

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
 Data File : BF125174.D
 Acq On : 24 Aug 2021 1:34
 Operator : JU/CG
 Sample : M3510-03 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082021

Manual Integrations
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mohammad
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Quant Time: Aug 24 04:50:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 10:15:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	161103	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	576876	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	275647	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	475242	20.000	ng	0.00
76) Chrysene-d12	14.092	240	355936	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	256597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	423701	39.808	ng	0.00
7) Phenol-d6	6.540	99	503774	36.596	ng	0.00
23) Nitrobenzene-d5	7.481	82	317896	27.743	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	117184	42.588	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	555517	28.088	ng	0.00
79) Terphenyl-d14	13.033	244	608016	27.213	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.663	202	103206	3.972	ng	97
78) Pyrene	12.892	202	104493	3.422	ng	98
81) Benzo(a)anthracene	14.080	228	54678	2.132	ng	# 89
83) Chrysene	14.115	228	51425m	2.028	ng	
88) Benzo(b)fluoranthene	15.145	252	64571m	3.444	ng	
90) Benzo(a)pyrene	15.521	252	43868	2.649	ng	# 90

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

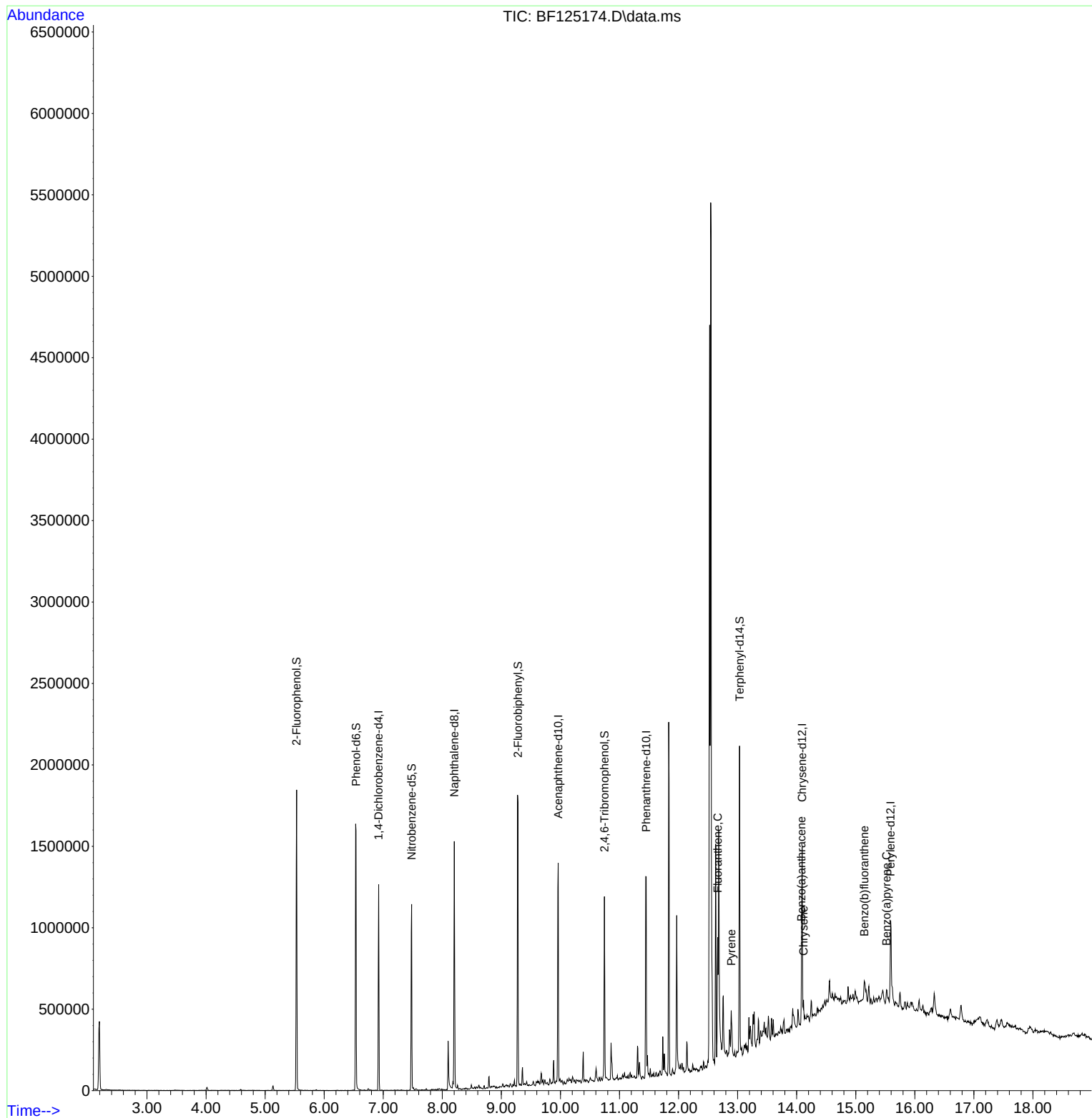
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
Data File : BF125174.D
Acq On : 24 Aug 2021 1:34
Operator : JU/CG
Sample : M3510-03 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

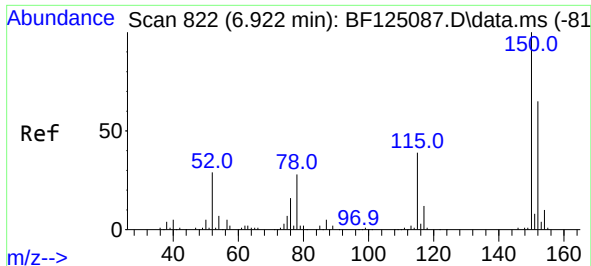
Instrument :
BNA_F
ClientSampleId :
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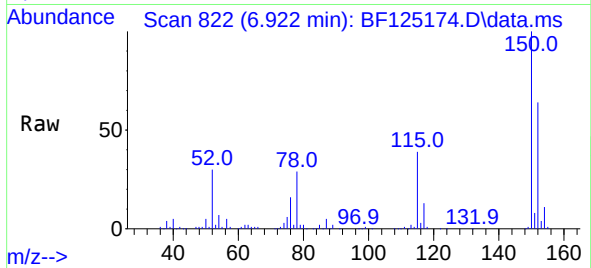
Quant Time: Aug 24 04:50:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 10:15:49 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

