

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127902.D
 Acq On : 26 Apr 2022 01:33
 Operator : CG\JU
 Sample : N2523-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-042122

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/27/2022
 Supervised By : Jagrut Upadhyay 04/28/2022

Quant Time: Apr 26 05:41:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	156253	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	545198	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	259490	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	401084	20.000	ng	0.00
76) Chrysene-d12	14.127	240	288326	20.000	ng	0.00
86) Perylene-d12	15.651	264	195279	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	885640	90.279	ng	0.00
7) Phenol-d6	6.569	99	1111862	87.347	ng	0.00
23) Nitrobenzene-d5	7.510	82	769417	66.363	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	214958	82.290	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1117237	72.838	ng	0.00
79) Terphenyl-d14	13.068	244	968814	61.442	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.692	202	99516	4.504	ng	97
78) Pyrene	12.927	202	99734	4.285	ng	99
81) Benzo(a)anthracene	14.115	228	47574	2.476	ng	# 87
83) Chrysene	14.151	228	54088	2.947	ng	# 95
88) Benzo(b)fluoranthene	15.192	252	56837m	4.634	ng	
90) Benzo(a)pyrene	15.580	252	32593	3.204	ng	# 66
92) Benzo(g,h,i)perylene	17.674	276	24300	2.206	ng	# 83

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

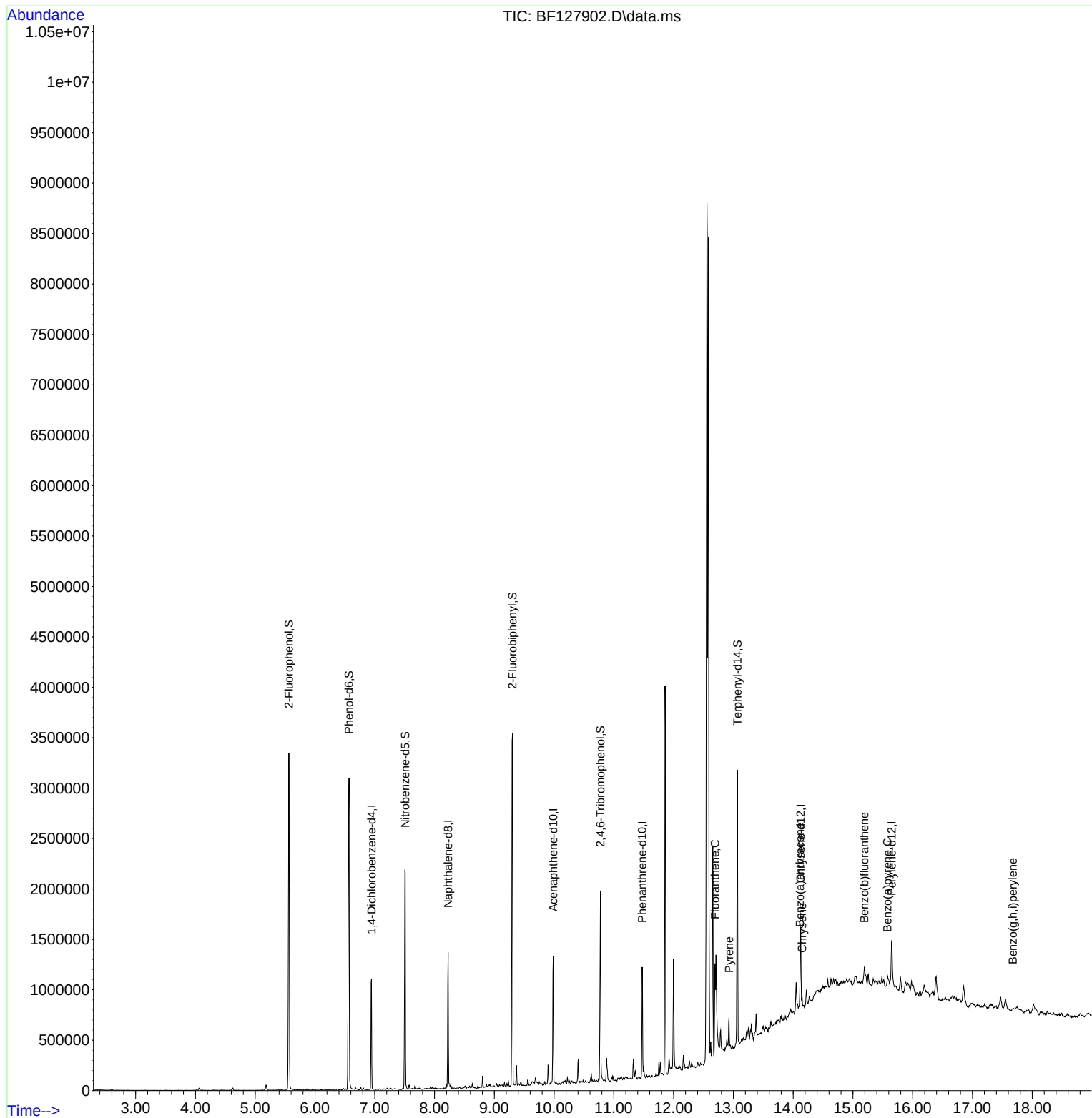
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
Data File : BF127902.D
Acq On : 26 Apr 2022 01:33
Operator : CG\JU
Sample : N2523-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

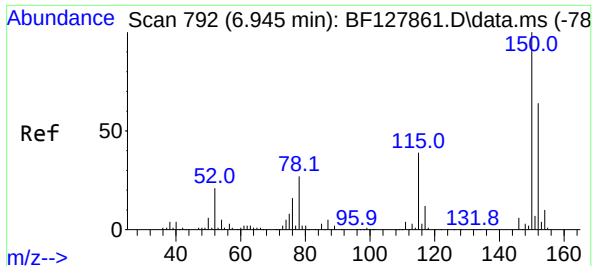
Instrument :
BNA_F
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SU-04-042122

