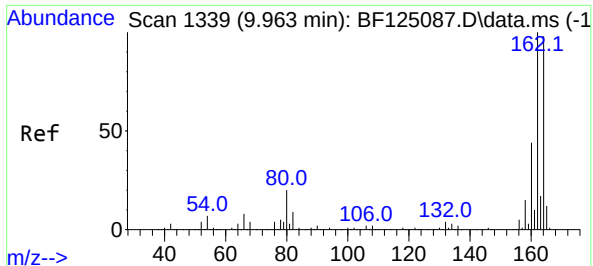
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#37
2-Methylnaphthalene
Concen: 2.030 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15

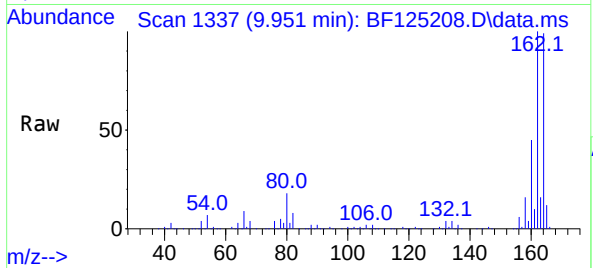
Tgt Ion: 142 Resp: 37732
Ion Ratio Lower Upper
142 100
141 90.9 71.2 106.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15

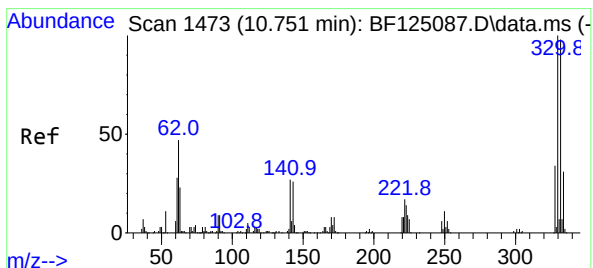
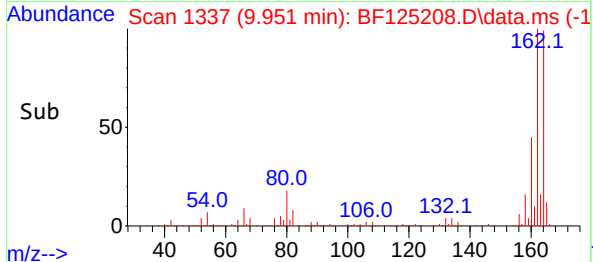
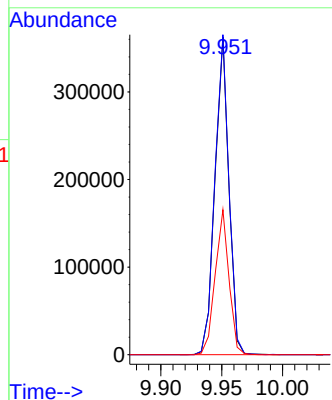
Instrument :
BNA_F
ClientSampled :
72-11998



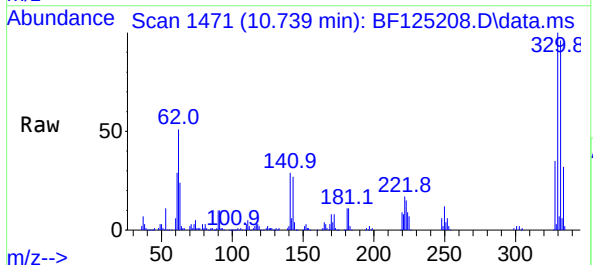
Tgt Ion:164 Resp: 288687
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 45.6 38.0 57.0

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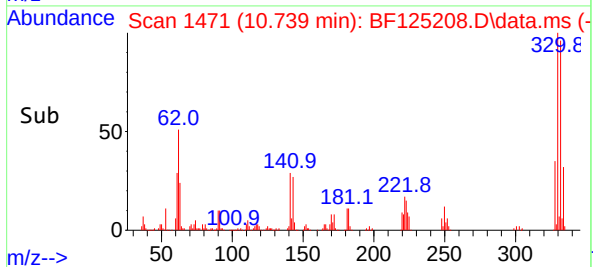
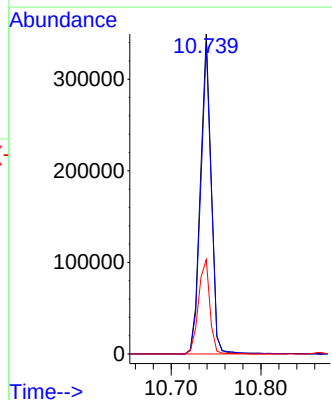
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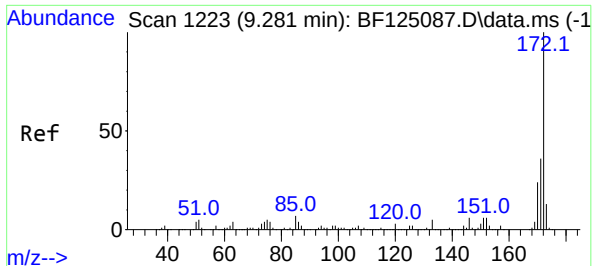


