

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127020.D
 Acq On : 22 Feb 2022 20:46
 Operator : CG\JU
 Sample : N1626-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-B6

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/23/2022
 Supervised By : Jagrut Upadhyay 02/23/2022

Quant Time: Feb 22 23:59:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	76808	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	280866	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	117892	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	167281	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	127038	20.000	ng	# 0.01
86) Perylene-d12	15.627	264	99030	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	202737	40.796	ng	0.00
7) Phenol-d6	6.545	99	493825	73.643	ng	0.00
23) Nitrobenzene-d5	7.486	82	560234	90.034	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	33859	24.945	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	833040	104.024	ng	0.00
79) Terphenyl-d14	13.045	244	702380	81.277	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.480	178	39265	4.194	ng	98
75) Fluoranthene	12.674	202	81696	9.189	ng	91
78) Pyrene	12.904	202	67523	6.118	ng	97
81) Benzo(a)anthracene	14.098	228	37291	4.354	ng	# 94
83) Chrysene	14.133	228	47147m	5.854	ng	
87) Indeno(1,2,3-cd)pyrene	17.156	276	21315	3.283	ng	94
88) Benzo(b)fluoranthene	15.174	252	55765m	8.384	ng	
89) Benzo(k)fluoranthene	15.198	252	18736m	2.921	ng	
90) Benzo(a)pyrene	15.557	252	27122	5.221	ng	# 1
92) Benzo(g,h,i)perylene	17.627	276	21724	4.103	ng	# 85

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

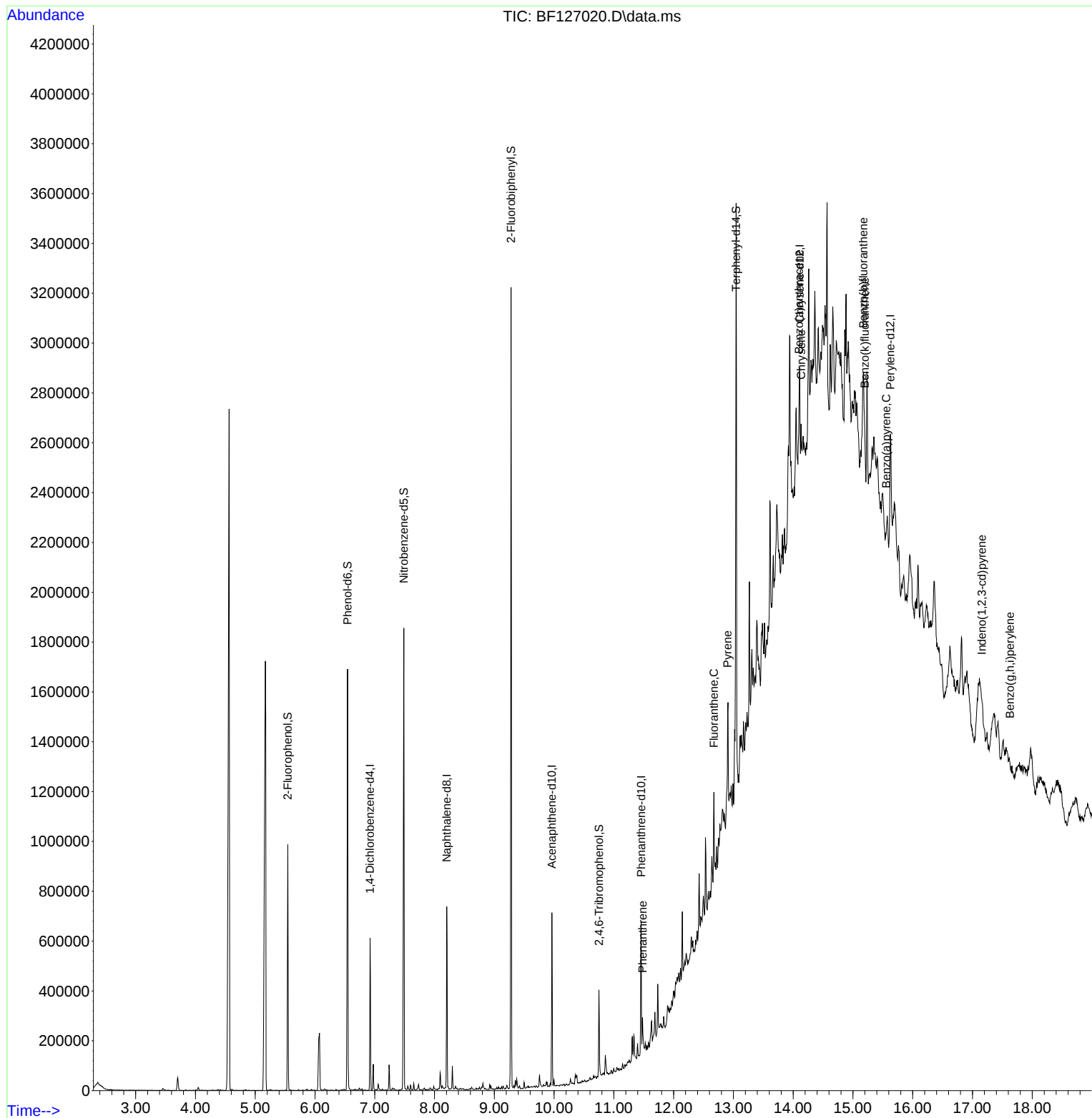
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
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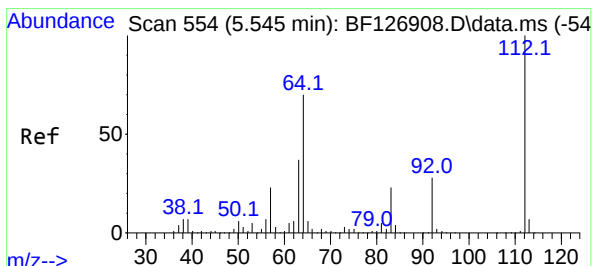
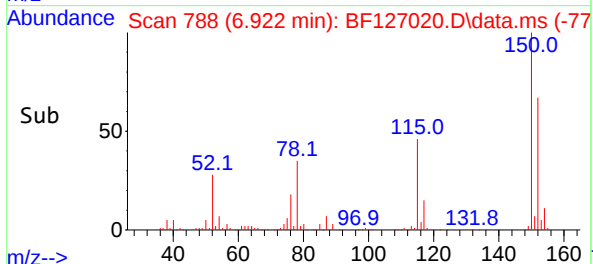
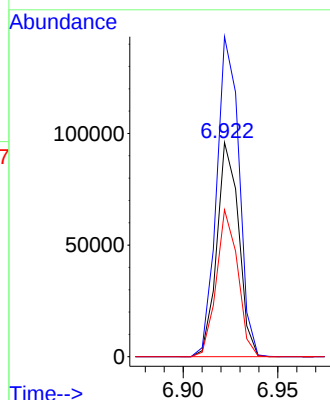
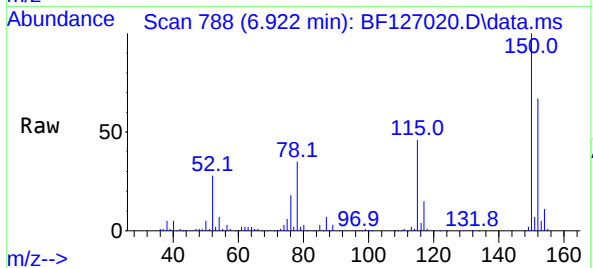
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 76808
Ion Ratio Lower Upper
152 100
150 149.4 128.1 192.1
115 68.6 56.7 85.1

