

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127813.D
 Acq On : 15 Apr 2022 19:52
 Operator : CG\JU
 Sample : N2429-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-041422

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/18/2022
 Supervised By : Jagrut Upadhyay 04/18/2022

Quant Time: Apr 18 01:27:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.946	152	135806	20.000	ng	-0.02
21) Naphthalene-d8	8.234	136	436645	20.000	ng	#-0.01
39) Acenaphthene-d10	9.986	164	197263	20.000	ng	-0.02
64) Phenanthrene-d10	11.480	188	336200	20.000	ng	-0.01
76) Chrysene-d12	14.133	240	293875	20.000	ng	-0.01
86) Perylene-d12	15.651	264	225278	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	656220	78.516	ng	-0.01
7) Phenol-d6	6.569	99	781571	71.482	ng	-0.02
23) Nitrobenzene-d5	7.510	82	535330	54.657	ng	-0.02
42) 2,4,6-Tribromophenol	10.781	330	172534	82.191	ng	-0.02
45) 2-Fluorobiphenyl	9.304	172	843719	60.507	ng	-0.02
79) Terphenyl-d14	13.080	244	848849	47.677	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.504	178	81255	4.562	ng	98
75) Fluoranthene	12.698	202	122823	6.319	ng	97
78) Pyrene	12.933	202	118576	4.778	ng	99
81) Benzo(a)anthracene	14.127	228	55765	2.841	ng	95
83) Chrysene	14.163	228	56685	3.009	ng	97
88) Benzo(b)fluoranthene	15.198	252	58686m	4.049	ng	
90) Benzo(a)pyrene	15.580	252	38864	3.299	ng	# 89

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

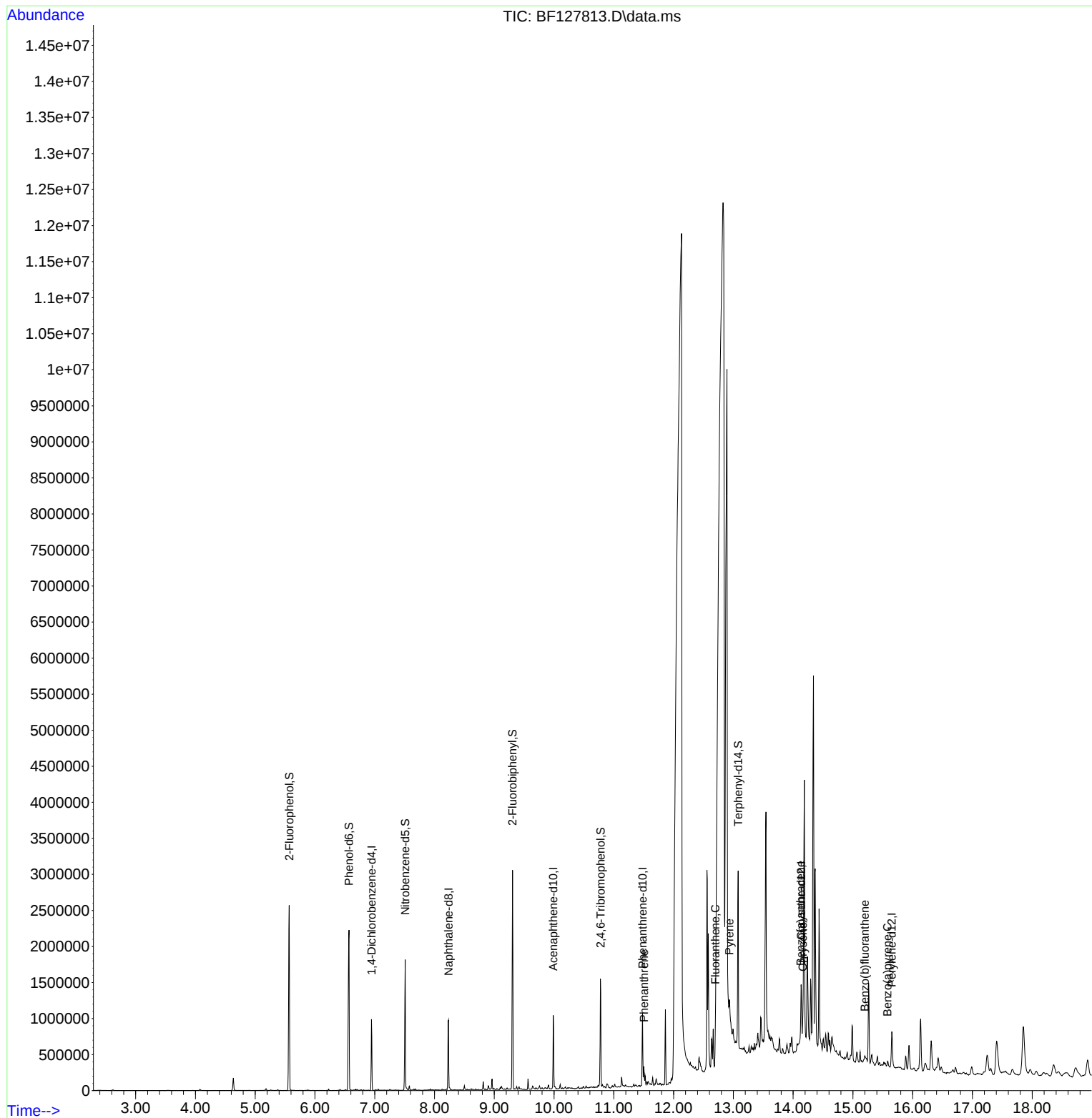
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
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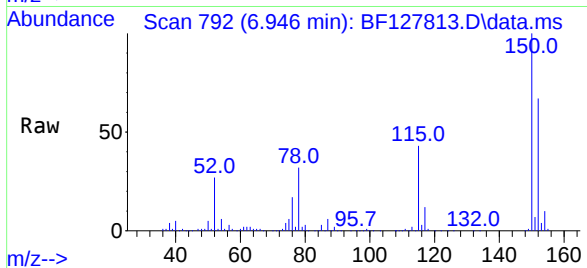
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.946 min Scan# 795
Delta R.T. -0.018 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