#42
2,4,6-Tribromophenol
Concen: 100.916 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15



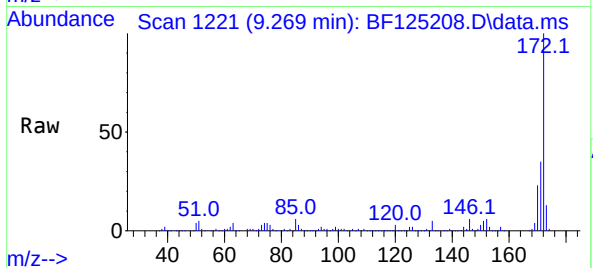
Tgt Ion:330 Resp: 290812
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 31.0 44.6 66.8#





#45
2-Fluorobiphenyl
Concen: 57.082 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15

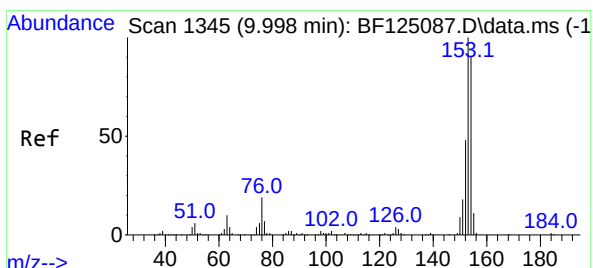
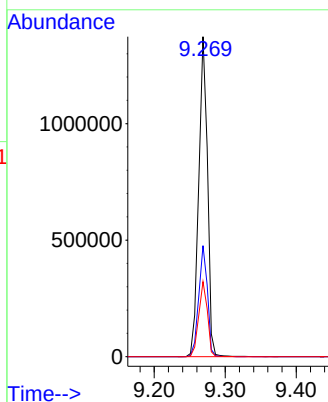
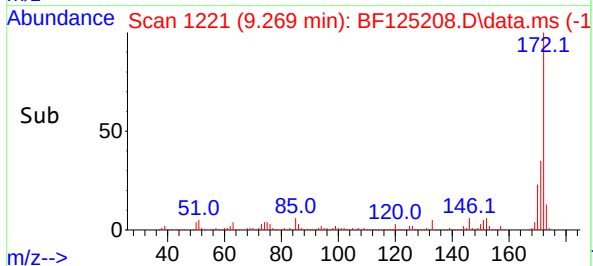
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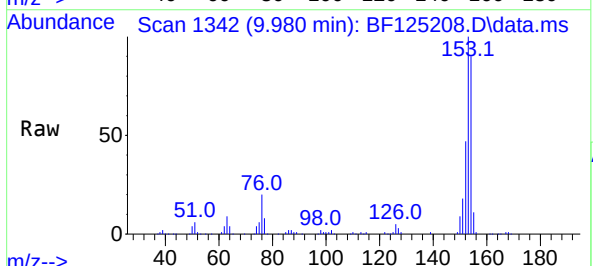
Tgt Ion:172 Resp: 1182358
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 23.5 18.8 28.2

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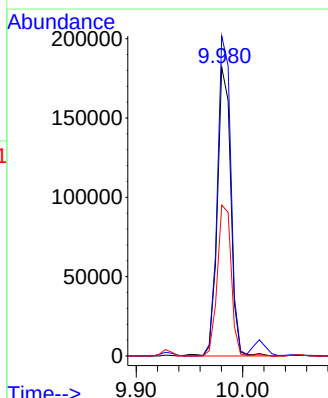
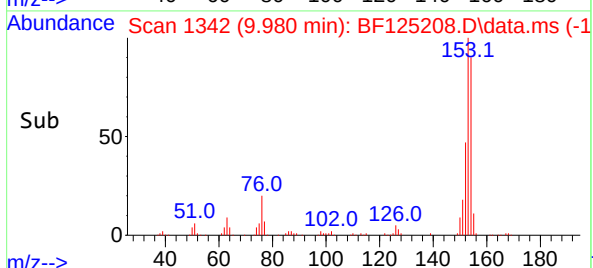
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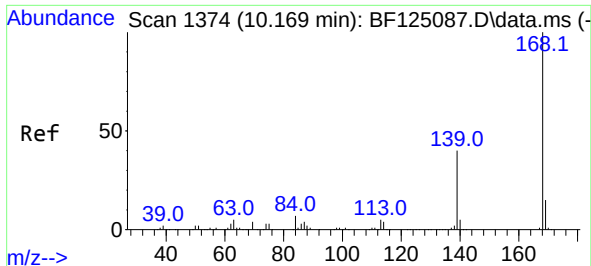


#52
Acenaphthene
Concen: 9.269 ng
RT: 9.980 min Scan# 1342
Delta R.T. -0.006 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15