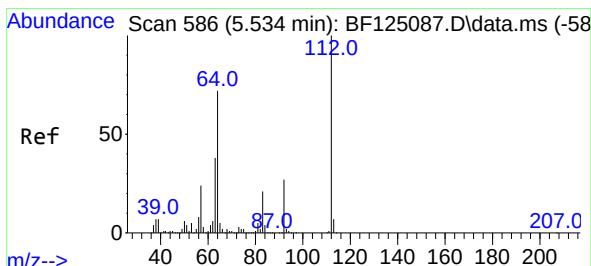
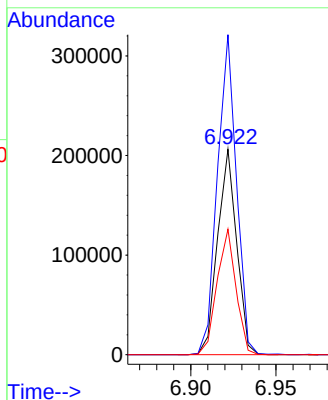
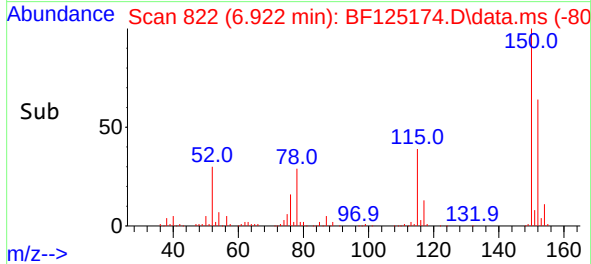
Instrument :
BNA_F
ClientSampleId :
SU-03-082021



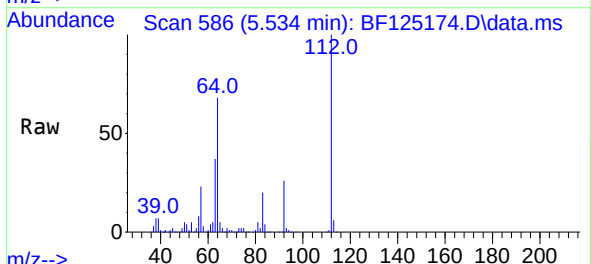
Tgt Ion:152 Resp: 161103
Ion Ratio Lower Upper
152 100
150 155.8 117.6 176.4
115 61.1 47.1 70.7

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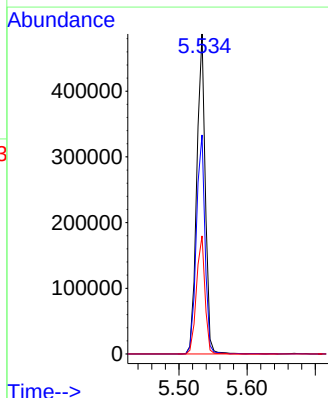
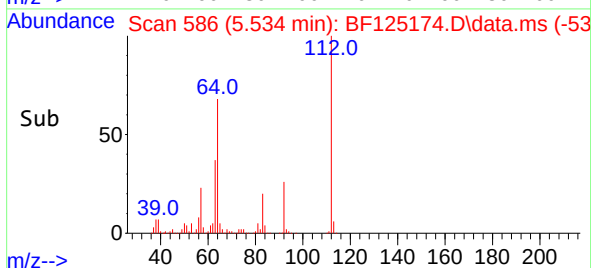
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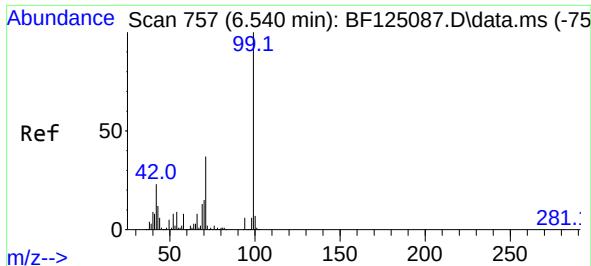


#5
2-Fluorophenol
Concen: 39.808 ng
RT: 5.534 min Scan# 586
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34



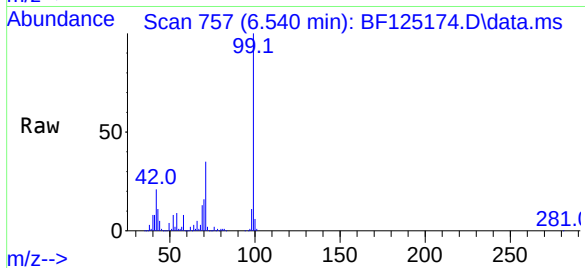
Tgt Ion:112 Resp: 423701
Ion Ratio Lower Upper
112 100
64 68.5 44.2 66.2#
63 36.9 26.2 39.2





#7
Phenol-d6
Concen: 36.596 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

