

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
 Data File : BF125191.D
 Acq On : 24 Aug 2021 18:24
 Operator : JU/CG
 Sample : M3521-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124019

Manual Integrations
 APPROVED

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Quant Time: Aug 25 04:36:08 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	129137	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	486489	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	256852	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	452900	20.000	ng	0.00
76) Chrysene-d12	14.080	240	335626	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	372481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	640527	75.075	ng	0.00
7) Phenol-d6	6.534	99	797669	72.290	ng	0.00
23) Nitrobenzene-d5	7.475	82	524388	54.266	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	232471	90.669	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	864262	46.897	ng	0.00
79) Terphenyl-d14	13.021	244	823002	39.065	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.463	178	127806	5.121	ng	100
75) Fluoranthene	12.651	202	176288	7.119	ng	98
78) Pyrene	12.880	202	146661	5.094	ng	94
83) Chrysene	14.104	228	62640	2.619	ng	99
88) Benzo(b)fluoranthene	15.133	252	66787m	2.454	ng	

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

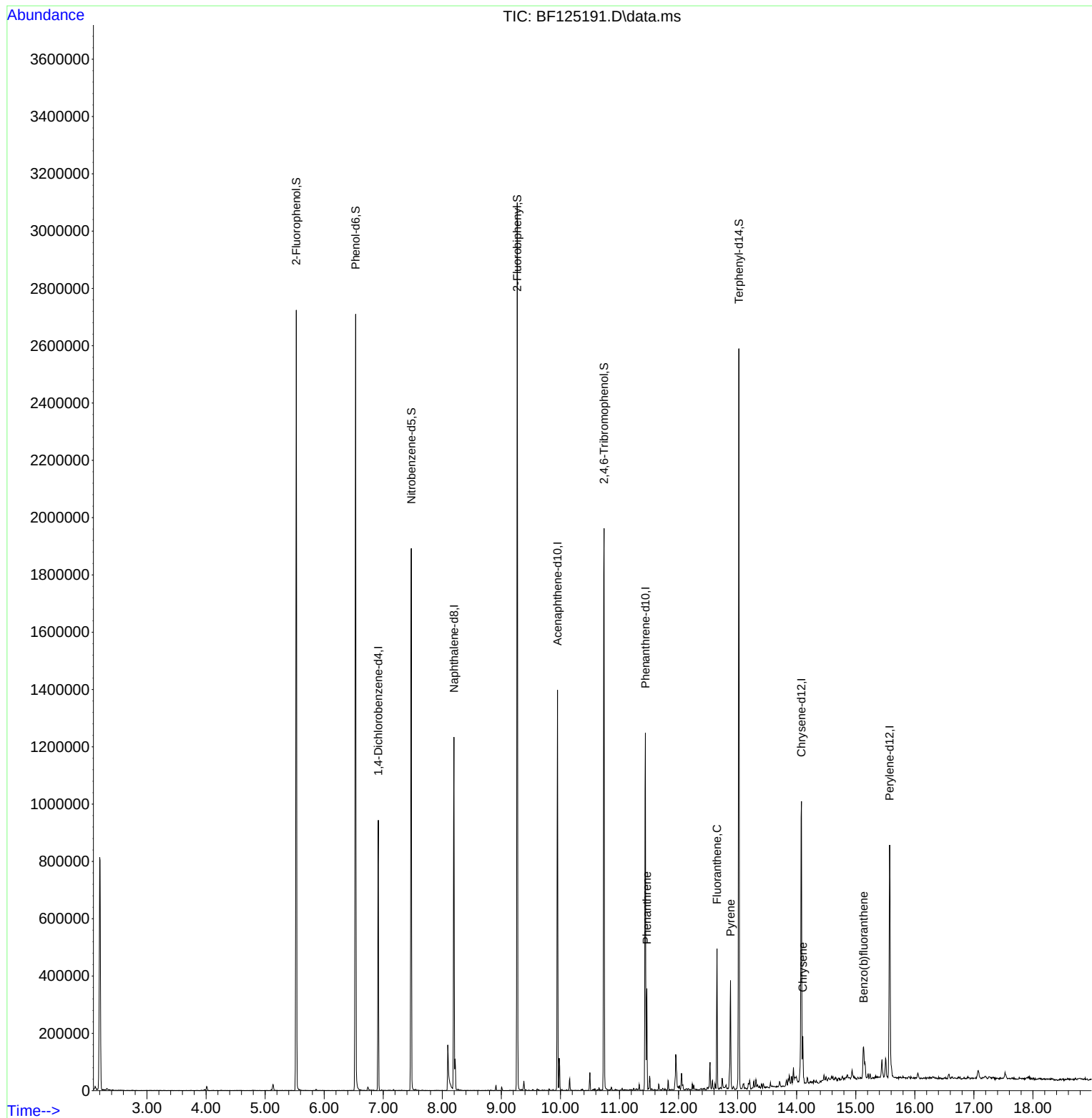
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Data File : BF125191.D
Acq On : 24 Aug 2021 18:24
Operator : JU/CG
Sample : M3521-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

