

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
 Data File : BF125145.D
 Acq On : 20 Aug 2021 20:50
 Operator : JU/CG
 Sample : M3466-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-081821

Manual Integrations
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Quant Time: Aug 21 02:02:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	172225	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	604758	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	271010	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	444535	20.000	ng	0.00
76) Chrysene-d12	14.092	240	346854	20.000	ng	# 0.00
86) Perylene-d12	15.598	264	226787	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	190081	16.705	ng	0.00
7) Phenol-d6	6.534	99	223297	15.174	ng	0.00
23) Nitrobenzene-d5	7.475	82	130962	10.902	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	41550	15.359	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	241732	12.432	ng	0.00
79) Terphenyl-d14	13.033	244	242738	11.149	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.474	178	85156	3.477	ng	98
75) Fluoranthene	12.663	202	294329	12.110	ng	98
78) Pyrene	12.892	202	298285	10.025	ng	97
81) Benzo(a)anthracene	14.080	228	162197	6.490	ng	# 92
83) Chrysene	14.115	228	141524m	5.726	ng	
87) Indeno(1,2,3-cd)pyrene	17.109	276	65439	4.005	ng	# 91
88) Benzo(b)fluoranthene	15.151	252	148522m	8.964	ng	
89) Benzo(k)fluoranthene	15.180	252	54177m	3.504	ng	
90) Benzo(a)pyrene	15.527	252	104689	7.153	ng	98
92) Benzo(g,h,i)perylene	17.568	276	64770	4.756	ng	94

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

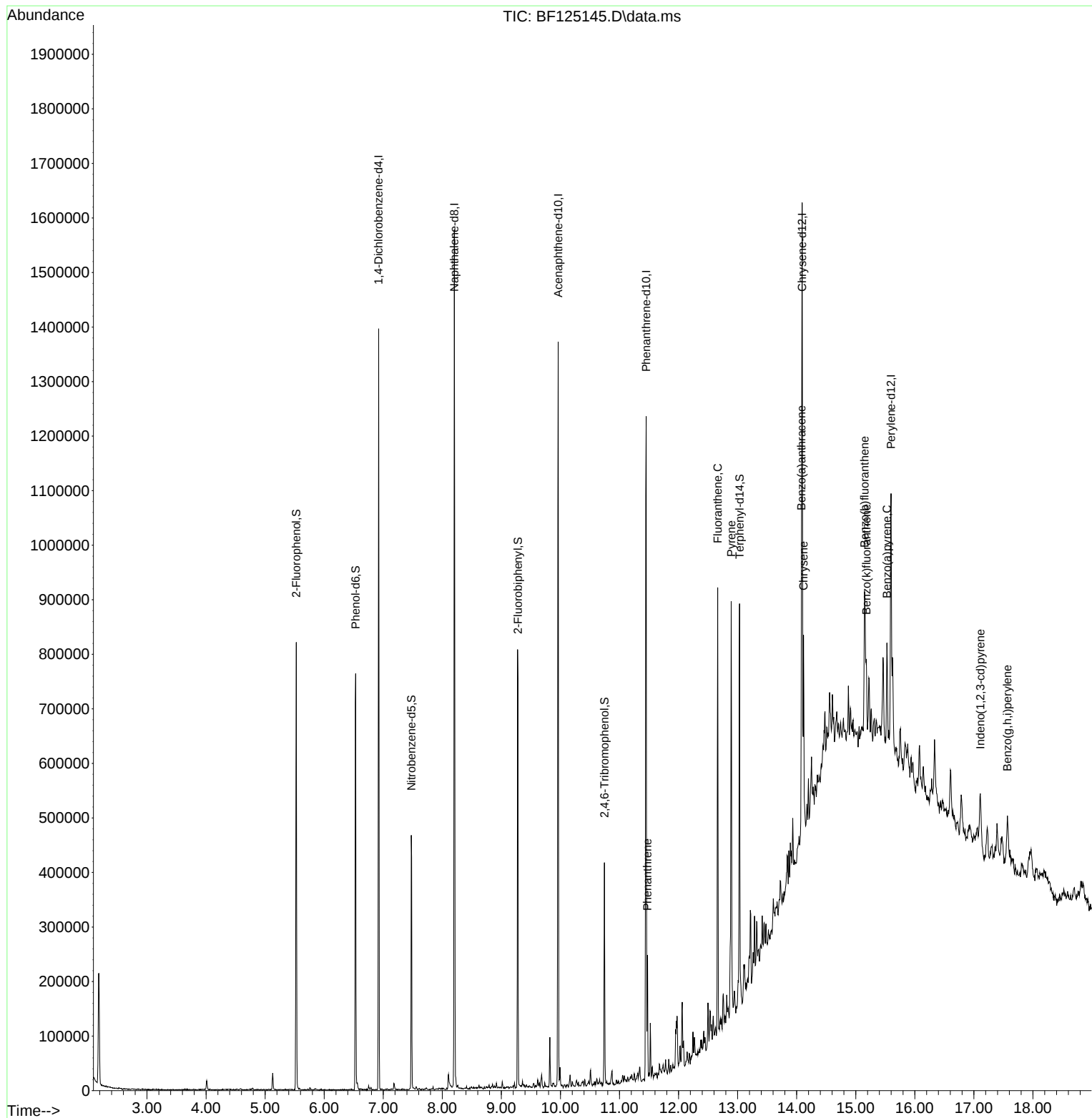
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082021\
Data File : BF125145.D
Acq On : 20 Aug 2021 20:50
Operator : JU/CG
Sample : M3466-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
OK-03-081821

Manual Integrations
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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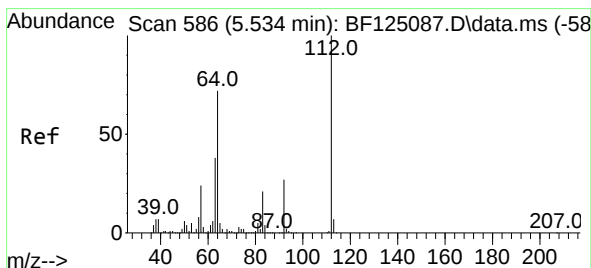
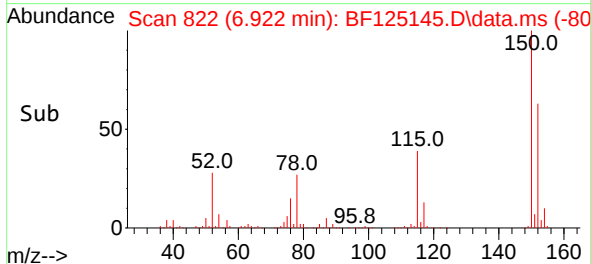
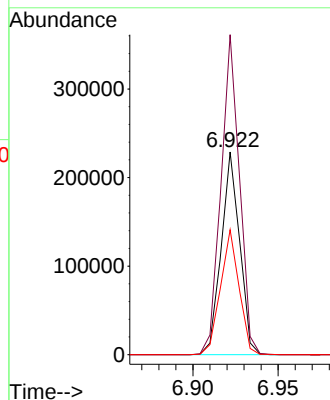
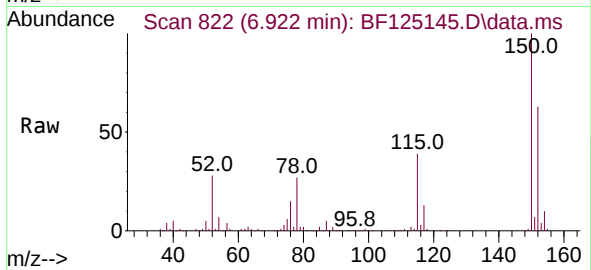
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50

