

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083021\
 Data File : BF125278.D
 Acq On : 30 Aug 2021 23:42
 Operator : JU/CG
 Sample : M3569-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Manual Integrations
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mohammad
 8/31/2021 11:30:37 AM

Quant Time: Aug 31 05:32:07 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	174790	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	685583	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	387209	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	643983	20.000	ng	0.00
76) Chrysene-d12	14.086	240	415164	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	308574	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	994577	86.126	ng	0.01
7) Phenol-d6	6.551	99	1277798	85.556	ng	0.01
23) Nitrobenzene-d5	7.481	82	844206	61.992	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	401419	103.855	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1545398	55.625	ng	0.00
79) Terphenyl-d14	13.027	244	1404464	53.893	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.463	178	109780	3.094	ng	99
75) Fluoranthene	12.657	202	204512	5.809	ng	98
78) Pyrene	12.886	202	191362	5.373	ng	97
81) Benzo(a)anthracene	14.074	228	100698	3.366	ng	93
83) Chrysene	14.110	228	99774m	3.373	ng	
88) Benzo(b)fluoranthene	15.145	252	124608m	5.527	ng	
90) Benzo(a)pyrene	15.521	252	73195	3.676	ng	# 83
92) Benzo(g,h,i)perylene	17.562	276	42677	2.303	ng	97

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

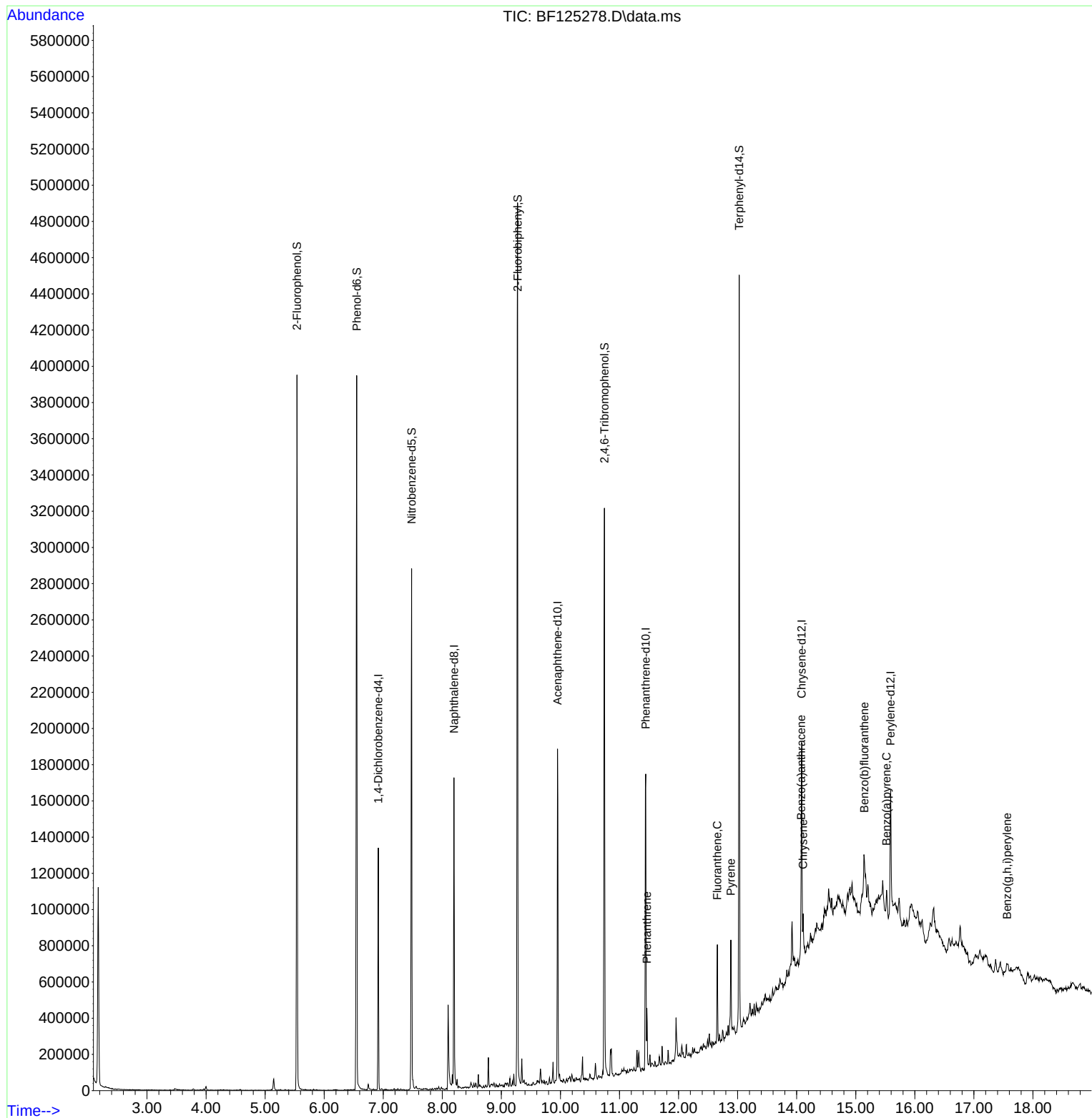
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Data File : BF125278.D
Acq On : 30 Aug 2021 23:42
Operator : JU/CG
Sample : M3569-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

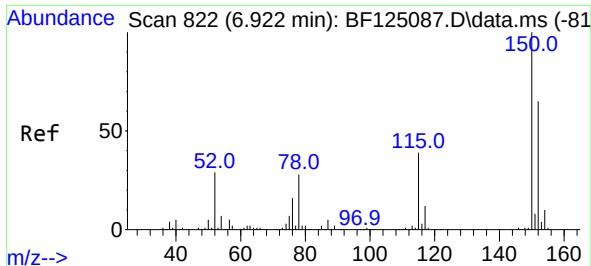
Instrument :
BNA_F
ClientSampleId :
S-1

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Quant Time: Aug 31 05:32:07 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