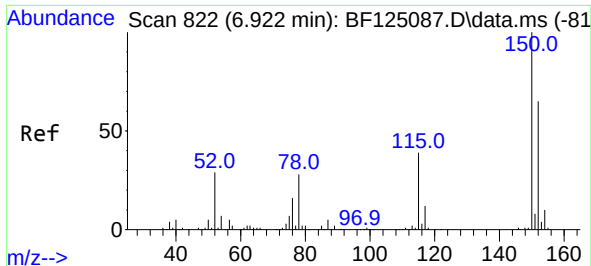
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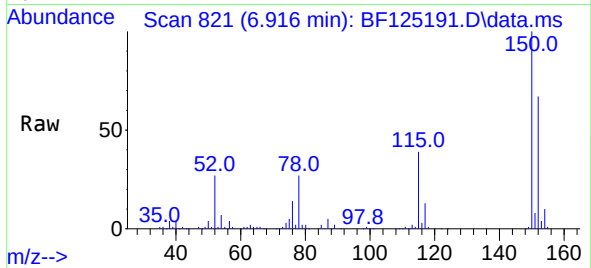
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Quant Time: Aug 25 04:36:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

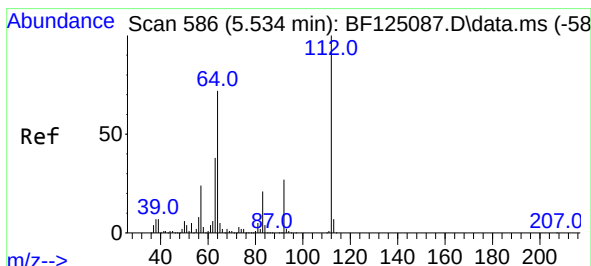
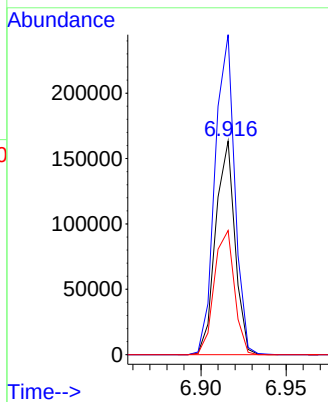
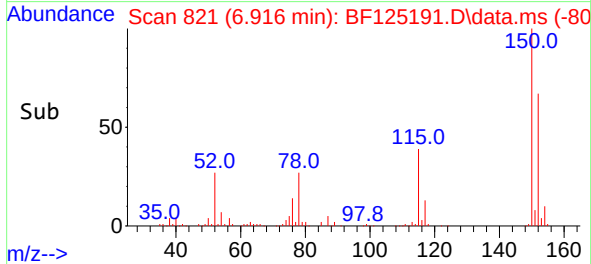




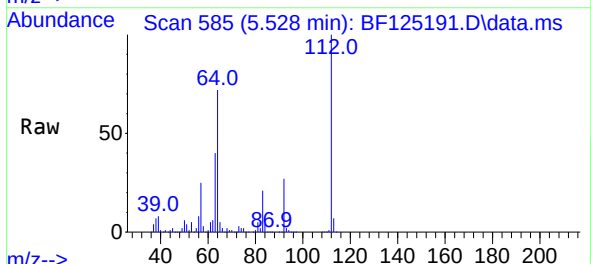
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125191.D
Acq: 24 Aug 2021 18:24



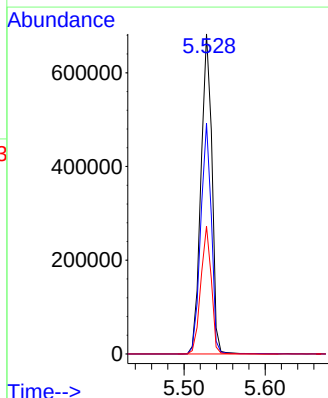
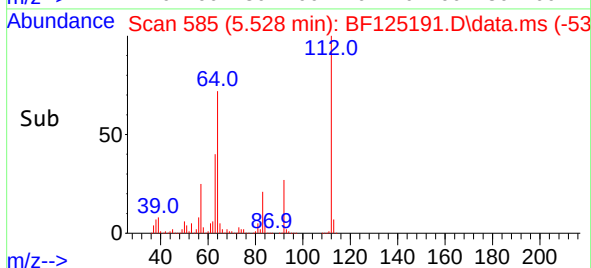
Tgt Ion:152 Resp: 129137
Ion Ratio Lower Upper
152 100
150 149.8 117.6 176.4
115 58.1 47.1 70.7



#5
2-Fluorophenol
Concen: 75.075 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.000 min
Lab File: BF125191.D
Acq: 24 Aug 2021 18:24



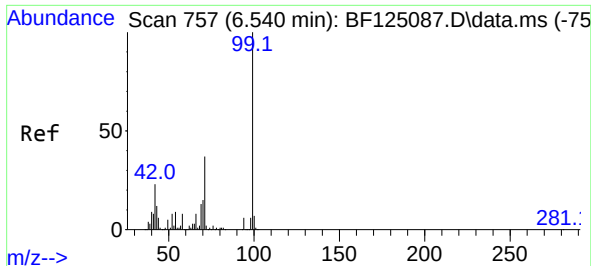
Tgt Ion:112 Resp: 640527
Ion Ratio Lower Upper
112 100
64 72.0 44.2 66.2#
63 40.0 26.2 39.2#



