

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090721\
 Data File : BF125392.D
 Acq On : 7 Sep 2021 17:32
 Operator : JU/CG
 Sample : M3658-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-400027

Manual Integrations
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mohammad
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Quant Time: Sep 08 12:07:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 11:56:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	119660	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	399050	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	158802	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	220729	20.000	ng	# 0.02
76) Chrysene-d12	14.080	240	286025	20.000	ng	# 0.01
86) Perylene-d12	15.562	264	336157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	613610	77.617	ng	0.00
7) Phenol-d6	6.528	99	735557	71.940	ng	0.00
23) Nitrobenzene-d5	7.457	82	443400	55.939	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	147384	92.975	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	712921	62.570	ng	0.00
79) Terphenyl-d14	13.033	244	723095	40.275	ng	0.02
Target Compounds						Qvalue
71) Phenanthrene	11.469	178	72303	5.945	ng	# 49
75) Fluoranthene	12.669	202	119705	9.919	ng	80
78) Pyrene	12.898	202	112813	4.598	ng	# 84
80) Butylbenzylphthalate	13.498	149	33832	3.509	ng	# 59
81) Benzo(a)anthracene	14.068	228	86989	4.221	ng	# 90
83) Chrysene	14.104	228	92849	4.556	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.062	276	52215	2.156	ng	# 85
88) Benzo(b)fluoranthene	15.127	252	134982m	5.496	ng	
89) Benzo(k)fluoranthene	15.151	252	53138m	2.319	ng	
90) Benzo(a)pyrene	15.498	252	76317	3.518	ng	99
92) Benzo(g,h,i)perylene	17.515	276	45590	2.259	ng	94

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

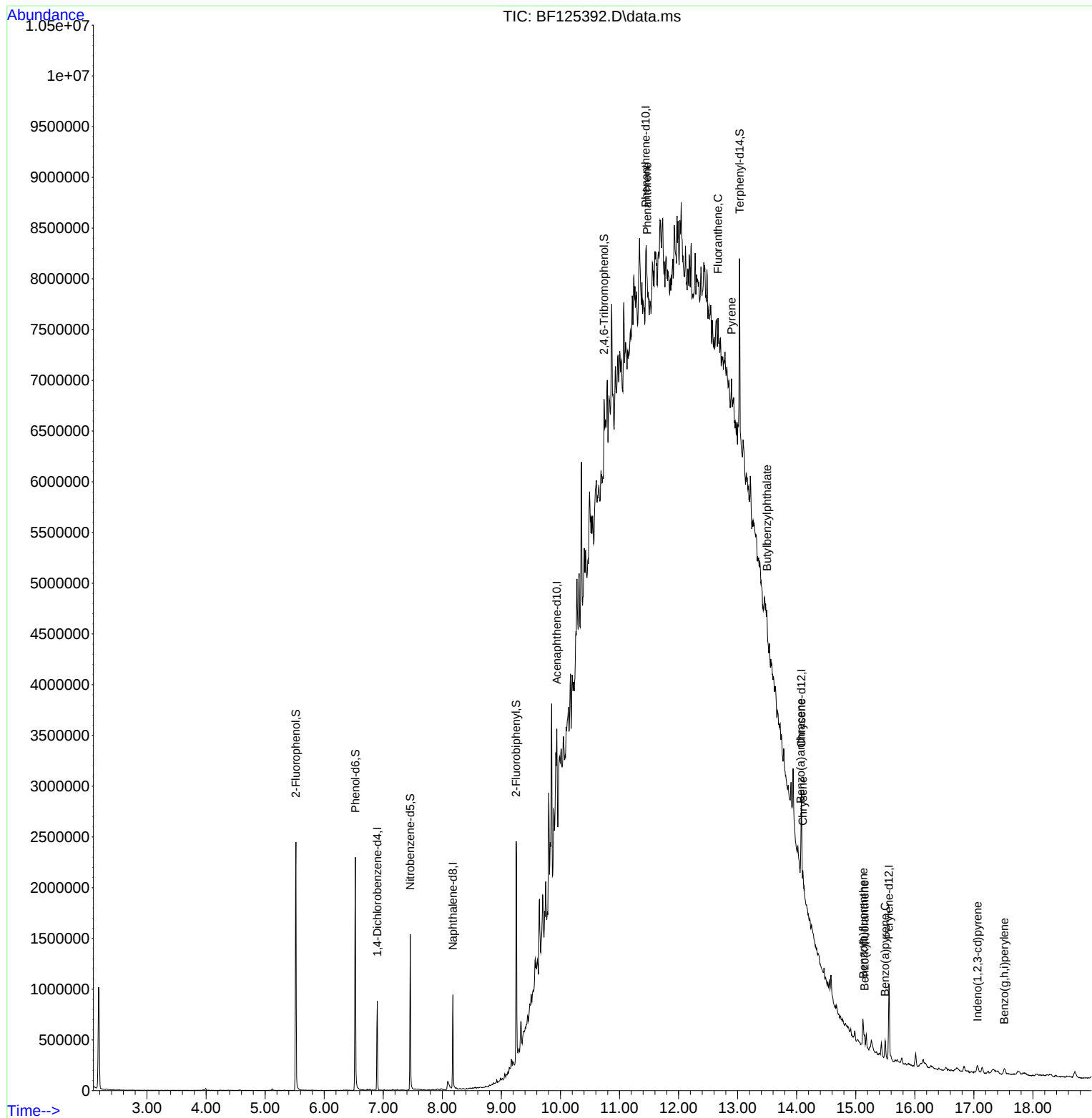
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Data File : BF125392.D
Acq On : 7 Sep 2021 17:32
Operator : JU/CG
Sample : M3658-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

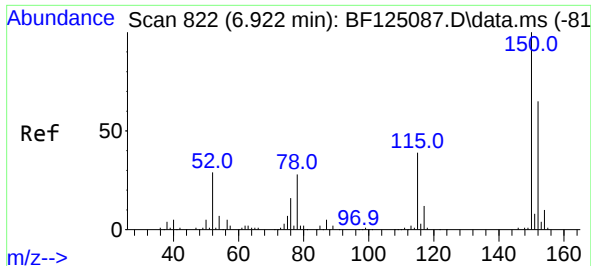
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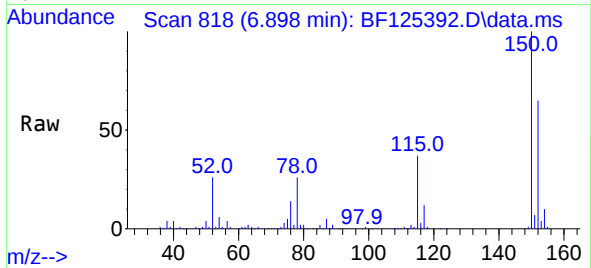
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Quant Time: Sep 08 12:07:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 11:56:34 2021
Response via : Initial Calibration