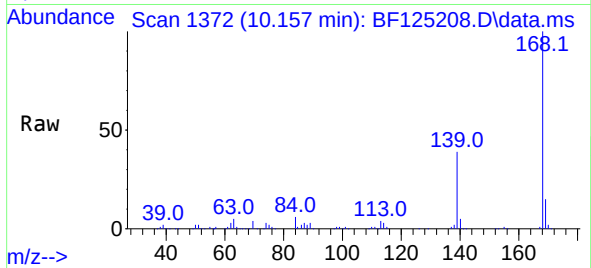


Tgt Ion:154 Resp: 158367
Ion Ratio Lower Upper
154 100
153 110.9 89.4 134.2
152 52.3 40.5 60.7

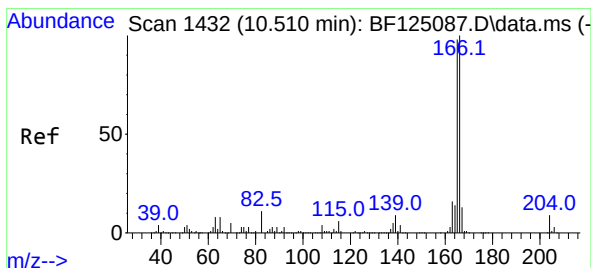
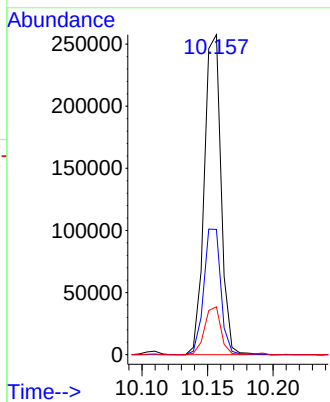
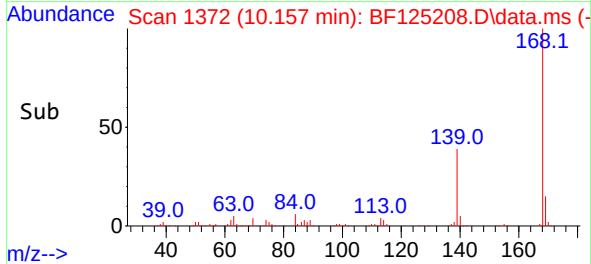




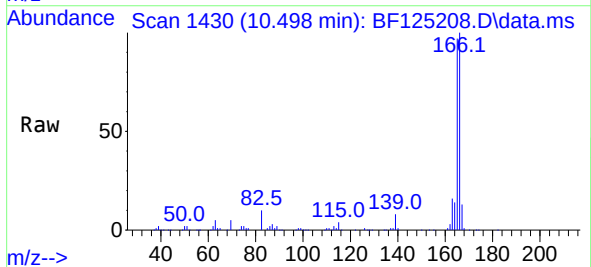
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Dibenzenofuran
Concen: 9.332 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15



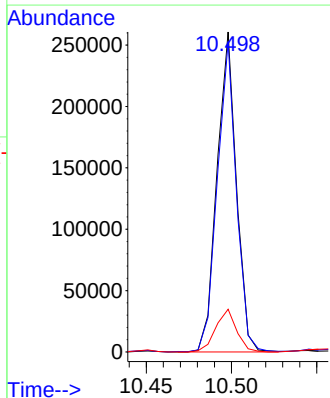
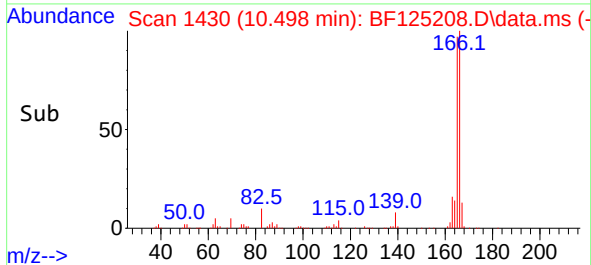
Tgt Ion:168 Resp: 229467
Ion Ratio Lower Upper
168 100
139 39.1 32.7 49.1
169 15.0 11.2 16.8



#58
Fluorene
Concen: 11.325 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15



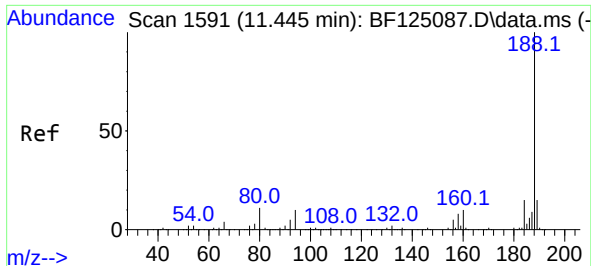
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Ion Ratio Lower Upper
166 100
165 97.0 78.1 117.1
167 13.4 11.1 16.7



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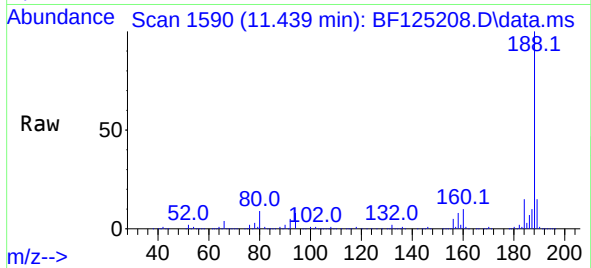
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15