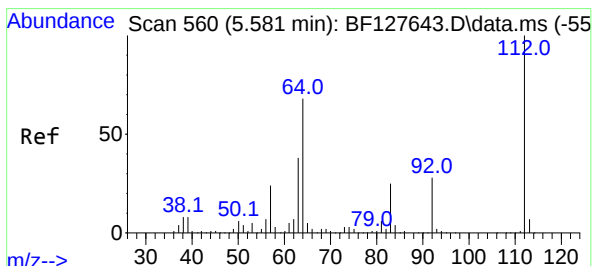
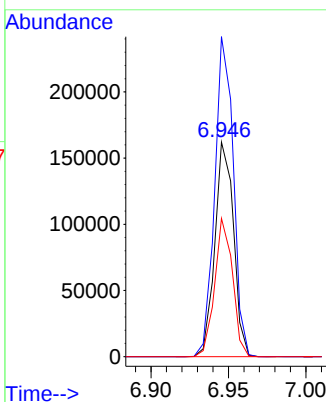
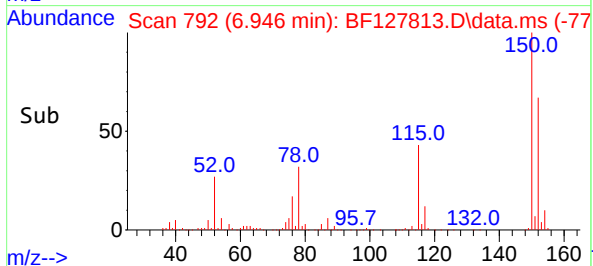
Instrument :
BNA_F
ClientSampleId :
BU-03-041422



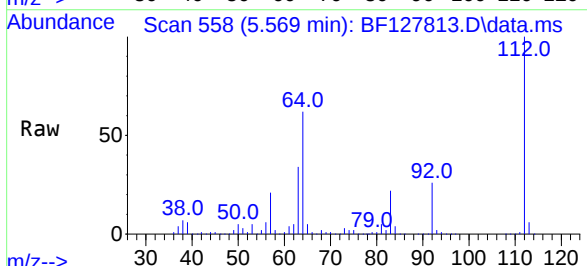
Tgt Ion:152 Resp: 135800
Ion Ratio Lower Upper
152 100
150 149.1 117.2 175.8
115 64.4 49.8 74.6

Manual Integrations
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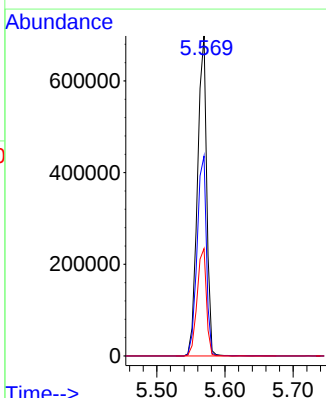
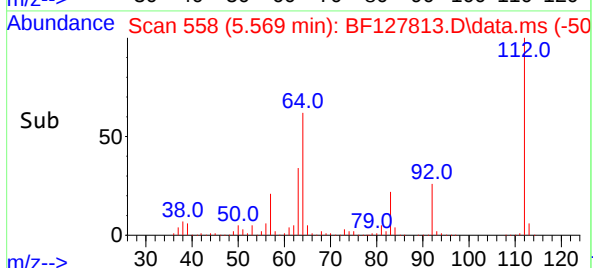
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#5
2-Fluorophenol
Concen: 78.516 ng
RT: 5.569 min Scan# 558
Delta R.T. -0.012 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52



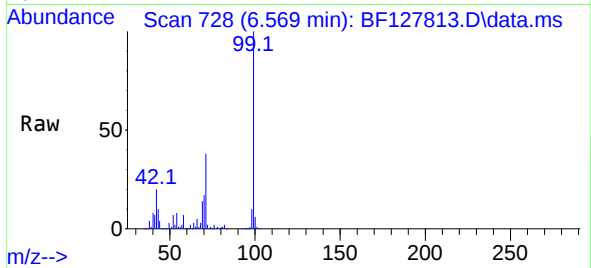
Tgt Ion:112 Resp: 656220
Ion Ratio Lower Upper
112 100
64 62.4 58.4 87.6
63 33.6 30.1 45.1





#7
Phenol-d6
Concen: 71.482 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

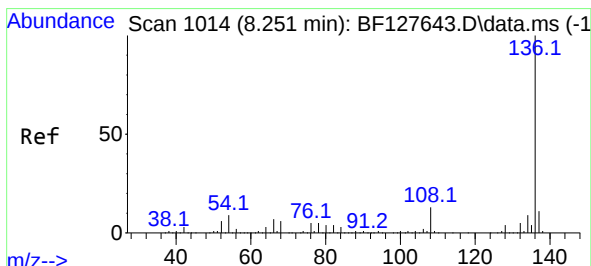
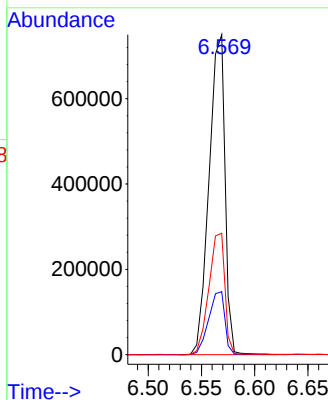
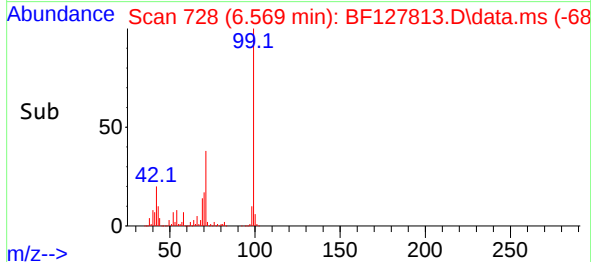
Instrument :
BNA_F
ClientSampleId :
BU-03-041422