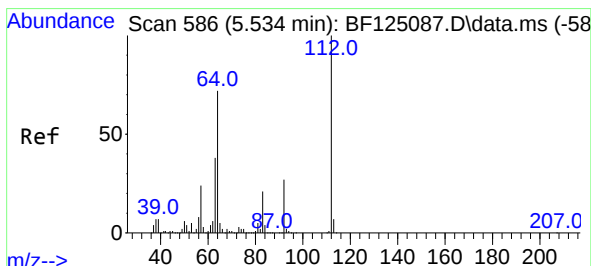
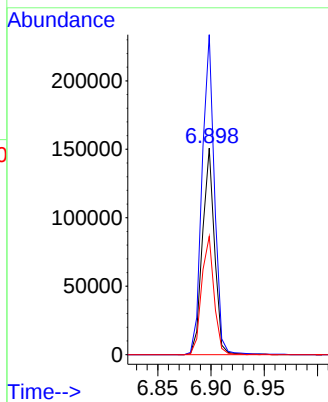
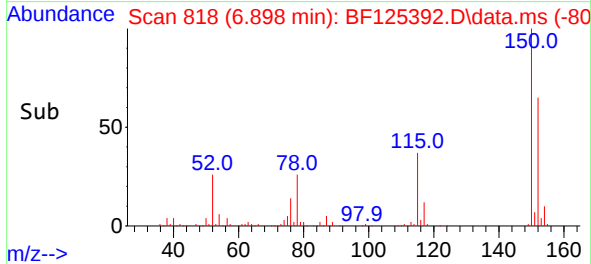




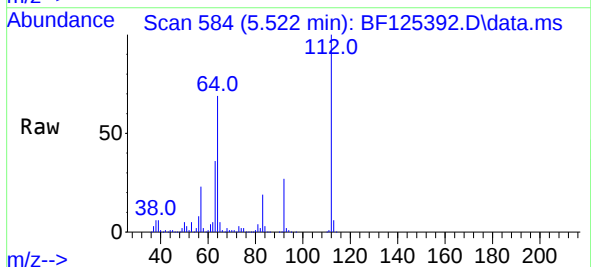
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32



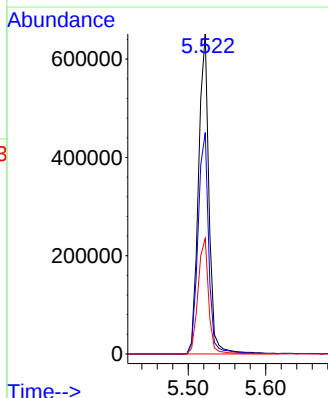
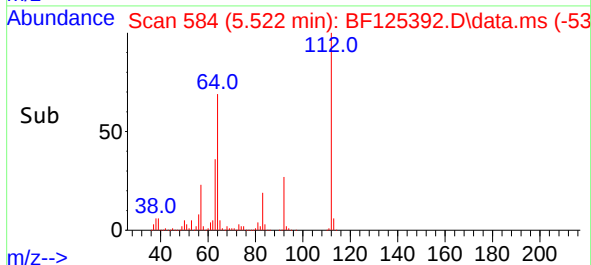
Tgt Ion:152 Resp: 119660
Ion Ratio Lower Upper
152 100
150 154.9 117.6 176.4
115 57.2 47.1 70.7



#5
2-Fluorophenol
Concen: 77.617 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.000 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32



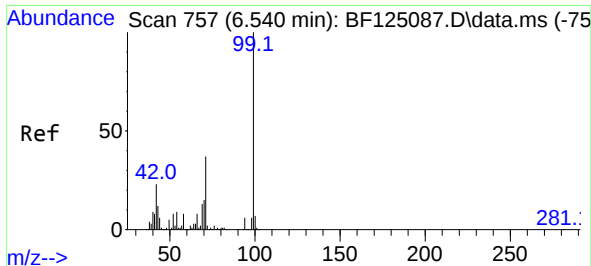
Tgt Ion:112 Resp: 613610
Ion Ratio Lower Upper
112 100
64 69.2 44.2 66.2#
63 36.1 26.2 39.2



Instrument :
BNA_F
ClientSampleId :
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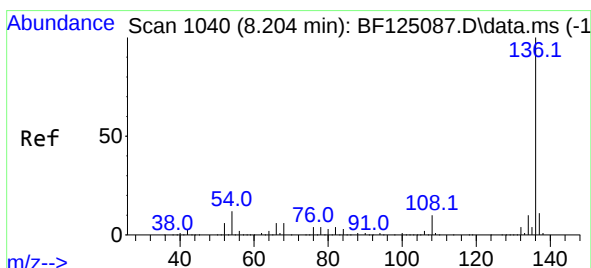
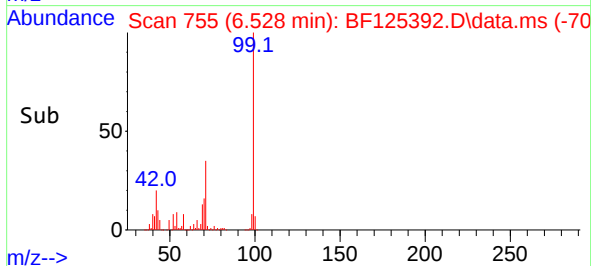
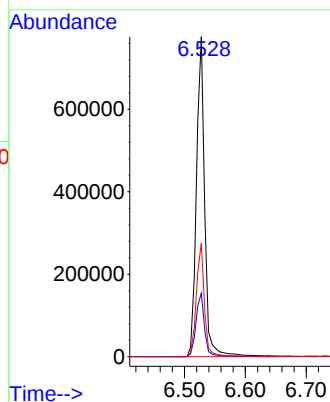
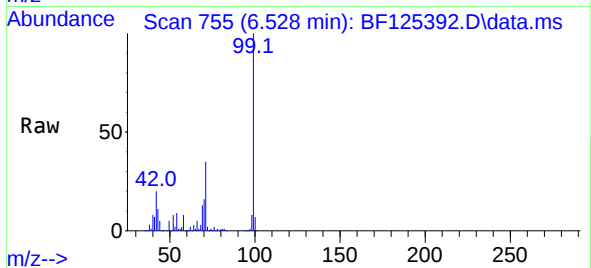
#7
Phenol-d6
Concen: 71.940 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32

Tgt Ion: 99 Resp: 735557
Ion Ratio Lower Upper
99 100
42 19.8 23.5 35.3#
71 35.4 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
RBR-400027

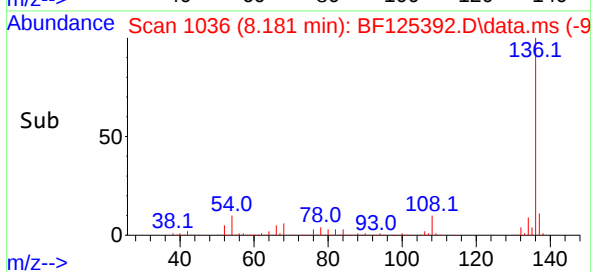
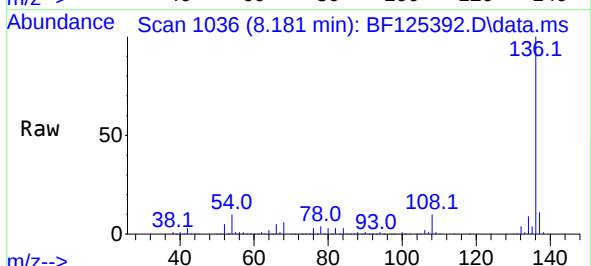
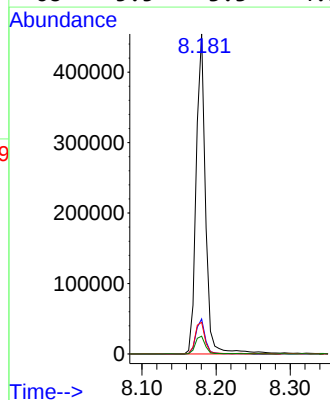
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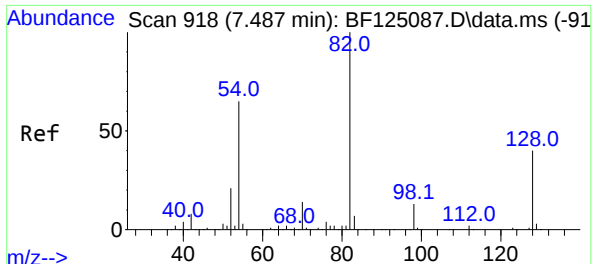
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32