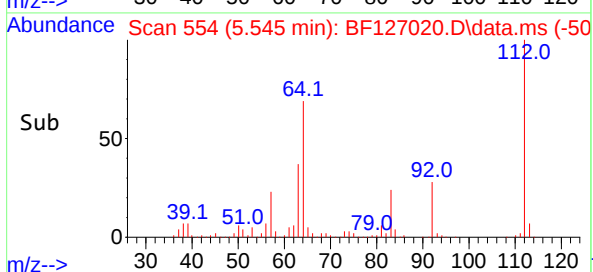
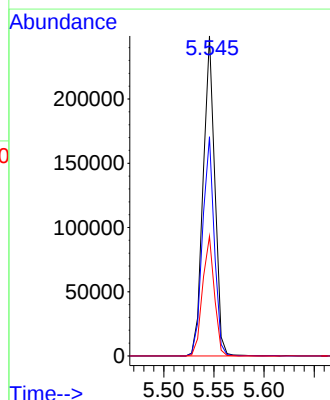
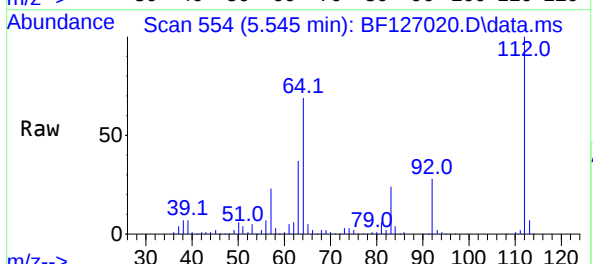
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#5
2-Fluorophenol
Concen: 40.796 ng
RT: 5.545 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

Tgt Ion:112 Resp: 202737
Ion Ratio Lower Upper
112 100
64 68.5 49.5 74.3
63 37.4 23.9 35.9#





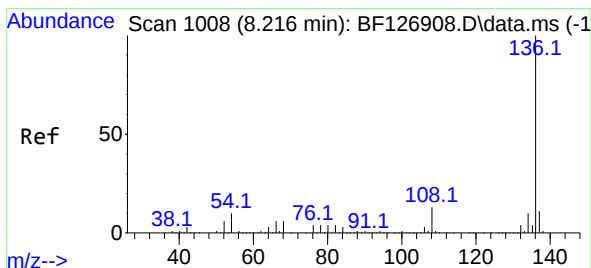
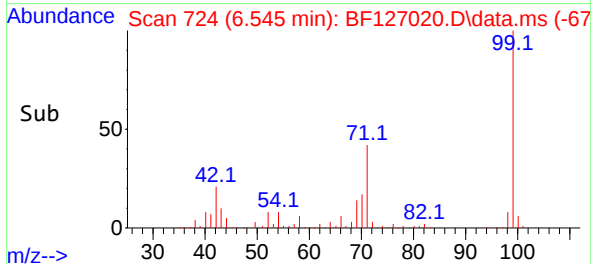
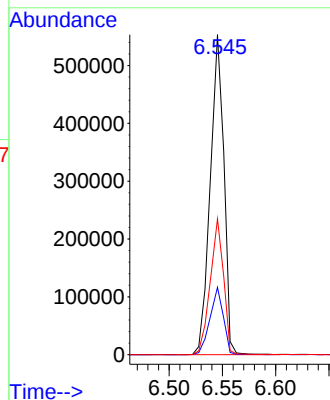
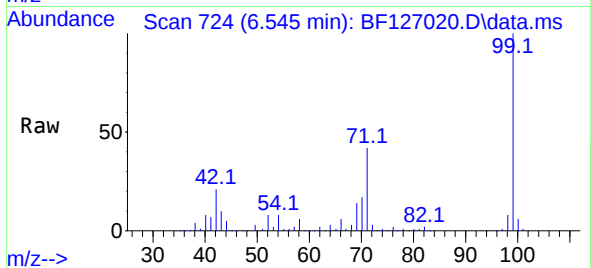
#7
Phenol-d6
Concen: 73.643 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

Instrument :
BNA_F
ClientSampleId :
CC-B6

Tgt Ion: 99 Resp: 493825
Ion Ratio Lower Upper
99 100
42 21.1 14.2 21.4
71 42.4 24.3 36.5

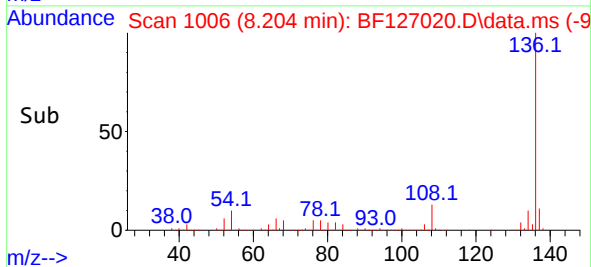
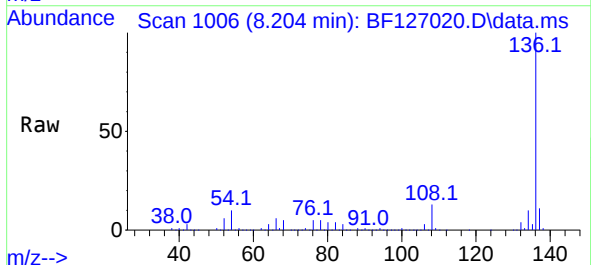
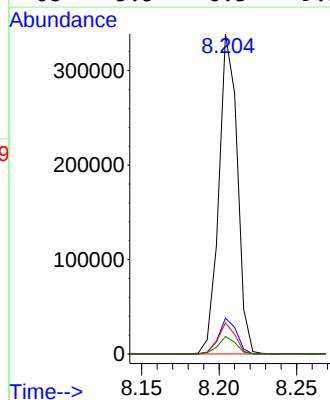
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

Tgt Ion:136 Resp: 280866
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.7 7.8 11.6
68 5.5 6.3 9.5