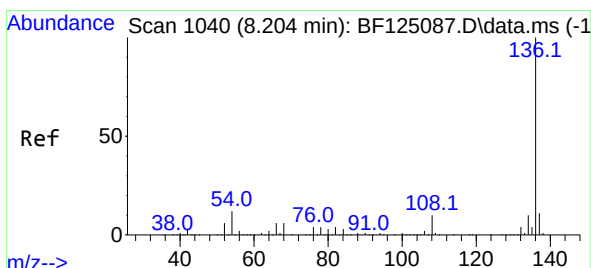
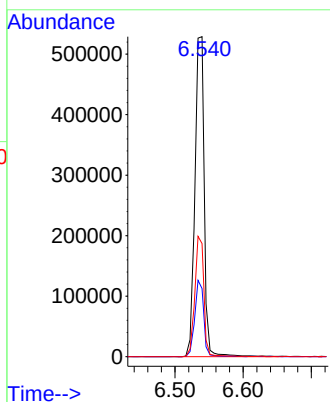
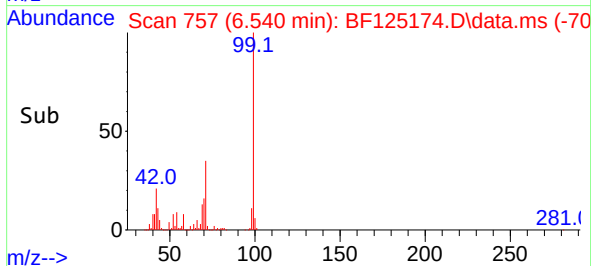
Instrument :
BNA_F
ClientSampleId :
SU-03-082021



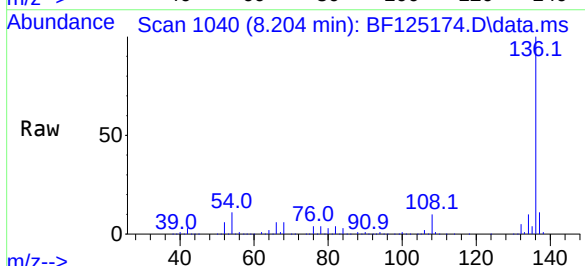
Tgt Ion: 99 Resp: 503774
Ion Ratio Lower Upper
99 100
42 21.3 23.5 35.3#
71 35.3 25.6 38.4

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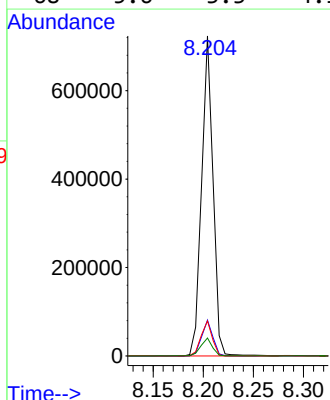
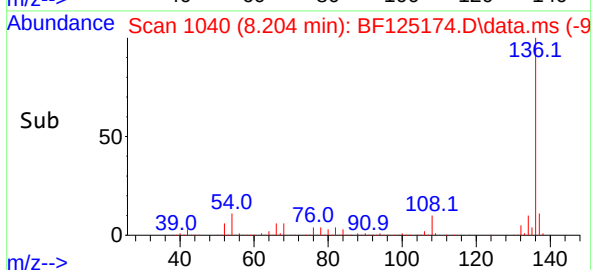
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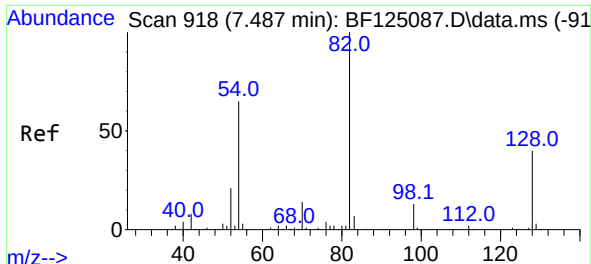


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34



Tgt Ion: 136 Resp: 576876
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 11.0 6.4 9.6#
68 5.6 3.3 4.9#





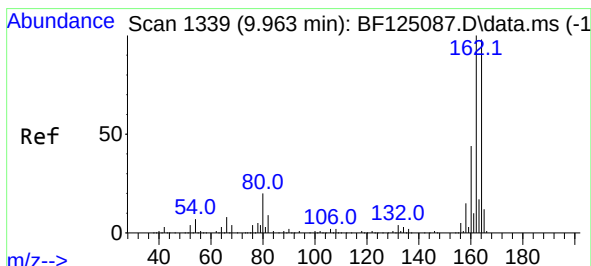
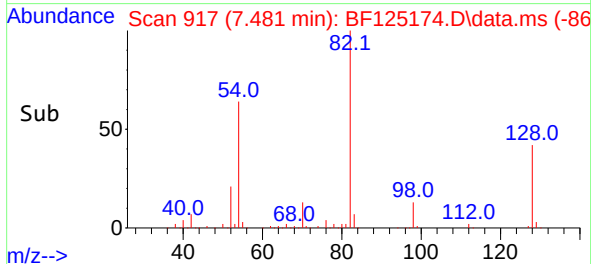
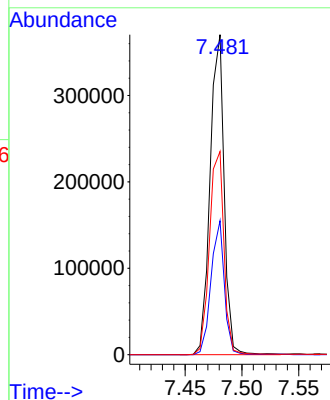
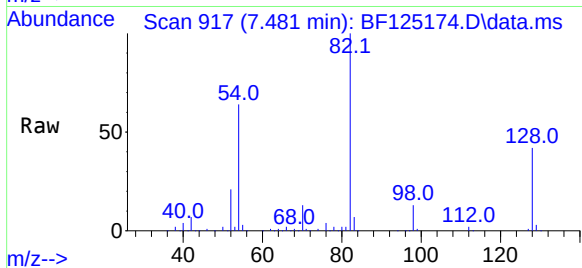
#23
Nitrobenzene-d5
Concen: 27.743 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