Tgt Ion: 136 Resp: 399050
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.9 6.4 9.6#
68 5.5 3.3 4.9#





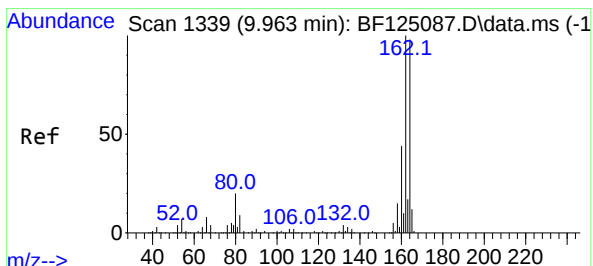
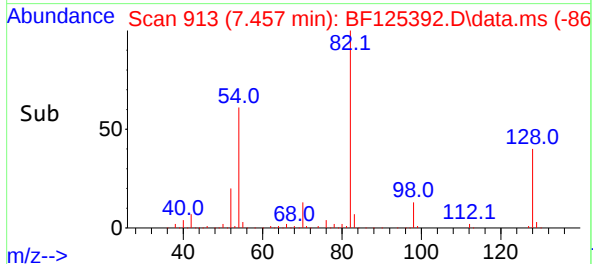
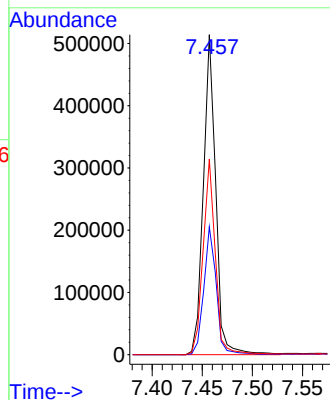
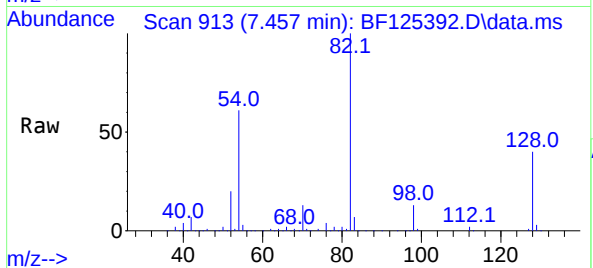
#23
Nitrobenzene-d5
Concen: 55.939 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.012 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32

Tgt Ion: 82 Resp: 443400
Ion Ratio Lower Upper
82 100
128 40.0 40.6 60.8#
54 61.2 49.6 74.4

Instrument :
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ClientSampleId :
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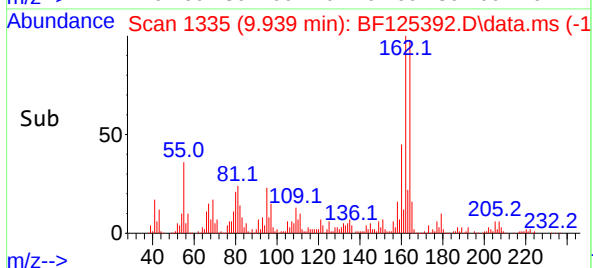
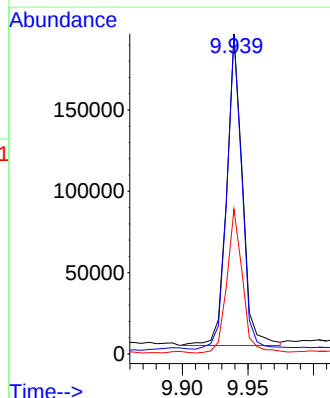
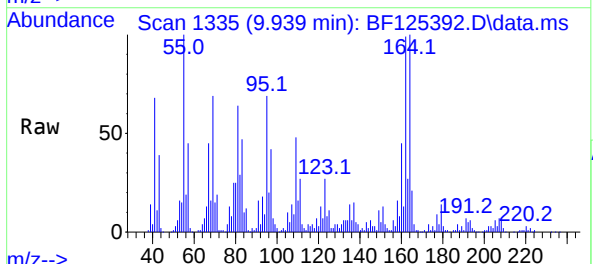
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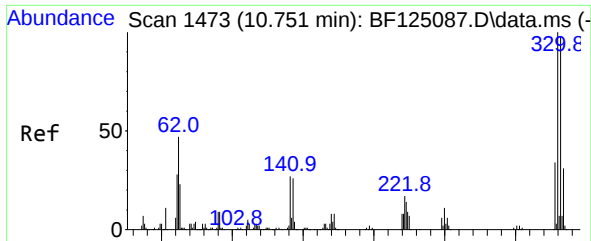
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32

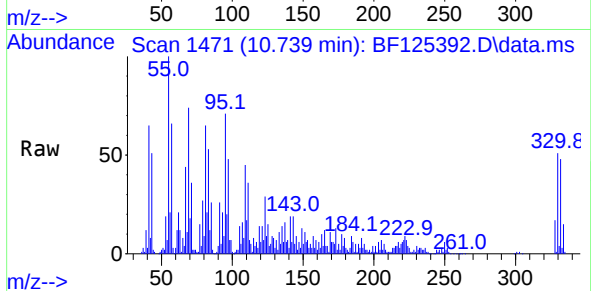
Tgt Ion:164 Resp: 158802
Ion Ratio Lower Upper
164 100
162 99.6 81.3 121.9
160 45.2 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 92.975 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32

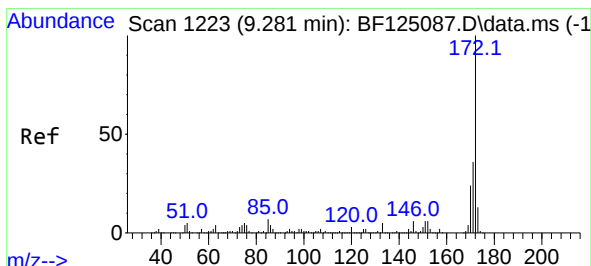
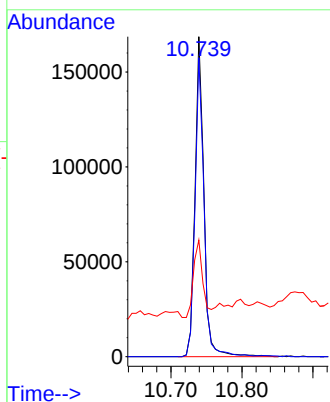
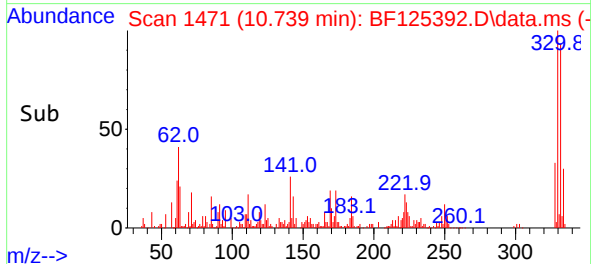
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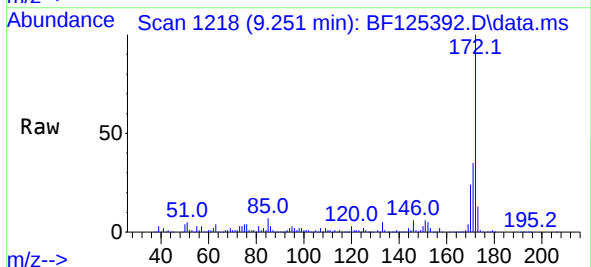
Tgt Ion:330 Resp: 147384
Ion Ratio Lower Upper
330 100
332 94.3 76.2 114.4
141 25.1 44.6 66.8#