Instrument :
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ClientSampled :
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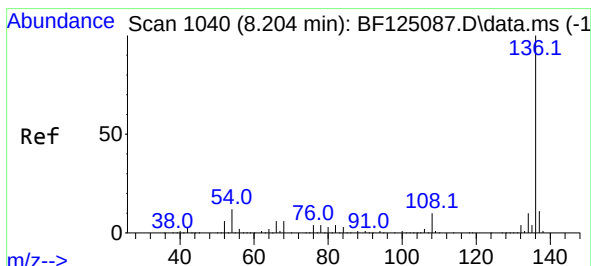
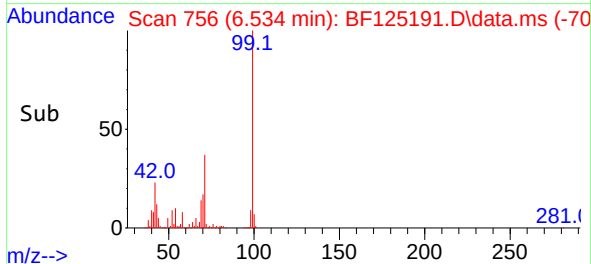
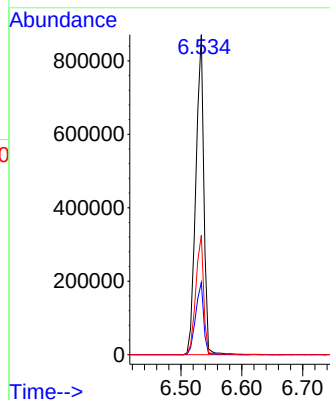
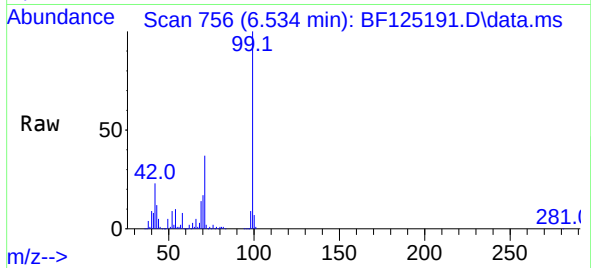
#7
Phenol-d6
Concen: 72.290 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125191.D
Acq: 24 Aug 2021 18:24

Tgt Ion: 99 Resp: 797669
Ion Ratio Lower Upper
99 100
42 22.5 23.5 35.3#
71 37.3 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
124019

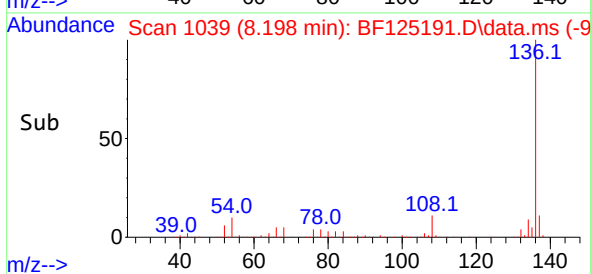
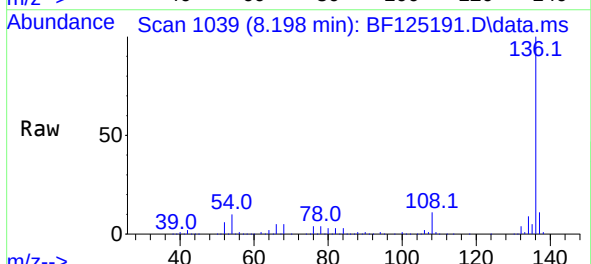
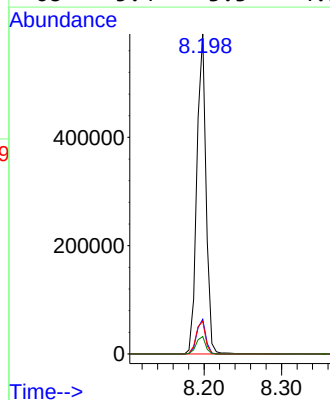
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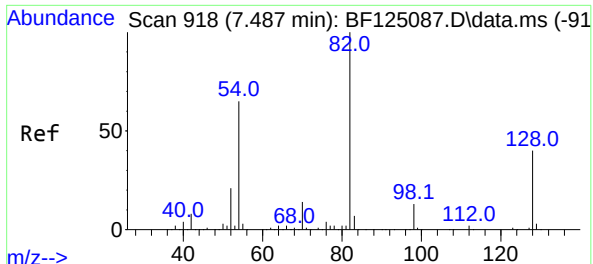
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125191.D
Acq: 24 Aug 2021 18:24

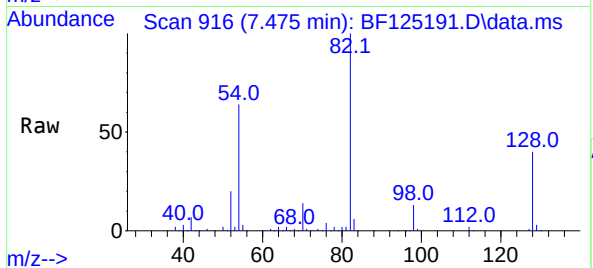
Tgt Ion: 136 Resp: 486489
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 10.2 6.4 9.6#
68 5.4 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 54.266 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125191.D
Acq: 24 Aug 2021 18:24