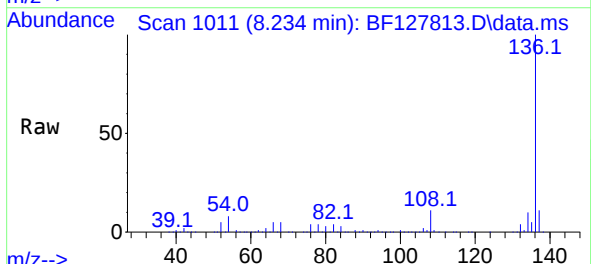
Tgt Ion: 99 Resp: 78157
Ion Ratio Lower Upper
99 100
42 19.7 17.8 26.6
71 37.9 29.6 44.4

Manual Integrations
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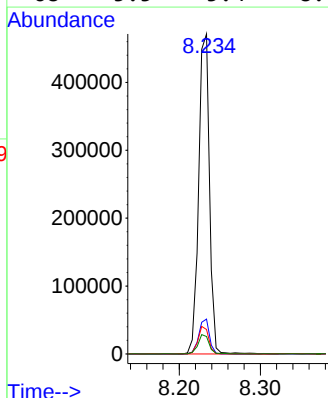
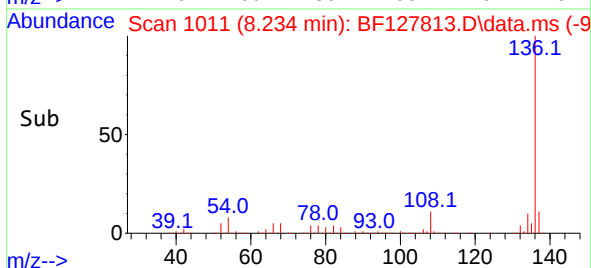
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

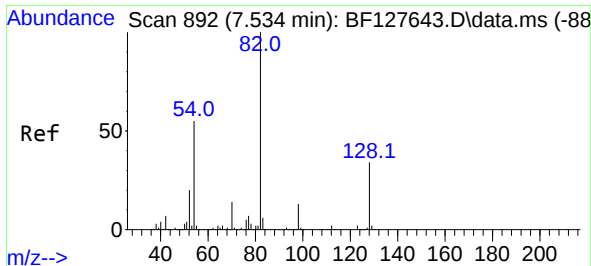


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52



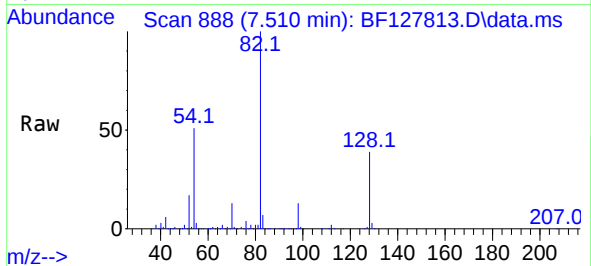
Tgt Ion:136 Resp: 436645
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.6 9.2 13.8#
68 5.5 5.4 8.0





#23
Nitrobenzene-d5
Concen: 54.657 ng
RT: 7.510 min Scan# 84
Delta R.T. -0.018 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

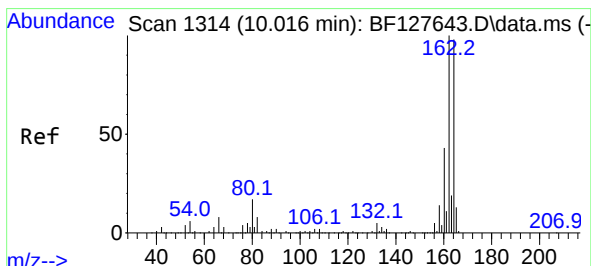
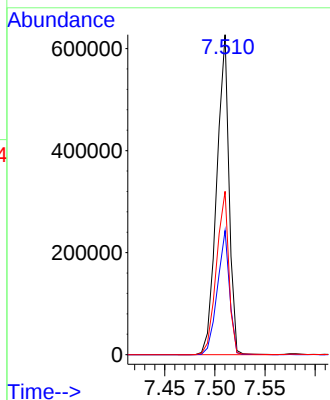
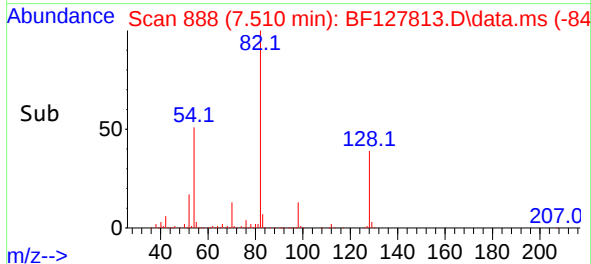
Instrument :
BNA_F
ClientSampleId :
BU-03-041422



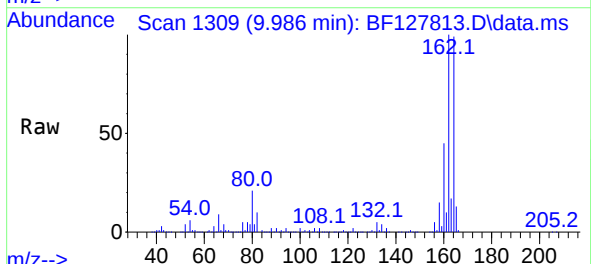
Tgt Ion: 82 Resp: 535330
Ion Ratio Lower Upper
82 100
128 38.8 30.6 45.8
54 51.1 48.2 72.2

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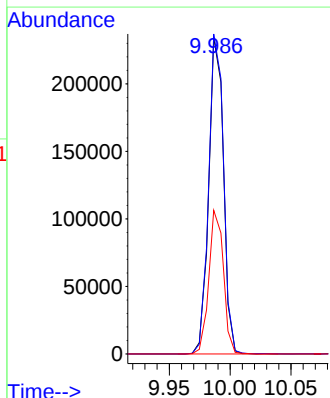
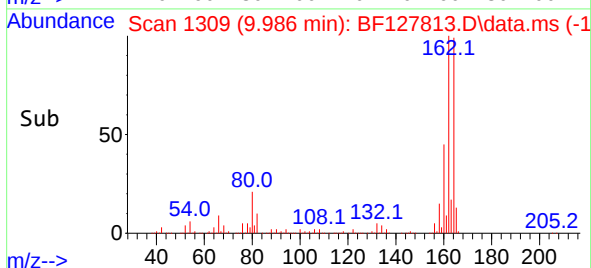
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