Quant Time: Apr 26 05:41:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
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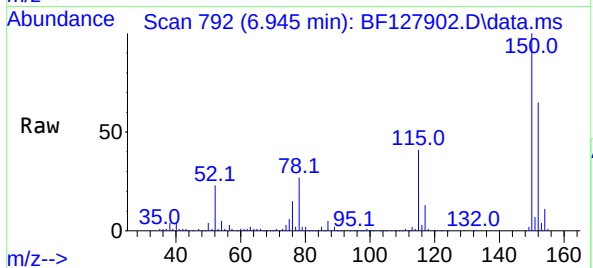
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 792
Delta R.T. 0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Instrument :

BNA_F

ClientSampleId :

SU-04-042122

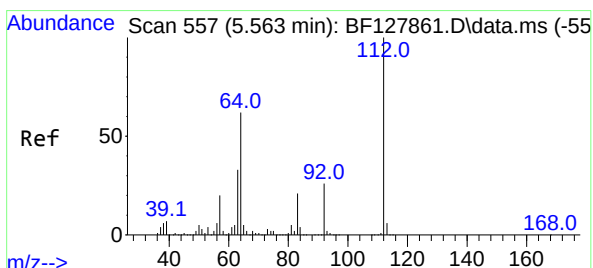
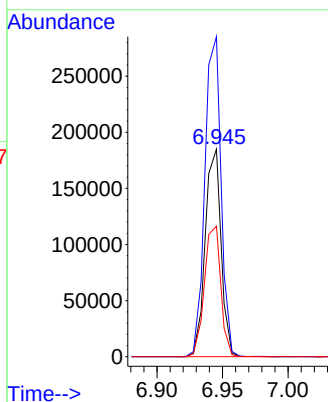
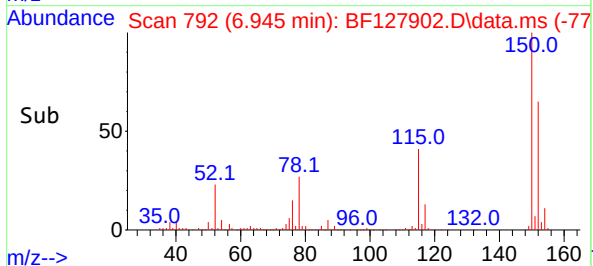


Tgt Ion:152 Resp: 15625
Ion Ratio Lower Upper
152 100
150 154.2 125.3 187.9
115 62.9 48.8 73.2

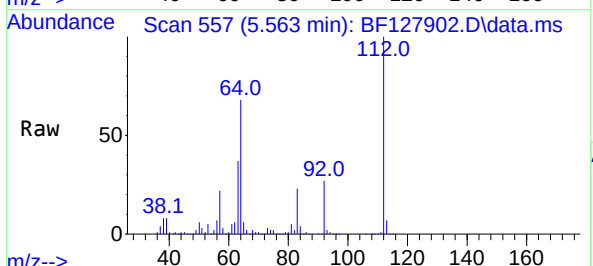
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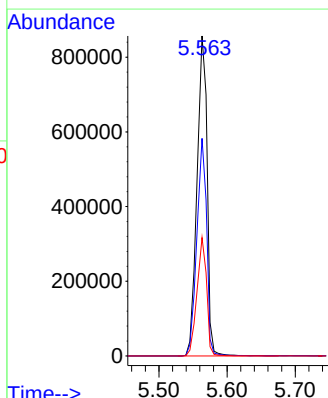
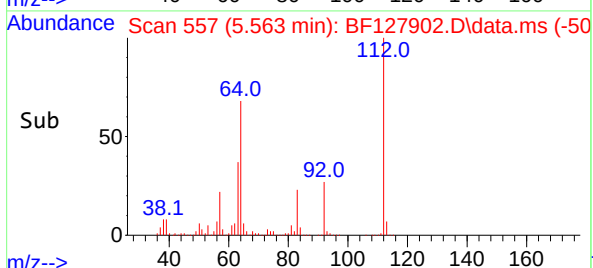
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022

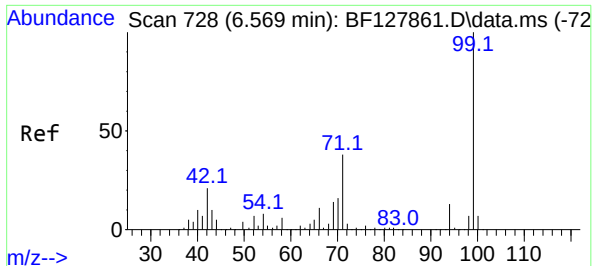


#5
2-Fluorophenol
Concen: 90.279 ng
RT: 5.563 min Scan# 557
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33



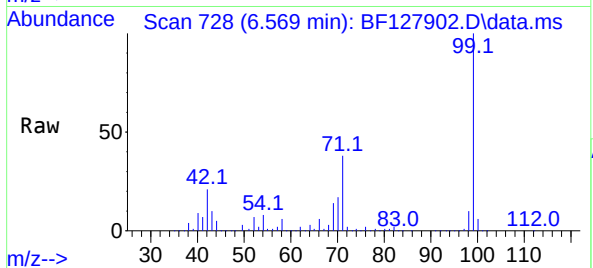
Tgt Ion:112 Resp: 885640
Ion Ratio Lower Upper
112 100
64 68.0 49.5 74.3
63 37.0 26.3 39.5





#7
Phenol-d6
Concen: 87.347 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

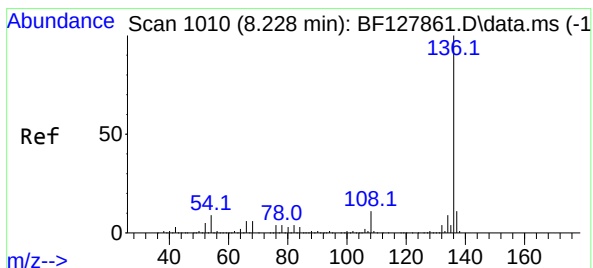
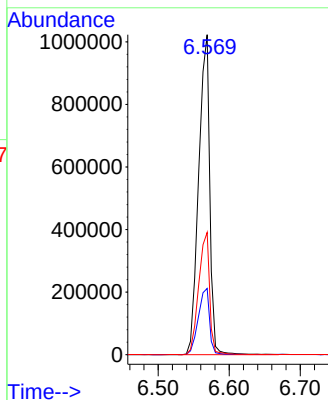
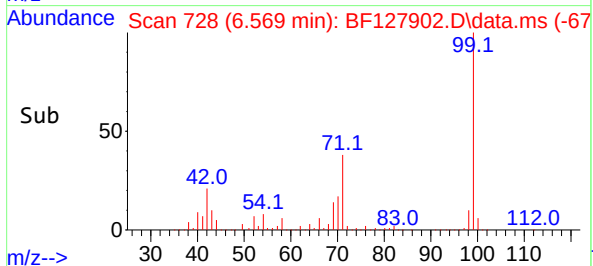
Instrument :
BNA_F
ClientSampleId :
SU-04-042122