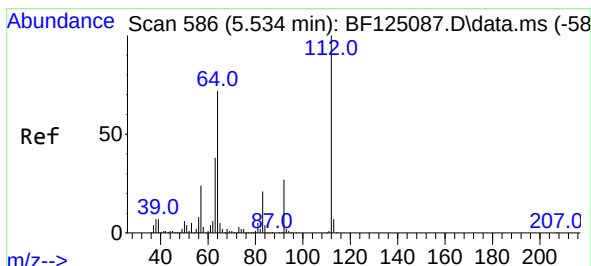
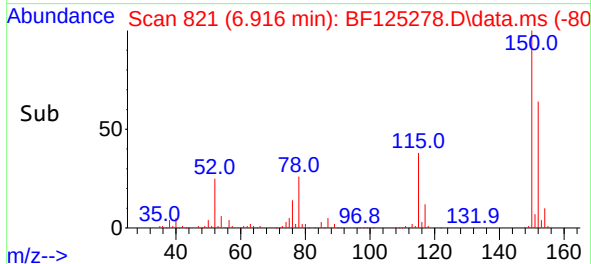
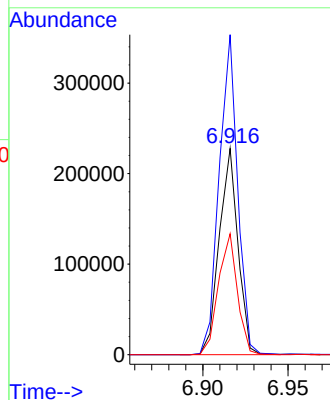
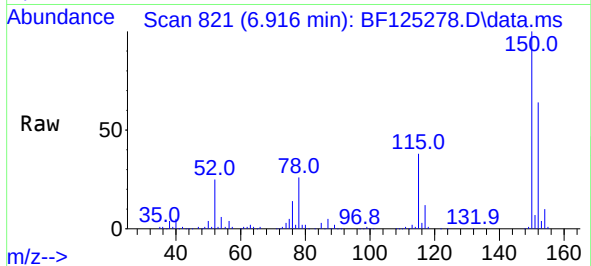
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion:152 Resp: 174790
Ion Ratio Lower Upper
152 100
150 155.1 117.6 176.4
115 58.6 47.1 70.7

Instrument :
BNA_F
ClientSampled :
S-1

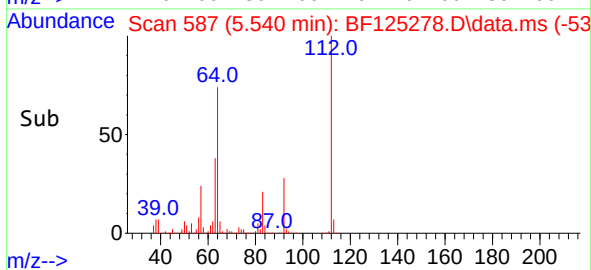
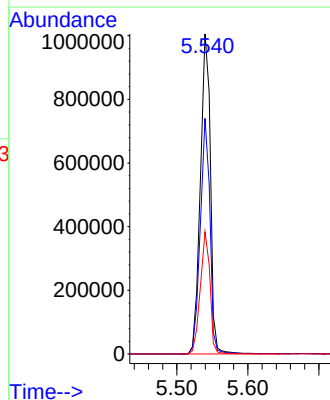
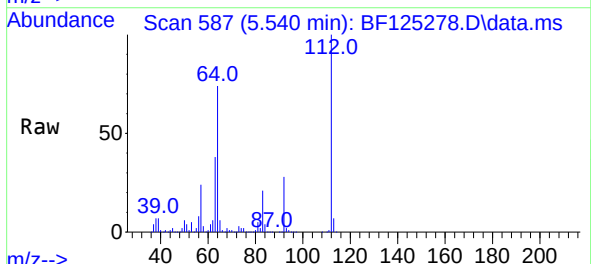
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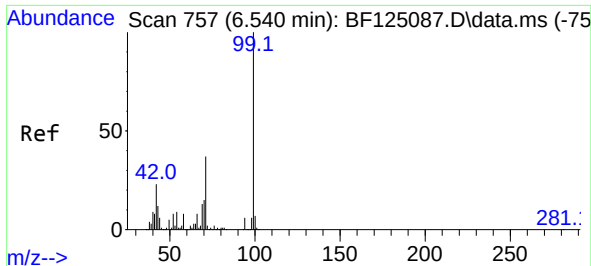
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#5
2-Fluorophenol
Concen: 86.126 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion:112 Resp: 994577
Ion Ratio Lower Upper
112 100
64 73.6 44.2 66.2#
63 38.2 26.2 39.2





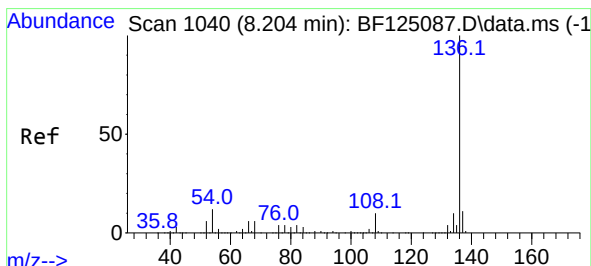
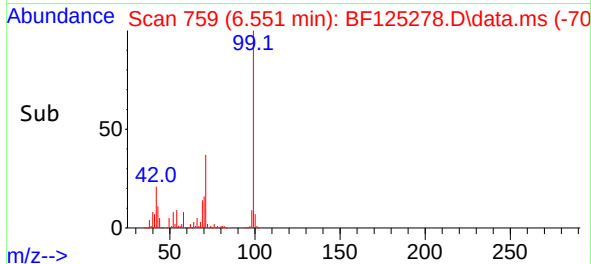
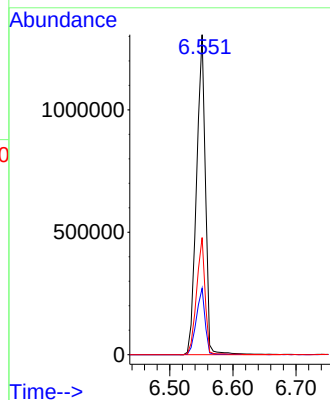
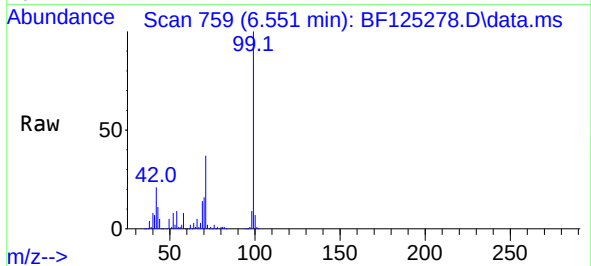
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Phenol-d6
Concen: 85.556 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.012 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion: 99 Resp: 1277798
Ion Ratio Lower Upper
99 100
42 20.7 23.5 35.3#
71 36.6 25.6 38.4