Instrument :
BNA_F
ClientSampleId :
OK-03-081821

Tgt Ion:152 Resp: 172225
Ion Ratio Lower Upper
152 100
150 157.9 117.6 176.4
115 61.7 47.1 70.7

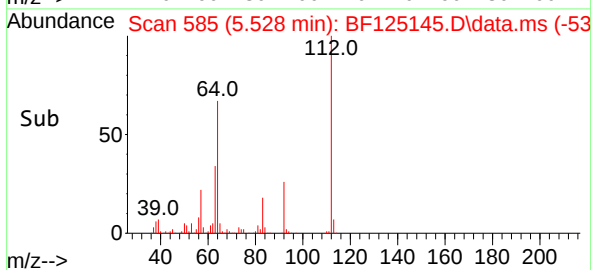
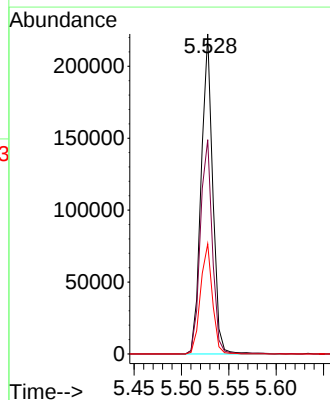
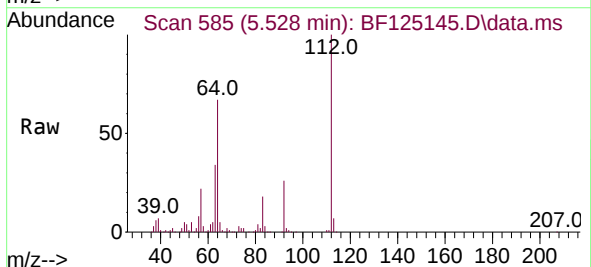
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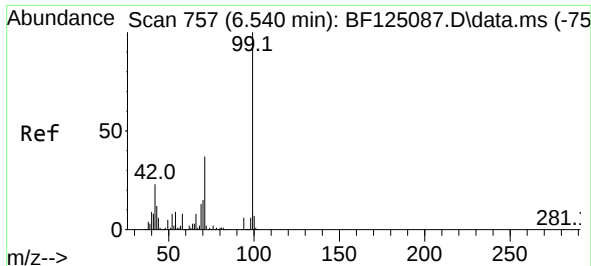
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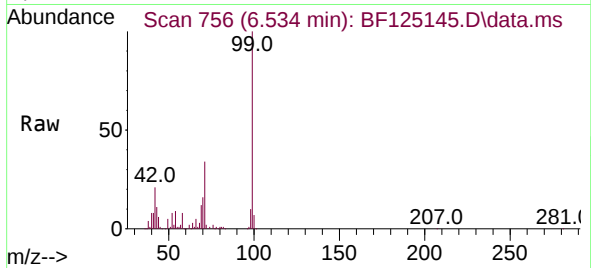
#5
2-Fluorophenol
Concen: 16.705 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.006 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50

Tgt Ion:112 Resp: 190081
Ion Ratio Lower Upper
112 100
64 66.9 44.2 66.2#
63 34.4 26.2 39.2

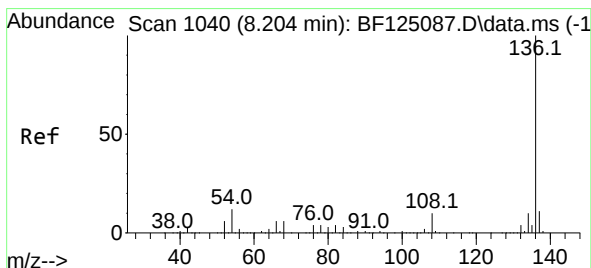
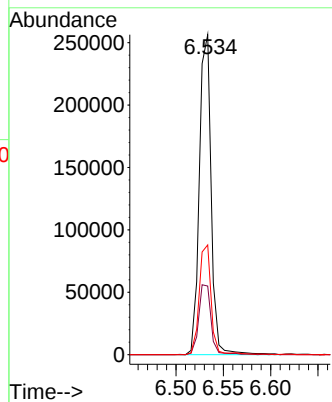
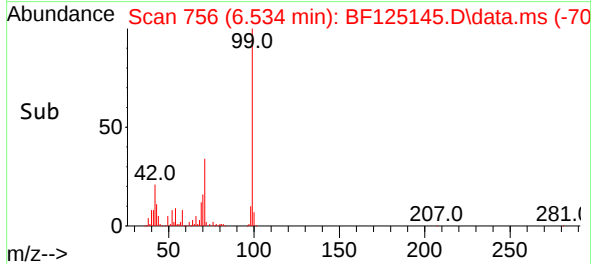




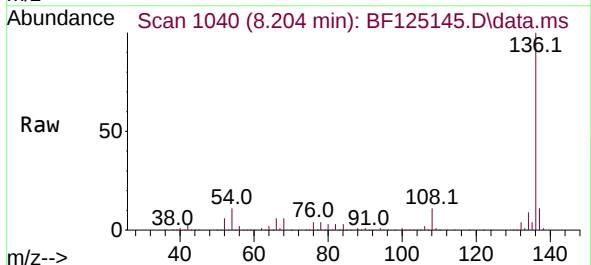
#7
Phenol-d6
Concen: 15.174 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50



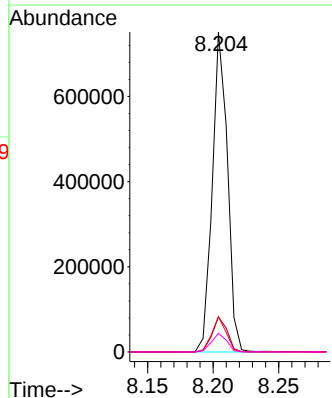
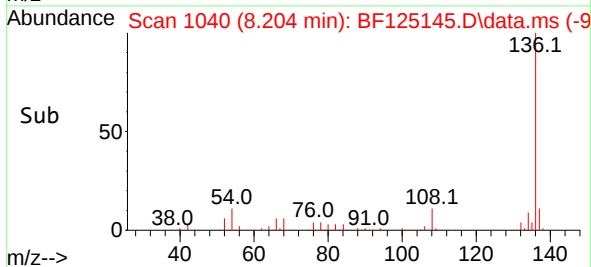
Tgt Ion: 99 Resp: 223297
Ion Ratio Lower Upper
99 100
42 21.4 23.5 35.3#
71 34.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50