Tgt Ion: 99 Resp: 111186
Ion Ratio Lower Upper
99 100
42 20.7 16.6 24.8
71 38.2 30.0 45.0

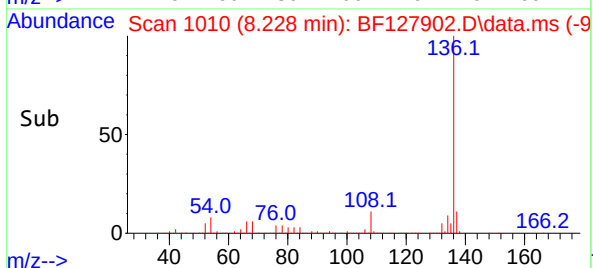
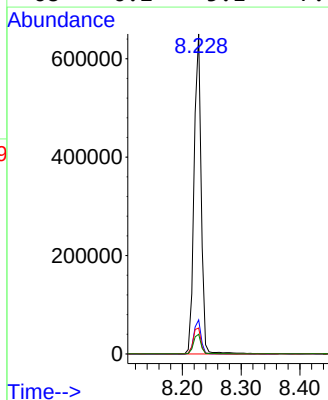
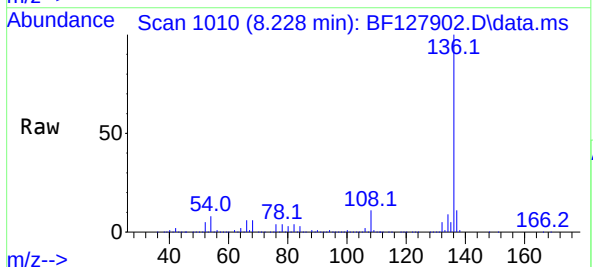
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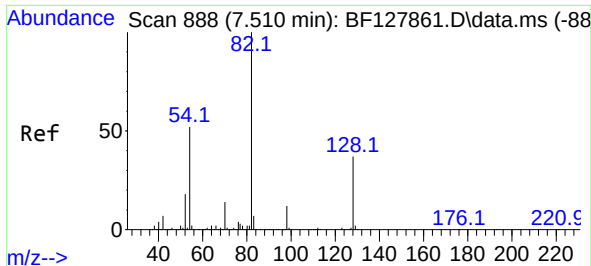
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

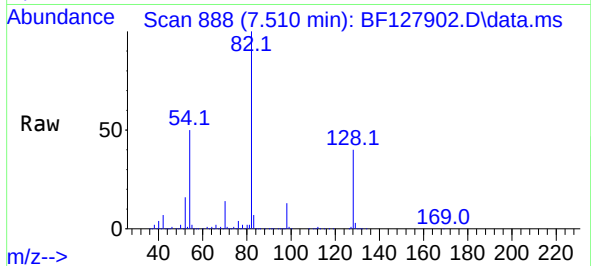
Tgt Ion:136 Resp: 545198
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.1 6.8 10.2
68 6.2 5.1 7.7





#23
Nitrobenzene-d5
Concen: 66.363 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

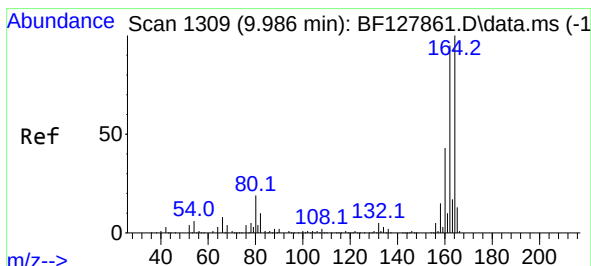
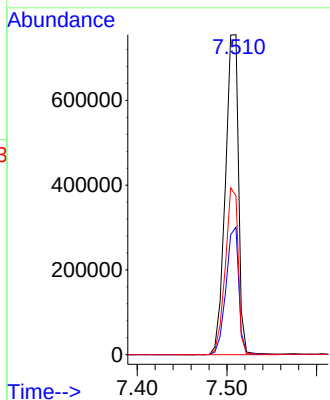
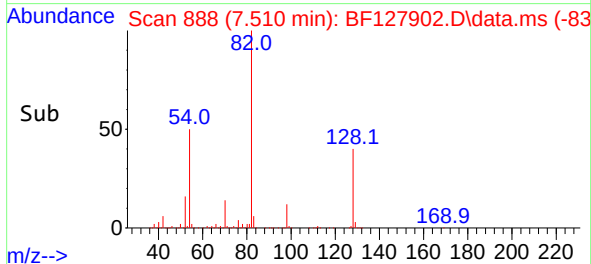
Instrument :
BNA_F
ClientSampleId :
SU-04-042122



Tgt Ion: 82 Resp: 76941
Ion Ratio Lower Upper
82 100
128 39.8 30.0 45.0
54 49.6 41.3 61.9