Instrument :
BNA_F
ClientSampled :
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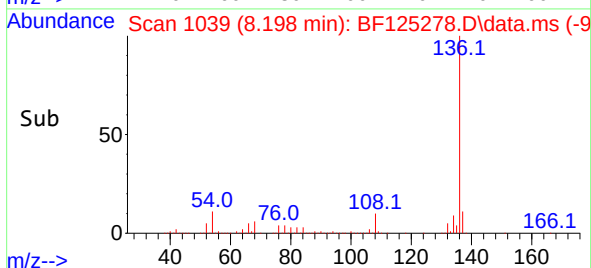
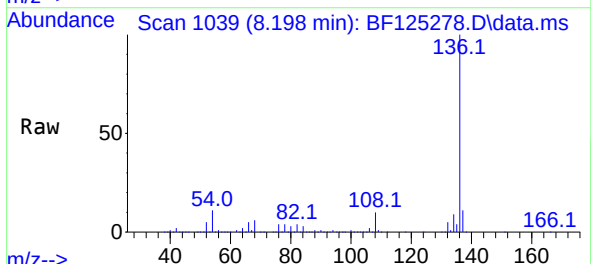
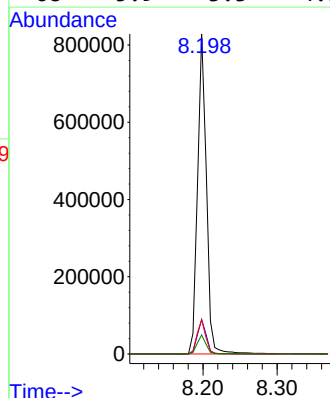
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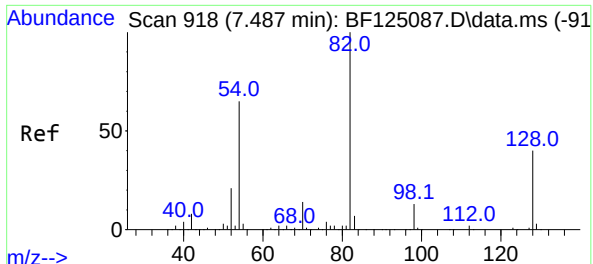
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

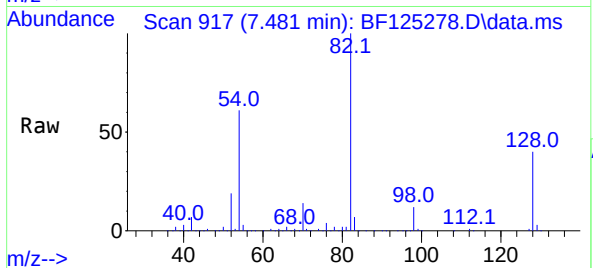
Tgt Ion: 136 Resp: 685583
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.7 6.4 9.6#
68 5.9 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 61.992 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

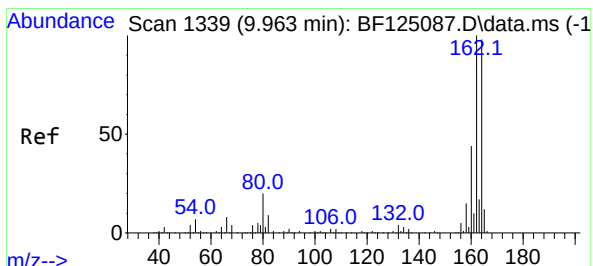
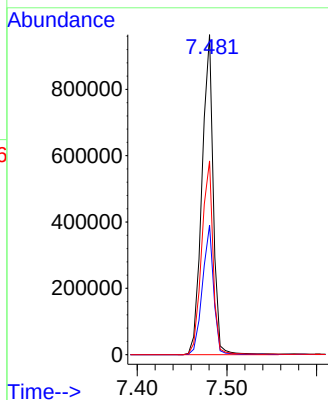
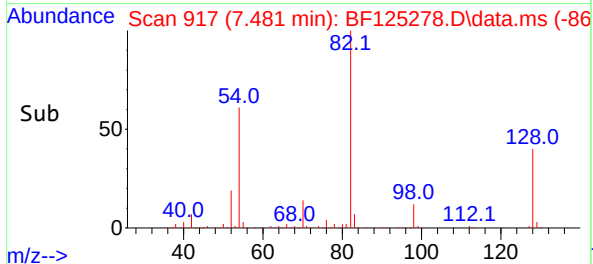
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BNA_F
ClientSampleId :
S-1



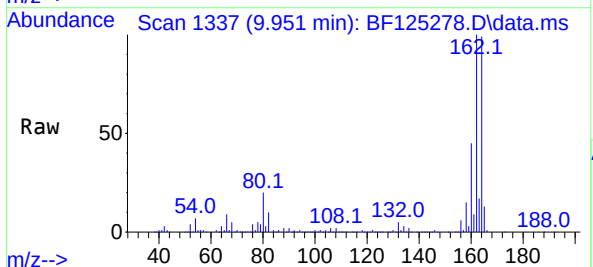
Tgt Ion: 82 Resp: 844206
Ion Ratio Lower Upper
82 100
128 40.5 40.6 60.8#
54 60.6 49.6 74.4

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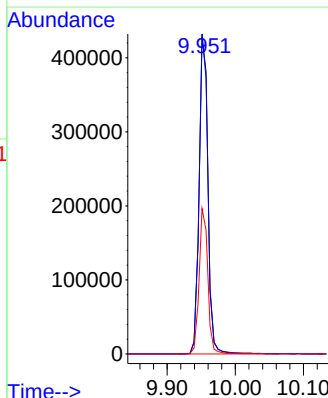
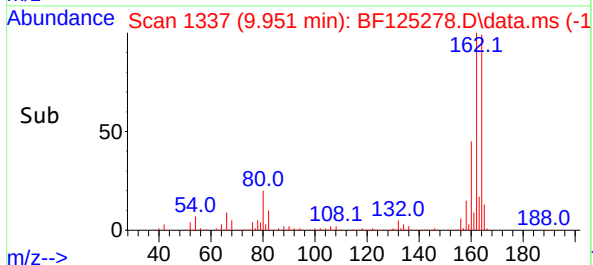
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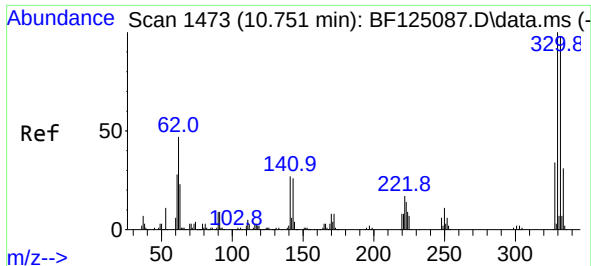