Tgt Ion: 82 Resp: 317896
Ion Ratio Lower Upper
82 100
128 41.9 40.6 60.8
54 63.5 49.6 74.4

Instrument :
BNA_F
ClientSampleId :
SU-03-082021

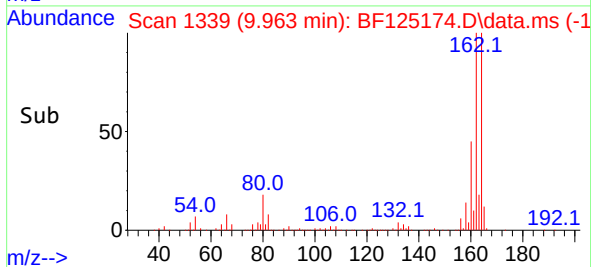
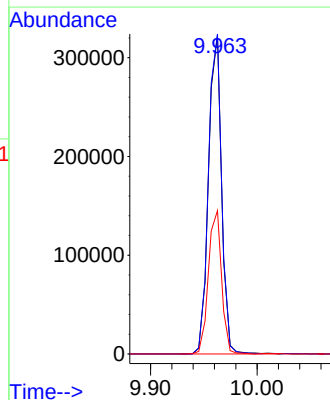
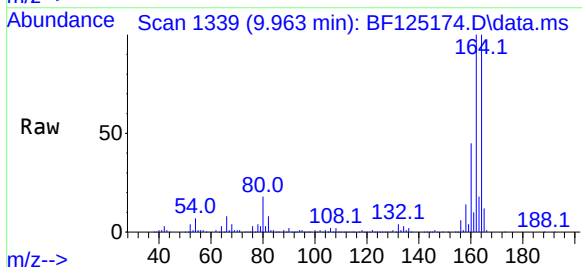
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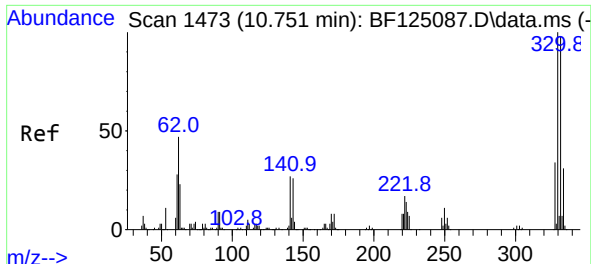
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

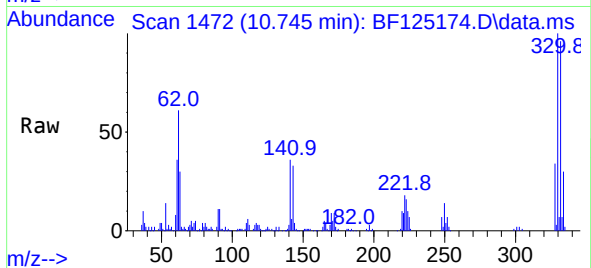
Tgt Ion:164 Resp: 275647
Ion Ratio Lower Upper
164 100
162 100.4 81.3 121.9
160 45.0 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 42.588 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.012 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

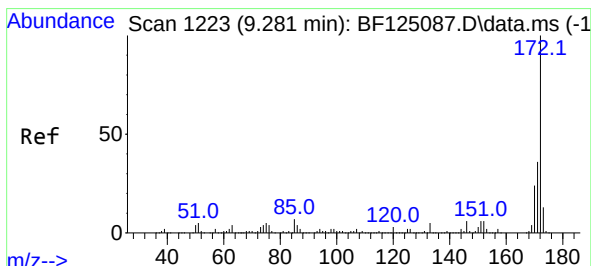
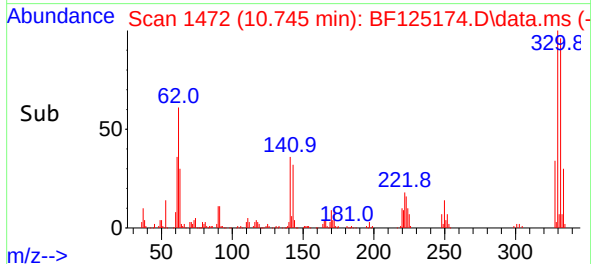
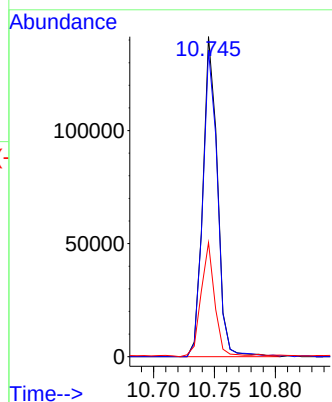
Instrument :
BNA_F
ClientSampled :
SU-03-082021



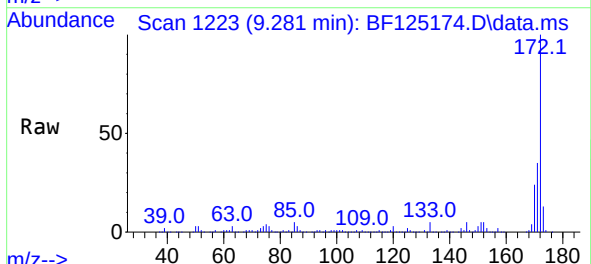
Tgt Ion: 330 Resp: 117184
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 33.9 44.6 66.8#