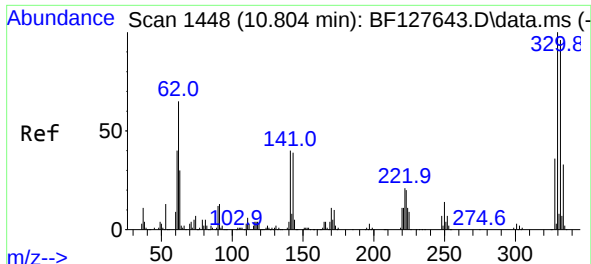


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1309
Delta R.T. -0.018 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52



Tgt Ion:164 Resp: 197263
Ion Ratio Lower Upper
164 100
162 101.2 81.2 121.8
160 45.4 34.6 52.0





#42
2,4,6-Tribromophenol
Concen: 82.191 ng
RT: 10.781 min Scan# 1444
Delta R.T. -0.018 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

Instrument :

BNA_F

ClientSampleId :

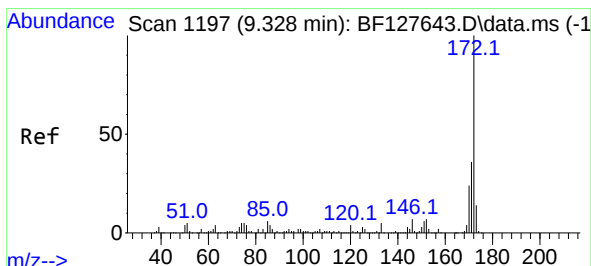
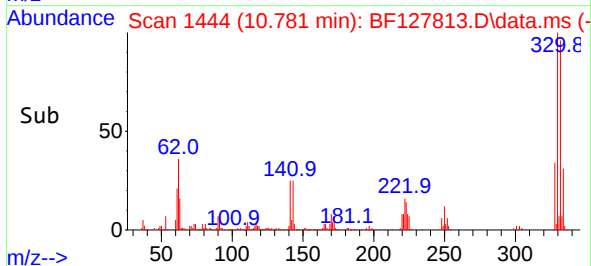
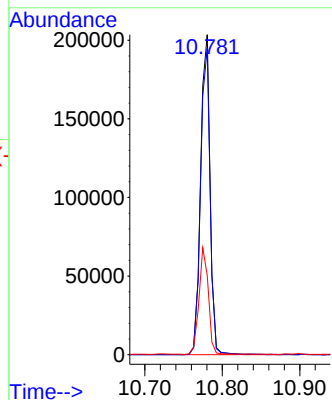
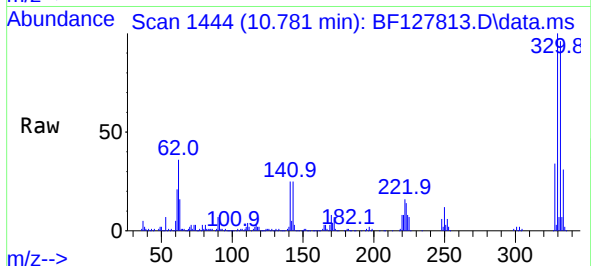
BU-03-041422

Tgt Ion:330 Resp: 172534
Ion Ratio Lower Upper
330 100
332 96.2 79.1 118.7
141 32.9 26.2 39.4

Manual Integrations

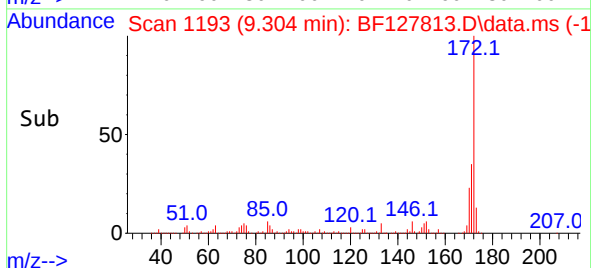
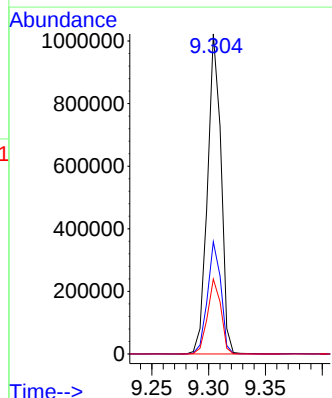
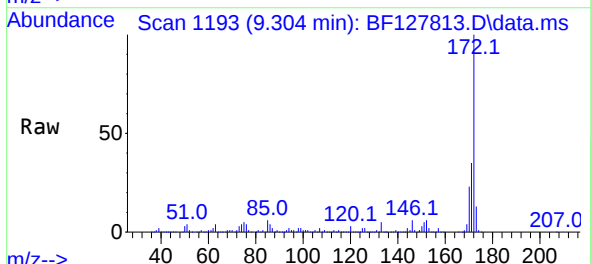
APPROVED

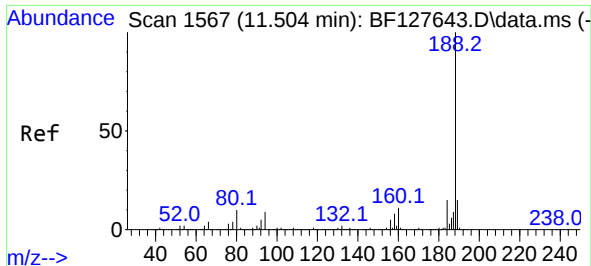
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#45
2-Fluorobiphenyl
Concen: 60.507 ng
RT: 9.304 min Scan# 1193
Delta R.T. -0.018 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