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42



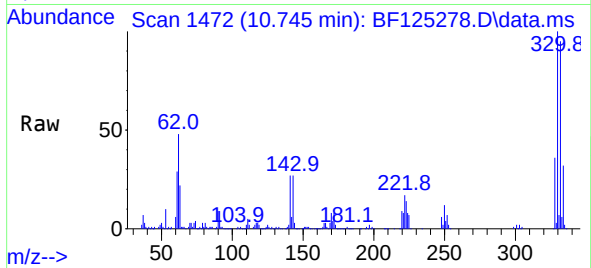
Tgt Ion: 164 Resp: 387209
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 45.9 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 103.855 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.006 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

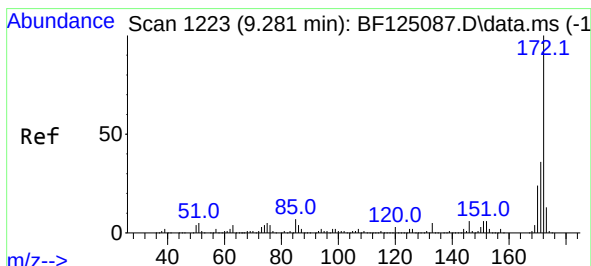
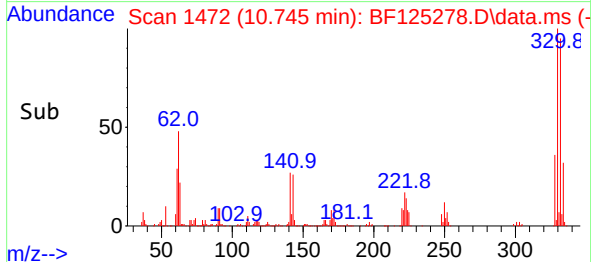
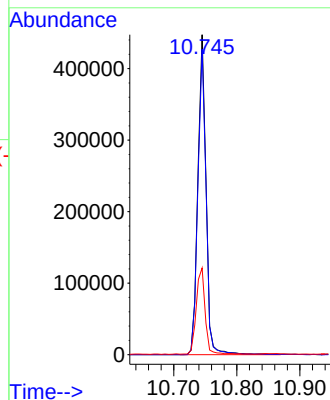
Instrument :
BNA_F
ClientSampled :
S-1



Tgt Ion:330 Resp: 401419
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 29.3 44.6 66.8#

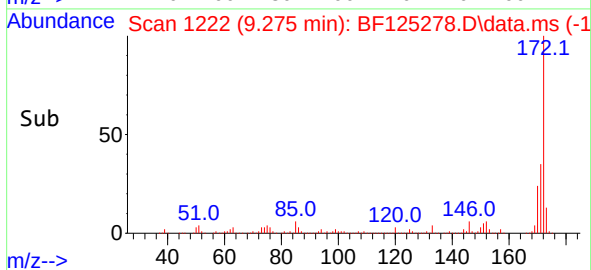
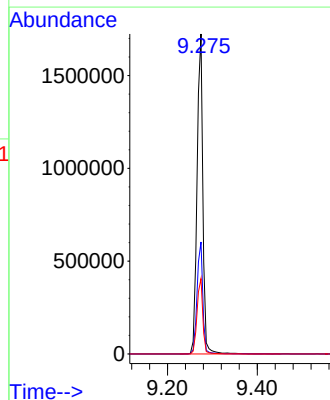
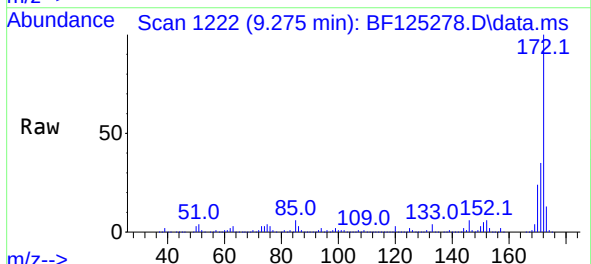
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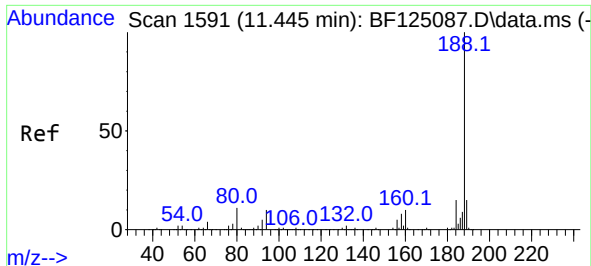
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#45
2-Fluorobiphenyl
Concen: 55.625 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

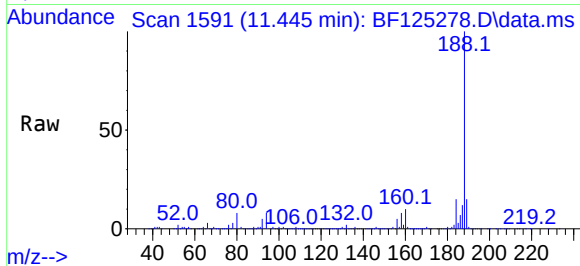
Tgt Ion:172 Resp: 1545398
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.5 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.006 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