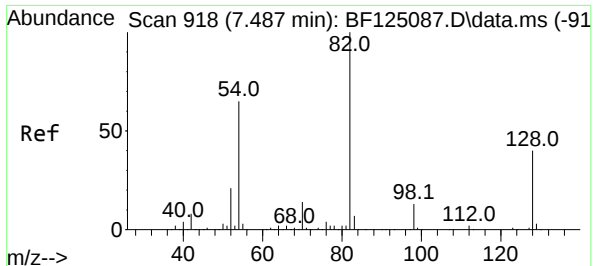
Tgt Ion: 136 Resp: 604758
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 11.1 6.4 9.6#
68 5.9 3.3 4.9#



Instrument :
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OK-03-081821

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#23

Nitrobenzene-d5

Concen: 10.902 ng

RT: 7.475 min Scan# 916

Delta R.T. -0.012 min

Lab File: BF125145.D

Acq: 20 Aug 2021 20:50

Tgt Ion:	82	Resp:	130962
Ion	Ratio	Lower	Upper
82	100		
128	36.7	40.6	60.8#
54	66.2	49.6	74.4

Instrument :

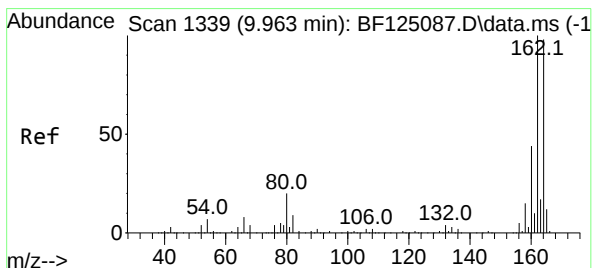
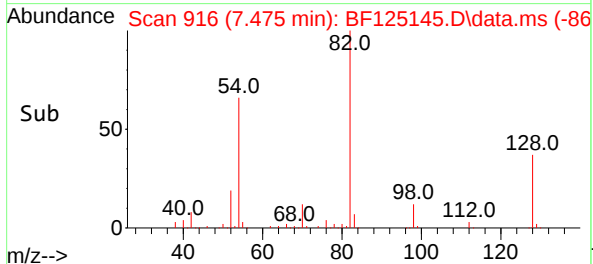
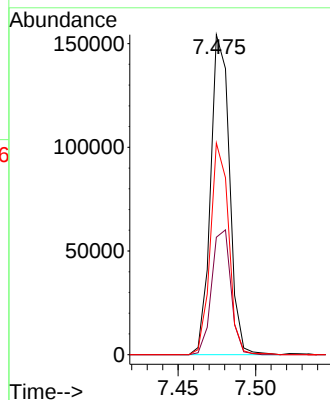
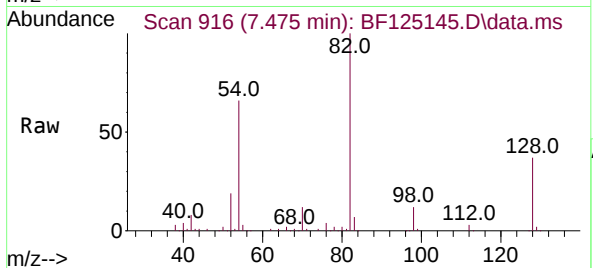
BNA_F

ClientSampleId :

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#39

Acenaphthene-d10

Concen: 20.000 ng

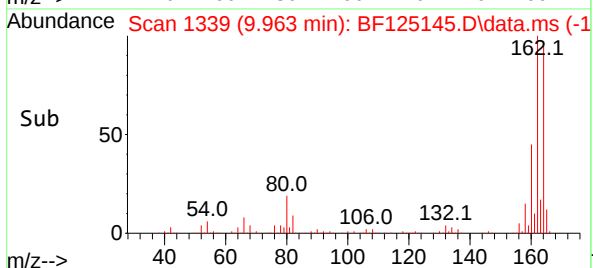
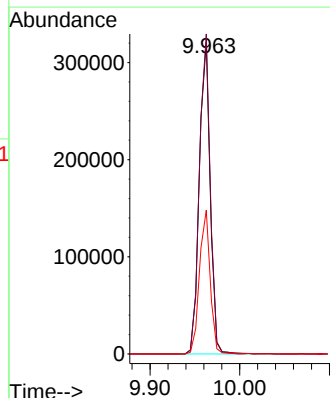
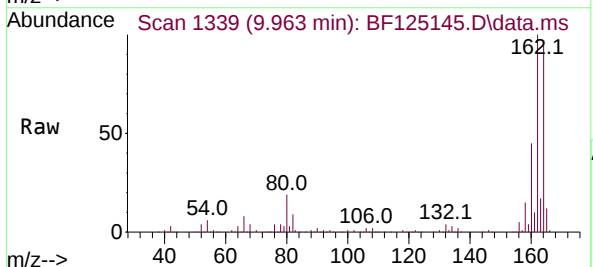
RT: 9.963 min Scan# 1339

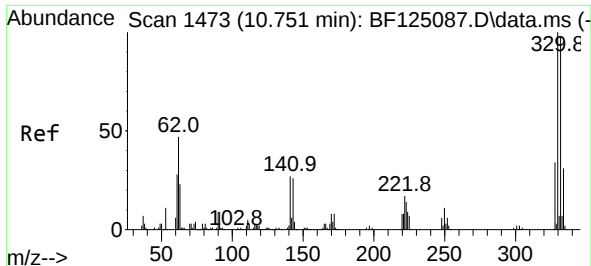
Delta R.T. -0.000 min

Lab File: BF125145.D

Acq: 20 Aug 2021 20:50

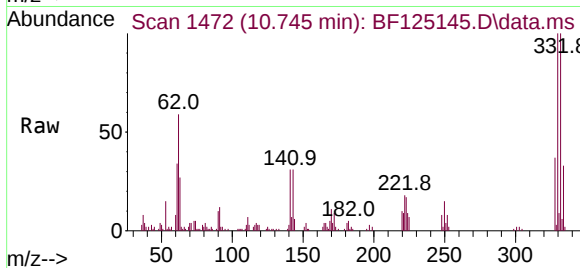
Tgt Ion:	164	Resp:	271010
Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.3	121.9
160	46.1	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 15.359 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50