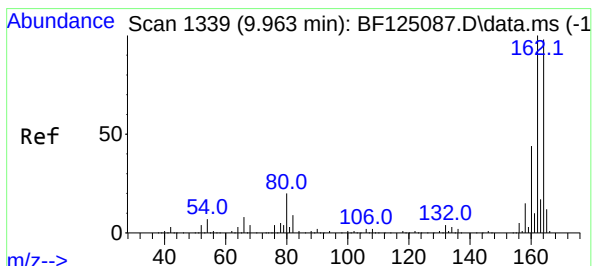
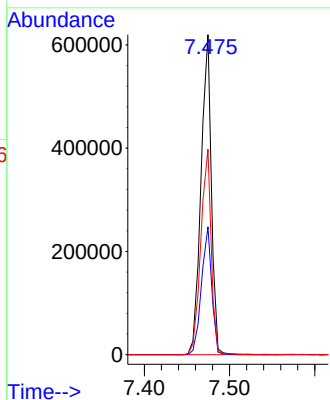
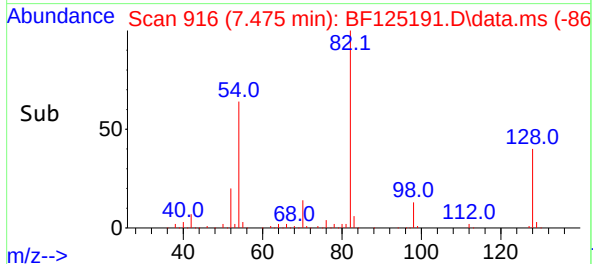
Instrument :
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ClientSampled :
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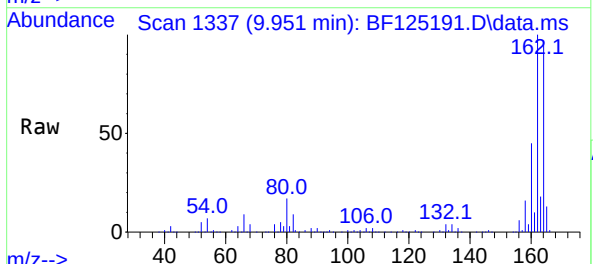
Tgt Ion: 82 Resp: 524388
Ion Ratio Lower Upper
82 100
128 40.0 40.6 60.8#
54 64.2 49.6 74.4

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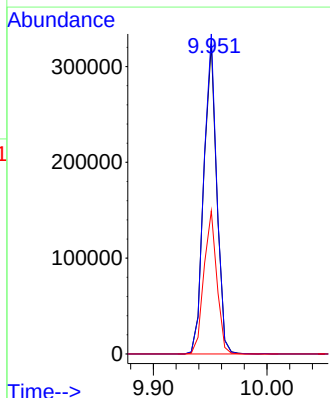
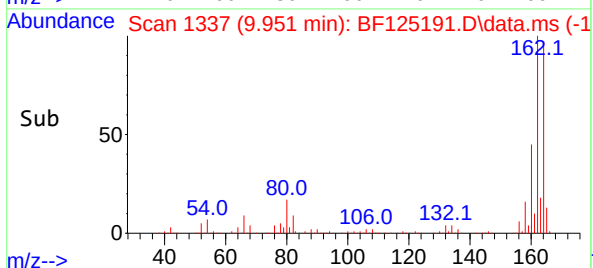
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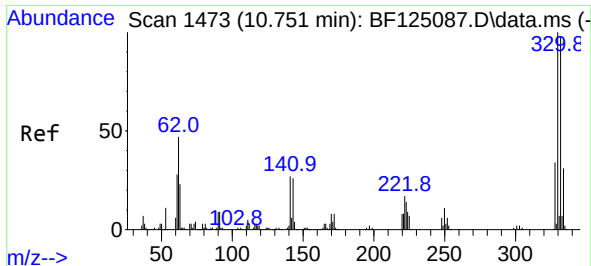


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125191.D
Acq: 24 Aug 2021 18:24



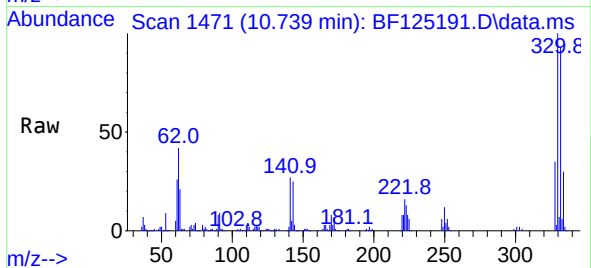
Tgt Ion: 164 Resp: 256852
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 46.1 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 90.669 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125191.D
Acq: 24 Aug 2021 18:24

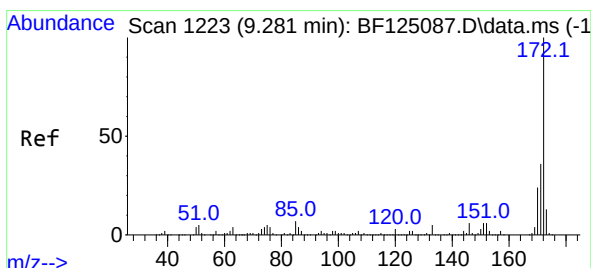
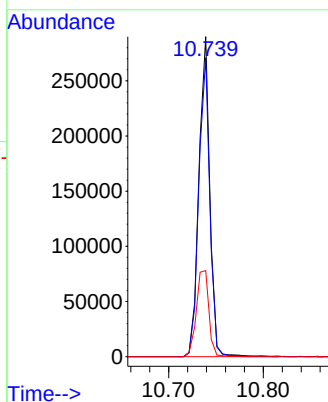
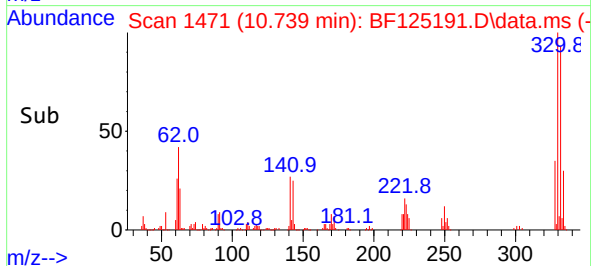
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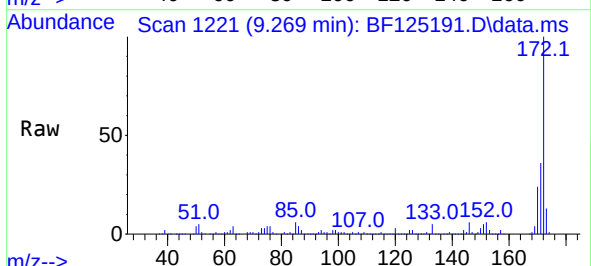
Tgt Ion:330 Resp: 232471
Ion Ratio Lower Upper
330 100
332 94.4 76.2 114.4
141 31.0 44.6 66.8#