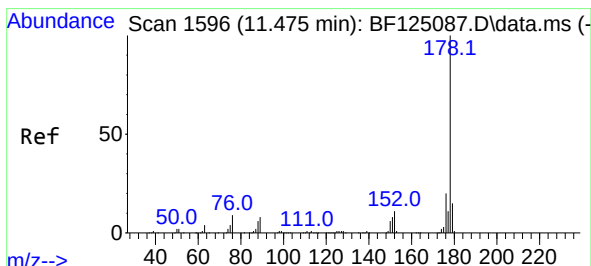
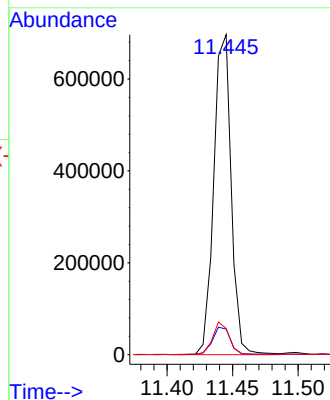
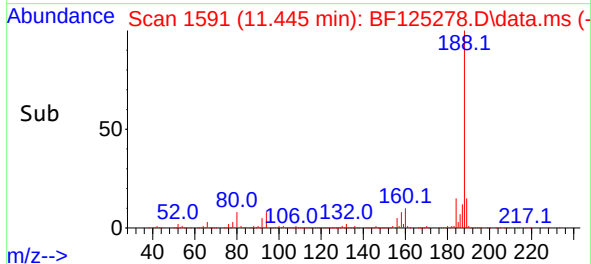
Instrument :
BNA_F
ClientSampled :
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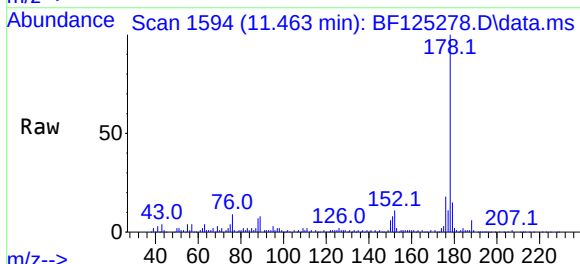
Tgt Ion:188 Resp: 643983
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.2 7.5 11.3

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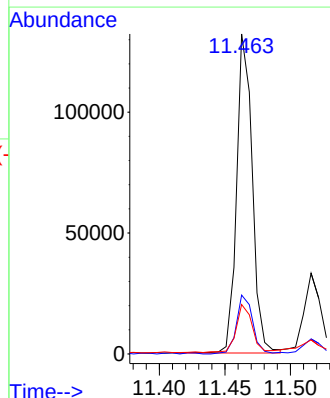
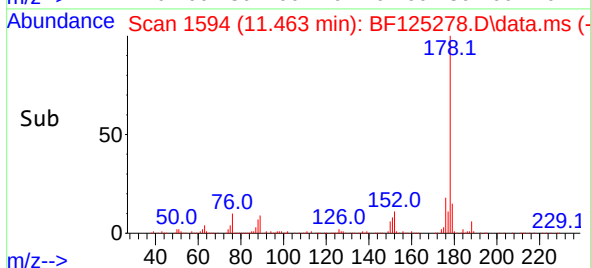
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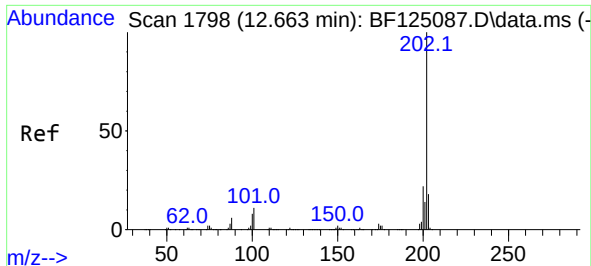


#71
Phenanthrene
Concen: 3.094 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42



Tgt Ion:178 Resp: 109780
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.5 11.5 17.3





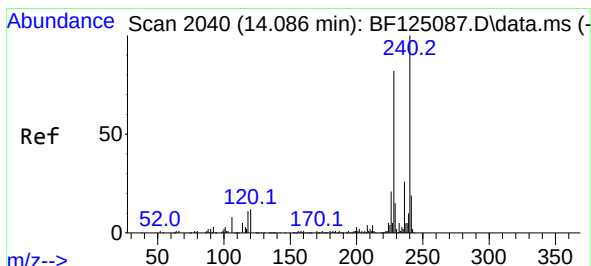
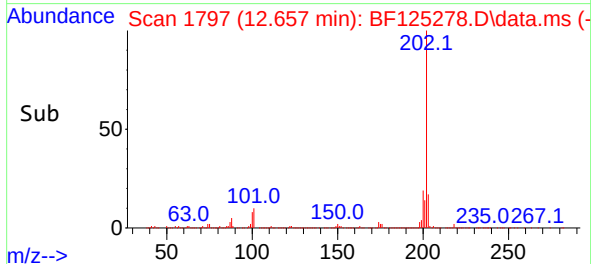
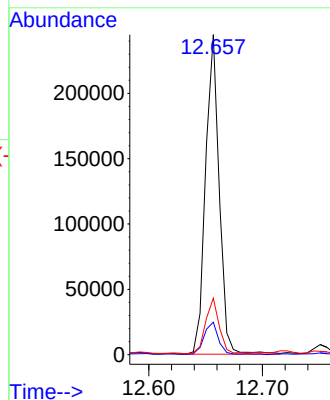
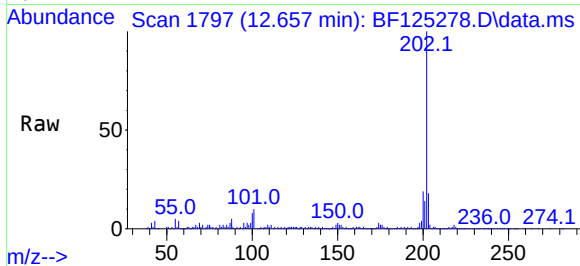
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Fluoranthene
Concen: 5.809 ng
RT: 12.657 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion:202 Resp: 204512
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.7
203 17.7 0.0 36.3