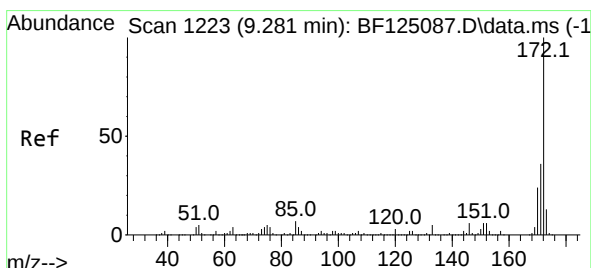
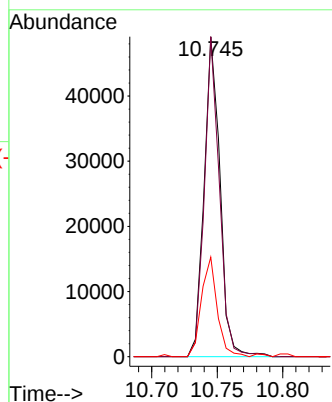
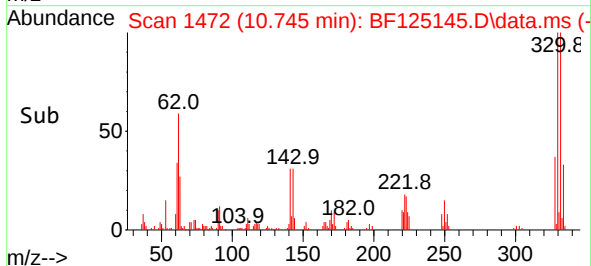
Instrument :
BNA_F
ClientSampleId :
OK-03-081821



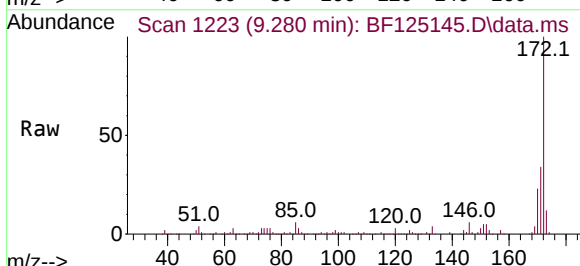
Tgt Ion: 330 Resp: 41550
Ion Ratio Lower Upper
330 100
332 94.4 76.2 114.4
141 30.8 44.6 66.8#

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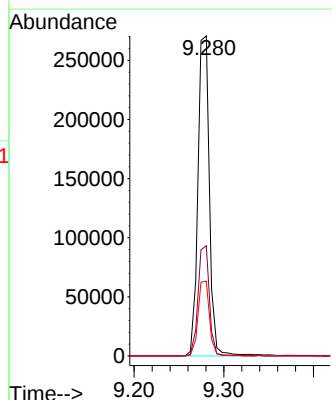
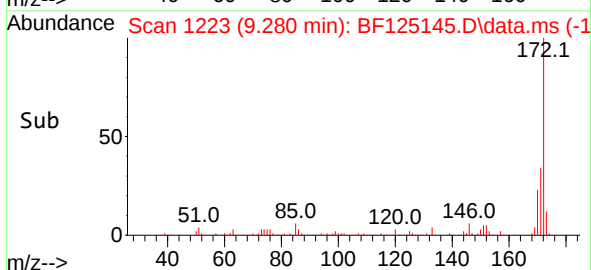
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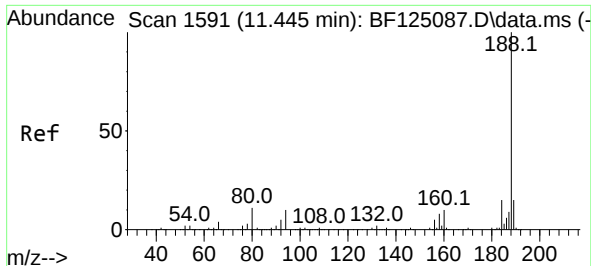


#45
2-Fluorobiphenyl
Concen: 12.432 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50



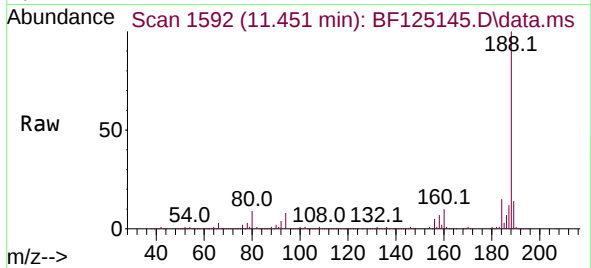
Tgt Ion: 172 Resp: 241732
Ion Ratio Lower Upper
172 100
171 34.5 26.5 39.7
170 23.4 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50

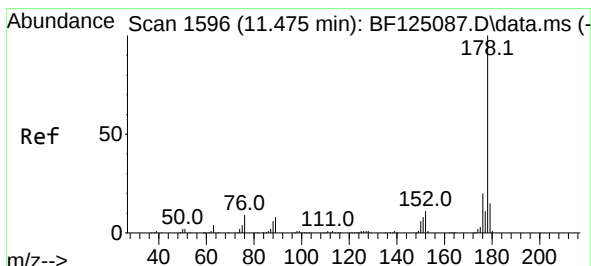
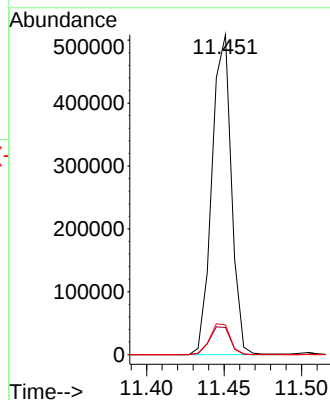
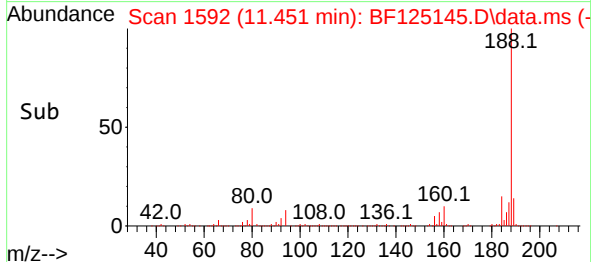
Instrument :
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ClientSampleId :
OK-03-081821



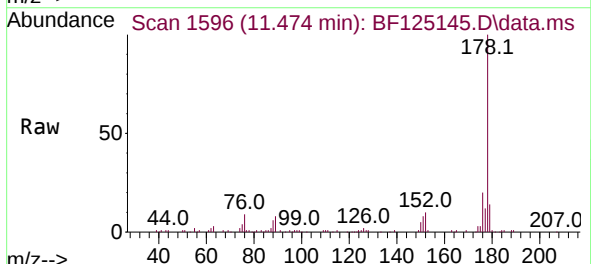
Tgt Ion:188 Resp: 444535
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.3 7.5 11.3