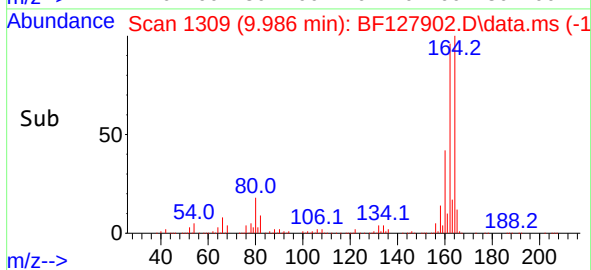
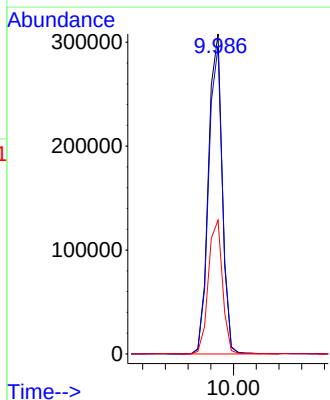
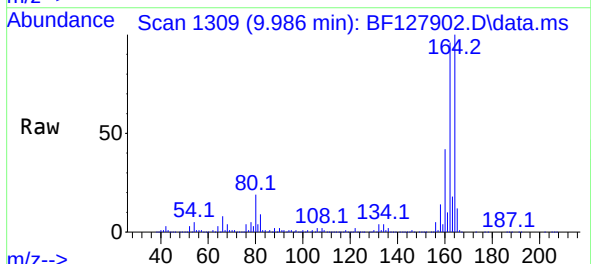
Manual Integrations
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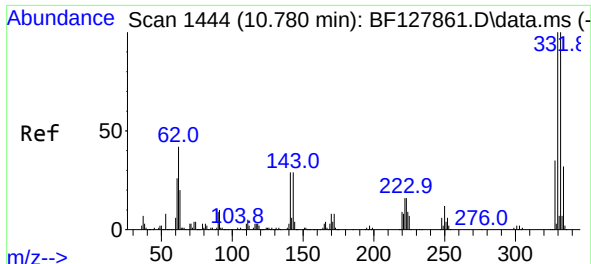
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Tgt Ion:164 Resp: 259490
Ion Ratio Lower Upper
164 100
162 96.0 76.0 114.0
160 41.8 34.8 52.2





#42
2,4,6-Tribromophenol
Concen: 82.290 ng
RT: 10.775 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Instrument :

BNA_F

ClientSampleId :

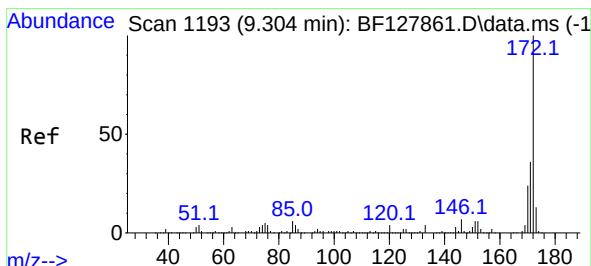
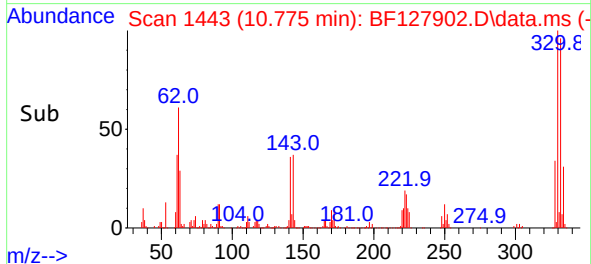
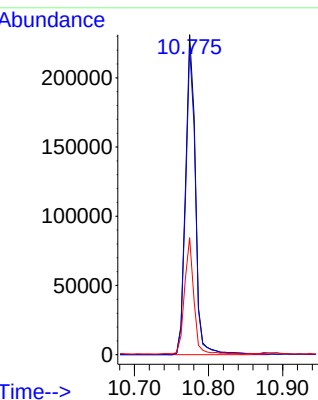
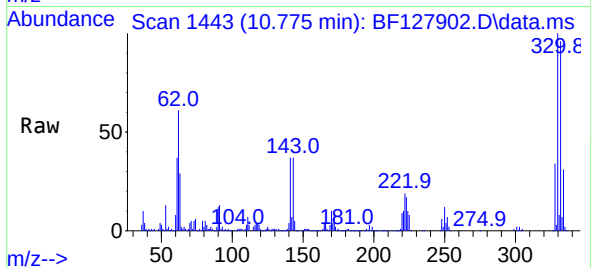
SU-04-042122

Tgt Ion:330 Resp: 214958
Ion Ratio Lower Upper
330 100
332 95.6 79.0 118.4
141 34.2 28.9 43.3

Manual Integrations

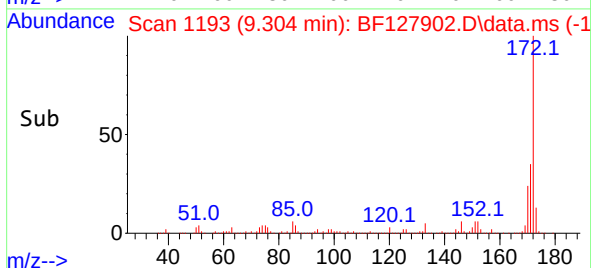
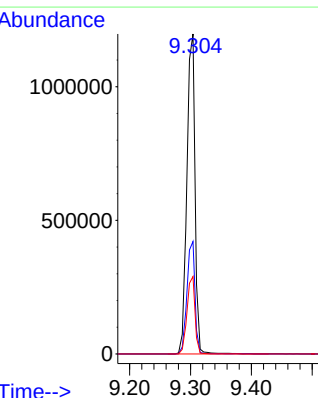
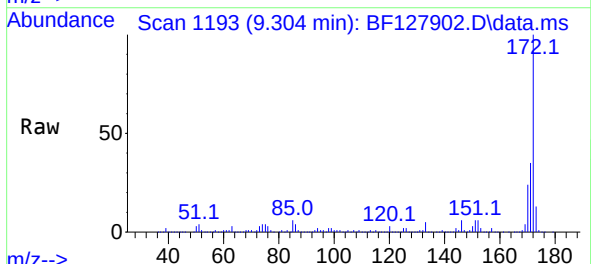
APPROVED

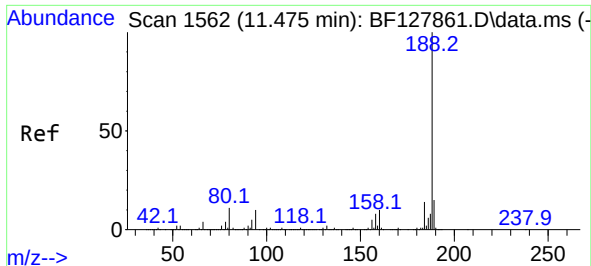
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#45
2-Fluorobiphenyl
Concen: 72.838 ng
RT: 9.304 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Tgt Ion:172 Resp: 1117237
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 24.2 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.474 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Instrument :