Instrument :
BNA_F
ClientSampled :
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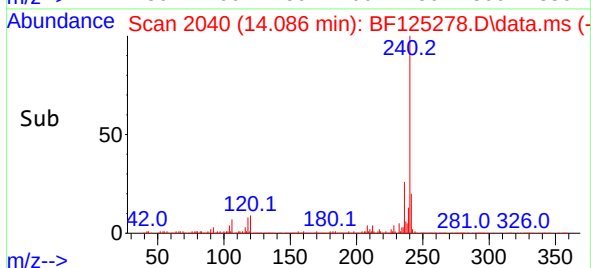
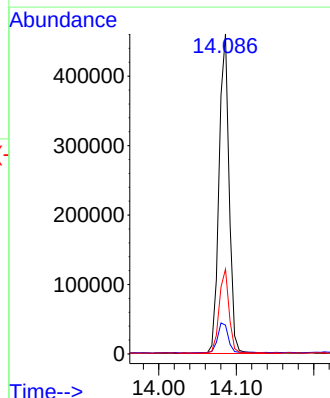
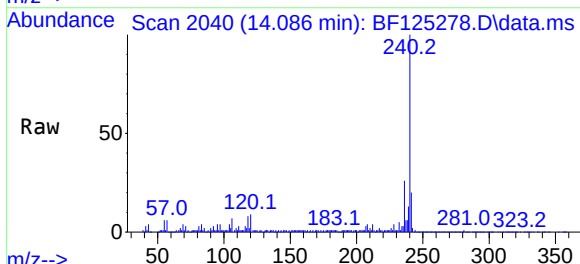
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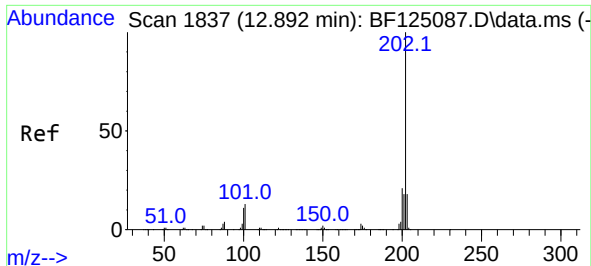
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.006 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion:240 Resp: 415164
Ion Ratio Lower Upper
240 100
120 9.0 10.8 16.2#
236 26.5 21.6 32.4





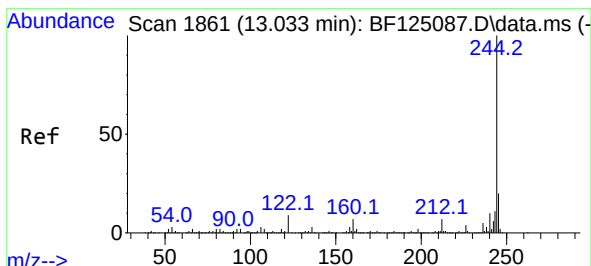
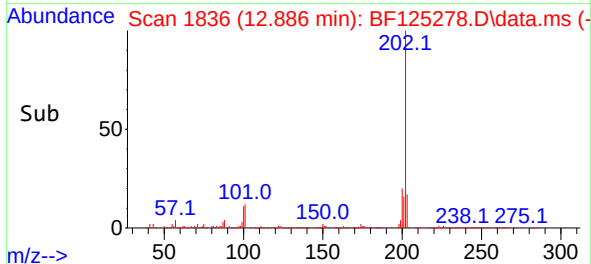
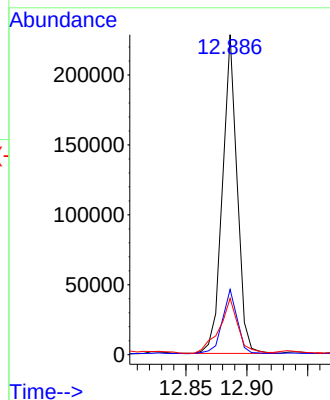
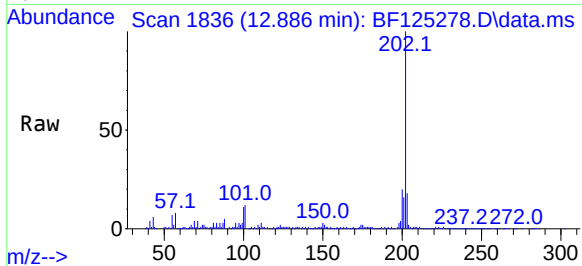
#78
Pyrene
Concen: 5.373 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion:	202	Resp:	191362
Ion Ratio	Lower	Upper	
202	100		
200	20.4	15.3	22.9
203	17.6	13.4	20.0

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ClientSampled :
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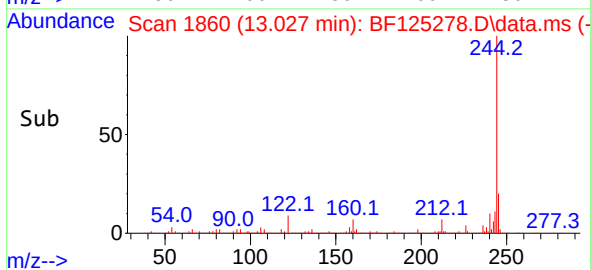
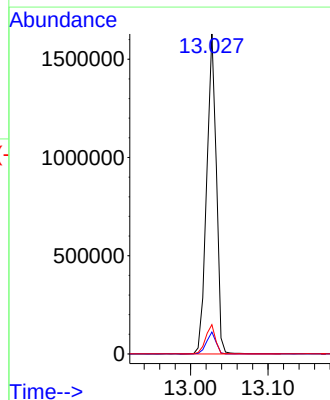
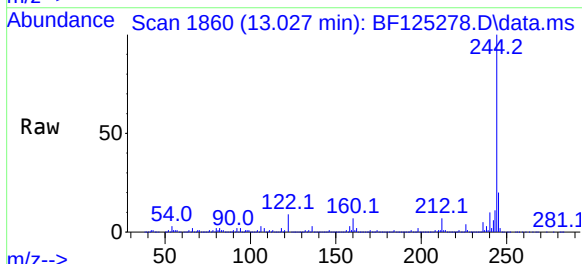
Manual Integrations
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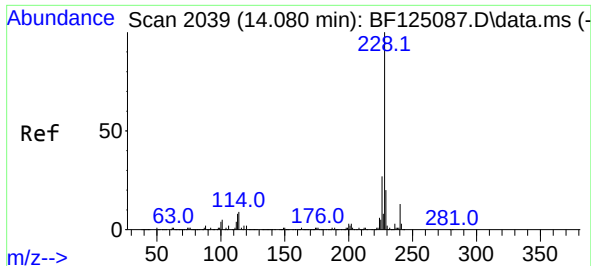
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#79
Terphenyl-d14
Concen: 53.893 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion:	244	Resp:	1404464
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.9	8.9
122	9.1	9.0	13.4