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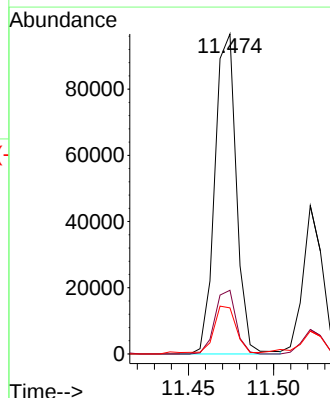
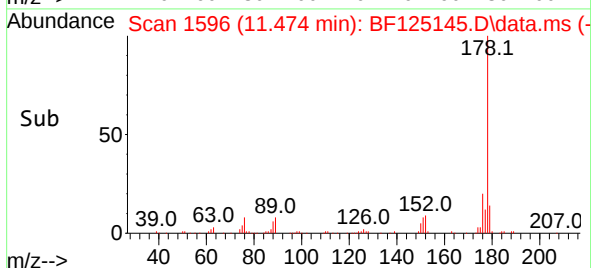
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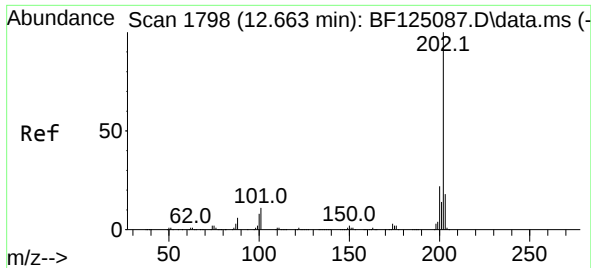


#71
Phenanthrene
Concen: 3.477 ng
RT: 11.474 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50

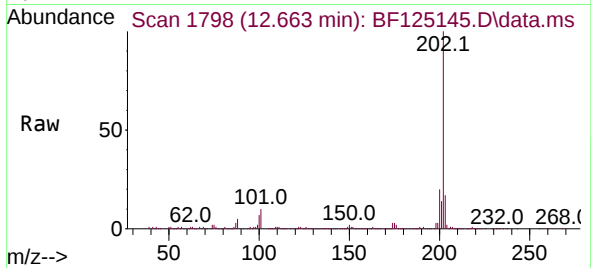


Tgt Ion:178 Resp: 85156
Ion Ratio Lower Upper
178 100
176 19.9 14.7 22.1
179 14.4 11.5 17.3

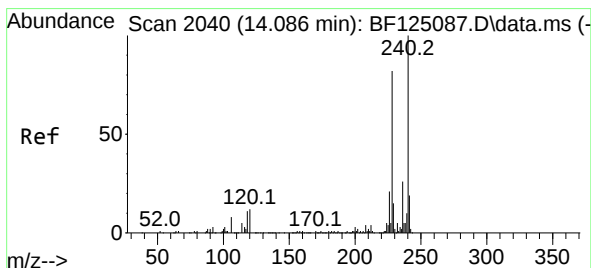
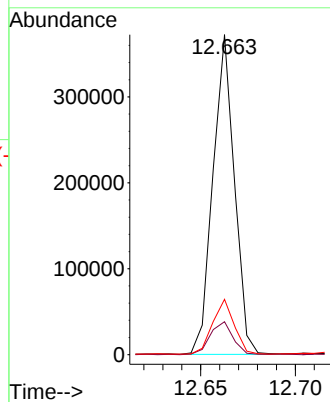
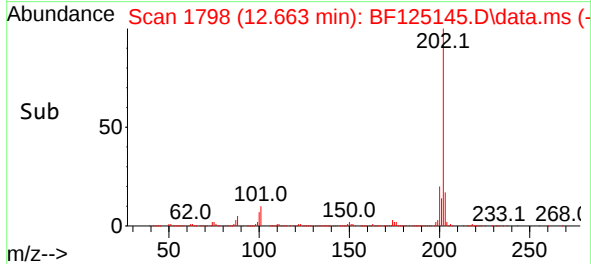




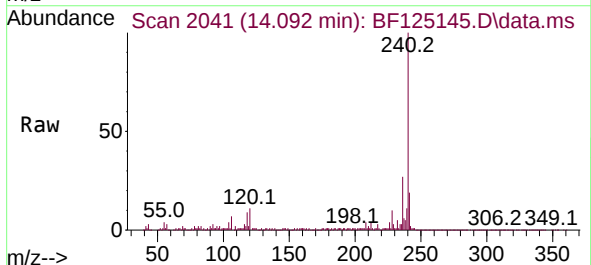
#75
Fluoranthene
Concen: 12.110 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50



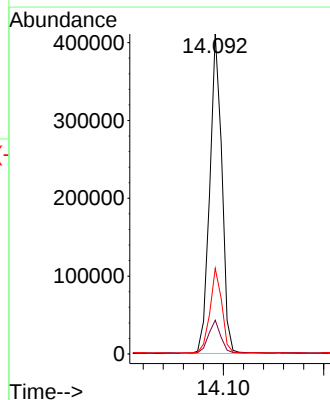
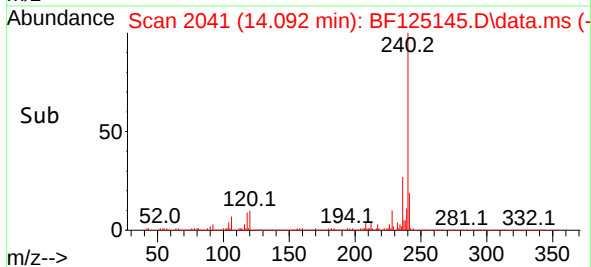
Tgt Ion:202 Resp: 294329
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.7
203 17.3 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. 0.006 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50



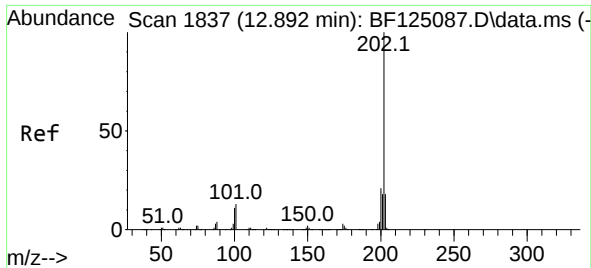
Tgt Ion:240 Resp: 346854
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 26.8 21.6 32.4



Instrument :
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OK-03-081821

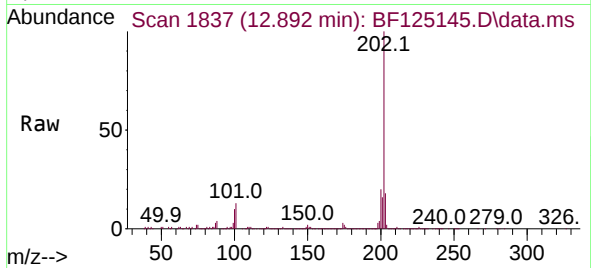
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#78
Pyrene
Concen: 10.025 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50