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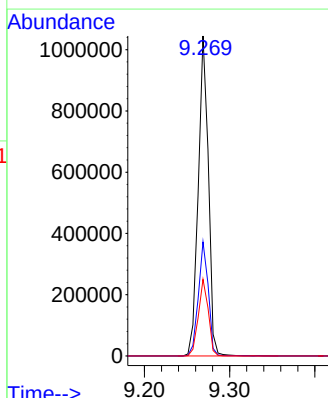
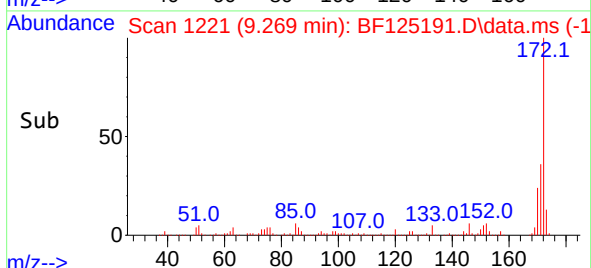
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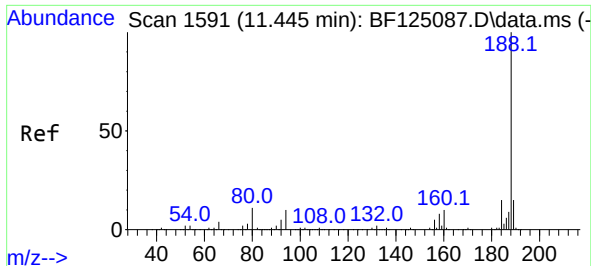


#45
2-Fluorobiphenyl
Concen: 46.897 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125191.D
Acq: 24 Aug 2021 18:24



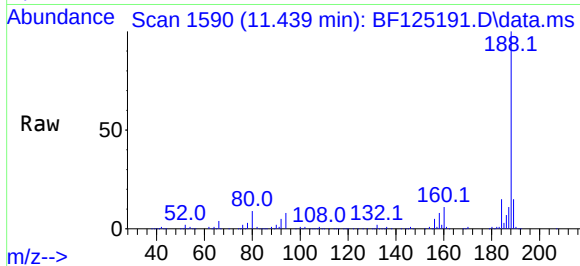
Tgt Ion:172 Resp: 864262
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 24.0 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF125191.D
Acq: 24 Aug 2021 18:24

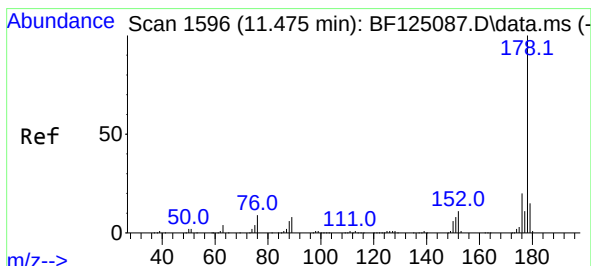
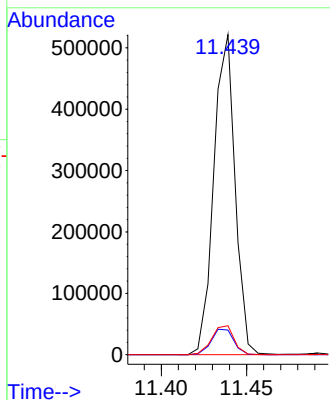
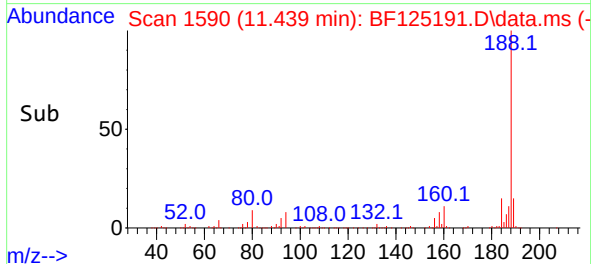
Instrument :
BNA_F
ClientSampled :
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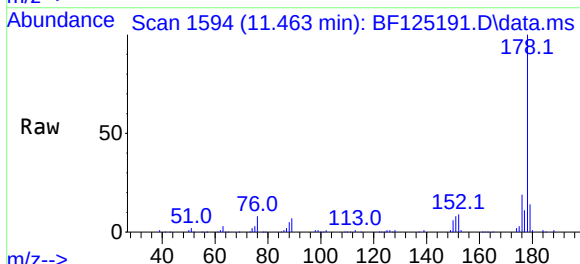
Tgt Ion:188 Resp: 452900
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 9.0 7.5 11.3