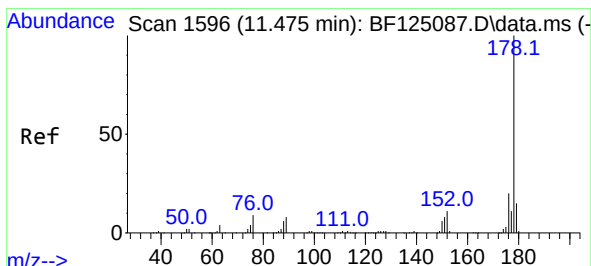
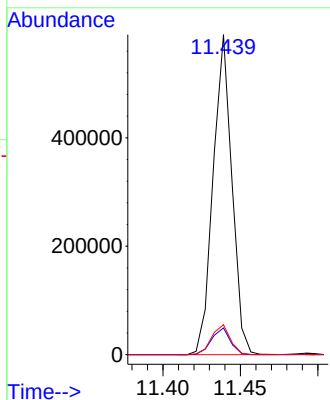
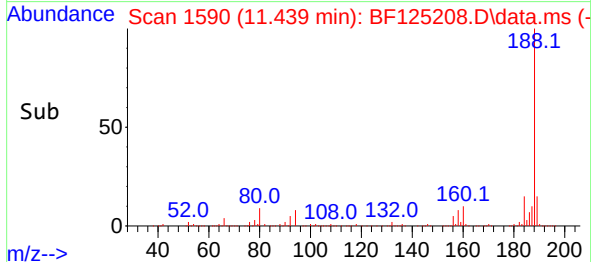
Instrument :
BNA_F
ClientSampleId :
72-11998



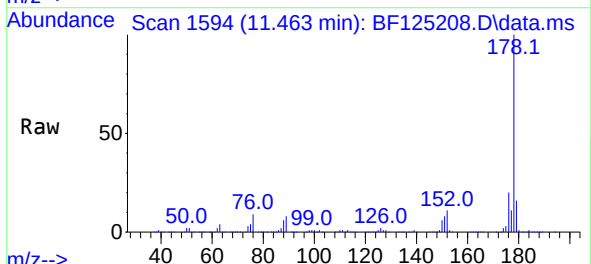
Tgt Ion:188 Resp: 498539
Ion Ratio Lower Upper
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94 8.4 6.7 10.1
80 9.3 7.5 11.3

Manual Integrations
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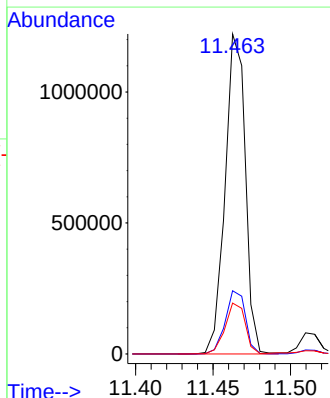
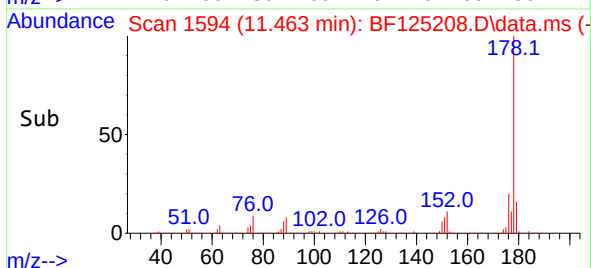
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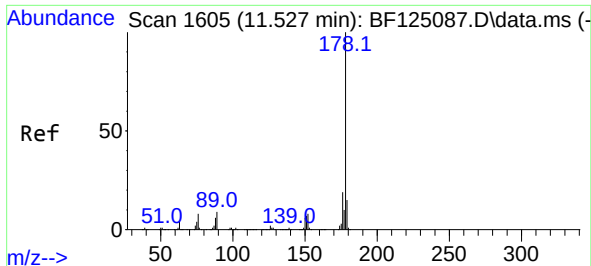


#71
Phenanthrene
Concen: 40.282 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15

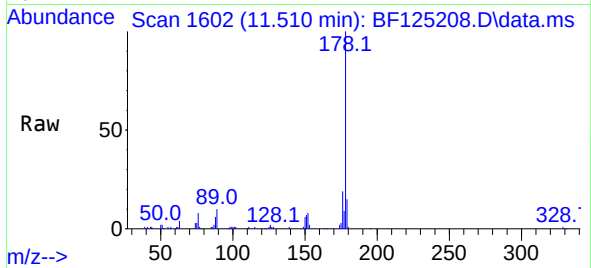


Tgt Ion:178 Resp: 1106528
Ion Ratio Lower Upper
178 100
176 19.7 14.7 22.1
179 15.9 11.5 17.3