#23

Nitrobenzene-d5

Concen: 90.034 ng

RT: 7.486 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127020.D

Acq: 22 Feb 2022 20:46

Instrument :

BNA_F

ClientSampleId :

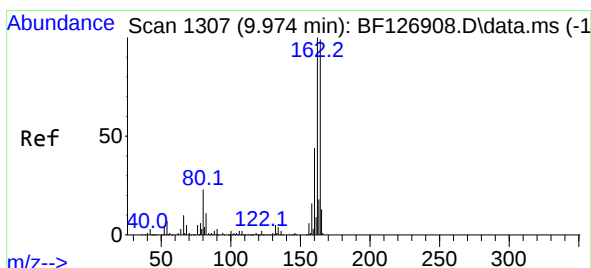
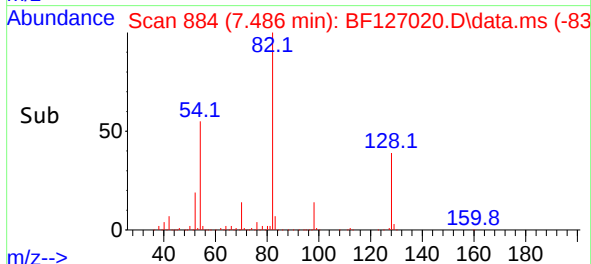
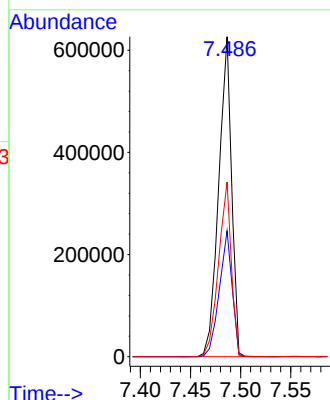
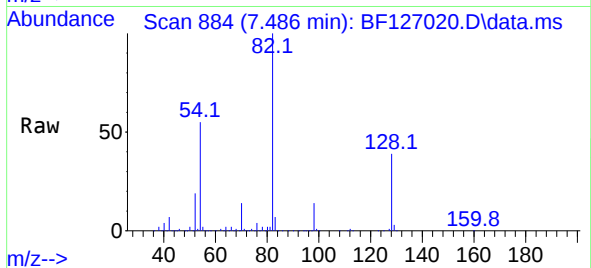
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Tgt Ion: 82 Resp: 560234
 Ion Ratio Lower Upper
 82 100
 128 39.4 32.7 49.1
 54 54.5 41.7 62.5

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#39

Acenaphthene-d10

Concen: 20.000 ng

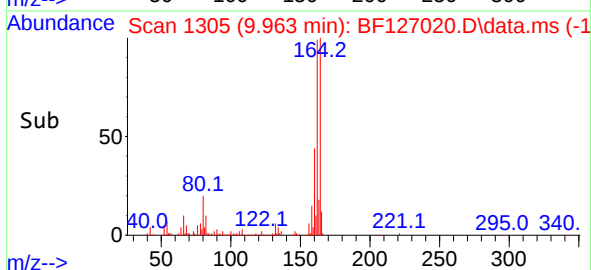
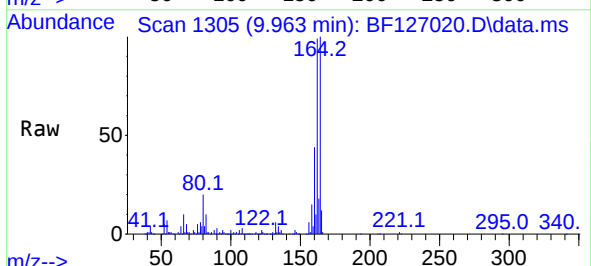
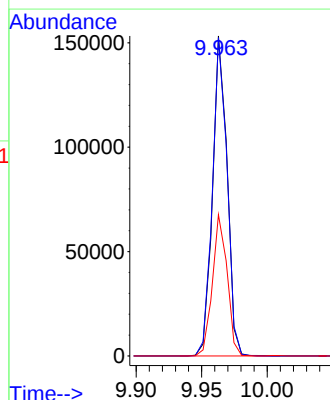
RT: 9.963 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BF127020.D

Acq: 22 Feb 2022 20:46

Tgt Ion:164 Resp: 117892
 Ion Ratio Lower Upper
 164 100
 162 99.5 81.4 122.0
 160 44.2 36.6 54.8





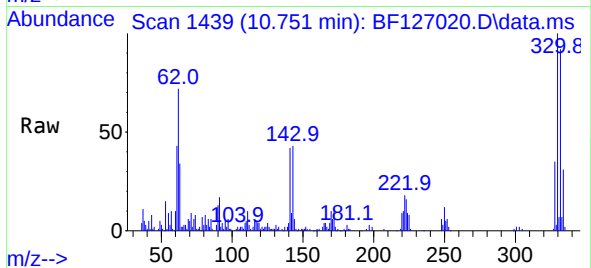
#42
2,4,6-Tribromophenol
Concen: 24.945 ng
RT: 10.751 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

Instrument :

BNA_F

ClientSampleId :

CC-B6

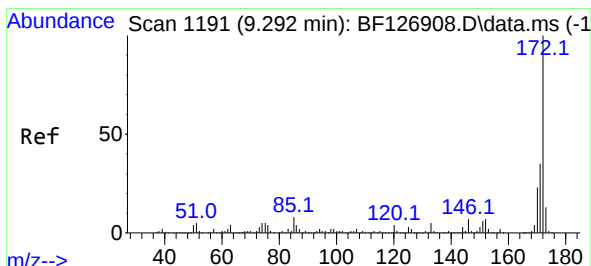
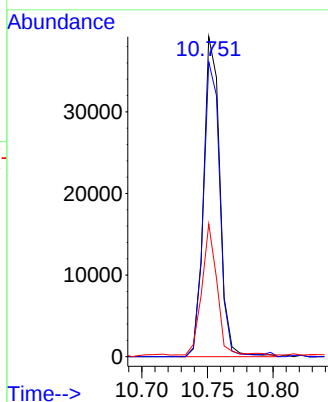
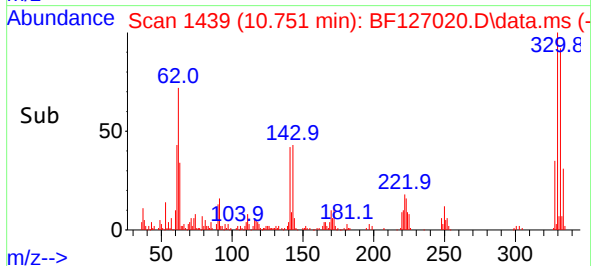