BNA_F

ClientSampleId :

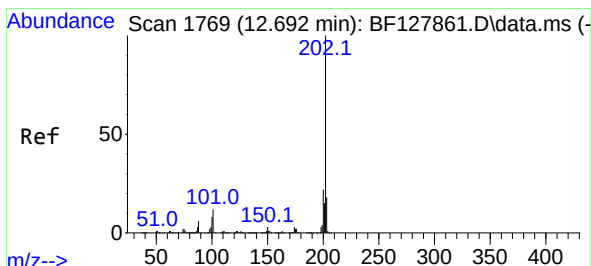
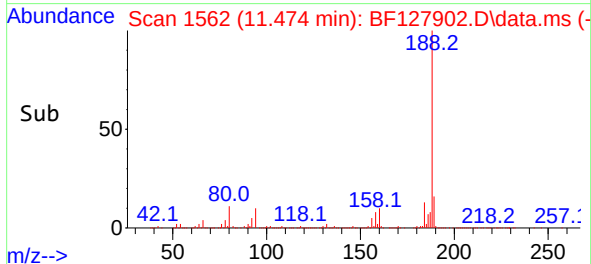
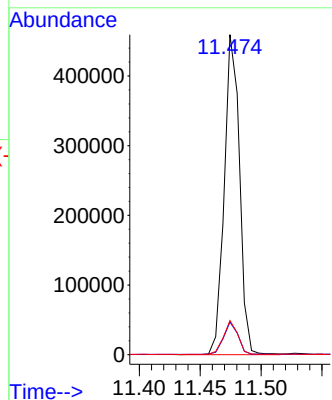
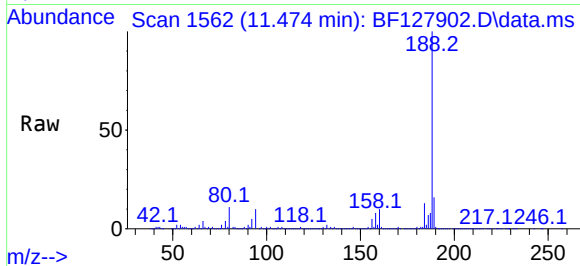
SU-04-042122

Tgt Ion:188 Resp: 401084
Ion Ratio Lower Upper
188 100
94 10.2 8.0 12.0
80 10.6 8.9 13.3

Manual Integrations

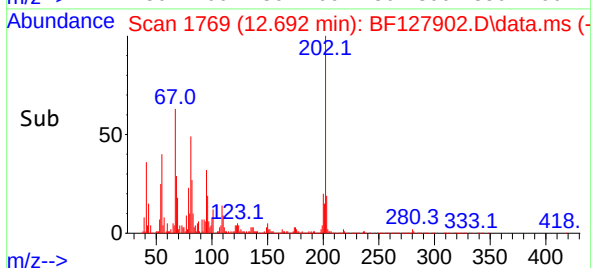
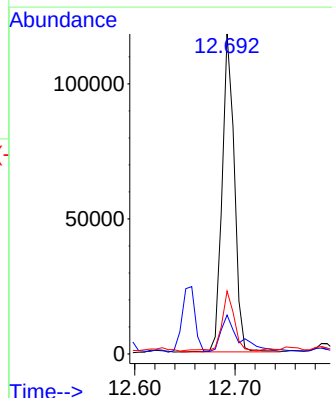
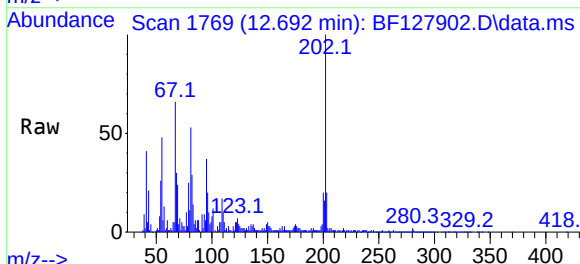
APPROVED

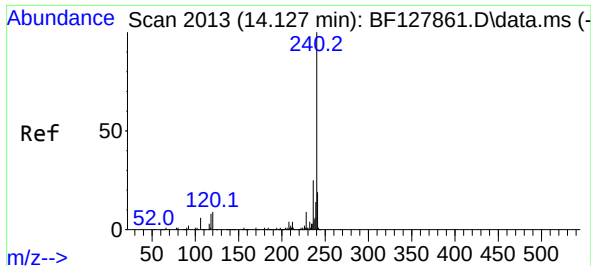
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#75
Fluoranthene
Concen: 4.504 ng
RT: 12.692 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Tgt Ion:202 Resp: 99516
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.6
203 19.7 0.0 38.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Instrument :

BNA_F

ClientSampleId :

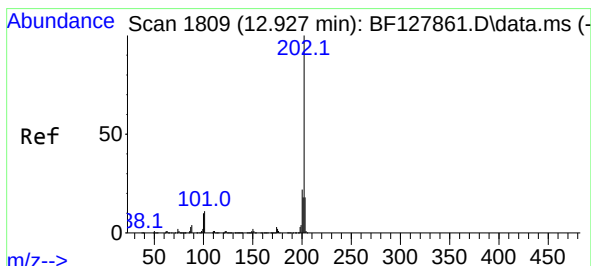
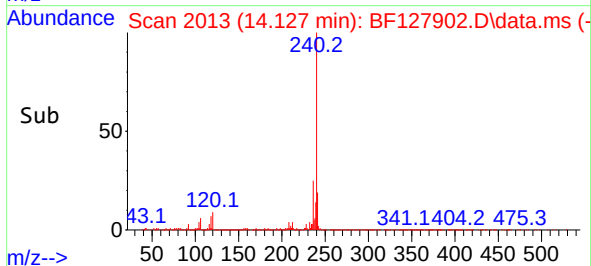
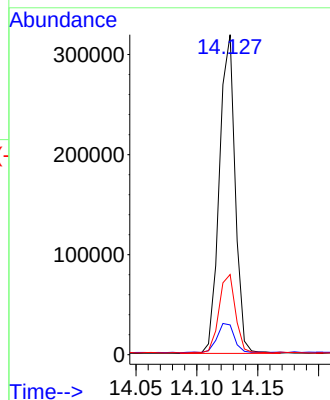
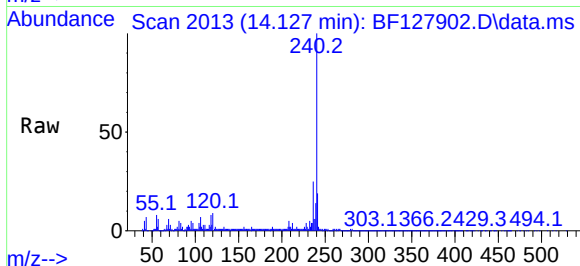
SU-04-042122