Tgt Ion:172 Resp: 843719
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.4 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

Instrument :

BNA_F

ClientSampleId :

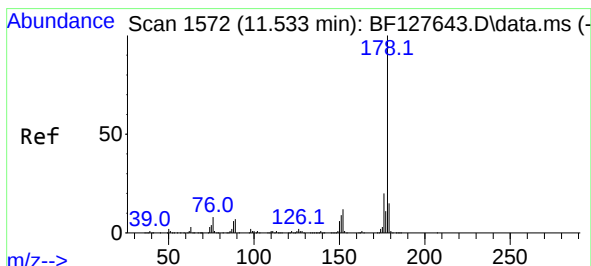
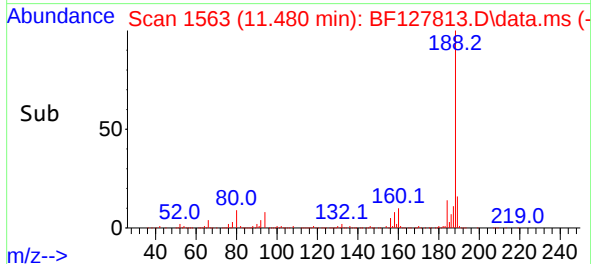
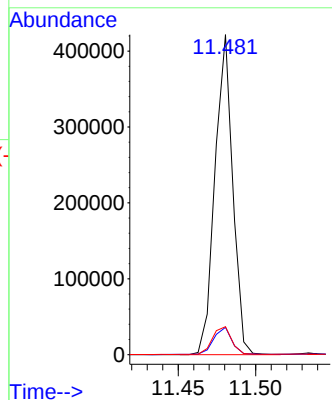
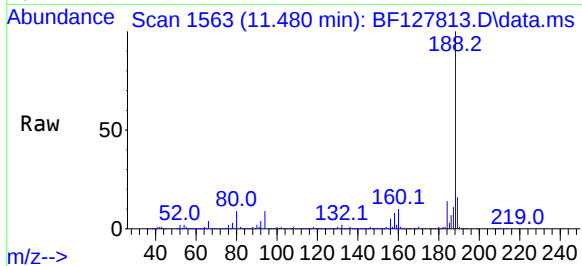
BU-03-041422

Tgt Ion:188 Resp: 336200
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.0
80 8.7 8.0 12.0

Manual Integrations

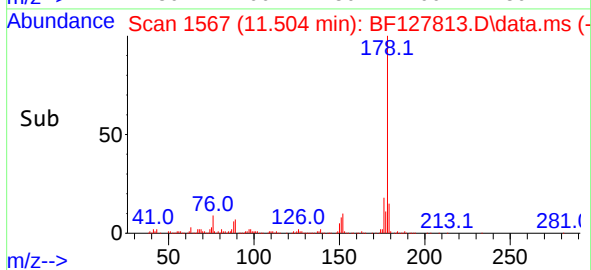
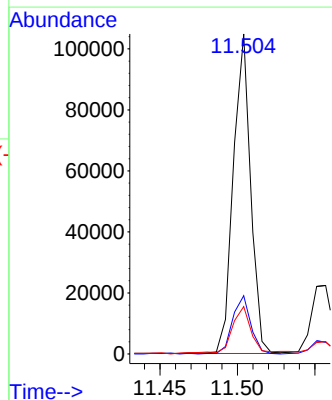
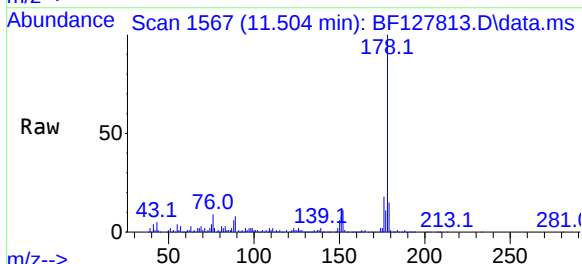
APPROVED

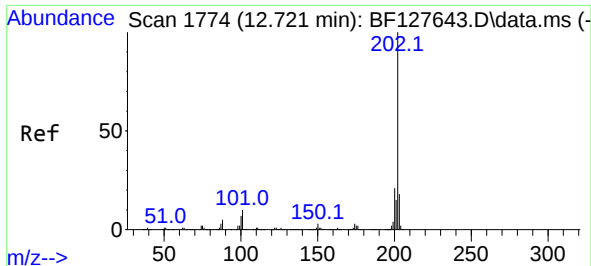
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#71
Phenanthrene
Concen: 4.562 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.018 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

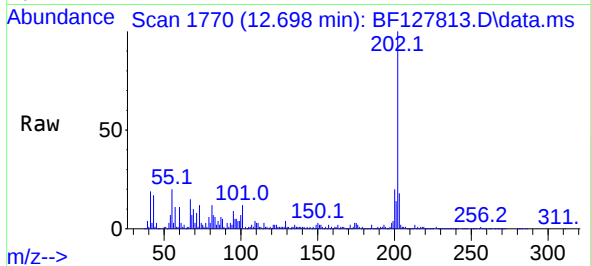
Tgt Ion:178 Resp: 81255
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 14.8 12.4 18.6





#75
Fluoranthene
Concen: 6.319 ng
RT: 12.698 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