Tgt Ion:330 Resp: 3385
Ion Ratio Lower Upper
330 100
332 93.2 76.0 114.0
141 38.2 30.1 45.1

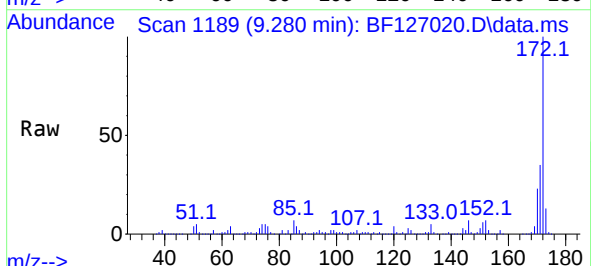
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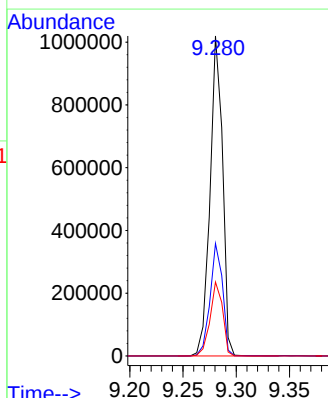
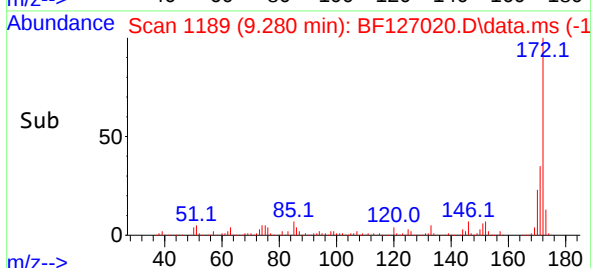
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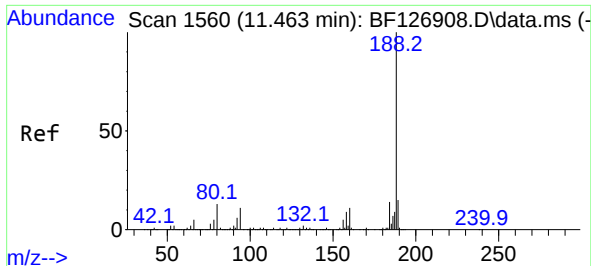


#45
2-Fluorobiphenyl
Concen: 104.024 ng
RT: 9.280 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46



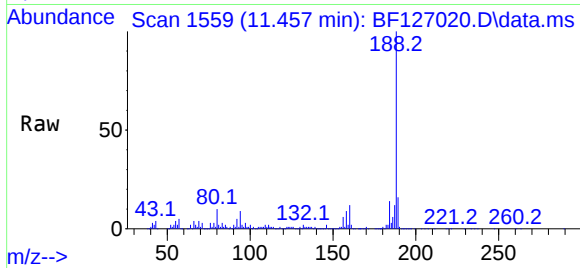
Tgt Ion:172 Resp: 833040
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.1 19.0 28.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

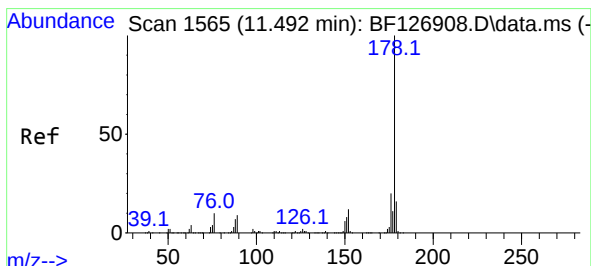
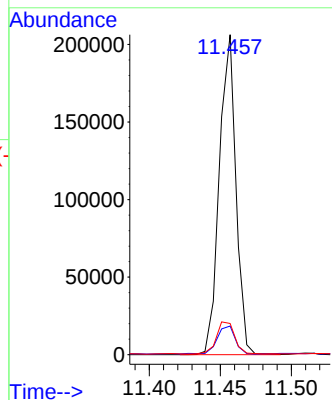
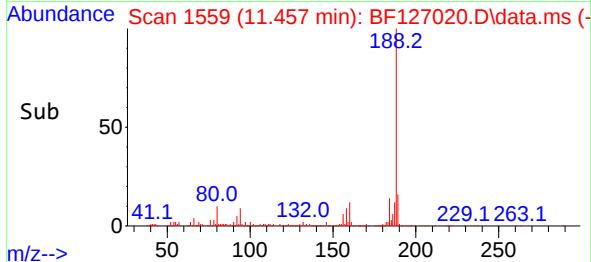
Instrument :
BNA_F
ClientSampleId :
CC-B6



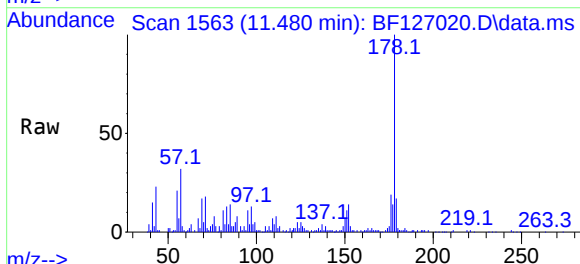
Tgt Ion:188 Resp: 16728
Ion Ratio Lower Upper
188 100
94 9.0 10.1 15.1
80 9.8 11.8 17.6

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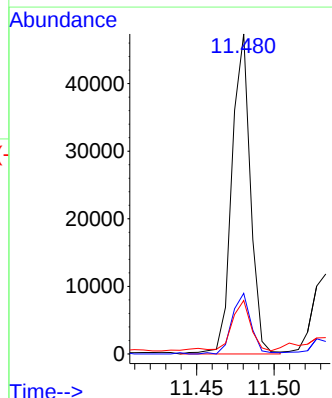
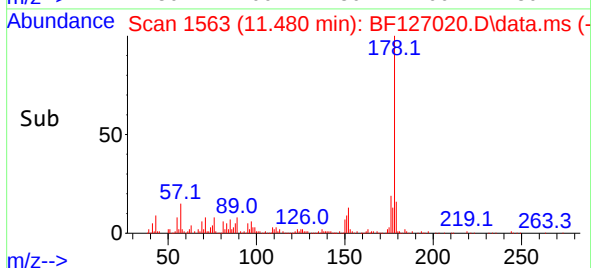
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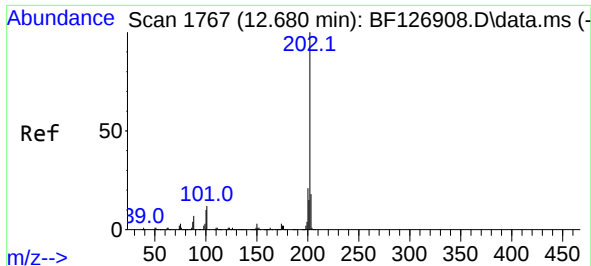