Tgt Ion:240 Resp: 288320
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 25.1 20.3 30.5

Manual Integrations

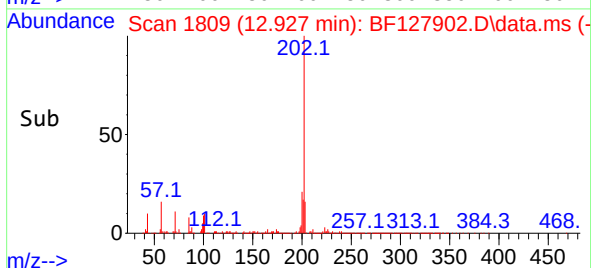
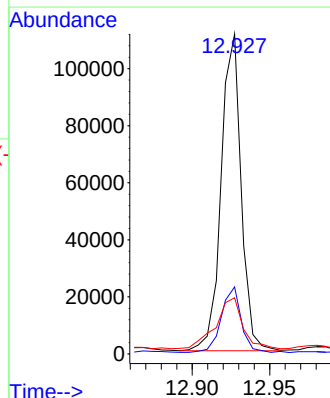
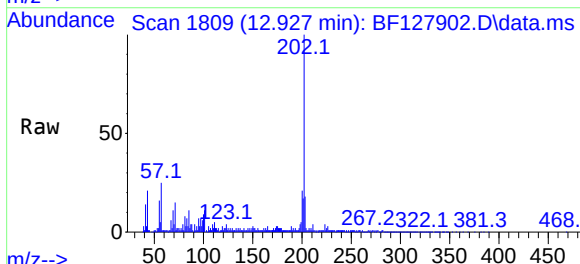
APPROVED

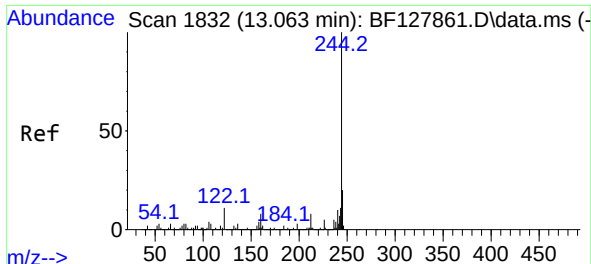
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#78
Pyrene
Concen: 4.285 ng
RT: 12.927 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Tgt Ion:202 Resp: 99734
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 17.5 14.0 21.0





#79
Terphenyl-d14
Concen: 61.442 ng
RT: 13.068 min Scan# 1832
Delta R.T. 0.006 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Instrument :

BNA_F

ClientSampleId :

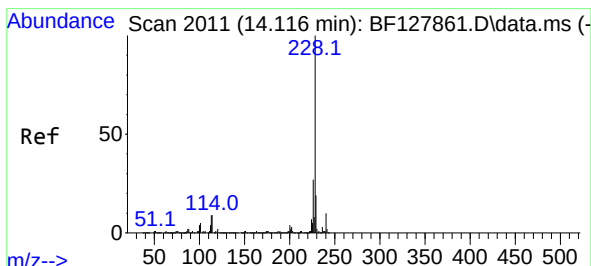
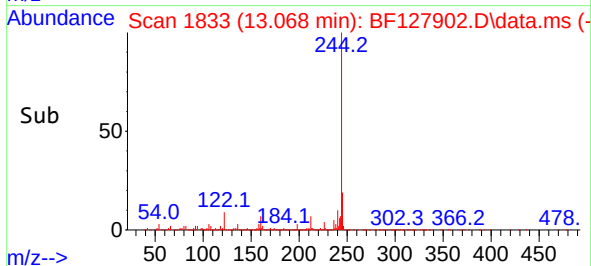
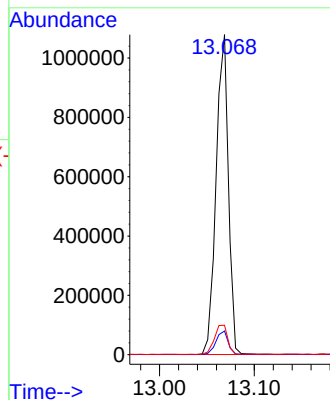
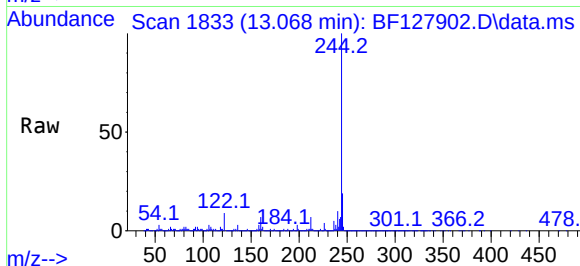
SU-04-042122

Tgt Ion:244 Resp: 968814
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 9.2 8.6 12.8