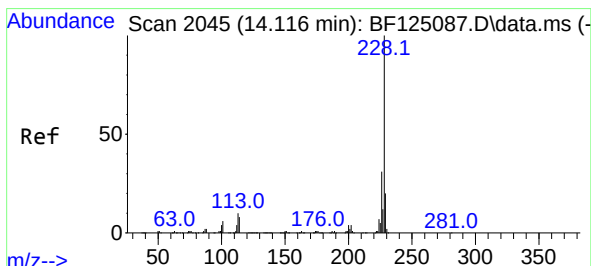
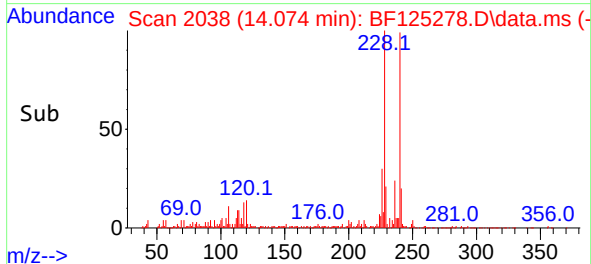
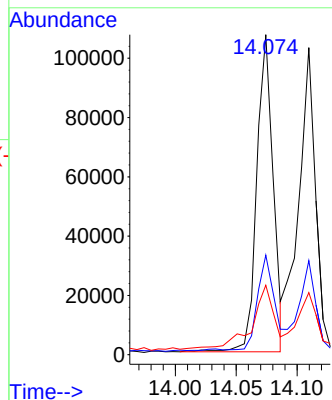
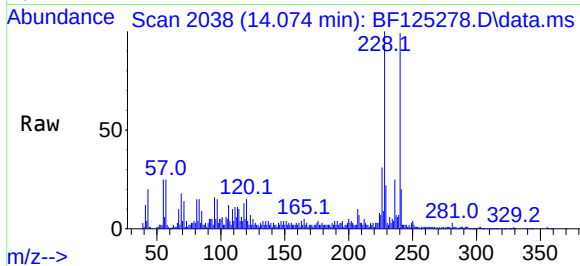
#81
Benzo(a)anthracene
Concen: 3.366 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

Tgt Ion:228 Resp: 100698
Ion Ratio Lower Upper
228 100
226 31.1 21.6 32.4
229 21.7 15.6 23.4

Instrument :
BNA_F
ClientSampled :
S-1

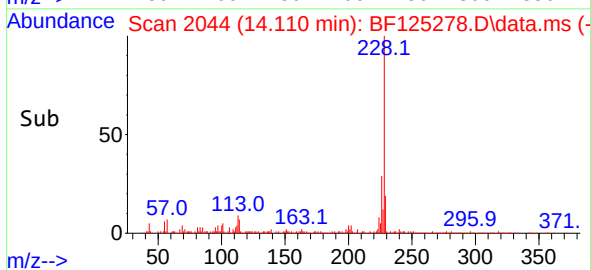
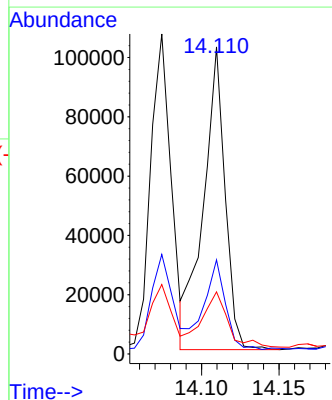
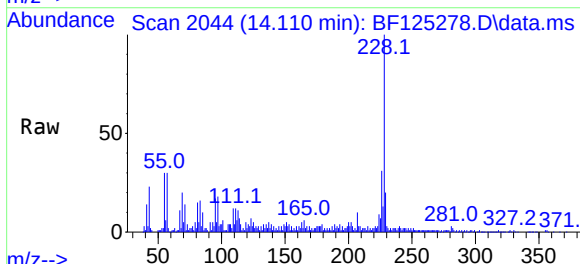
Manual Integrations
APPROVED

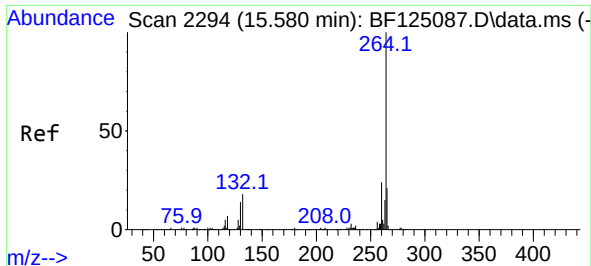
mohammad
8/31/2021 11:30:37 AM



#83
Chrysene
Concen: 3.373 ng m
RT: 14.110 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

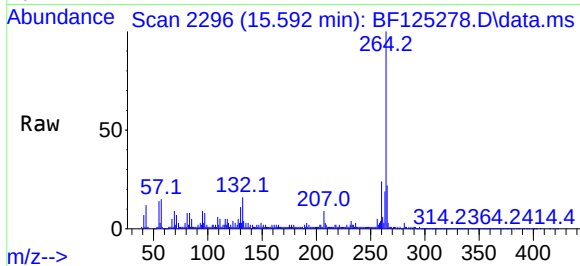
Tgt Ion:228 Resp: 99774
Ion Ratio Lower Upper
228 100
226 30.7 22.6 34.0
229 20.2 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.018 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

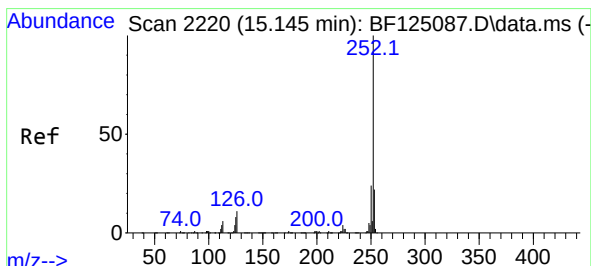
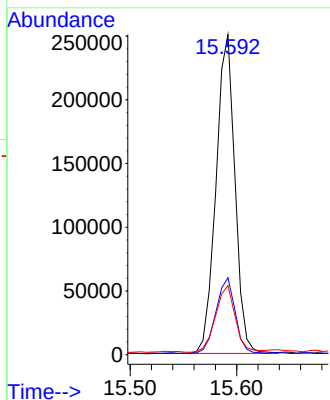
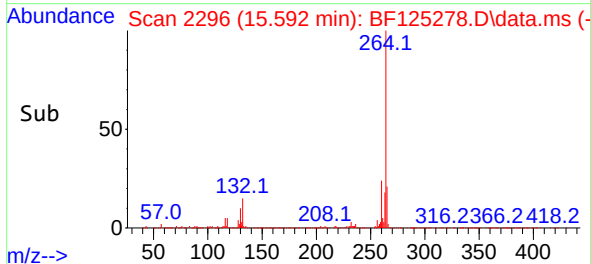
Instrument :
BNA_F
ClientSampled :
S-1