Manual Integrations
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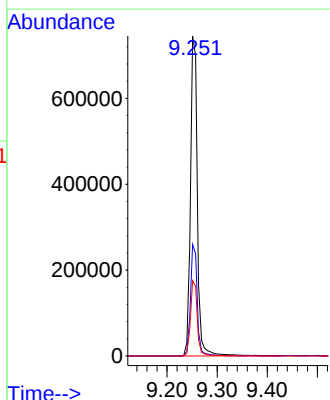
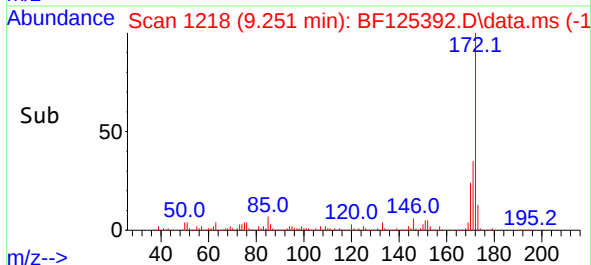
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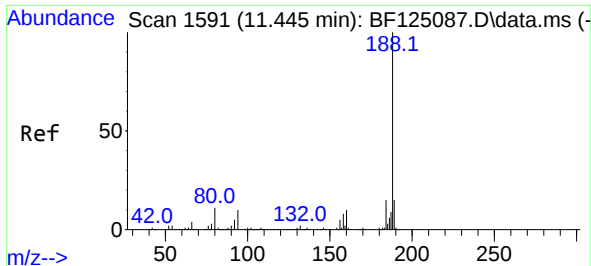


#45
2-Fluorobiphenyl
Concen: 62.570 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32



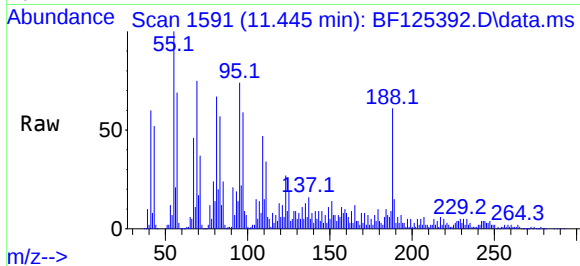
Tgt Ion:172 Resp: 712921
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 23.5 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.018 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32

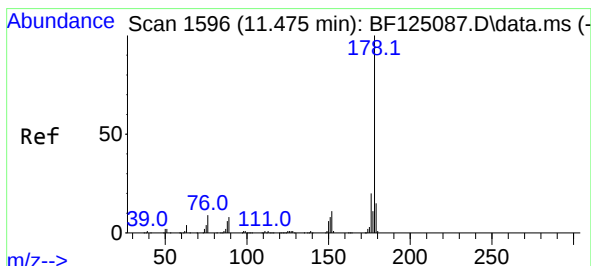
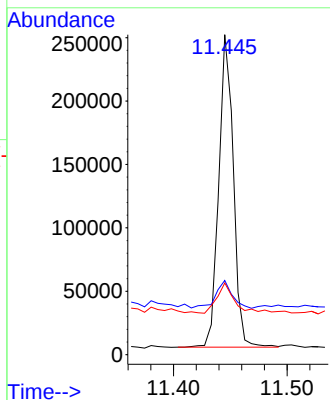
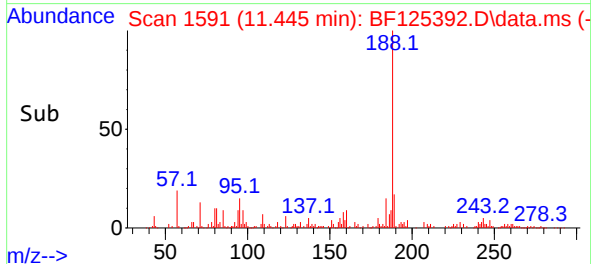
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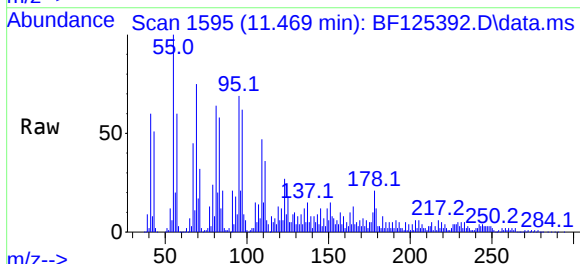
Tgt Ion:188 Resp: 220729
Ion Ratio Lower Upper
188 100
94 23.2 6.7 10.1#
80 22.4 7.5 11.3#

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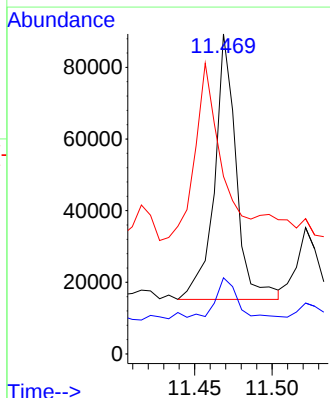
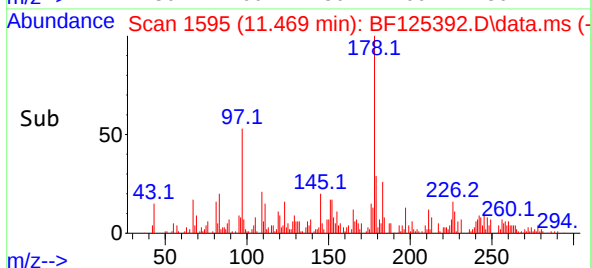
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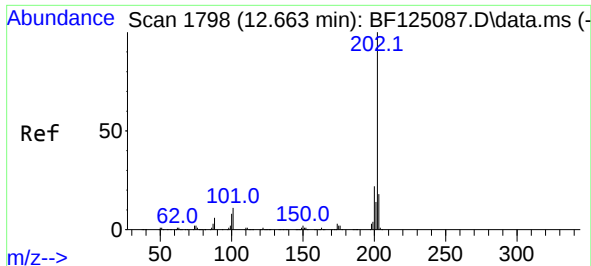


#71
Phenanthrene
Concen: 5.945 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.018 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32