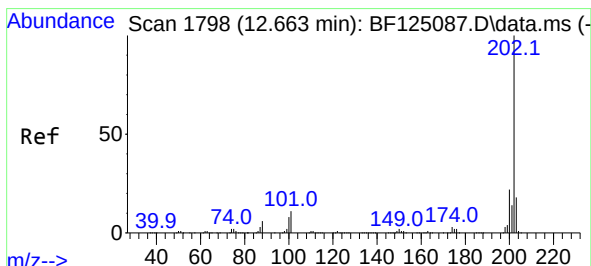
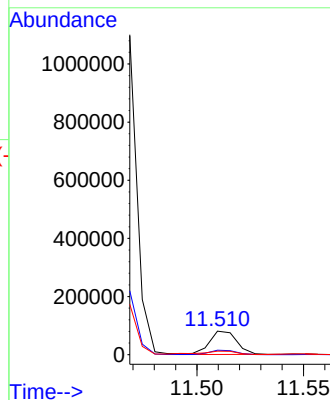
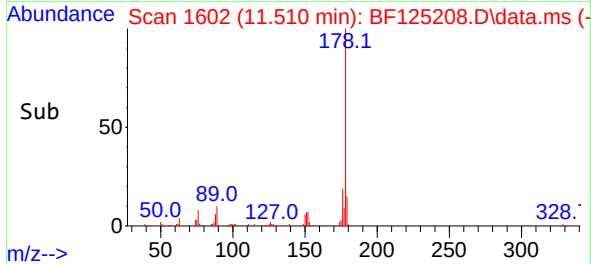




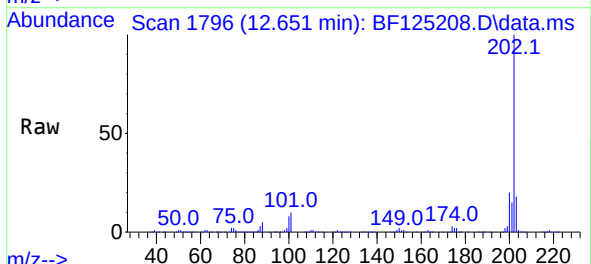
#72
 Anthracene
 Concen: 2.642 ng
 RT: 11.510 min Scan# 1602
 Delta R.T. -0.006 min
 Lab File: BF125208.D
 Acq: 25 Aug 2021 14:15



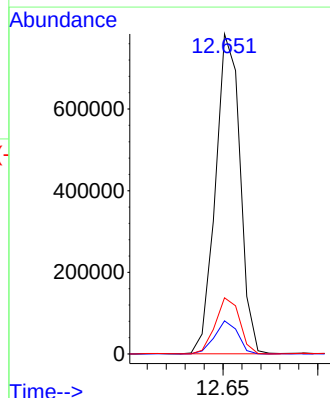
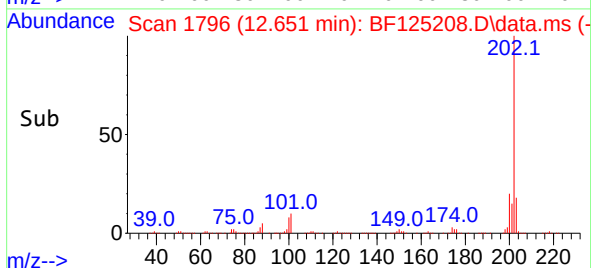
Tgt Ion:178 Resp: 71537
 Ion Ratio Lower Upper
 178 100
 176 19.0 14.3 21.5
 179 15.0 12.2 18.4



#75
 Fluoranthene
 Concen: 25.958 ng
 RT: 12.651 min Scan# 1796
 Delta R.T. -0.000 min
 Lab File: BF125208.D
 Acq: 25 Aug 2021 14:15



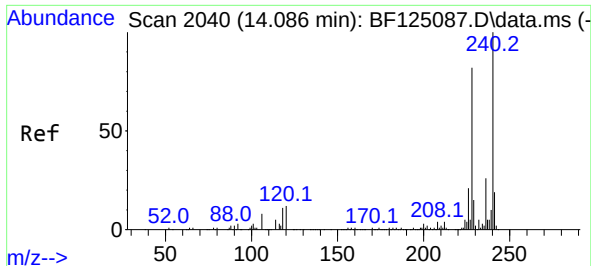
Tgt Ion:202 Resp: 707538
 Ion Ratio Lower Upper
 202 100
 101 10.3 0.0 30.7
 203 17.5 0.0 36.3



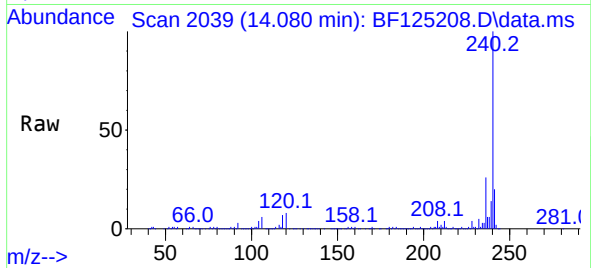
Instrument :
 BNA_F
 ClientSampled :
 72-11998