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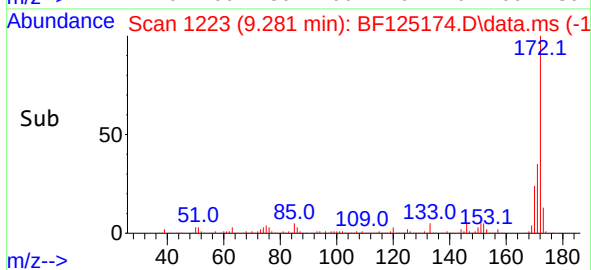
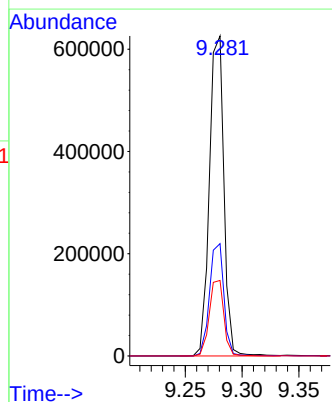
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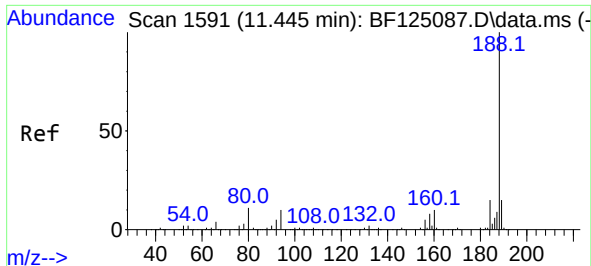


#45
2-Fluorobiphenyl
Concen: 28.088 ng
RT: 9.281 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34



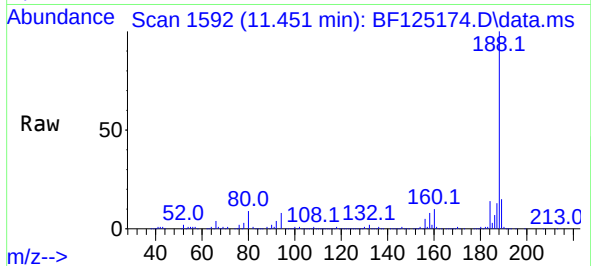
Tgt Ion: 172 Resp: 555517
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 23.6 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

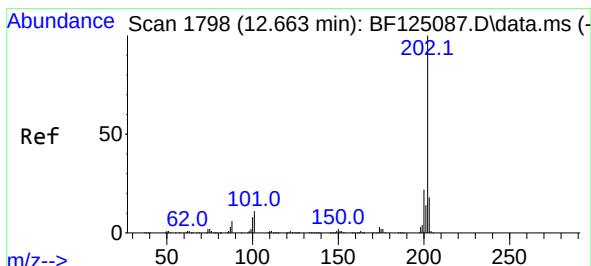
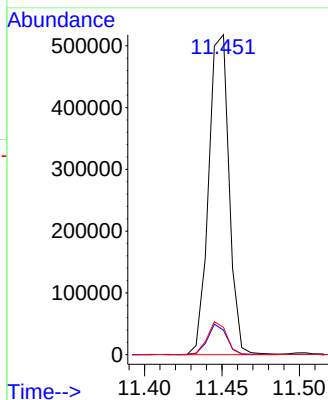
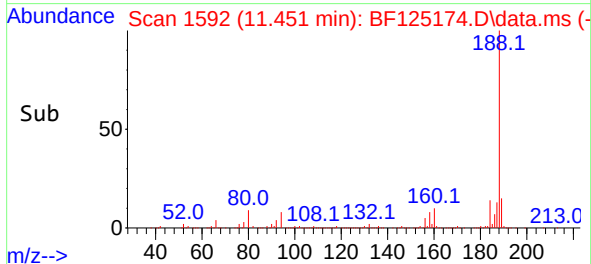
Instrument :
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ClientSampleId :
SU-03-082021



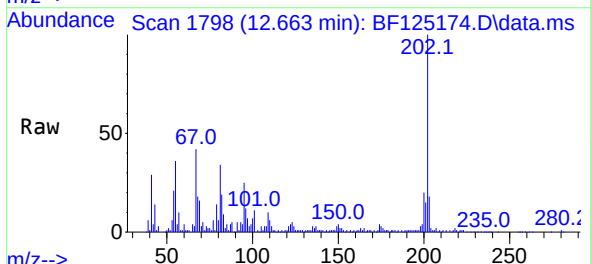
Tgt Ion:188 Resp: 475242
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.5 7.5 11.3

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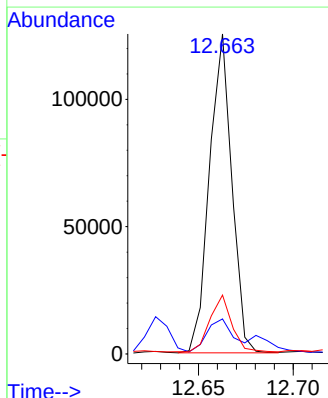
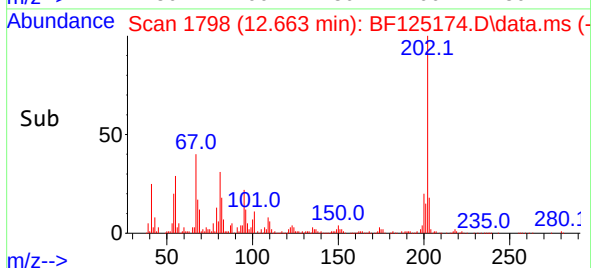
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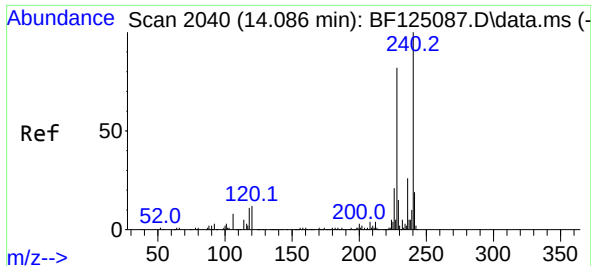


#75
Fluoranthene
Concen: 3.972 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