#71
Phenanthrene
Concen: 4.194 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.000 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46



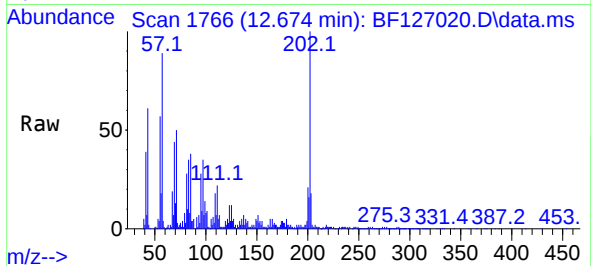
Tgt Ion:178 Resp: 39265
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 16.7 12.3 18.5





#75
Fluoranthene
Concen: 9.189 ng
RT: 12.674 min Scan# 1766
Delta R.T. 0.006 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

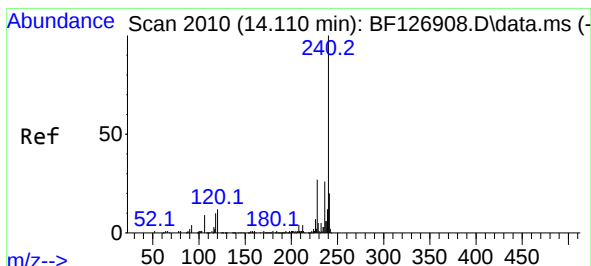
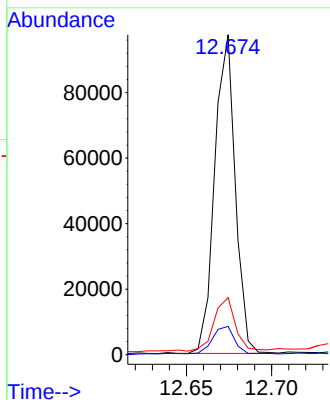
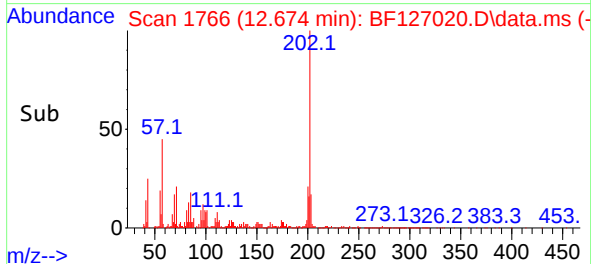
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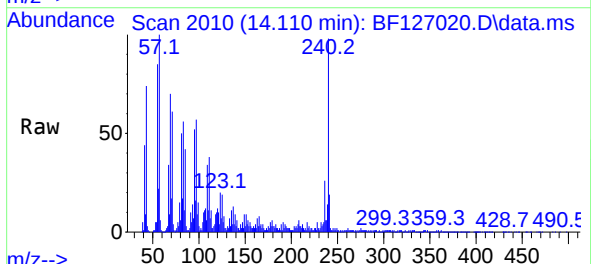
Tgt Ion:202 Resp: 81690
Ion Ratio Lower Upper
202 100
101 8.9 0.0 35.7
203 17.8 0.0 37.1

Manual Integrations
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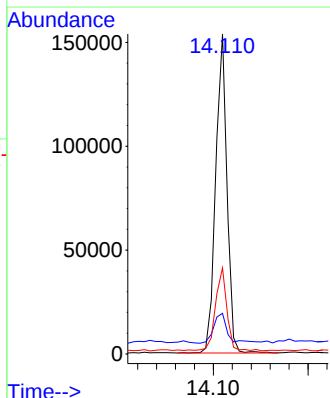
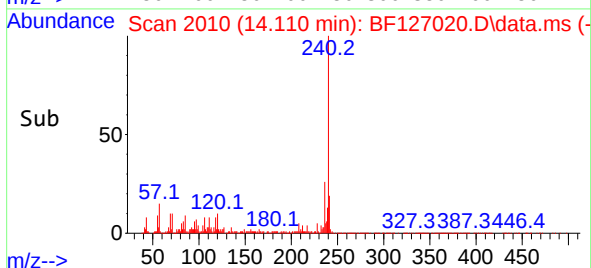
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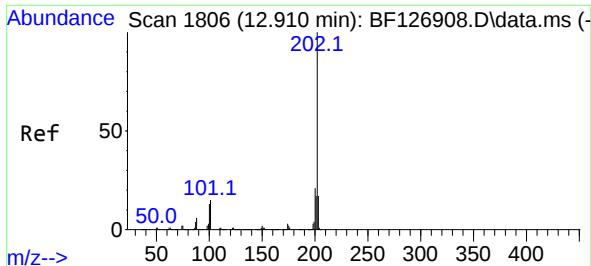


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. 0.012 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46



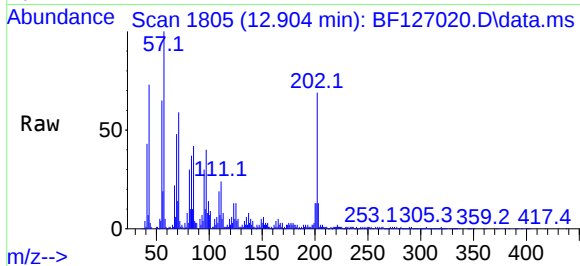
Tgt Ion:240 Resp: 127038
Ion Ratio Lower Upper
240 100
120 12.7 14.4 21.6#
236 26.9 20.5 30.7





#78
Pyrene
Concen: 6.118 ng
RT: 12.904 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

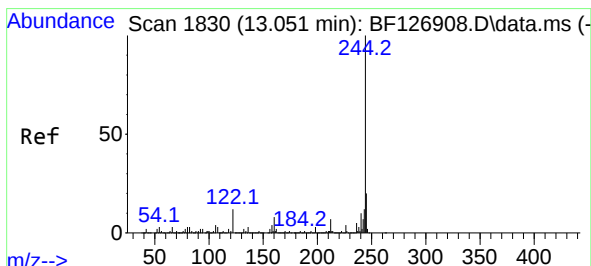
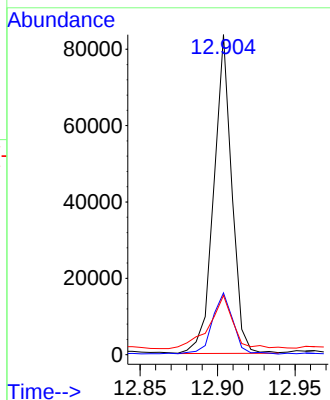
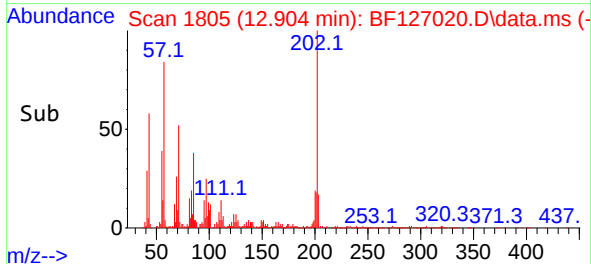
Instrument :
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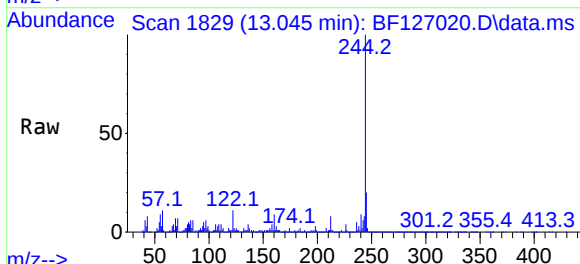
Tgt Ion:202 Resp: 6752
Ion Ratio Lower Upper
202 100
200 19.3 16.6 24.8
203 18.5 13.8 20.8