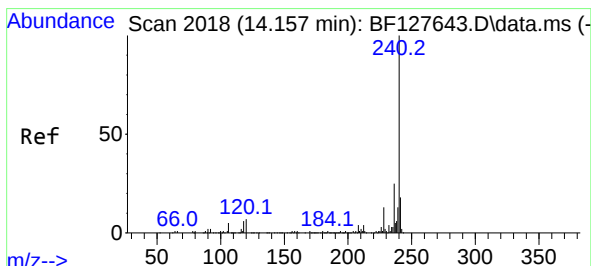
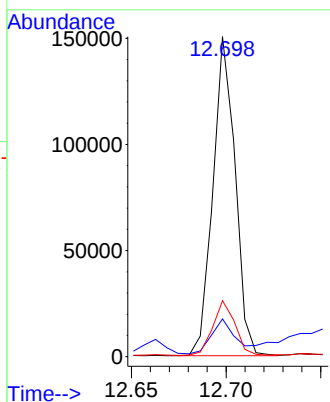
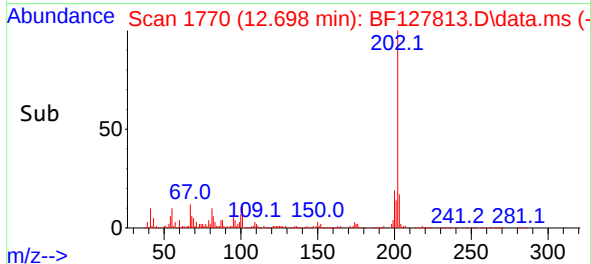
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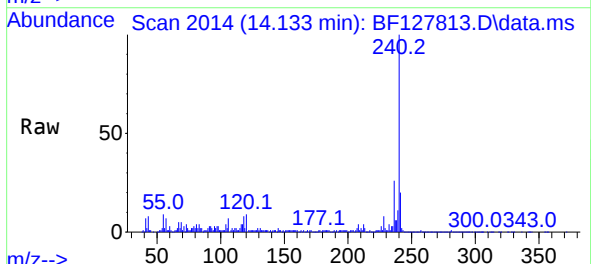
Tgt Ion:202 Resp: 12282
Ion Ratio Lower Upper
202 100
101 11.8 0.0 29.0
203 17.5 0.0 37.7

Manual Integrations
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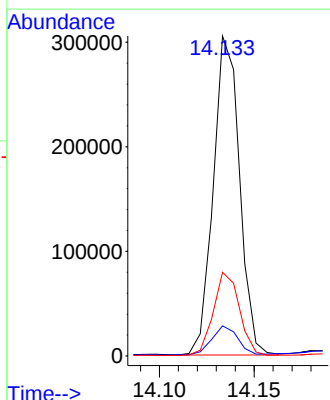
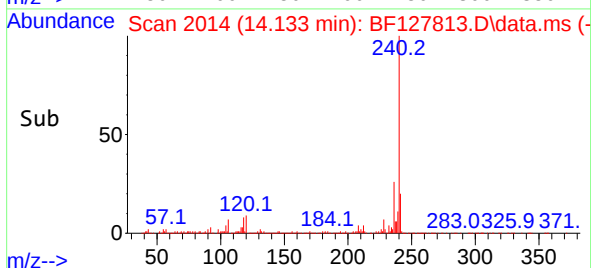
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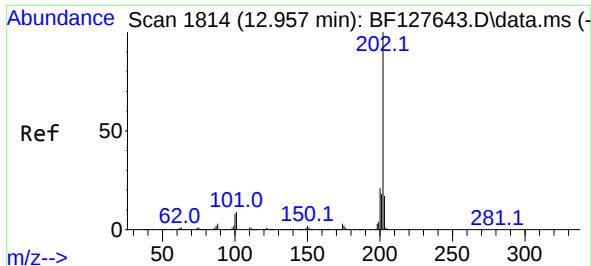


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52



Tgt Ion:240 Resp: 293875
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 26.1 20.7 31.1





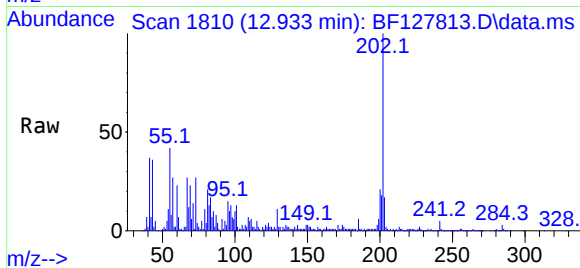
#78
Pyrene
Concen: 4.778 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

Instrument :

BNA_F

ClientSampleId :

BU-03-041422

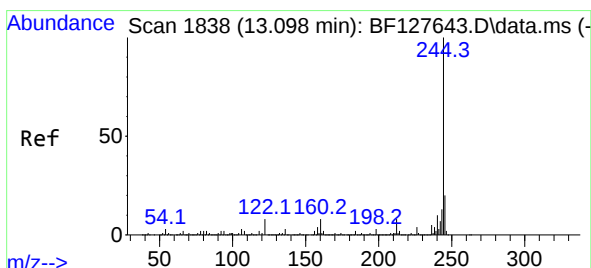
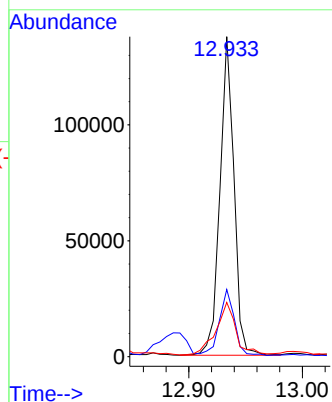
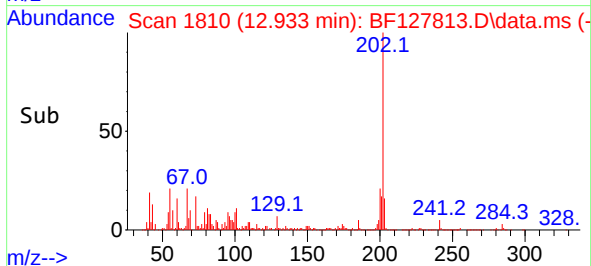


Tgt Ion:202 Resp: 118570
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 16.9 14.3 21.5