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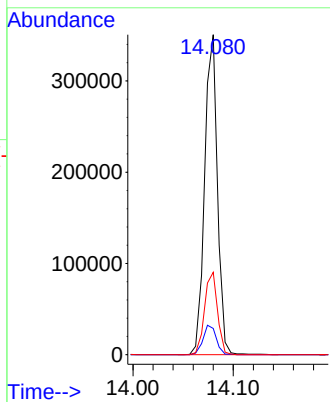
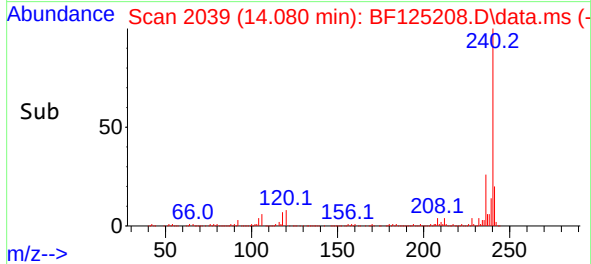
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15



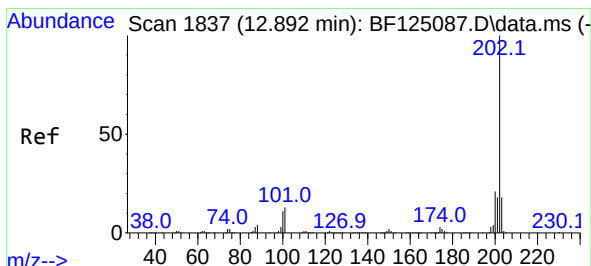
Tgt Ion:240 Resp: 312142
Ion Ratio Lower Upper
240 100
120 8.2 10.8 16.2#
236 25.7 21.6 32.4



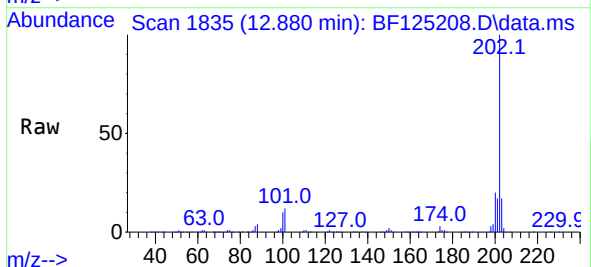
Instrument :
BNA_F
ClientSampled :
72-11998

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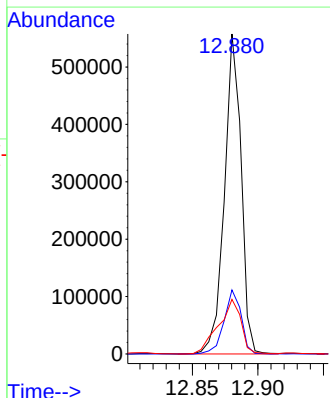
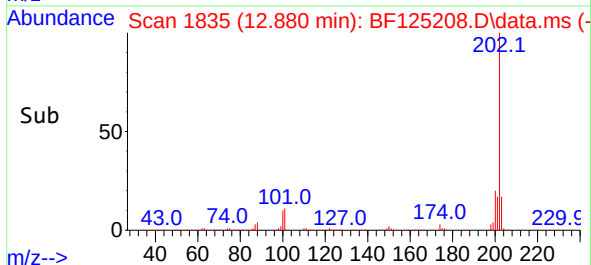
mohammad
8/26/2021 11:39:43 AM

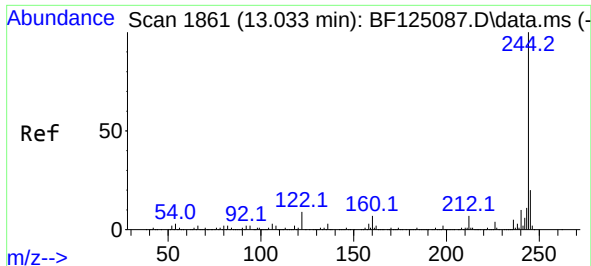


#78
Pyrene
Concen: 18.430 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15



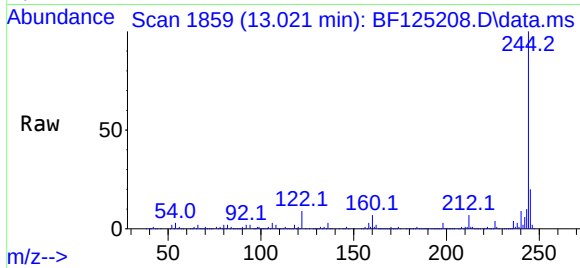
Tgt Ion:202 Resp: 493480
Ion Ratio Lower Upper
202 100
200 20.0 15.3 22.9
203 17.1 13.4 20.0





#79
Terphenyl-d14
Concen: 58.200 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15