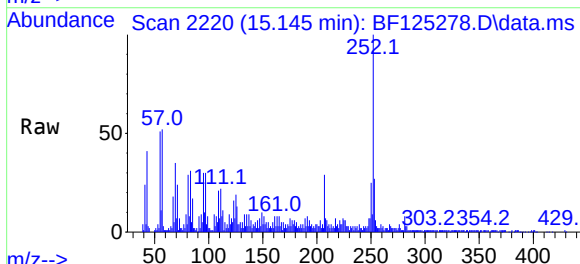
Tgt Ion:264 Resp: 308574
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 21.6 17.2 25.8

Manual Integrations
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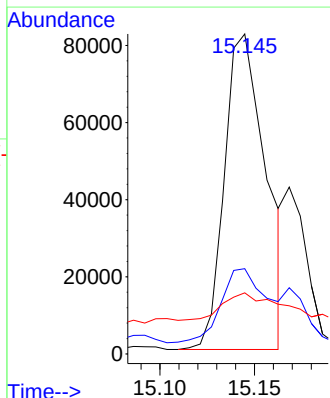
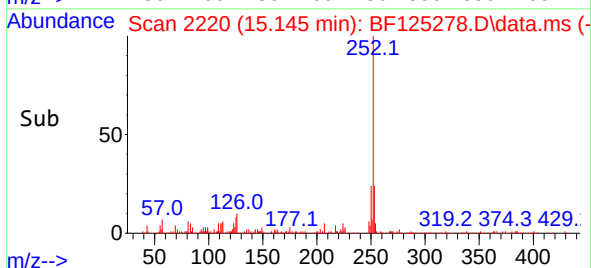
mohammad
8/31/2021 11:30:37 AM

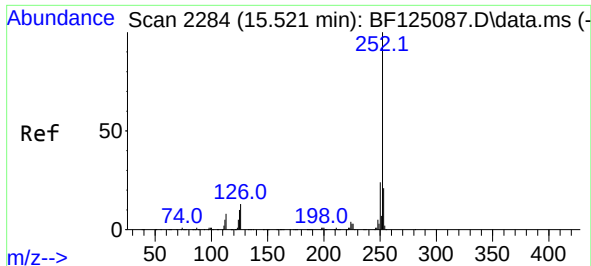


#88
Benzo(b)fluoranthene
Concen: 5.527 ng m
RT: 15.145 min Scan# 2220
Delta R.T. 0.012 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42



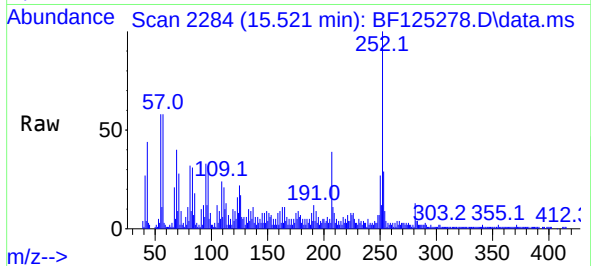
Tgt Ion:252 Resp: 124608
Ion Ratio Lower Upper
252 100
253 26.6 16.8 25.2#
125 19.1 9.8 14.8#





#90
Benzo(a)pyrene
Concen: 3.676 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42

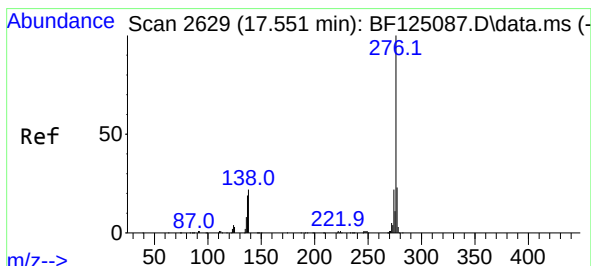
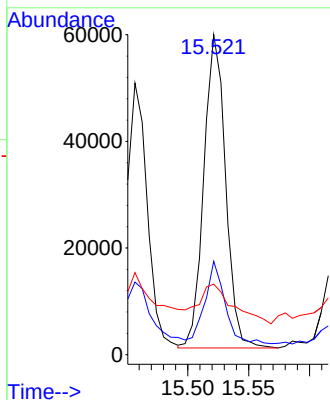
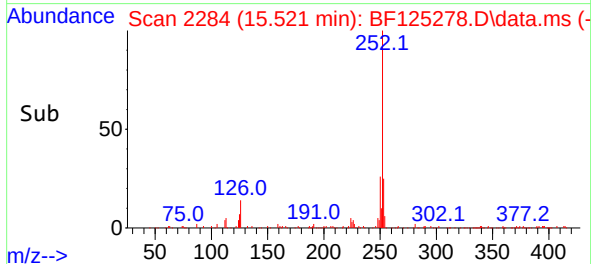
Instrument :
BNA_F
ClientSampled :
S-1



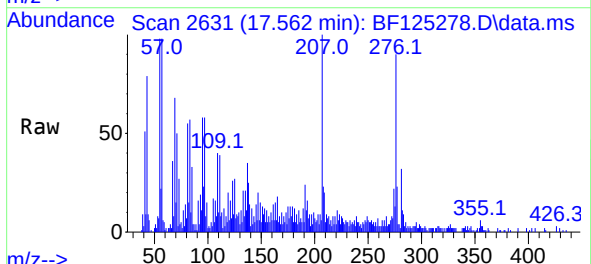
Tgt Ion: 252 Resp: 73195
Ion Ratio Lower Upper
252 100
253 29.2 18.4 27.6#
125 22.0 9.9 14.9#

Manual Integrations
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mohammad
8/31/2021 11:30:37 AM



#92
Benzo(g,h,i)perylene
Concen: 2.303 ng
RT: 17.562 min Scan# 2631
Delta R.T. 0.012 min
Lab File: BF125278.D
Acq: 30 Aug 2021 23:42



Tgt Ion: 276 Resp: 42677
Ion Ratio Lower Upper
276 100
277 25.4 22.0 33.0
138 27.2 22.2 33.4