Manual Integrations
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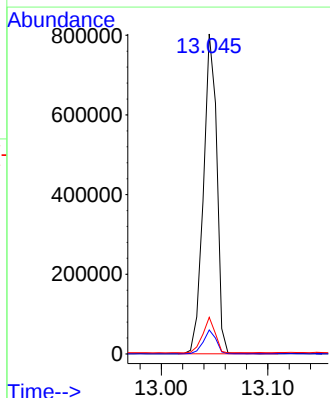
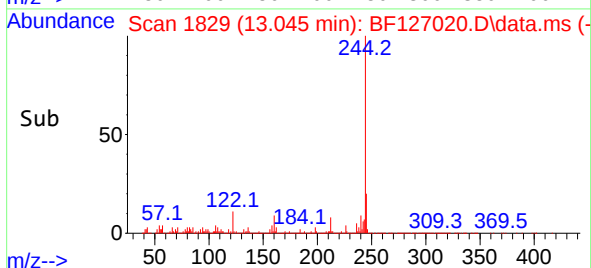
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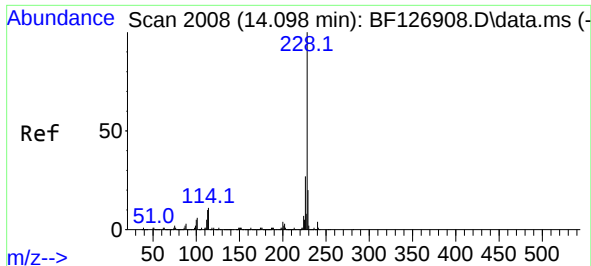


#79
Terphenyl-d14
Concen: 81.277 ng
RT: 13.045 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46



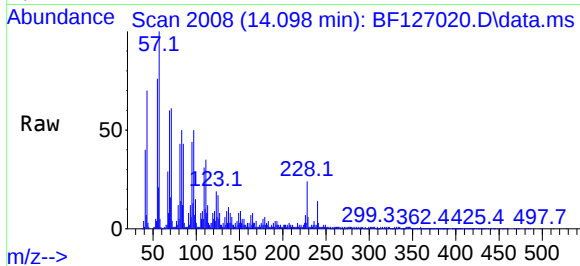
Tgt Ion:244 Resp: 702380
Ion Ratio Lower Upper
244 100
212 7.5 5.0 7.4#
122 11.4 13.3 19.9#





#81
Benzo(a)anthracene
Concen: 4.354 ng
RT: 14.098 min Scan# 2008
Delta R.T. 0.012 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

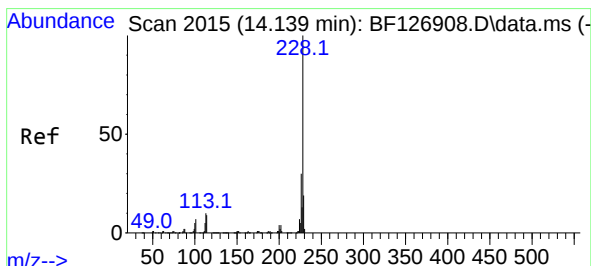
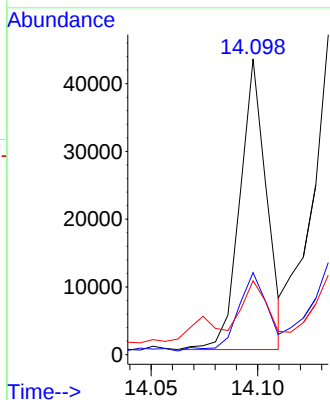
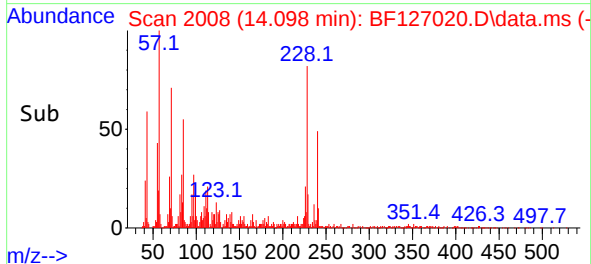
Instrument :
BNA_F
ClientSampleId :
CC-B6



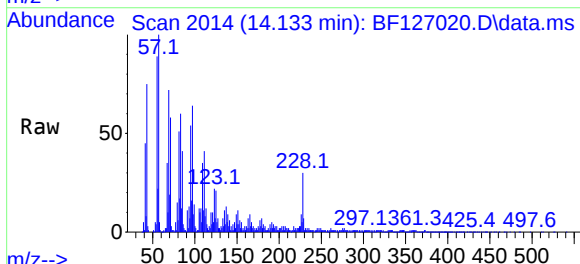
Tgt Ion:228 Resp: 3729
Ion Ratio Lower Upper
228 100
226 27.7 21.4 32.0
229 25.0 15.4 23.2

Manual Integrations
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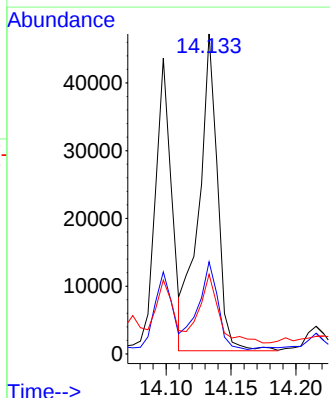
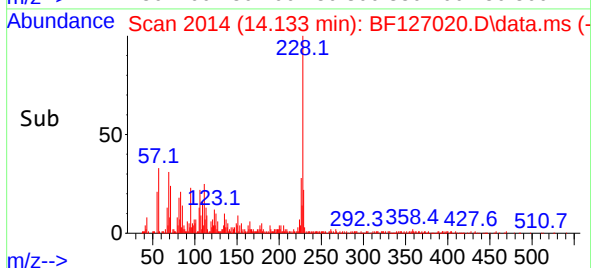
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