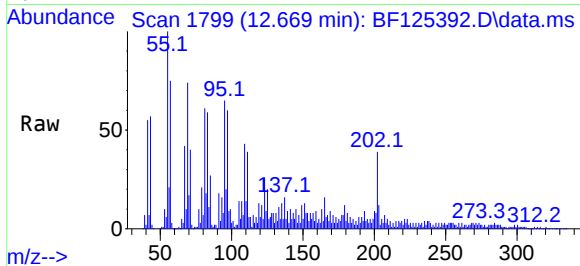
Tgt Ion:178 Resp: 72303
Ion Ratio Lower Upper
178 100
176 23.8 14.7 22.1#
179 55.5 11.5 17.3#





#75
Fluoranthene
Concen: 9.919 ng
RT: 12.669 min Scan# 1799
Delta R.T. 0.029 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32

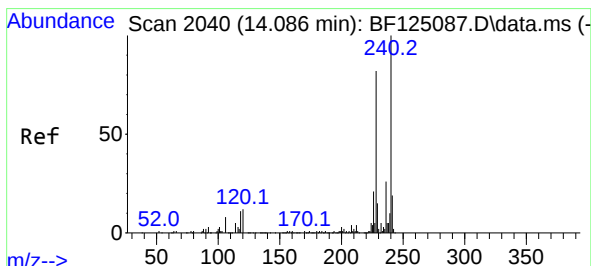
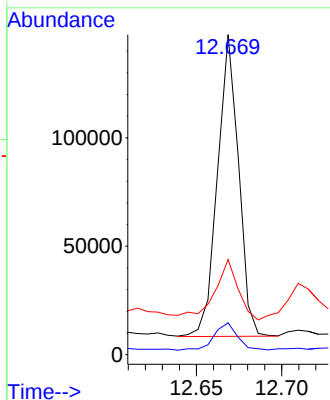
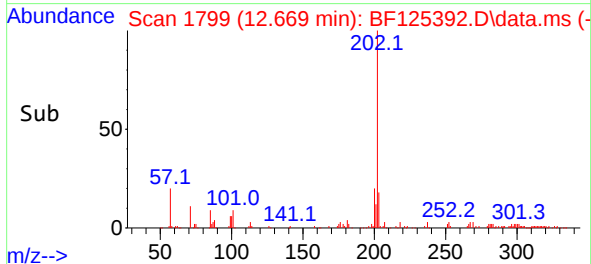
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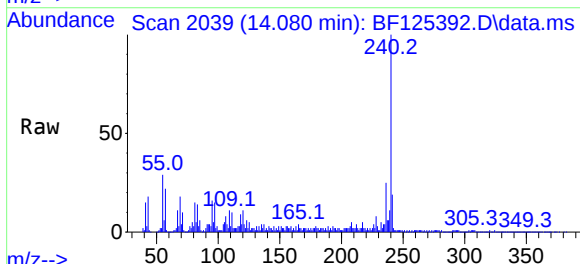
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Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.7
203 29.7 0.0 36.3

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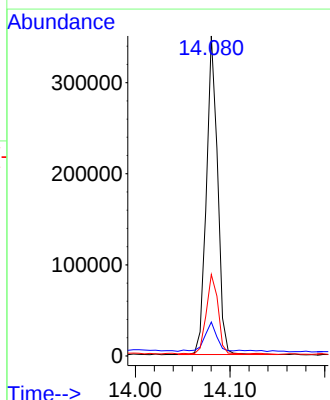
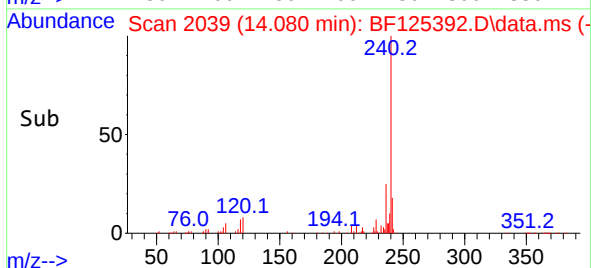
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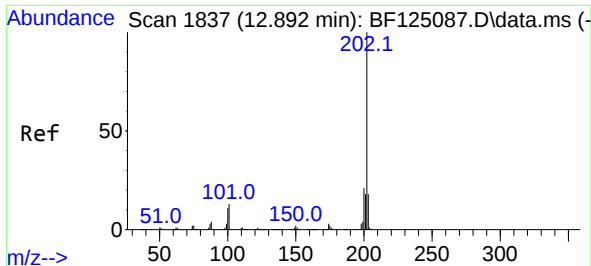


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.012 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32



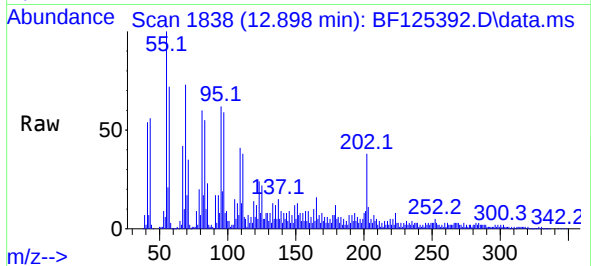
Tgt Ion:240 Resp: 286025
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 25.5 21.6 32.4





#78
Pyrene
Concen: 4.598 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.024 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32

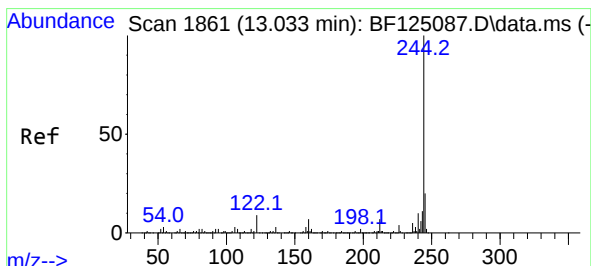
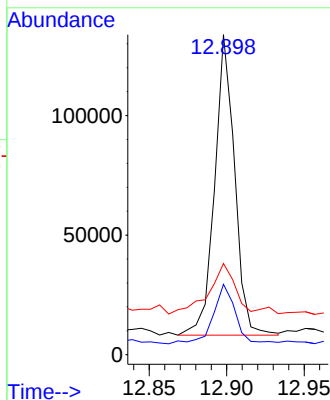
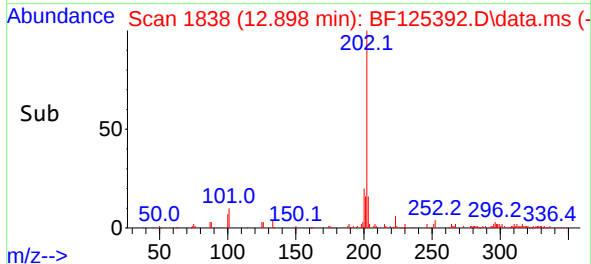
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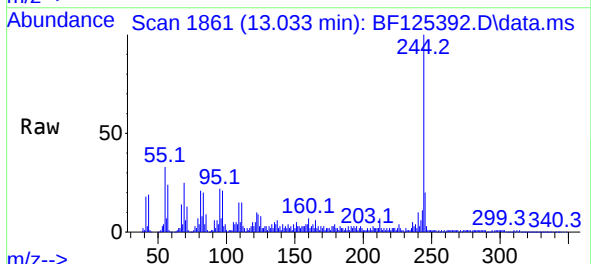
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Ion Ratio Lower Upper
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203 28.5 13.4 20.0#