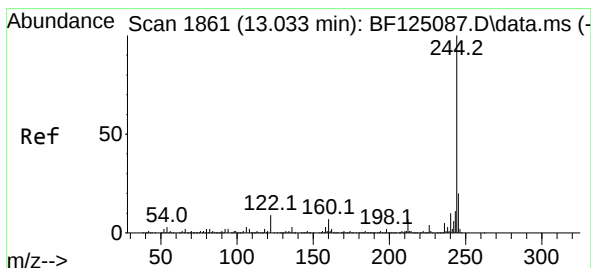
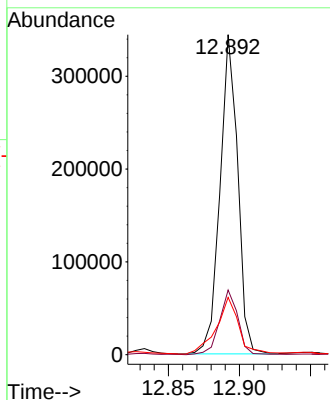
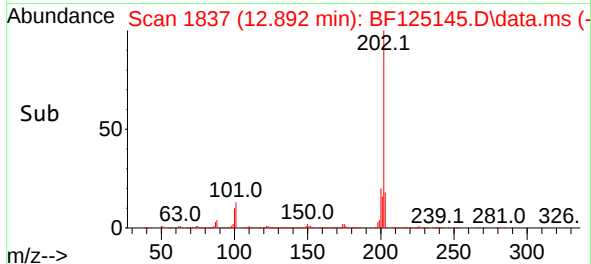
Instrument :
BNA_F
ClientSampleId :
OK-03-081821



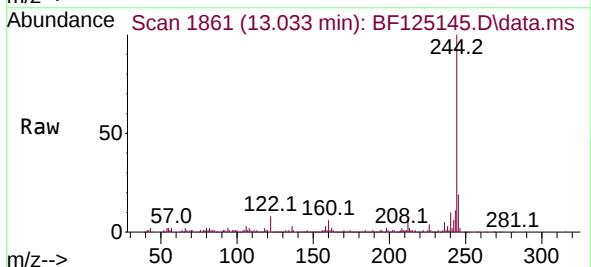
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.3	22.9
203	17.9	13.4	20.0

Manual Integrations
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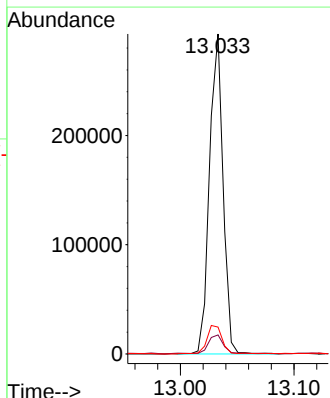
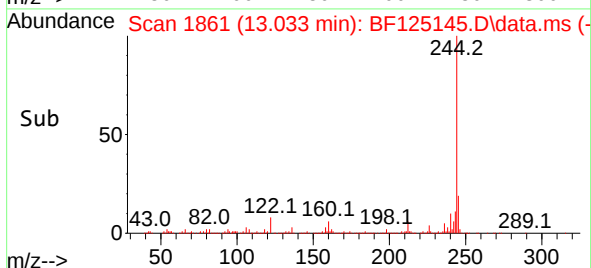
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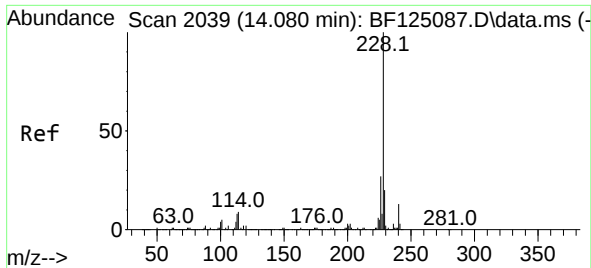


#79
Terphenyl-d14
Concen: 11.149 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50



Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.9	8.9
122	8.4	9.0	13.4#





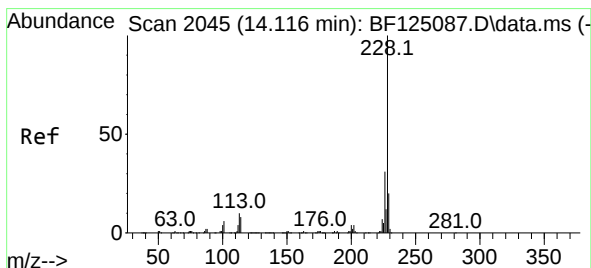
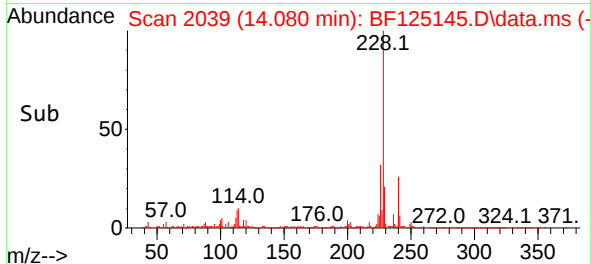
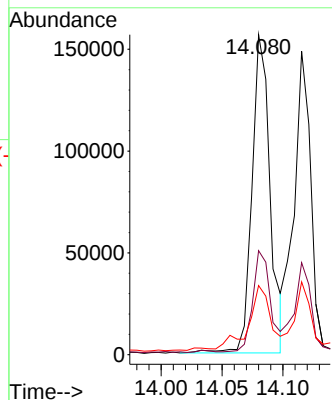
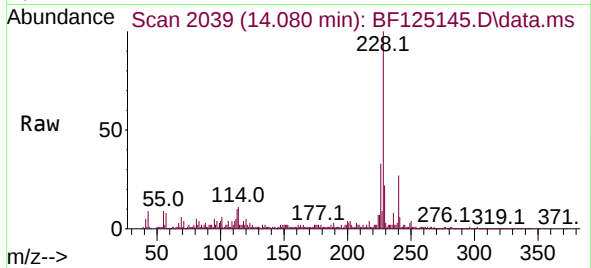
#81
Benzo(a)anthracene
Concen: 6.490 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50

Tgt Ion:228 Resp: 162197
Ion Ratio Lower Upper
228 100
226 32.5 21.6 32.4#
229 21.6 15.6 23.4

Instrument :
BNA_F
ClientSampleId :
OK-03-081821

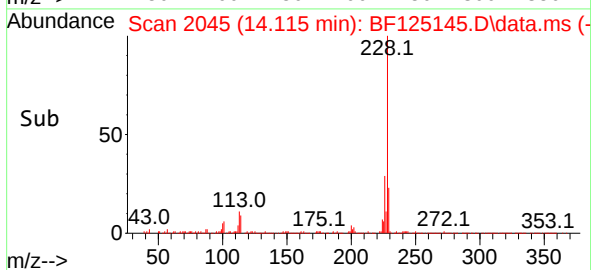
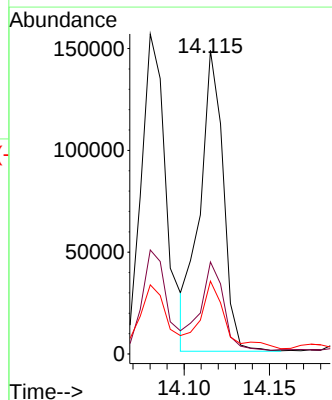
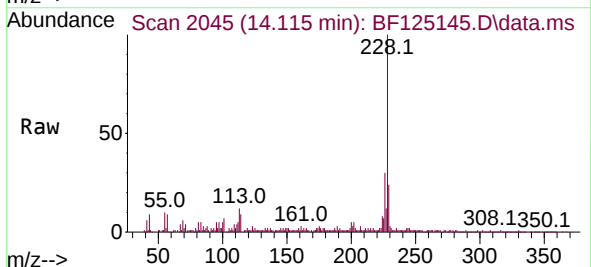
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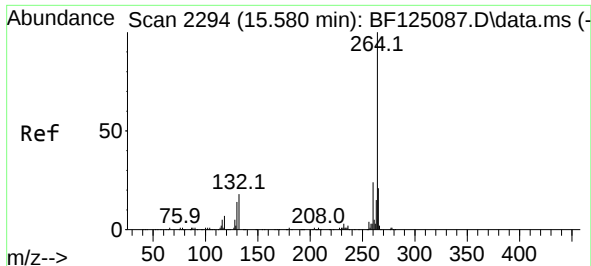
mohammad
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#83
Chrysene
Concen: 5.726 ng m
RT: 14.115 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50