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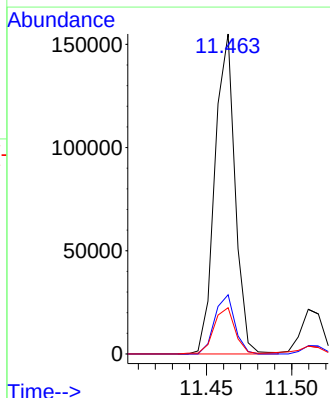
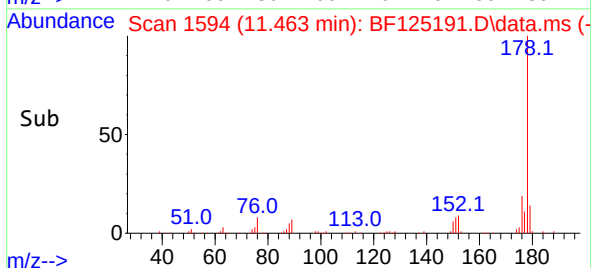
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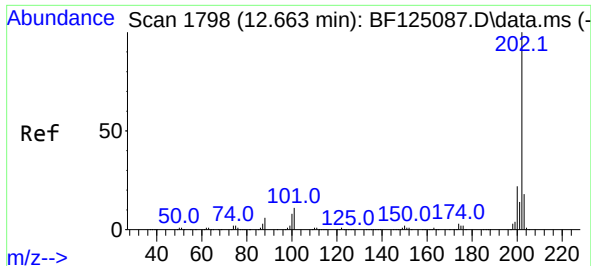


#71
Phenanthrene
Concen: 5.121 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF125191.D
Acq: 24 Aug 2021 18:24



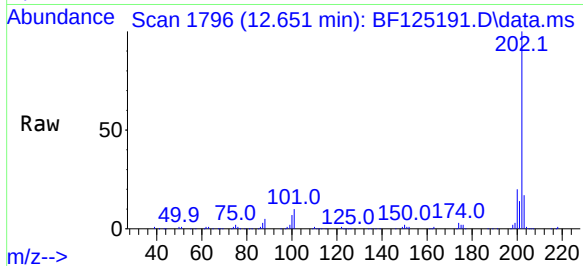
Tgt Ion:178 Resp: 127806
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 14.4 11.5 17.3





#75
Fluoranthene
Concen: 7.119 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF125191.D
Acq: 24 Aug 2021 18:24

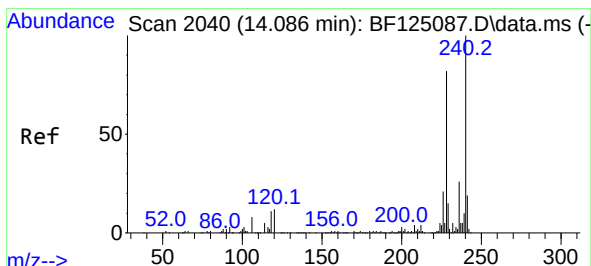
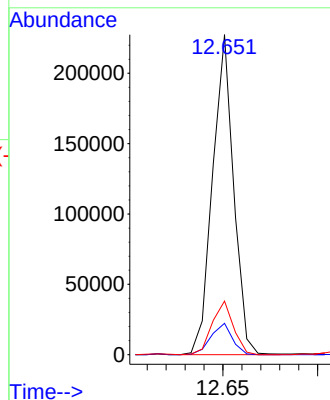
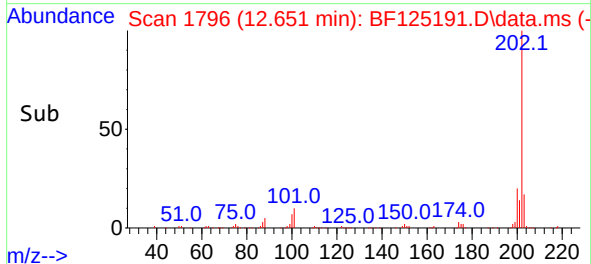
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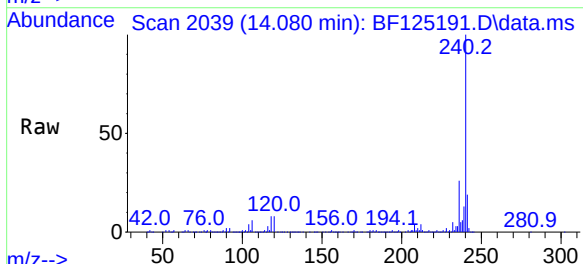
Tgt Ion:202 Resp: 176288
Ion Ratio Lower Upper
202 100
101 9.8 0.0 30.7
203 16.8 0.0 36.3

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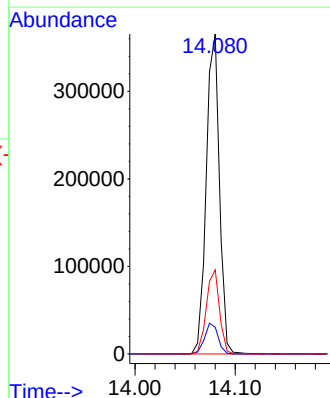
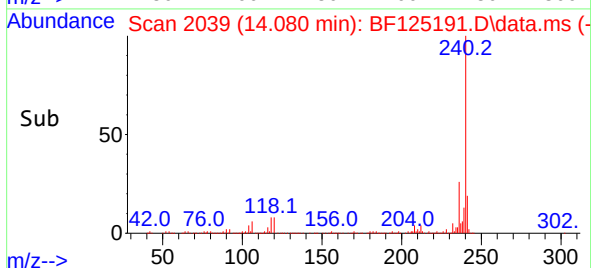
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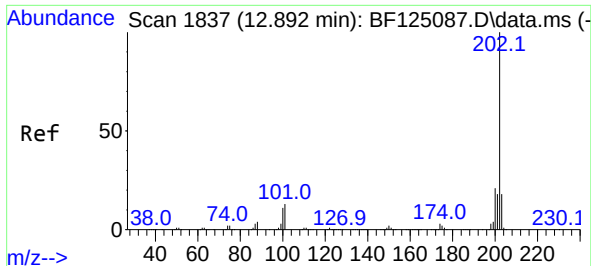