Manual Integrations
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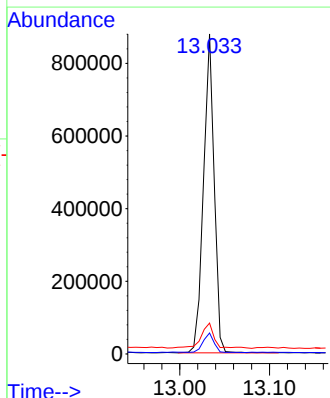
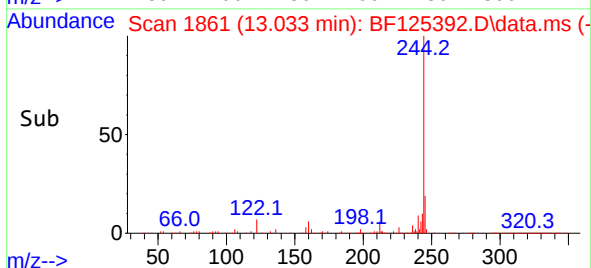
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9/9/2021 11:50:50 AM

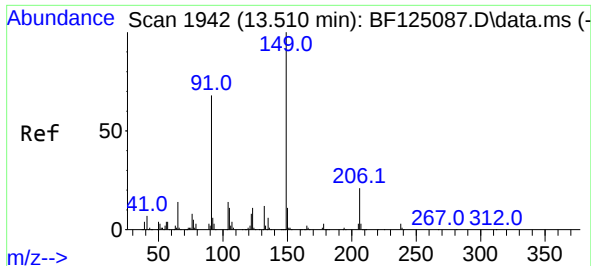


#79
Terphenyl-d14
Concen: 40.275 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.024 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32



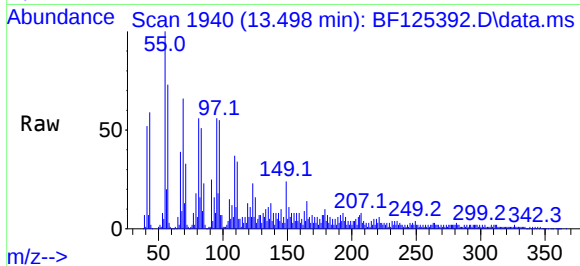
Tgt Ion:244 Resp: 723095
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 9.6 9.0 13.4





#80
Butylbenzylphthalate
Concen: 3.509 ng
RT: 13.498 min Scan# 1940
Delta R.T. 0.018 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32

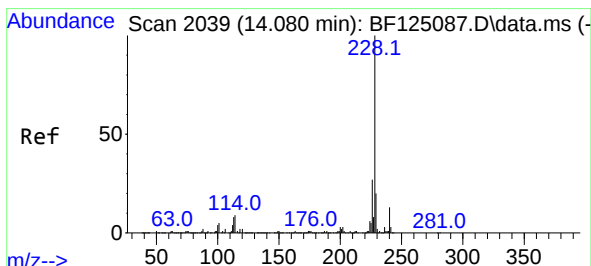
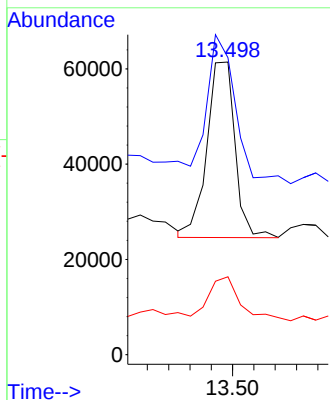
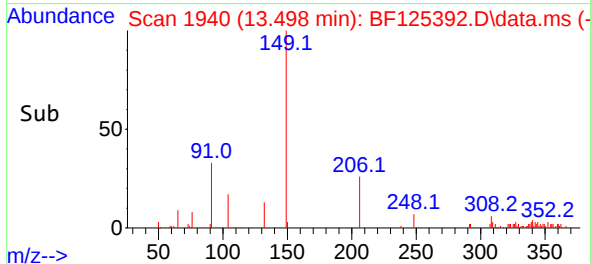
Instrument :
BNA_F
ClientSampleId :
RBR-400027



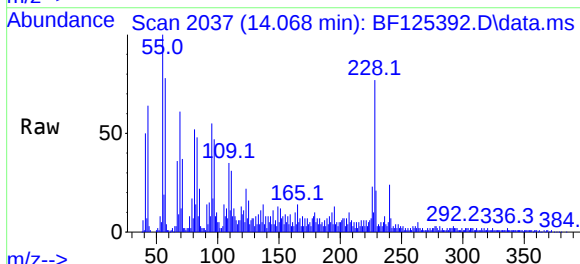
Tgt Ion:149 Resp: 33832
Ion Ratio Lower Upper
149 100
91 101.5 51.8 77.8#
206 26.6 14.5 21.7#

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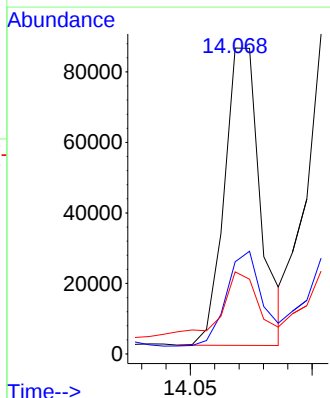
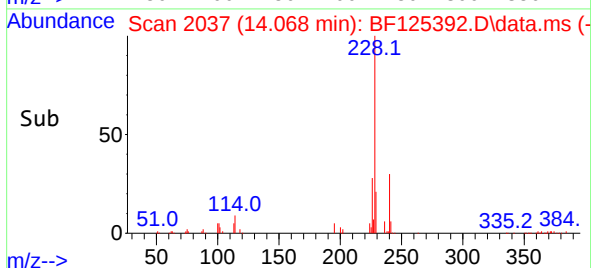
mohammad
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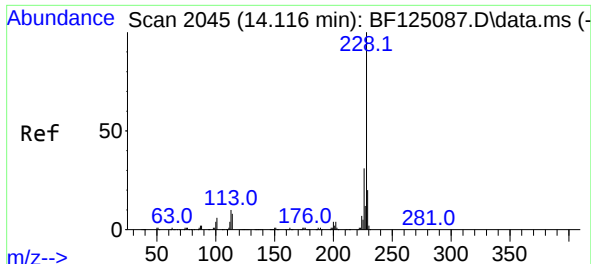


#81
Benzo(a)anthracene
Concen: 4.221 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.012 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32



Tgt Ion:228 Resp: 86989
Ion Ratio Lower Upper
228 100
226 30.1 21.6 32.4
229 26.9 15.6 23.4#