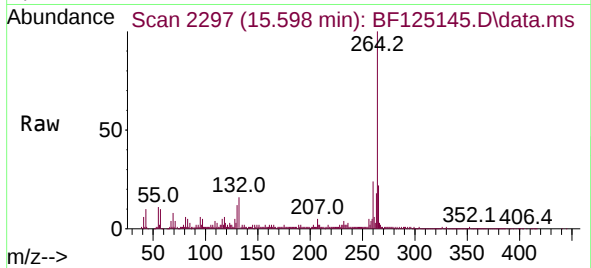
Tgt Ion:228 Resp: 141524
Ion Ratio Lower Upper
228 100
226 30.3 22.6 34.0
229 24.0 15.9 23.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2297
Delta R.T. 0.018 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50

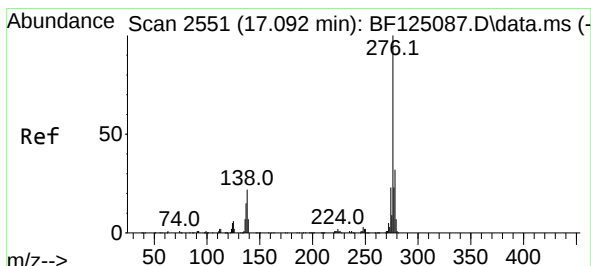
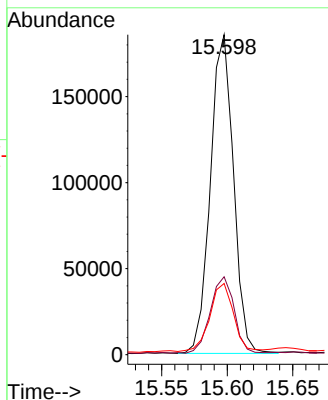
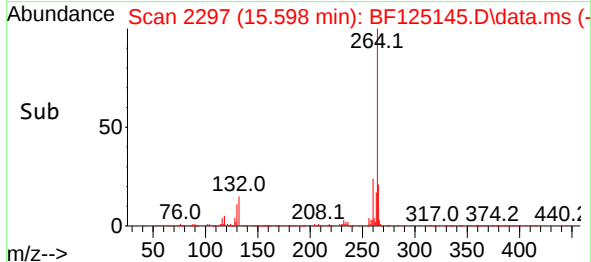
Instrument :
BNA_F
ClientSampleId :
OK-03-081821



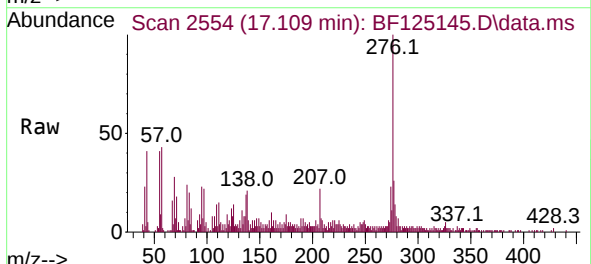
Tgt Ion:264 Resp: 226787
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 22.2 17.2 25.8

Manual Integrations
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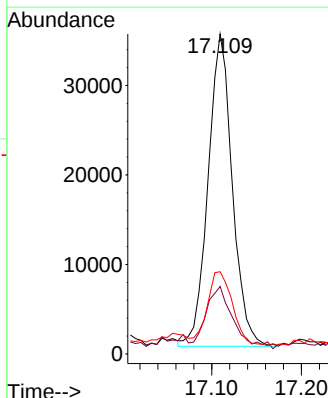
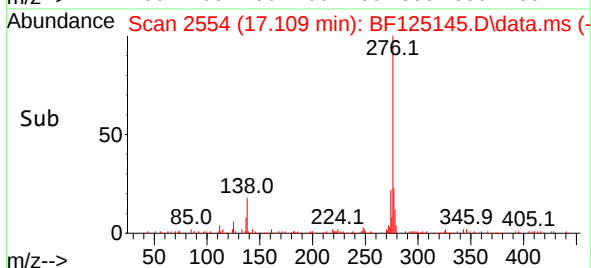
mohammad
8/23/2021 12:26:21 PM

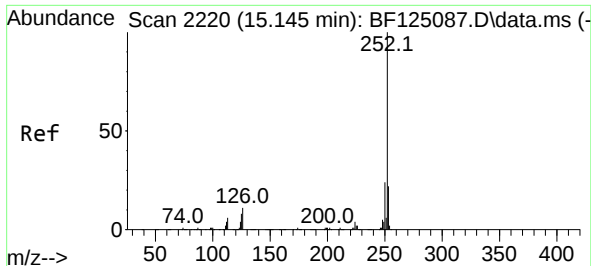


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.005 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.018 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50



Tgt Ion:276 Resp: 65439
Ion Ratio Lower Upper
276 100
138 22.3 24.1 36.1#
277 24.9 18.8 28.2





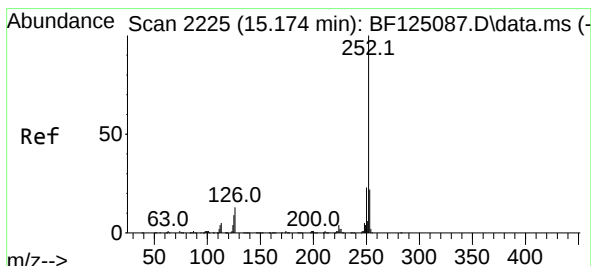
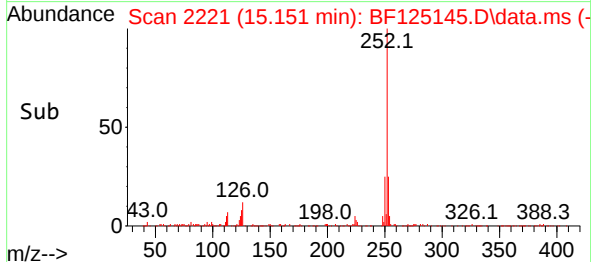
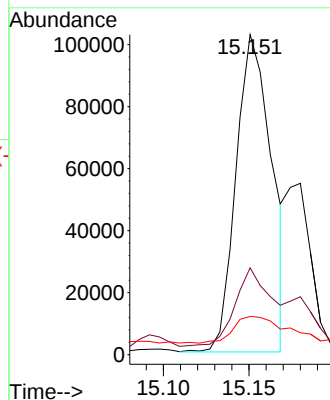
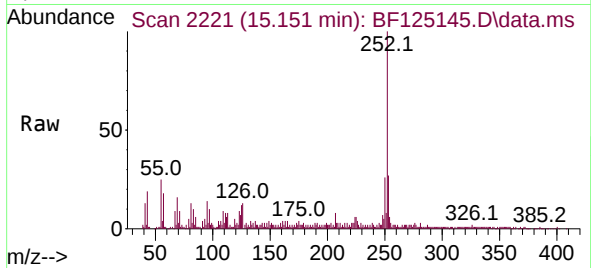
#88
Benzo(b)fluoranthene
Concen: 8.964 ng m
RT: 15.151 min Scan# 2221
Delta R.T. 0.006 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50