Manual Integrations

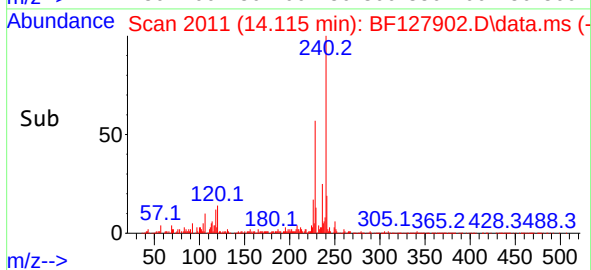
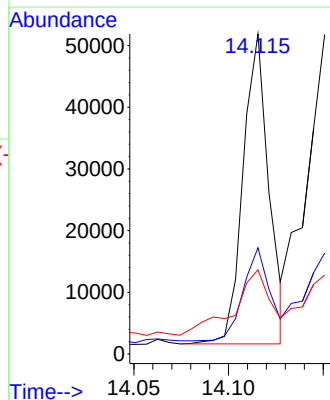
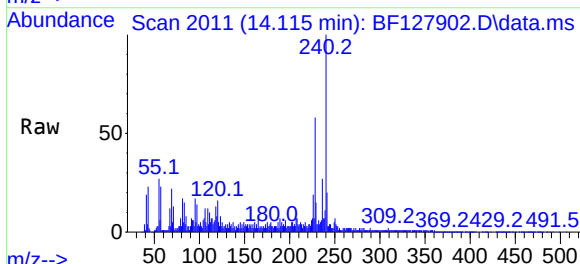
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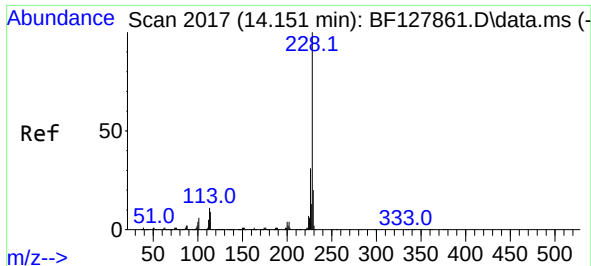
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#81
Benzo(a)anthracene
Concen: 2.476 ng
RT: 14.115 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Tgt Ion:228 Resp: 47574
Ion Ratio Lower Upper
228 100
226 33.2 21.7 32.5#
229 26.3 15.4 23.2#





#83
Chrysene
Concen: 2.947 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Instrument :

BNA_F

ClientSampleId :

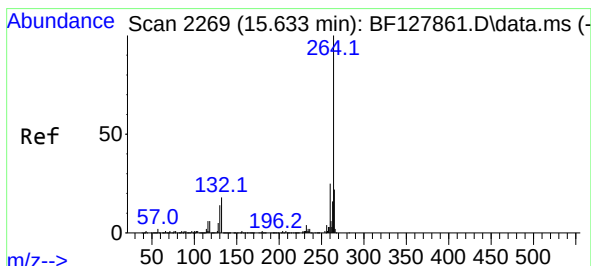
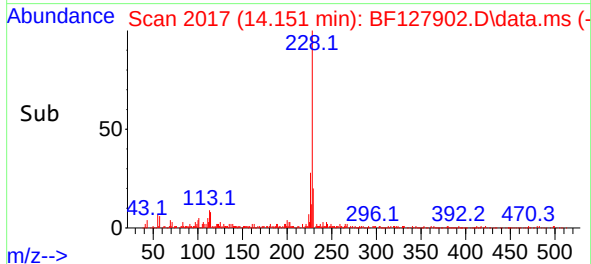
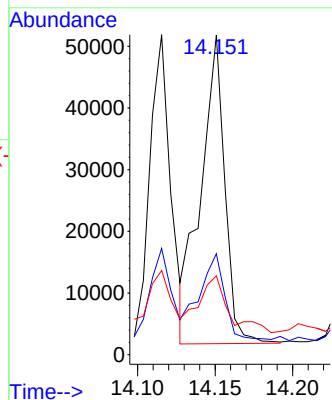
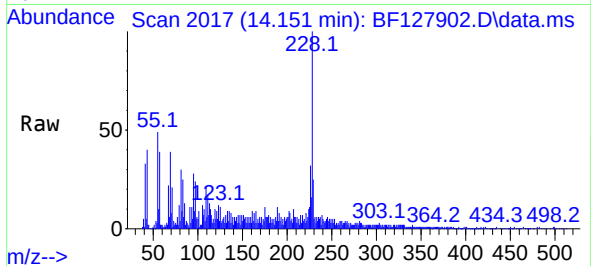
SU-04-042122

Tgt Ion:228 Resp: 5408
Ion Ratio Lower Upper
228 100
226 31.6 24.4 36.6
229 24.7 15.8 23.8

Manual Integrations

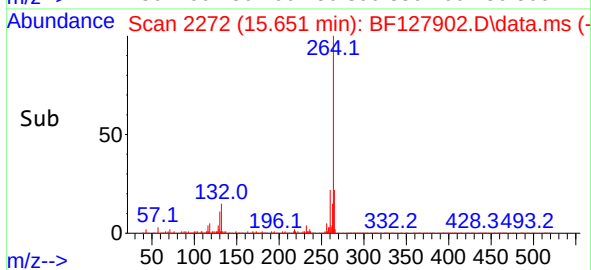
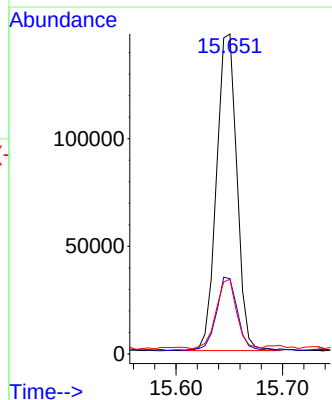
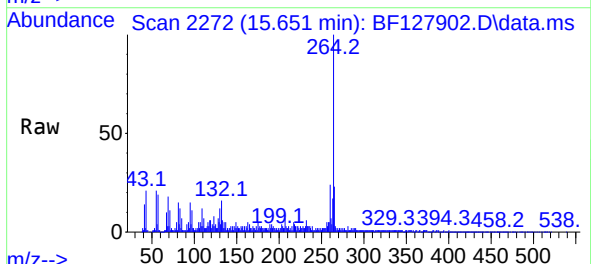
APPROVED

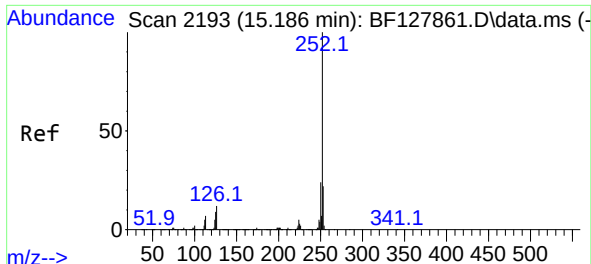
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 2272
Delta R.T. 0.018 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Tgt Ion:264 Resp: 195279
Ion Ratio Lower Upper
264 100
260 23.5 20.1 30.1
265 23.3 17.5 26.3