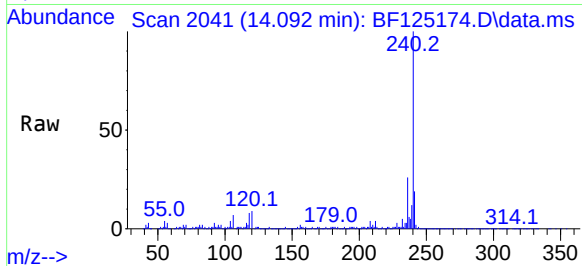


Tgt Ion:202 Resp: 103206
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 18.4 0.0 36.3

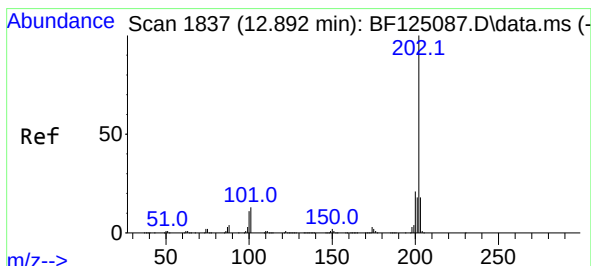
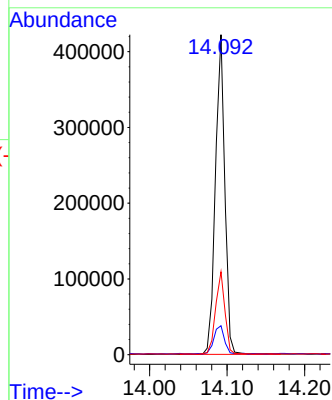
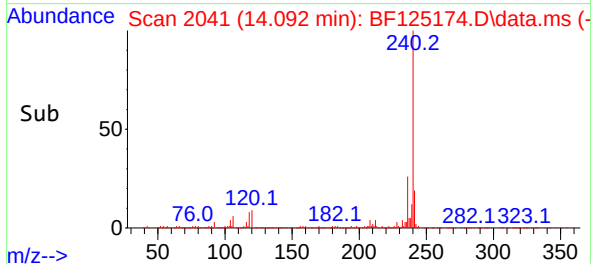




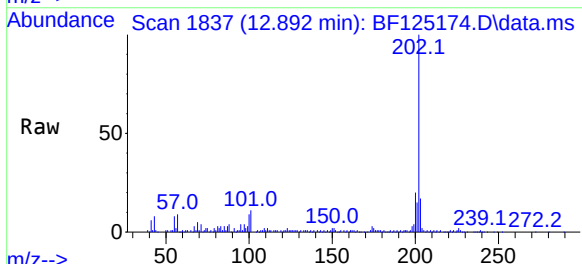
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34



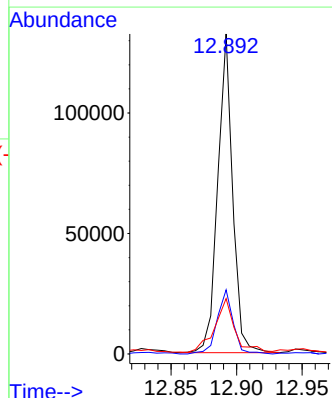
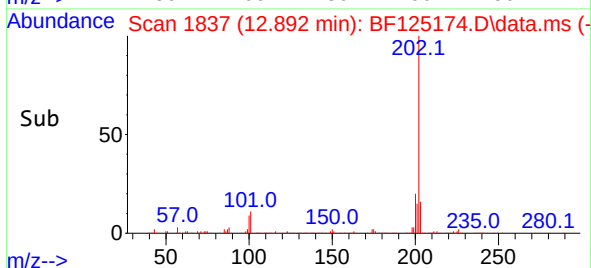
Tgt Ion:240 Resp: 355936
Ion Ratio Lower Upper
240 100
120 9.1 10.8 16.2#
236 25.9 21.6 32.4



#78
Pyrene
Concen: 3.422 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34



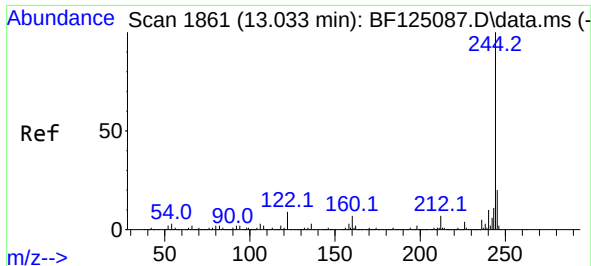
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Ion Ratio Lower Upper
202 100
200 20.0 15.3 22.9
203 17.3 13.4 20.0



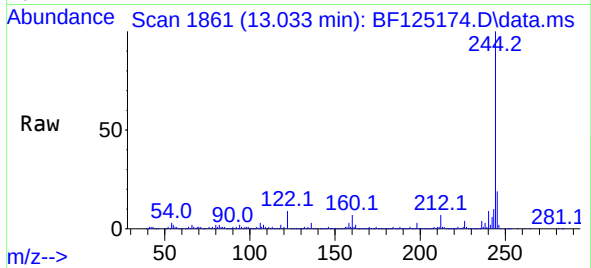
Instrument :
BNA_F
ClientSampleId :
SU-03-082021

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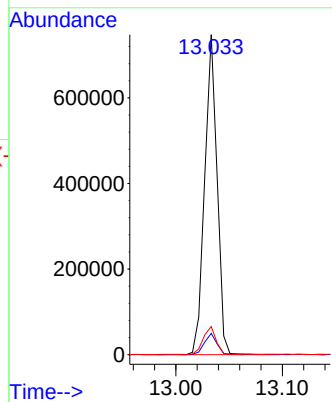
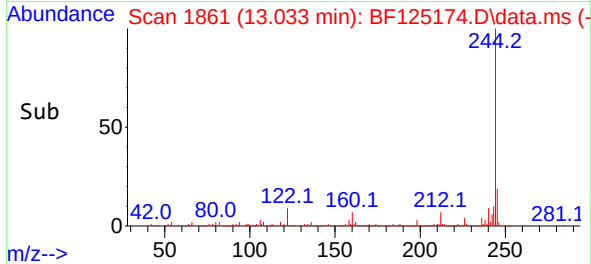
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#79
Terphenyl-d14
Concen: 27.213 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34