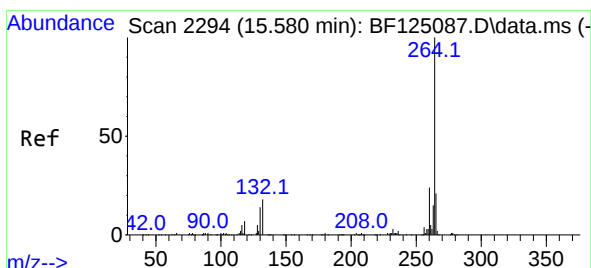
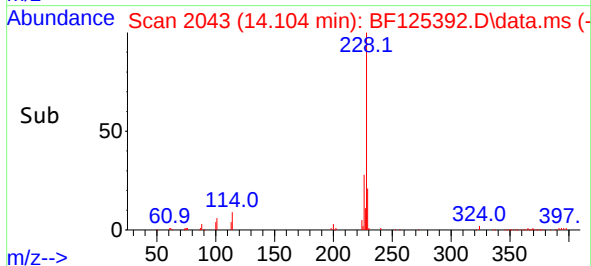
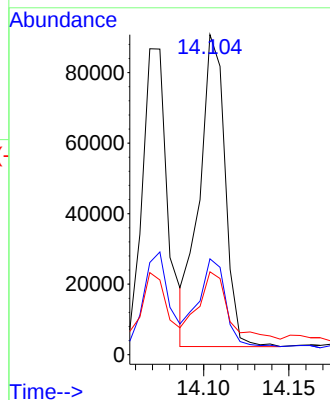
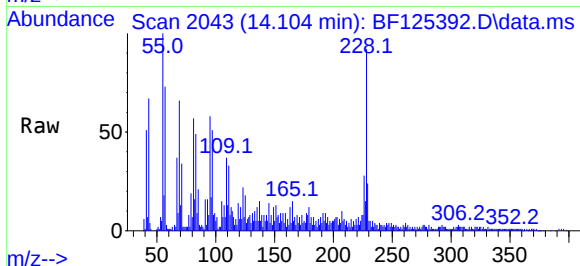
#83
Chrysene
Concen: 4.556 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.006 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32

Tgt Ion: 228 Resp: 92849
Ion Ratio Lower Upper
228 100
226 30.0 22.6 34.0
229 25.9 15.9 23.9#

Instrument :
BNA_F
ClientSampled :
RBR-400027

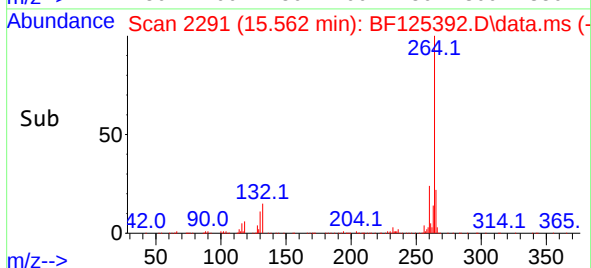
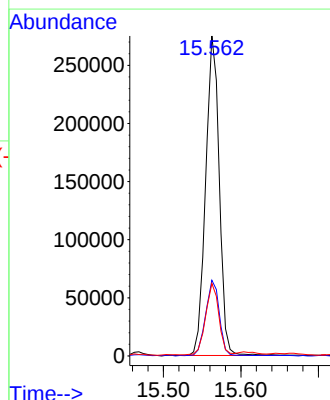
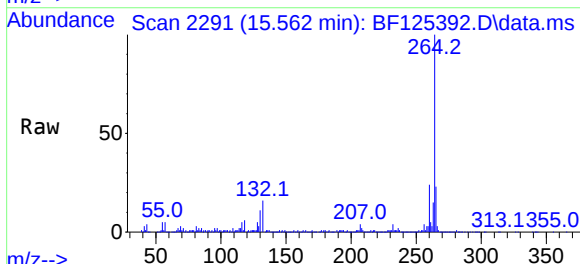
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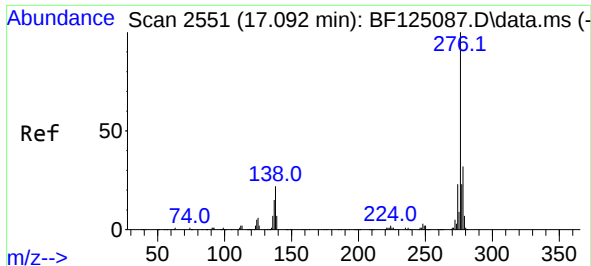
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.006 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32

Tgt Ion: 264 Resp: 336157
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 22.6 17.2 25.8





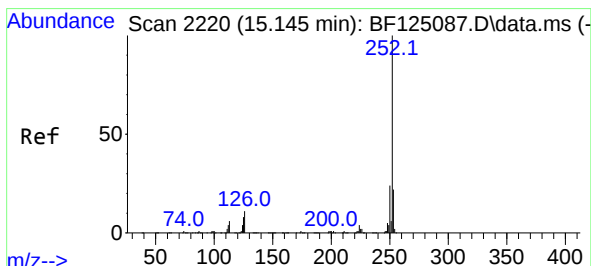
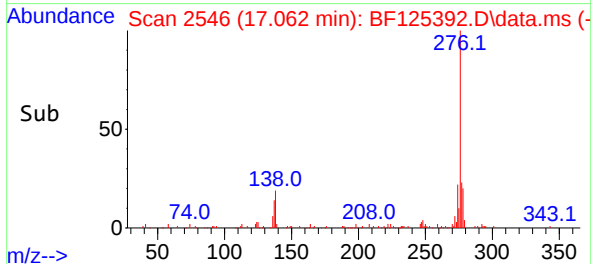
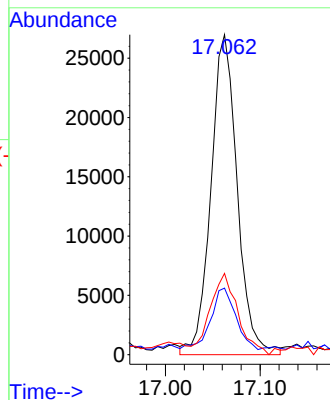
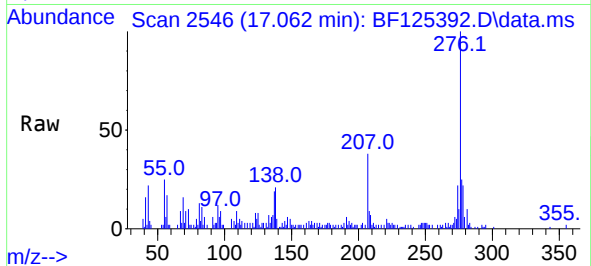
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.156 ng
RT: 17.062 min Scan# 2546
Delta R.T. -0.012 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32

Instrument :
BNA_F
ClientSampleId :
RBR-400027

Tgt Ion:276 Resp: 52215
Ion Ratio Lower Upper
276 100
138 18.6 24.1 36.1#
277 26.7 18.8 28.2

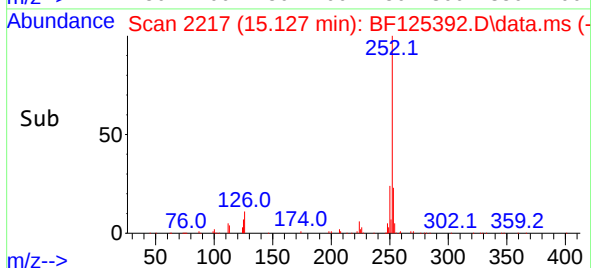
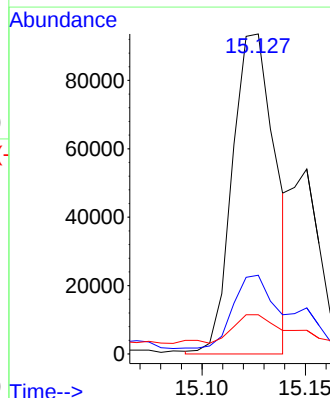
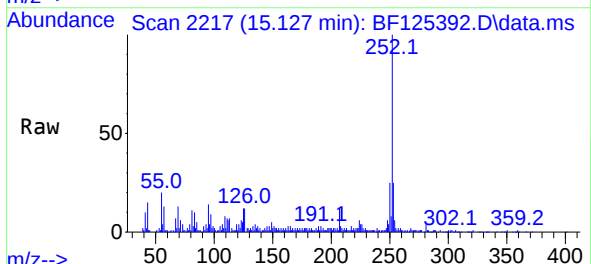
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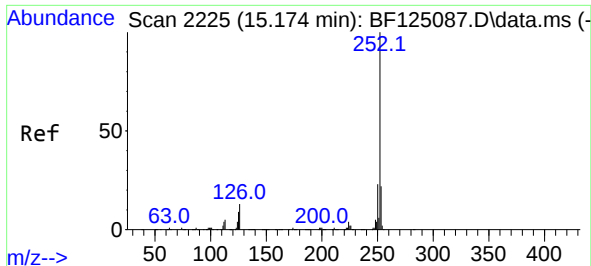
mohammad
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#88
Benzo(b)fluoranthene
Concen: 5.496 ng m
RT: 15.127 min Scan# 2217
Delta R.T. 0.006 min
Lab File: BF125392.D
Acq: 7 Sep 2021 17:32