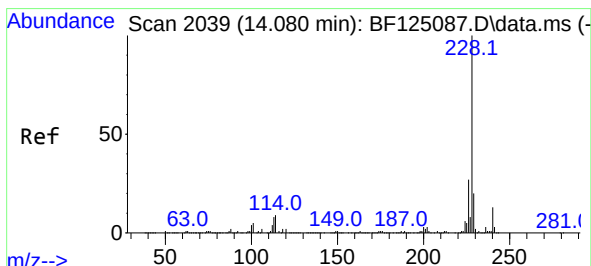
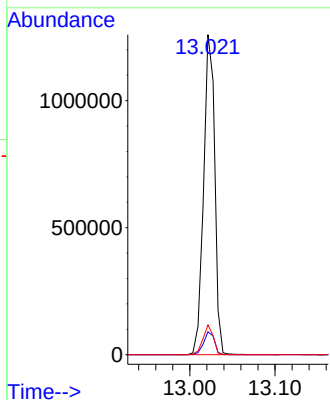
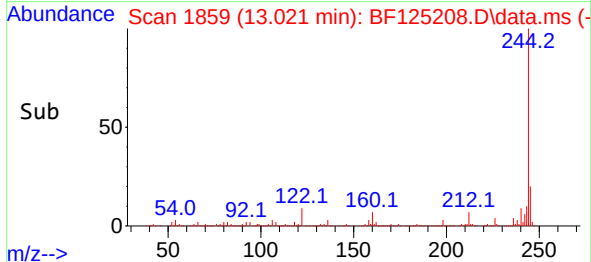
Instrument :
BNA_F
ClientSampleId :
72-11998



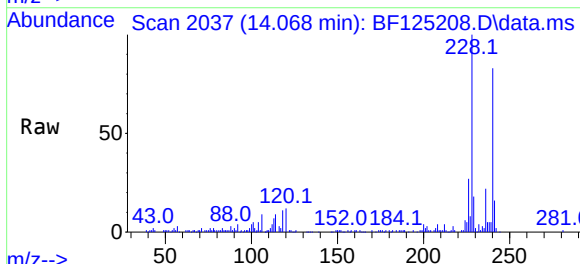
Tgt Ion:244 Resp: 1140342
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 9.3 9.0 13.4

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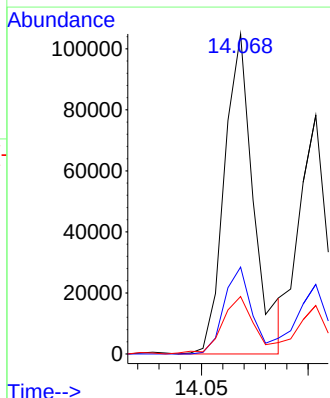
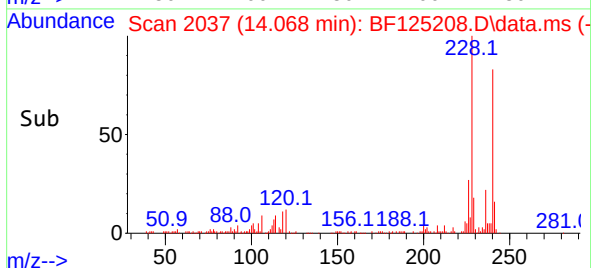
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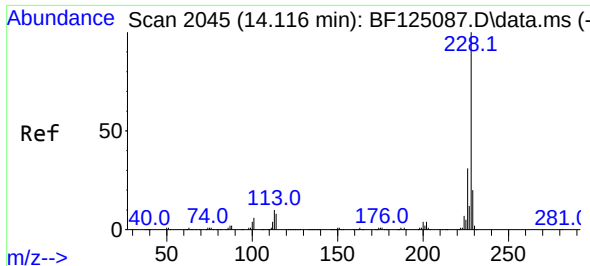


#81
Benzo(a)anthracene
Concen: 4.473 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15



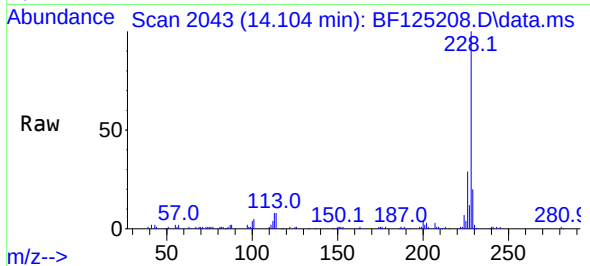
Tgt Ion:228 Resp: 100593
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 17.9 15.6 23.4





#83
Chrysene
Concen: 3.142 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15

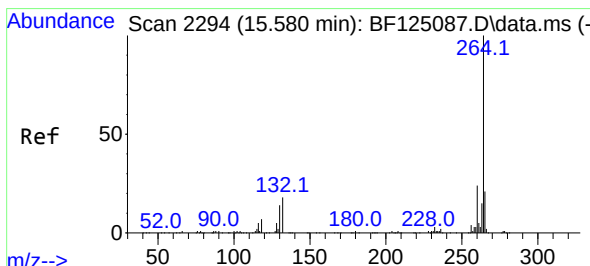
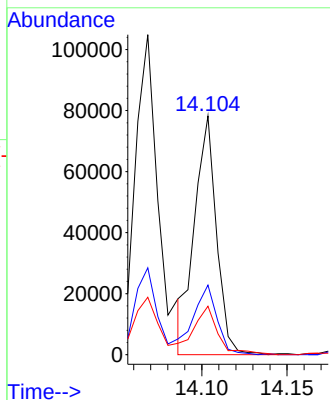
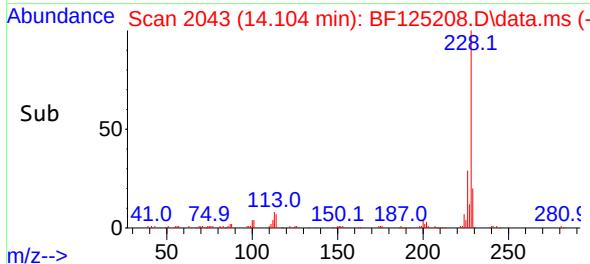
Instrument :
BNA_F
ClientSampled :
72-11998