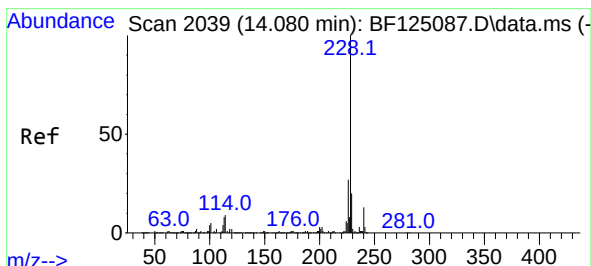
Tgt Ion:244 Resp: 608016
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 8.8 9.0 13.4#



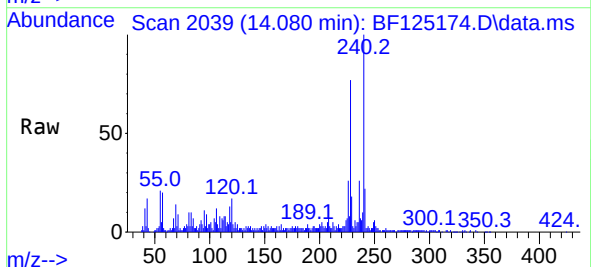
Instrument :
BNA_F
ClientSampleId :
SU-03-082021

Manual Integrations
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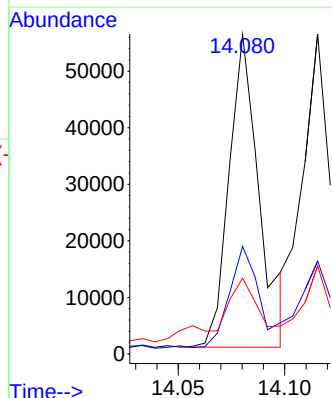
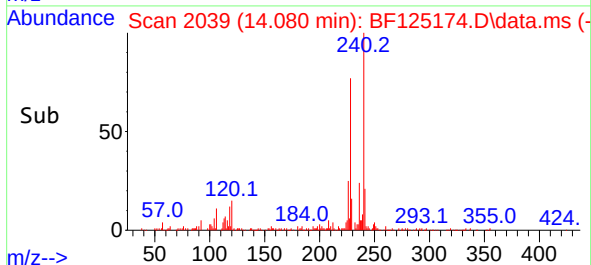
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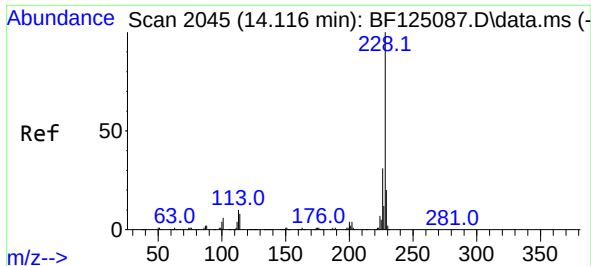


#81
Benzo(a)anthracene
Concen: 2.132 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

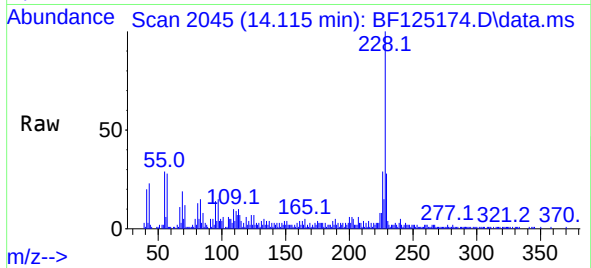


Tgt Ion:228 Resp: 54678
Ion Ratio Lower Upper
228 100
226 33.7 21.6 32.4#
229 23.7 15.6 23.4#

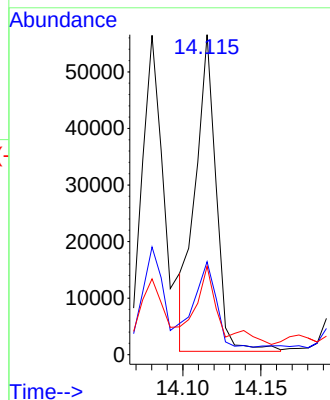
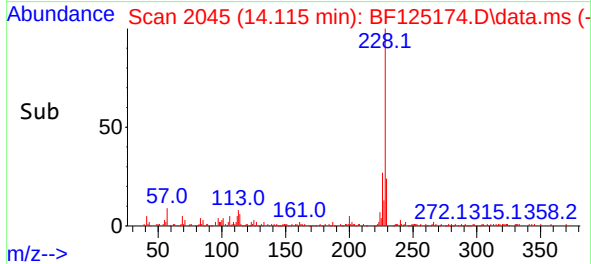




#83
Chrysene
Concen: 2.028 ng m
RT: 14.115 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34



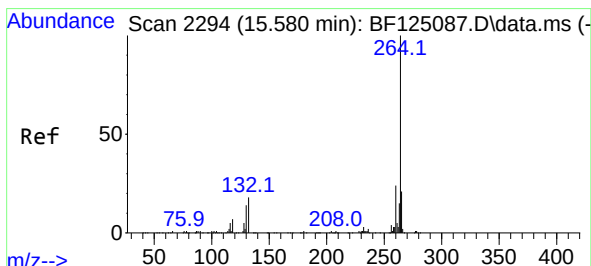
Tgt Ion:228 Resp: 51425
Ion Ratio Lower Upper
228 100
226 29.1 22.6 34.0
229 27.6 15.9 23.9#