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125191.D
Acq: 24 Aug 2021 18:24



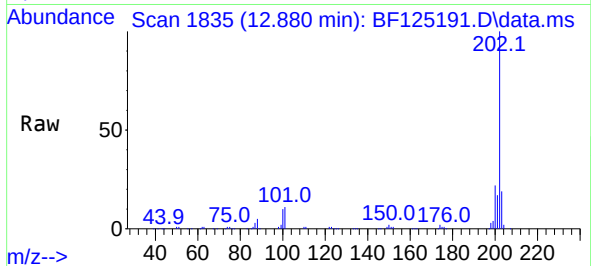
Tgt Ion:240 Resp: 335626
Ion Ratio Lower Upper
240 100
120 8.4 10.8 16.2#
236 26.3 21.6 32.4





#78
Pyrene
Concen: 5.094 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF125191.D
Acq: 24 Aug 2021 18:24

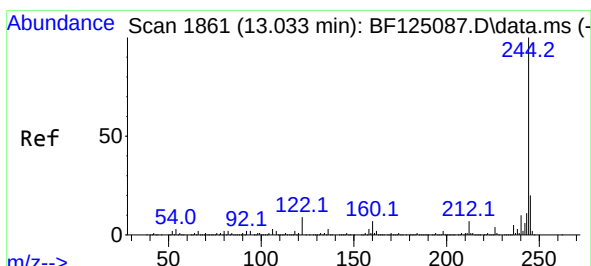
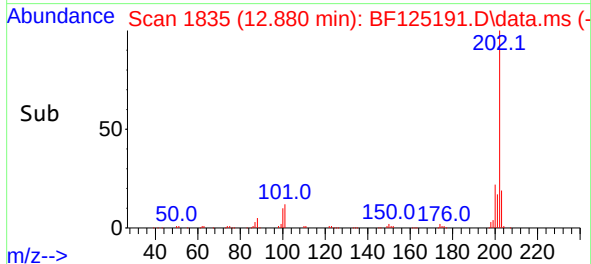
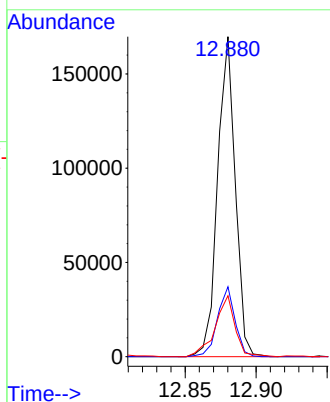
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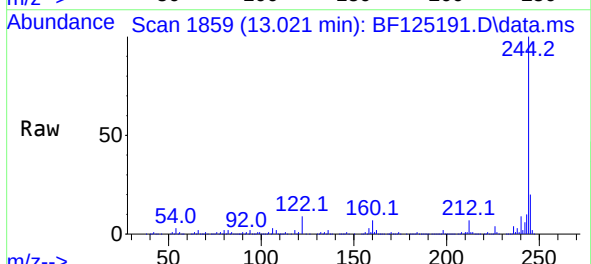
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Ion Ratio Lower Upper
202 100
200 21.9 15.3 22.9
203 19.1 13.4 20.0

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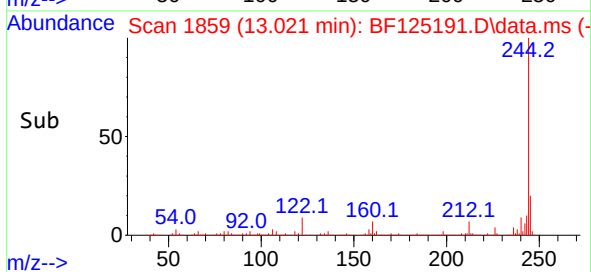
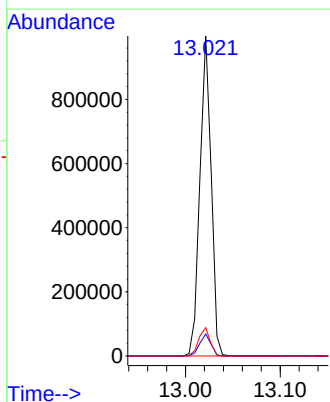
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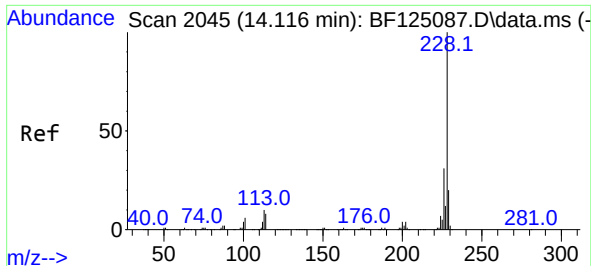