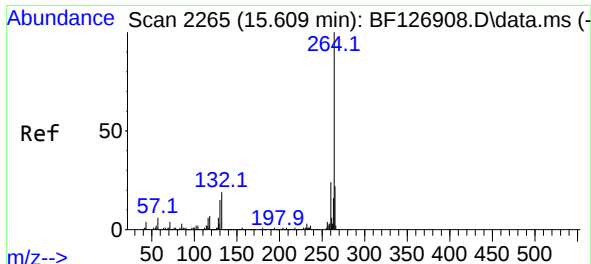


#83
Chrysene
Concen: 5.854 ng m
RT: 14.133 min Scan# 2014
Delta R.T. 0.012 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46



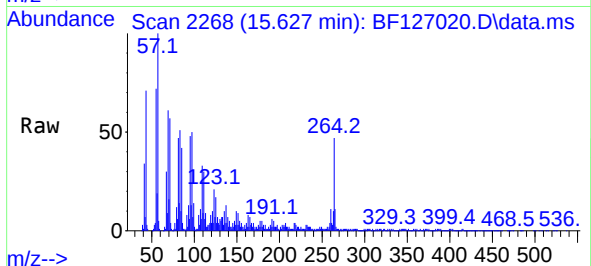
Tgt Ion:228 Resp: 47147
Ion Ratio Lower Upper
228 100
226 28.8 23.7 35.5
229 24.9 15.5 23.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

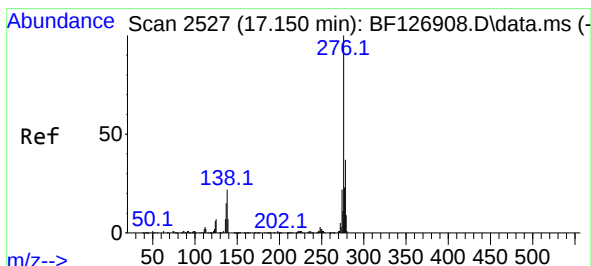
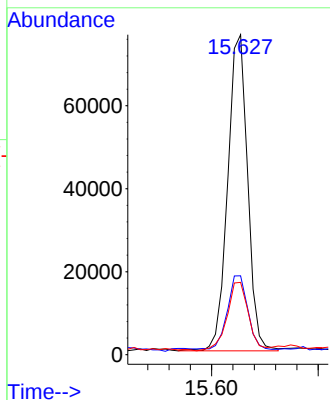
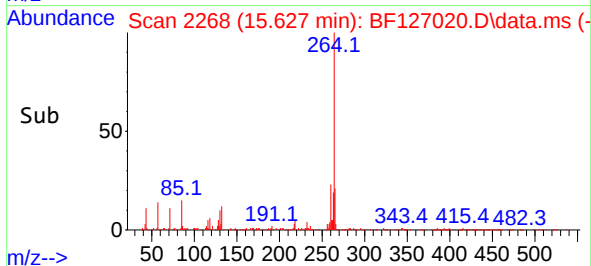
Instrument :
BNA_F
ClientSampleId :
CC-B6



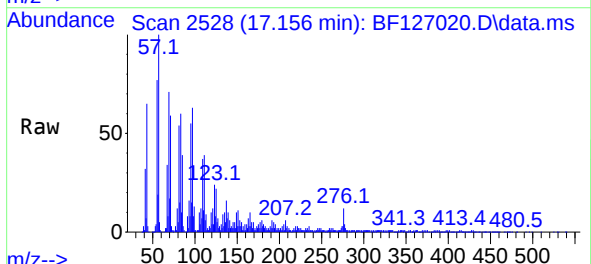
Tgt Ion:264 Resp: 99030
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 22.6 17.4 26.2

Manual Integrations
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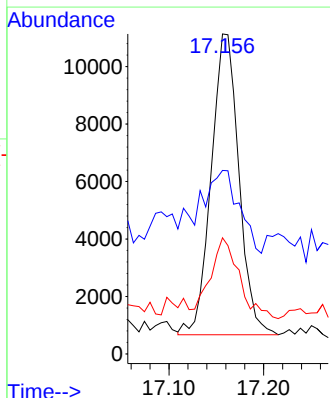
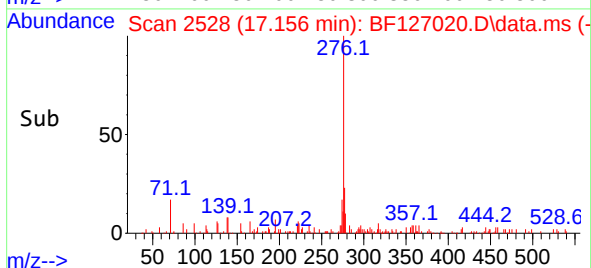
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

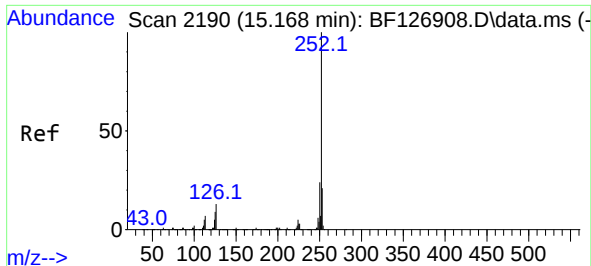


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.283 ng
RT: 17.156 min Scan# 2528
Delta R.T. 0.041 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46



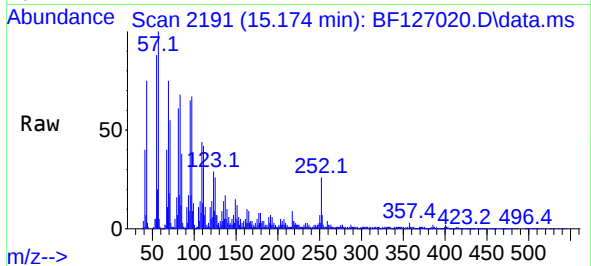
Tgt Ion:276 Resp: 21315
Ion Ratio Lower Upper
276 100
138 33.8 29.2 43.8
277 28.3 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 8.384 ng m
RT: 15.174 min Scan# 2191
Delta R.T. 0.023 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