#88
Benzo(b)fluoranthene
Concen: 4.634 ng m
RT: 15.192 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

Instrument :

BNA_F

ClientSampleId :

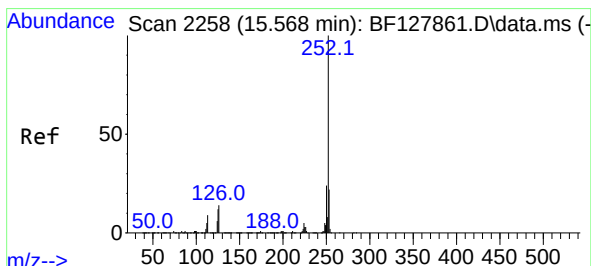
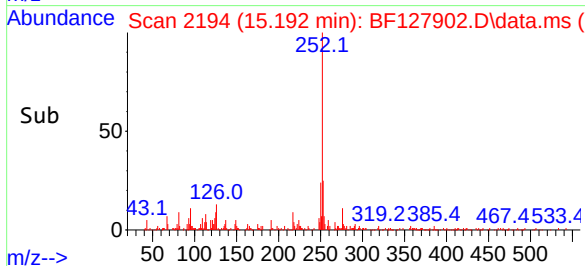
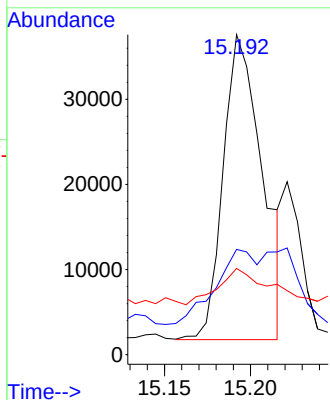
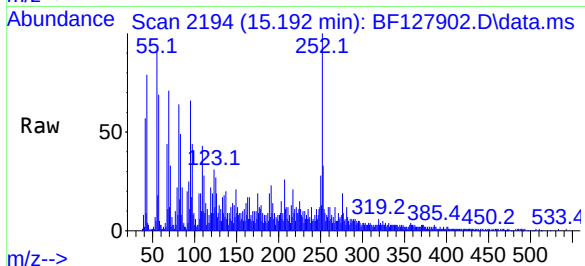
SU-04-042122

Tgt Ion:252 Resp: 5683
Ion Ratio Lower Upper
252 100
253 32.9 17.4 26.2
125 26.9 7.4 11.2

Manual Integrations

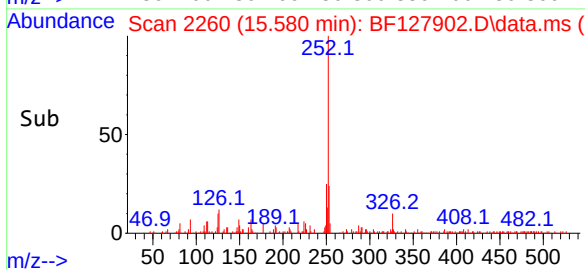
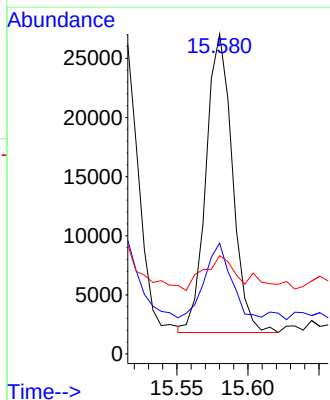
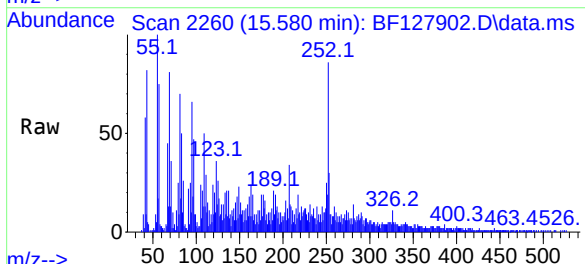
APPROVED

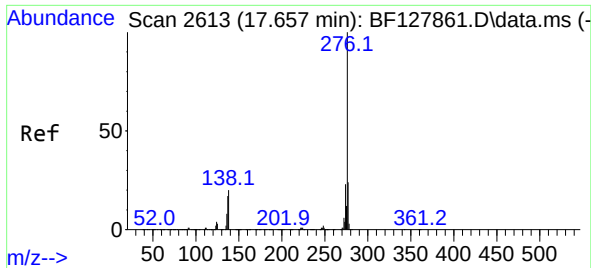
Reviewed By :Christian Giraldo 04/27/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#90
Benzo(a)pyrene
Concen: 3.204 ng
RT: 15.580 min Scan# 2260
Delta R.T. 0.012 min
Lab File: BF127902.D
Acq: 26 Apr 2022 01:33

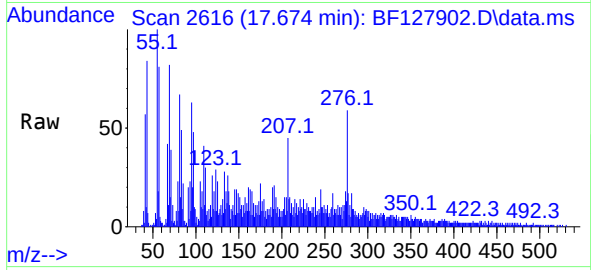
Tgt Ion:252 Resp: 32593
Ion Ratio Lower Upper
252 100
253 34.6 17.8 26.6#
125 30.7 9.2 13.8#





#92
 Benzo(g,h,i)perylene
 Concen: 2.206 ng
 RT: 17.674 min Scan# 20
 Delta R.T. 0.018 min
 Lab File: BF127902.D
 Acq: 26 Apr 2022 01:33

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-042122



Tgt Ion:	276	Resp:	24300
Ion Ratio	Lower	Upper	
276	100		
277	29.4	18.8	28.2
138	30.9	16.2	24.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/27/2022
 Supervised By :Jagrut Upadhyay 04/28/2022