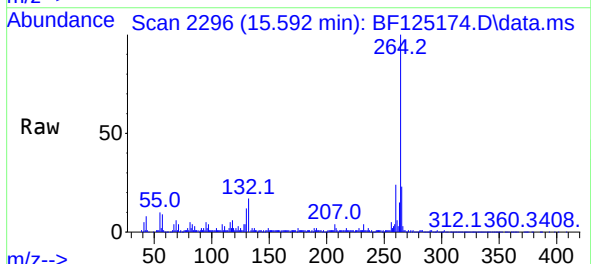
Instrument :
BNA_F
ClientSampleId :
SU-03-082021

Manual Integrations
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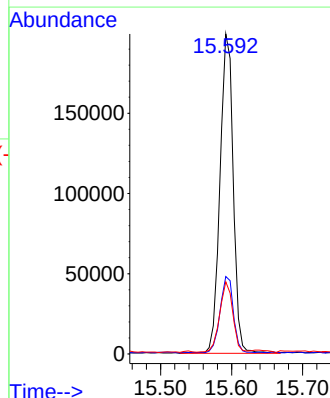
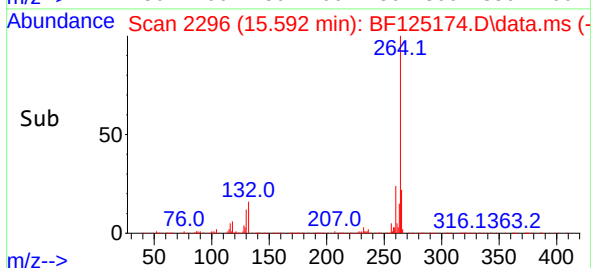
mohammad
8/24/2021 11:20:14 AM

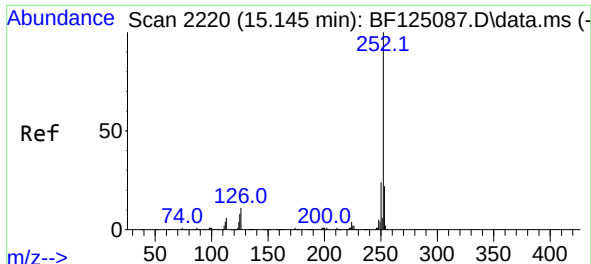


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34



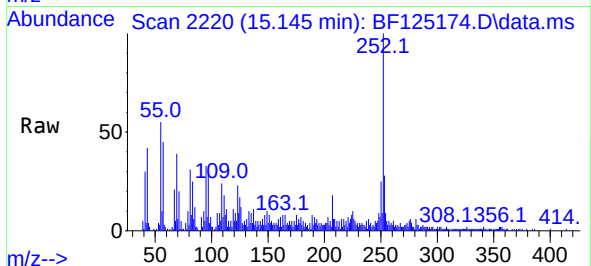
Tgt Ion:264 Resp: 256597
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 22.5 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 3.444 ng m
RT: 15.145 min Scan# 2220
Delta R.T. -0.012 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34

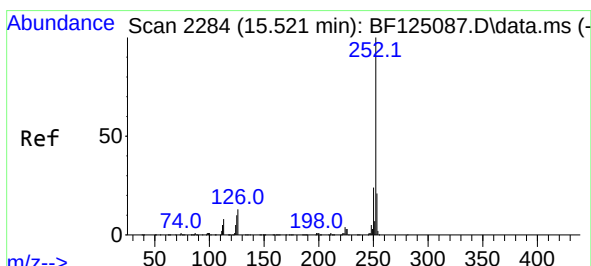
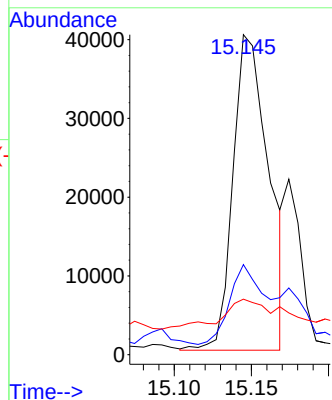
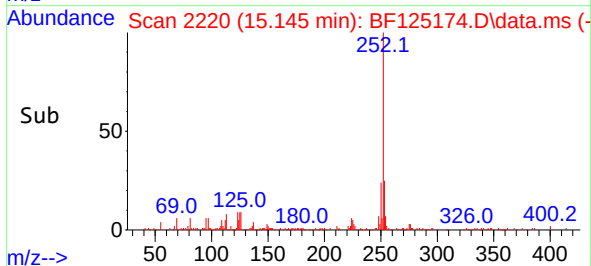
Instrument :
BNA_F
ClientSampleId :
SU-03-082021



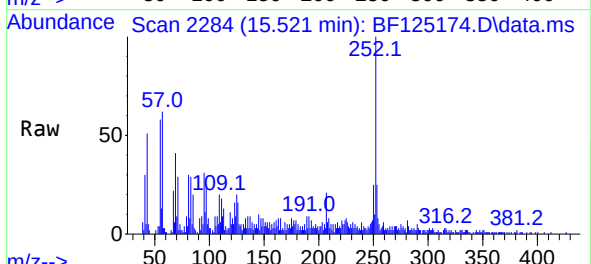
Tgt Ion:252 Resp: 64571
Ion Ratio Lower Upper
252 100
253 28.1 16.8 25.2#
125 17.4 9.8 14.8#

Manual Integrations
APPROVED

mohammad
8/24/2021 11:20:14 AM



#90
Benzo(a)pyrene
Concen: 2.649 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF125174.D
Acq: 24 Aug 2021 1:34



Tgt Ion:252 Resp: 43868
Ion Ratio Lower Upper
252 100
253 25.3 18.4 27.6
125 19.7 9.9 14.9#