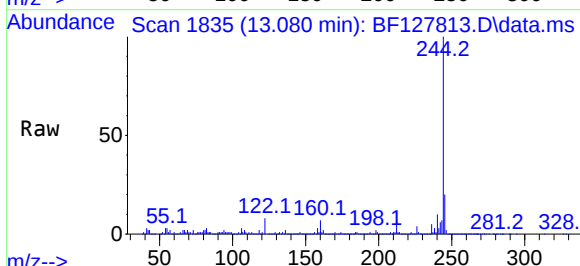
Manual Integrations

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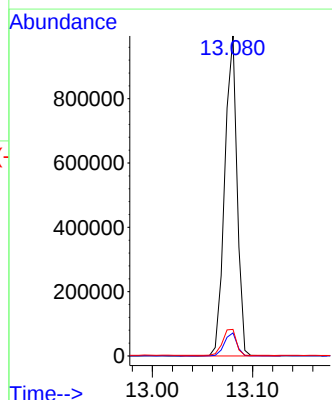
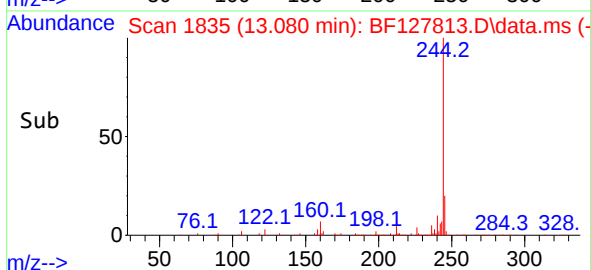
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

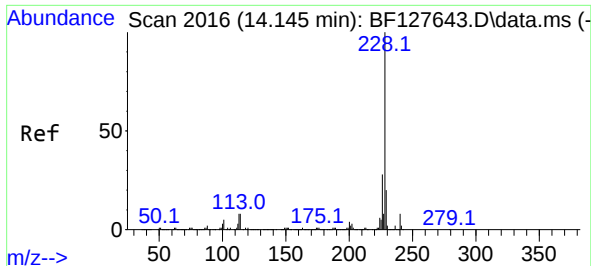


#79
Terphenyl-d14
Concen: 47.677 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52



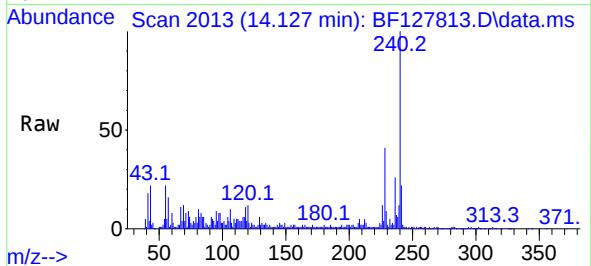
Tgt Ion:244 Resp: 848849
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 8.3 6.2 9.2





#81
Benzo(a)anthracene
Concen: 2.841 ng
RT: 14.127 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

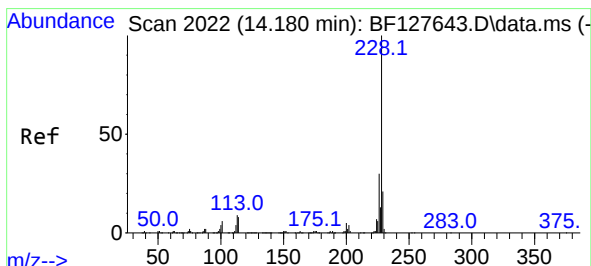
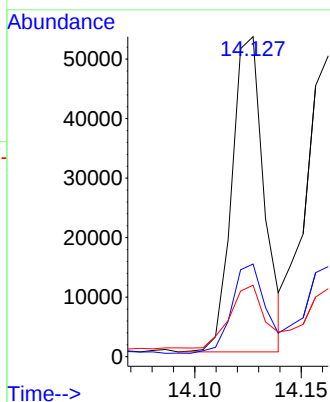
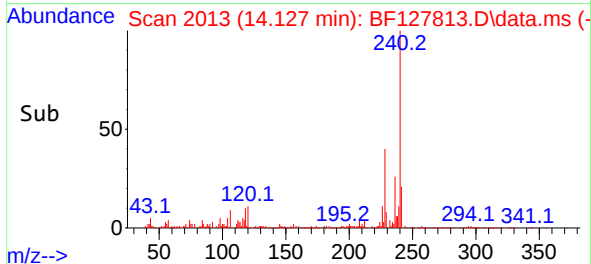
Instrument :
BNA_F
ClientSampleId :
BU-03-041422



Tgt Ion:228 Resp: 5576
Ion Ratio Lower Upper
228 100
226 28.9 21.6 32.4
229 22.4 15.4 23.2

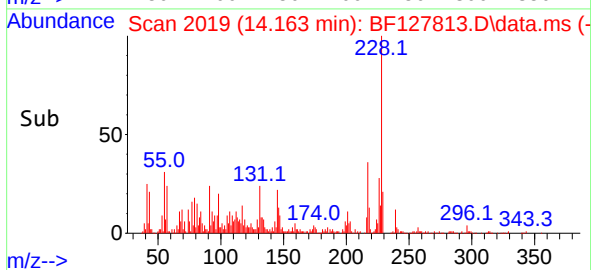
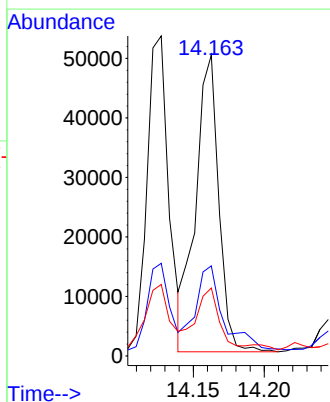
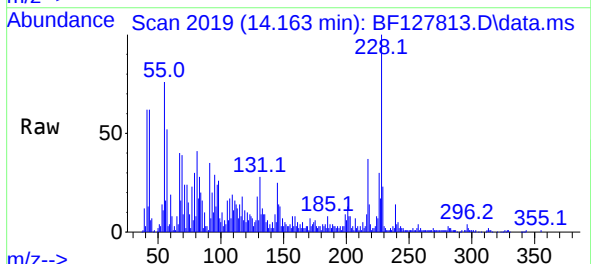
Manual Integrations
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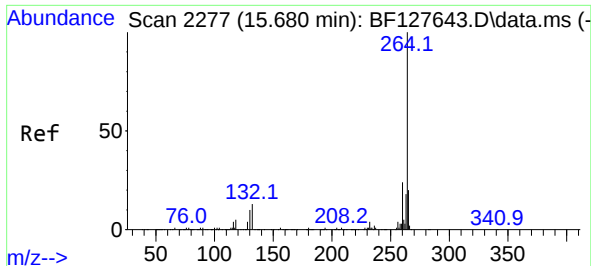
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#83
Chrysene
Concen: 3.009 ng
RT: 14.163 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