Tgt Ion:252 Resp: 134982
Ion Ratio Lower Upper
252 100
253 24.6 16.8 25.2
125 12.2 9.8 14.8





#89

Benzo(k)fluoranthene

Concen: 2.319 ng m

RT: 15.151 min Scan# 2221

Delta R.T. 0.000 min

Lab File: BF125392.D

Acq: 7 Sep 2021 17:32

Tgt Ion:	252	Resp:	53138
Ion Ratio	Lower	Upper	
252	100		
253	24.9	17.8	26.8
125	12.8	7.2	10.8#

Instrument :

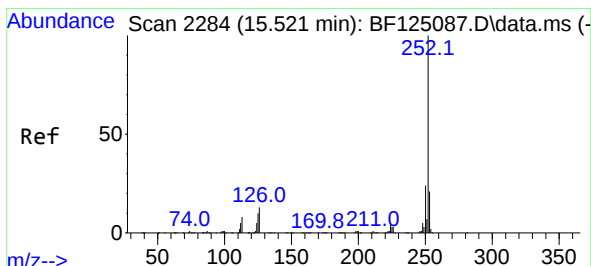
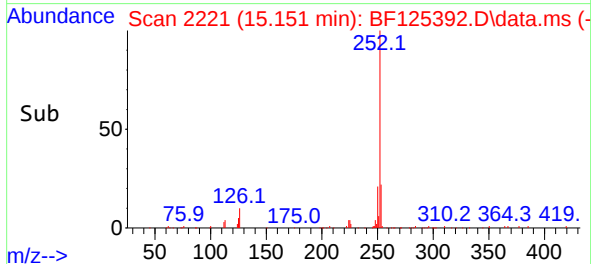
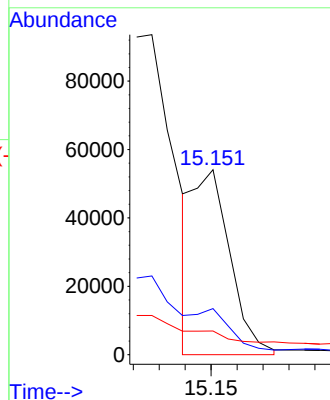
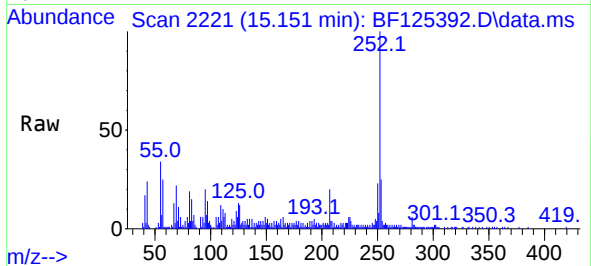
BNA_F

ClientSampleId :

RBR-400027

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#90

Benzo(a)pyrene

Concen: 3.518 ng

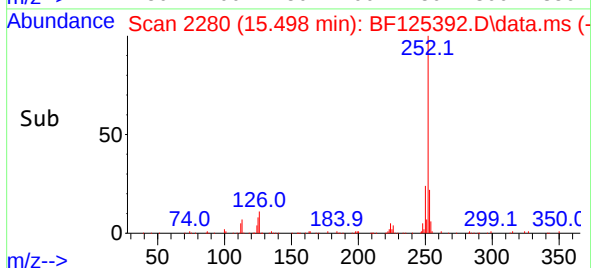
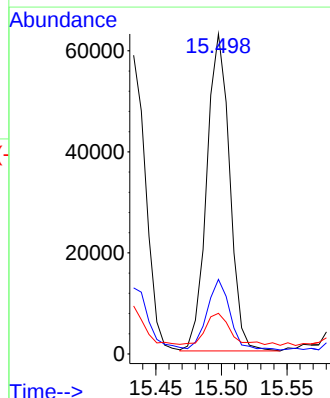
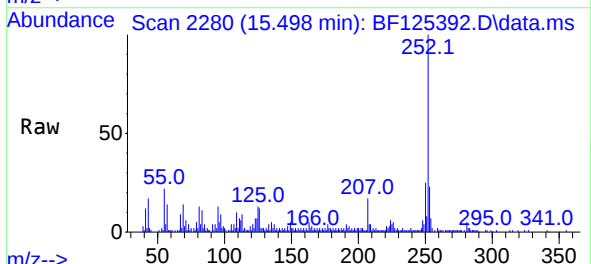
RT: 15.498 min Scan# 2280

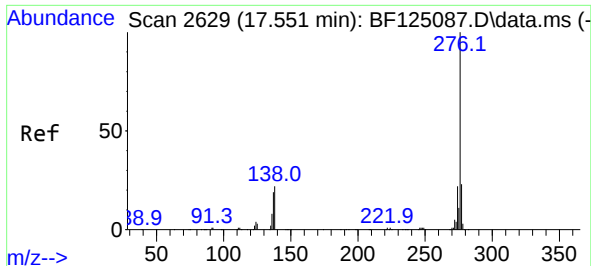
Delta R.T. 0.000 min

Lab File: BF125392.D

Acq: 7 Sep 2021 17:32

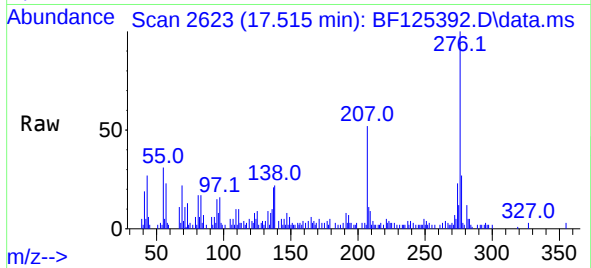
Tgt Ion:	252	Resp:	76317
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.4	27.6
125	12.7	9.9	14.9





#92
 Benzo(g,h,i)perylene
 Concen: 2.259 ng
 RT: 17.515 min Scan# 2623
 Delta R.T. -0.018 min
 Lab File: BF125392.D
 Acq: 7 Sep 2021 17:32

Instrument :
 BNA_F
 ClientSampleId :
 RBR-400027



Tgt Ion:	276	Resp:	45590
Ion Ratio	Lower	Upper	
276	100		
277	26.6	22.0	33.0
138	22.3	22.2	33.4

Manual Integrations
 APPROVED

mohammad
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