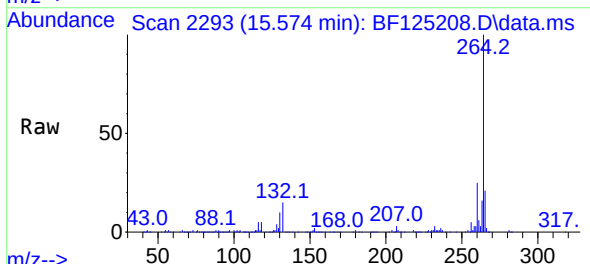
Tgt Ion:228 Resp: 69884
Ion Ratio Lower Upper
228 100
226 29.2 22.6 34.0
229 20.3 15.9 23.9

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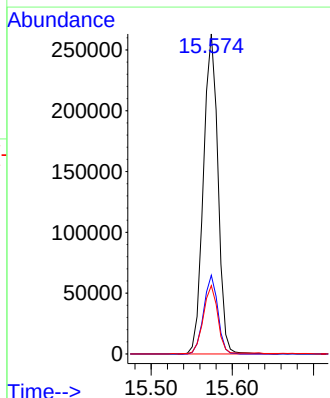
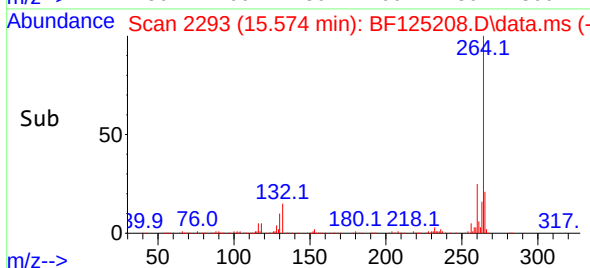
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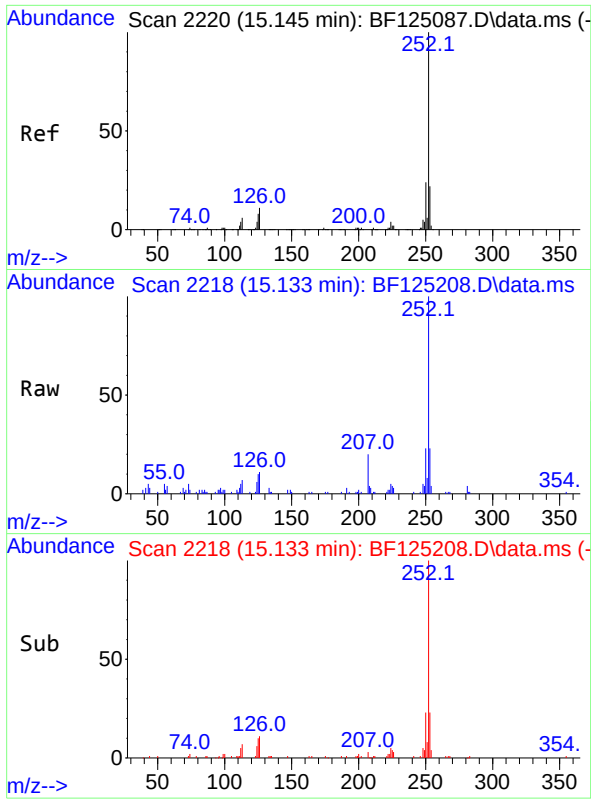


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15



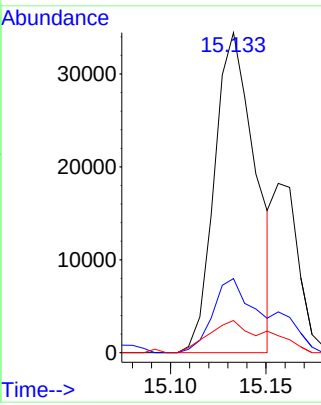
Tgt Ion:264 Resp: 326920
Ion Ratio Lower Upper
264 100
260 24.6 19.6 29.4
265 21.4 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 2.152 ng m
RT: 15.133 min Scan# 2218
Delta R.T. -0.000 min
Lab File: BF125208.D
Acq: 25 Aug 2021 14:15

Tgt Ion:252	Resp:	51404
Ion Ratio	Lower	Upper
252	100	
253	23.1	16.8 25.2
125	10.1	9.8 14.8



Instrument :
BNA_F
ClientSampleId :
72-11998

Manual Integrations
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8/26/2021 11:39:43 AM