Tgt Ion:228 Resp: 56685
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.4
229 22.6 15.4 23.2





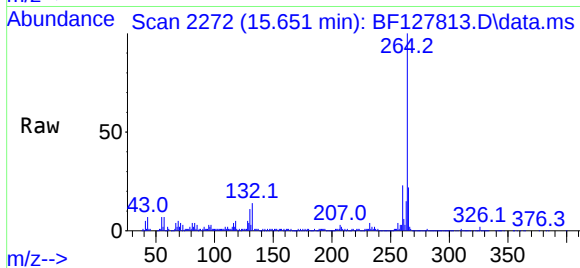
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

Instrument :

BNA_F

ClientSampleId :

BU-03-041422

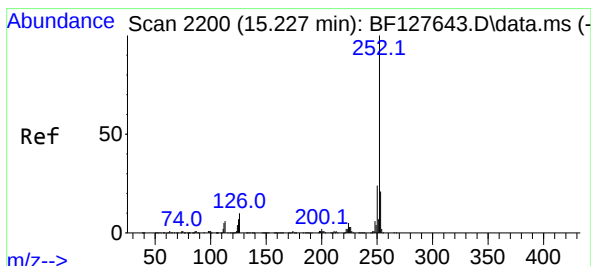
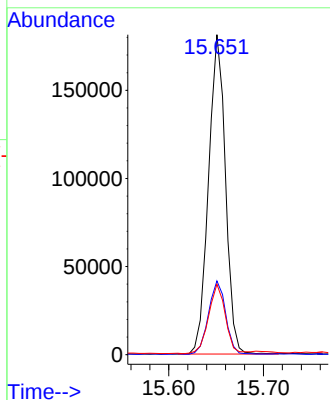
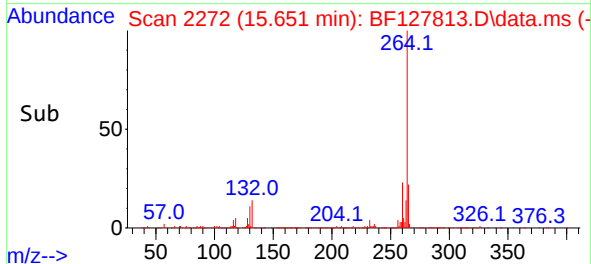


Tgt Ion:264 Resp: 225278
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 22.0 17.4 26.2

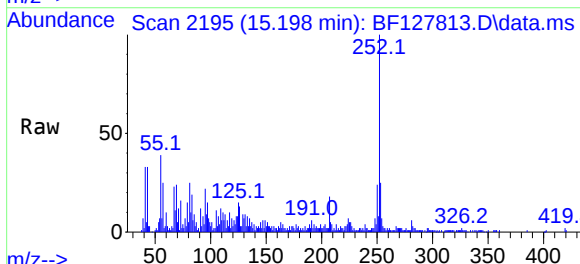
Manual Integrations

APPROVED

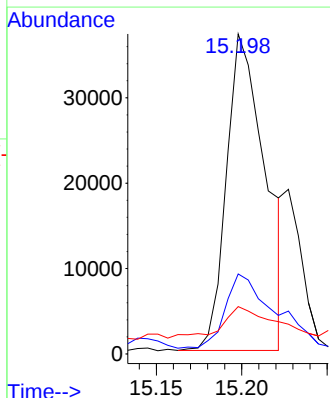
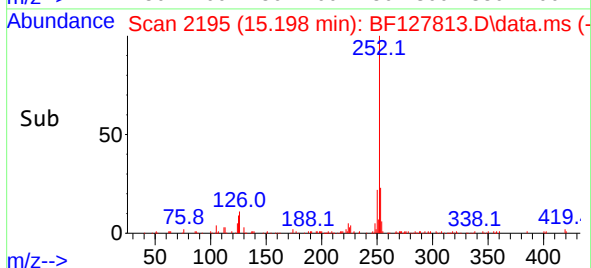
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

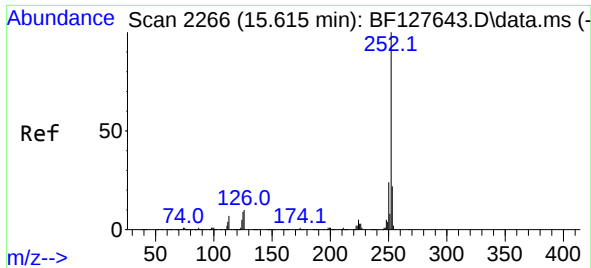


#88
Benzo(b)fluoranthene
Concen: 4.049 ng m
RT: 15.198 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52



Tgt Ion:252 Resp: 58686
Ion Ratio Lower Upper
252 100
253 25.0 17.9 26.9
125 14.8 7.0 10.4#





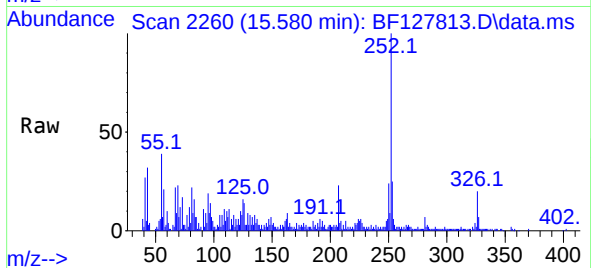
#90
Benzo(a)pyrene
Concen: 3.299 ng
RT: 15.580 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

Instrument :

BNA_F

ClientSampleId :

BU-03-041422



Tgt Ion:252 Resp: 38864
Ion Ratio Lower Upper
252 100
253 24.8 17.0 25.6
125 15.6 6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