Tgt Ion:252 Resp: 148522
Ion Ratio Lower Upper
252 100
253 27.1 16.8 25.2#
125 12.0 9.8 14.8

Instrument :
BNA_F
ClientSampleId :
OK-03-081821

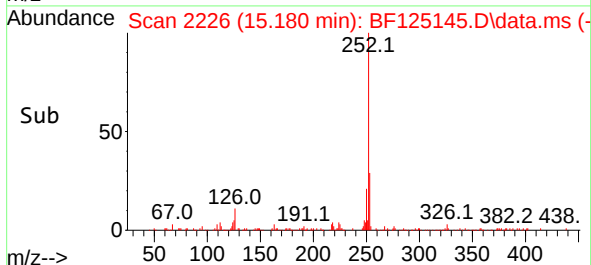
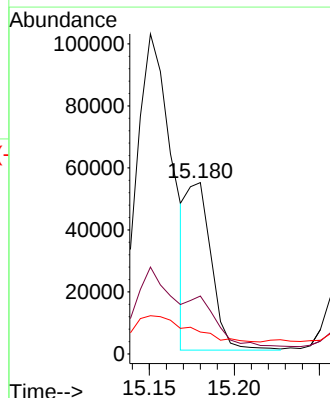
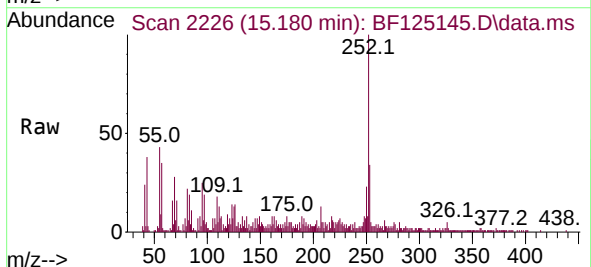
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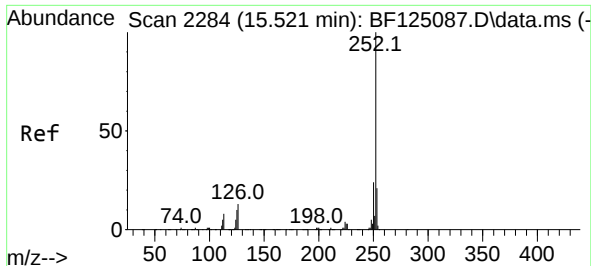
mohammad
8/23/2021 12:26:21 PM



#89
Benzo(k)fluoranthene
Concen: 3.504 ng m
RT: 15.180 min Scan# 2226
Delta R.T. 0.006 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50

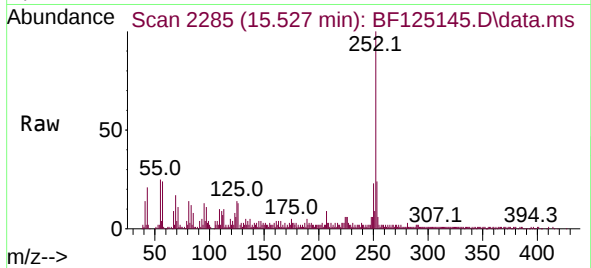
Tgt Ion:252 Resp: 54177
Ion Ratio Lower Upper
252 100
253 33.8 17.8 26.8#
125 12.8 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 7.153 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50

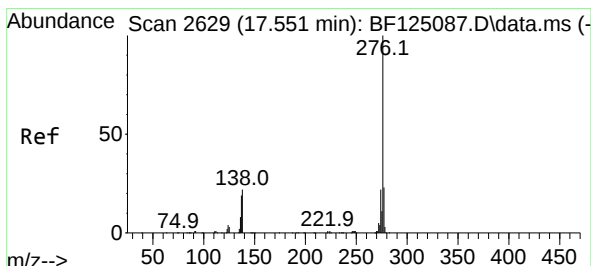
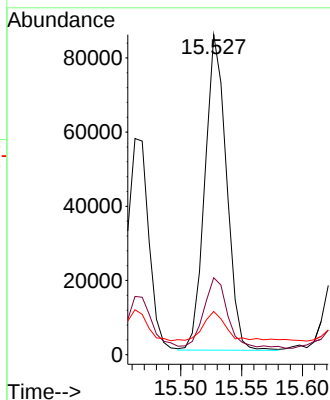
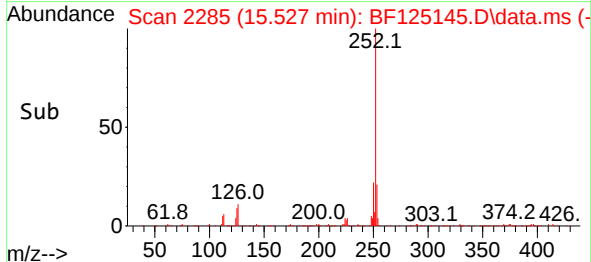
Instrument :
BNA_F
ClientSampleId :
OK-03-081821



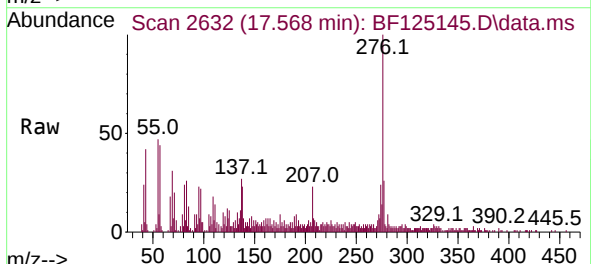
Tgt Ion:252 Resp: 104689
Ion Ratio Lower Upper
252 100
253 24.0 18.4 27.6
125 13.5 9.9 14.9

Manual Integrations
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8/23/2021 12:26:21 PM



#92
Benzo(g,h,i)perylene
Concen: 4.756 ng
RT: 17.568 min Scan# 2632
Delta R.T. 0.018 min
Lab File: BF125145.D
Acq: 20 Aug 2021 20:50



Tgt Ion:276 Resp: 64770
Ion Ratio Lower Upper
276 100
277 25.9 22.0 33.0
138 22.8 22.2 33.4