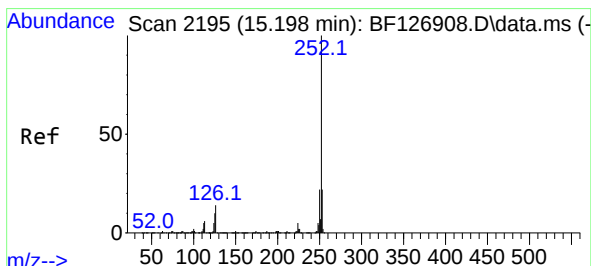
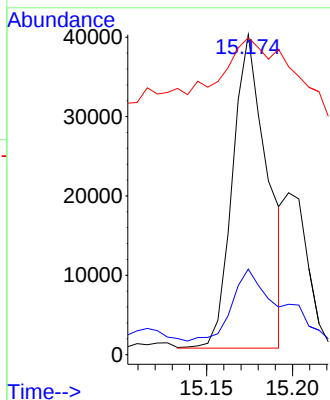
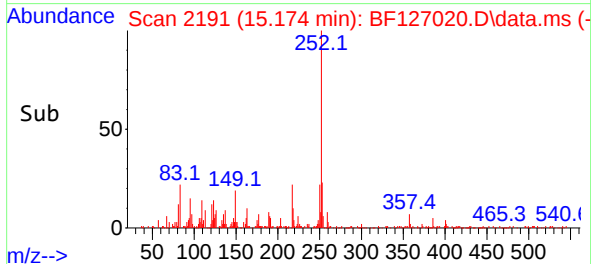
Instrument :
BNA_F
ClientSampleId :
CC-B6



Tgt Ion:252 Resp: 5576
Ion Ratio Lower Upper
252 100
253 26.8 17.8 26.8#
125 99.0 12.4 18.6#

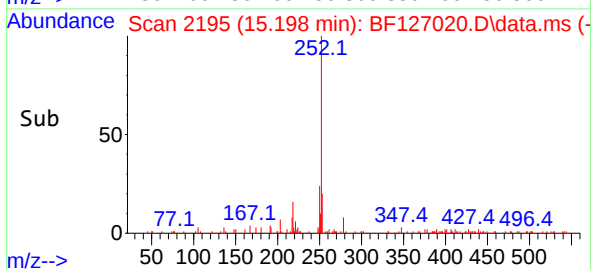
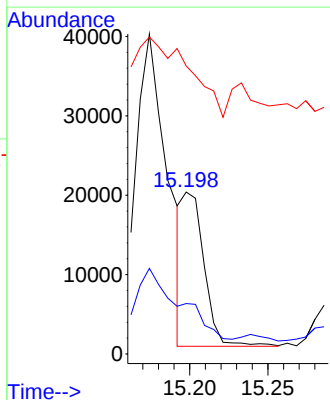
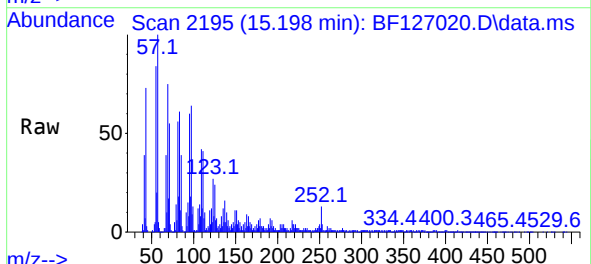
Manual Integrations
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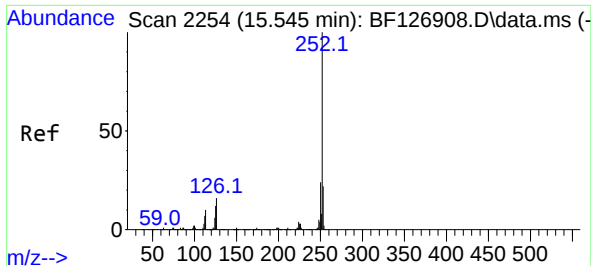
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#89
Benzo(k)fluoranthene
Concen: 2.921 ng m
RT: 15.198 min Scan# 2195
Delta R.T. 0.018 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

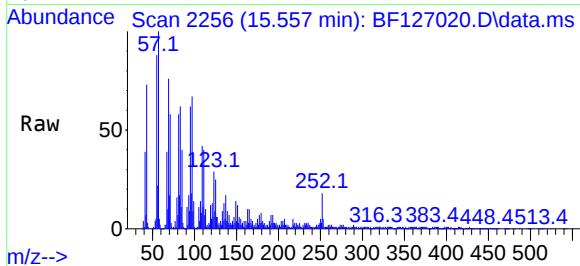
Tgt Ion:252 Resp: 18736
Ion Ratio Lower Upper
252 100
253 31.2 17.5 26.3#
125 177.8 11.8 17.6#





#90
Benzo(a)pyrene
Concen: 5.221 ng
RT: 15.557 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

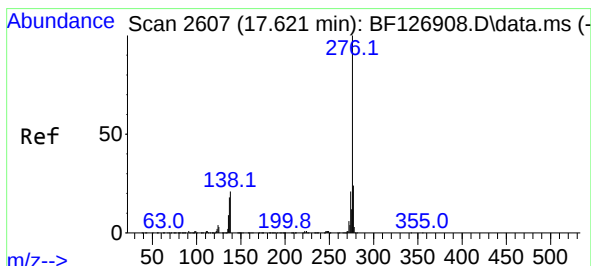
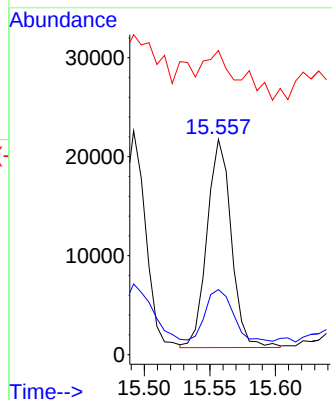
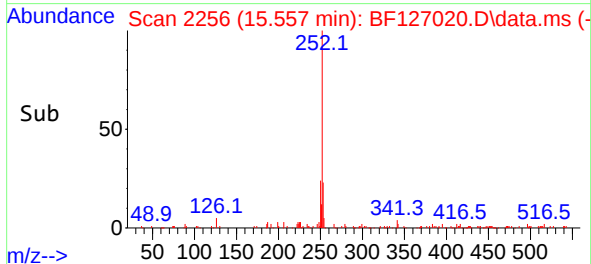
Instrument :
BNA_F
ClientSampleId :
CC-B6



Tgt Ion:252 Resp: 2712
Ion Ratio Lower Upper
252 100
253 30.3 17.1 25.7
125 141.3 13.0 19.6

Manual Integrations
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Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#92
Benzo(g,h,i)perylene
Concen: 4.103 ng
RT: 17.627 min Scan# 2608
Delta R.T. 0.041 min
Lab File: BF127020.D
Acq: 22 Feb 2022 20:46

Tgt Ion:276 Resp: 21724
Ion Ratio Lower Upper
276 100
277 27.6 18.5 27.7
138 42.8 25.9 38.9