#79
Terphenyl-d14
Concen: 39.065 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF125191.D
Acq: 24 Aug 2021 18:24

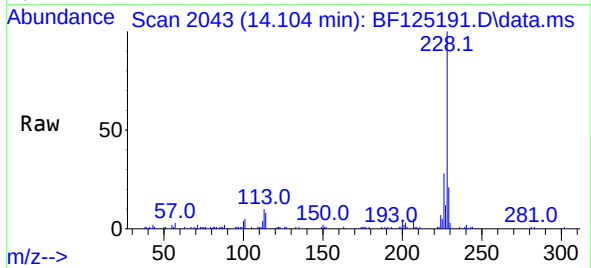


Tgt Ion:244 Resp: 823002
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.8 9.0 13.4#

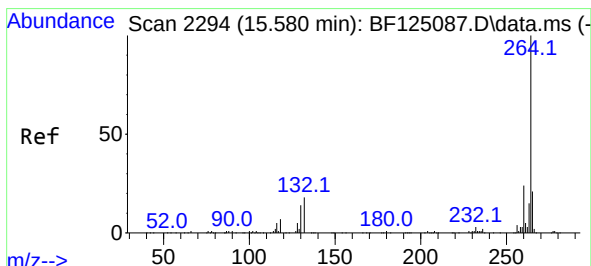
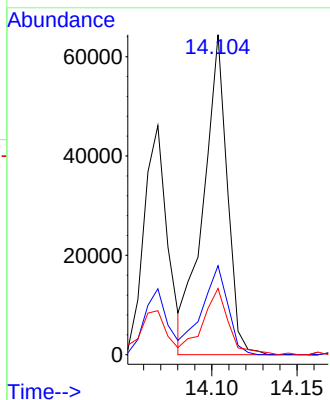
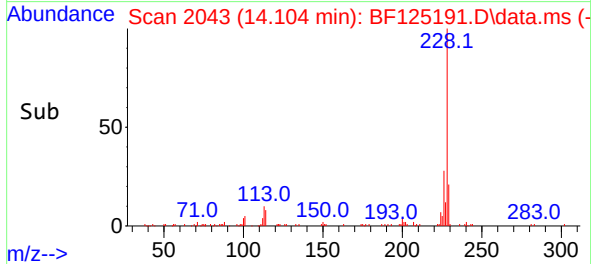




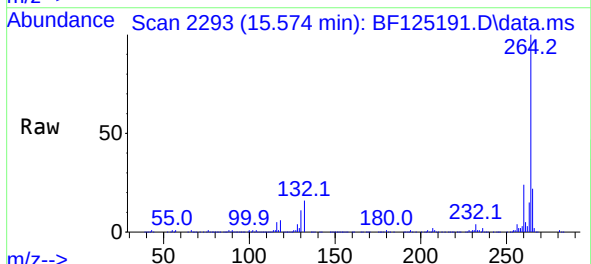
#83
Chrysene
Concen: 2.619 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF125191.D
Acq: 24 Aug 2021 18:24



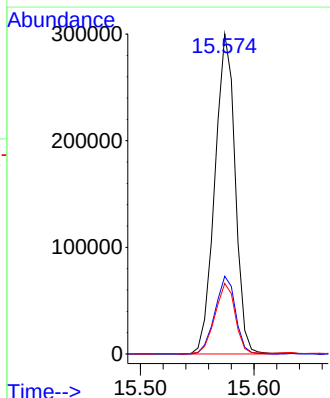
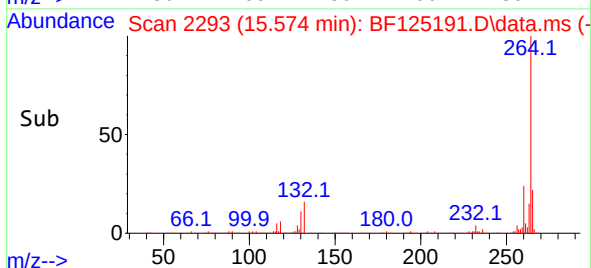
Tgt Ion:228 Resp: 62640
Ion Ratio Lower Upper
228 100
226 27.8 22.6 34.0
229 20.7 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BF125191.D
Acq: 24 Aug 2021 18:24



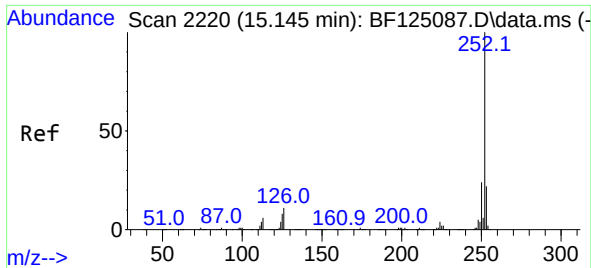
Tgt Ion:264 Resp: 372481
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 22.1 17.2 25.8



Instrument :
BNA_F
ClientSampleId :
124019

Manual Integrations
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8/25/2021 3:34:44 PM



#88
Benzo(b)fluoranthene
Concen: 2.454 ng m
RT: 15.133 min Scan# 2218
Delta R.T. -0.000 min
Lab File: BF125191.D
Acq: 24 Aug 2021 18:24

Tgt Ion:252 Resp: 66787
Ion Ratio Lower Upper
252 100
253 24.5 16.8 25.2
125 9.3 9.8 14.8#

Instrument :
BNA_F
ClientSampleId :
124019

Manual Integrations
APPROVED

mohammad
8/25/2021 3:34:44 PM

