

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127814.D
 Acq On : 15 Apr 2022 20:21
 Operator : CG\JU
 Sample : N2391-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-041422

Manual Integrations
 APPROVED

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

Quant Time: Apr 18 01:27:27 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	6.945	152	146597	20.000	ng	-0.02
21) Naphthalene-d8	8.234	136	470759	20.000	ng	#-0.01
39) Acenaphthene-d10	9.992	164	220133	20.000	ng	-0.01
64) Phenanthrene-d10	11.480	188	375829	20.000	ng	-0.01
76) Chrysene-d12	14.127	240	338209	20.000	ng	-0.02
86) Perylene-d12	15.645	264	258062	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	164473	18.230	ng	-0.02
7) Phenol-d6	6.563	99	191636	16.237	ng	-0.02
23) Nitrobenzene-d5	7.504	82	124949	11.833	ng	-0.02
42) 2,4,6-Tribromophenol	10.775	330	40843	17.435	ng	-0.02
45) 2-Fluorobiphenyl	9.304	172	211681	13.603	ng	-0.02
79) Terphenyl-d14	13.069	244	232120	11.328	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.504	178	40571	2.037	ng	100
74) Di-n-butylphthalate	12.039	149	268958	12.190	ng	98
75) Fluoranthene	12.698	202	124380	5.724	ng	99
78) Pyrene	12.927	202	129127	4.521	ng	99
81) Benzo(a)anthracene	14.116	228	63617	2.816	ng	95
83) Chrysene	14.151	228	65960m	3.042	ng	
88) Benzo(b)fluoranthene	15.192	252	71466m	4.305	ng	
90) Benzo(a)pyrene	15.574	252	50520	3.744	ng	# 95
92) Benzo(g,h,i)perylene	17.662	276	29693	2.217	ng	97

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

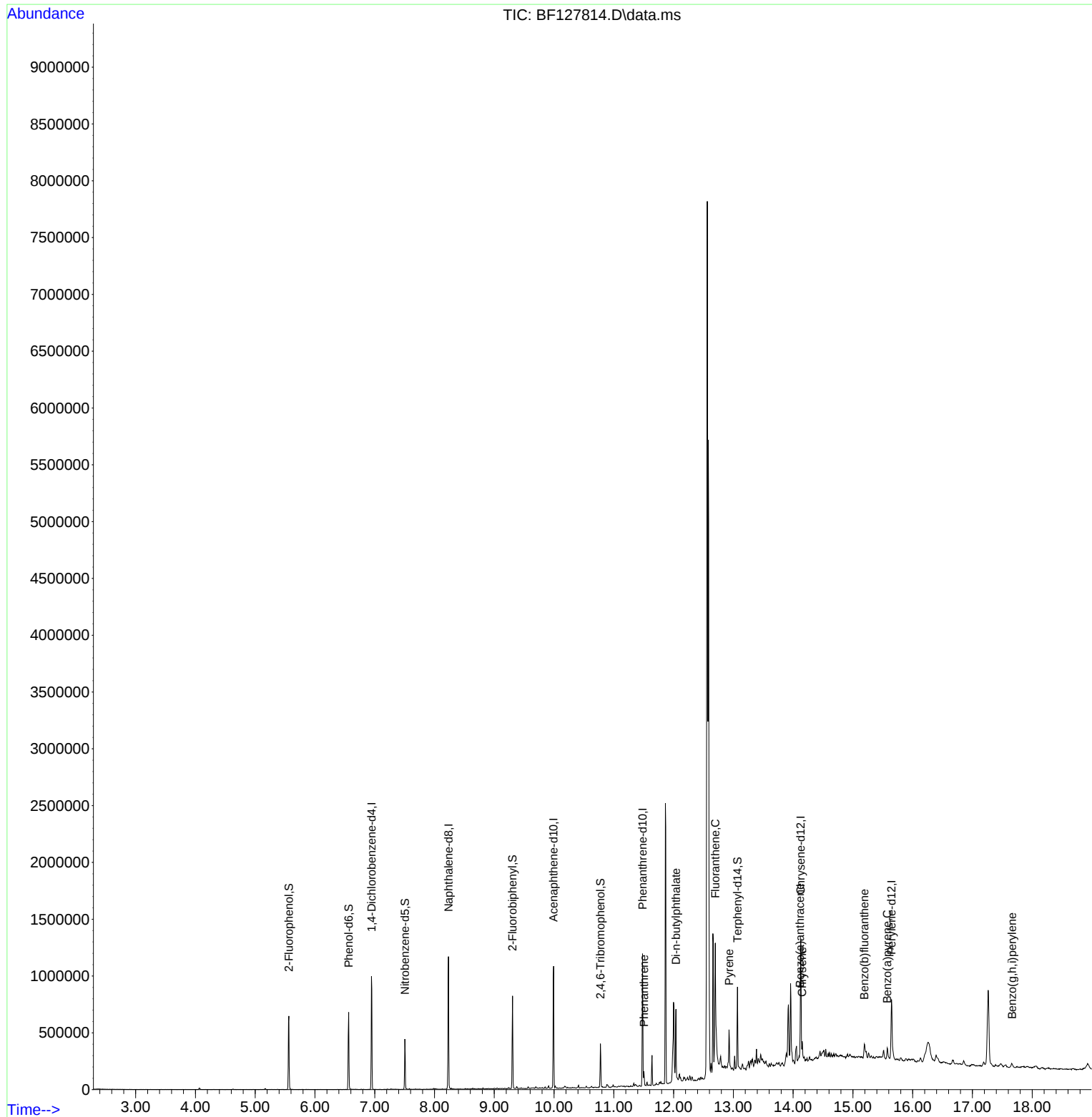
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127814.D
Acq On : 15 Apr 2022 20:21
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Sample : N2391-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

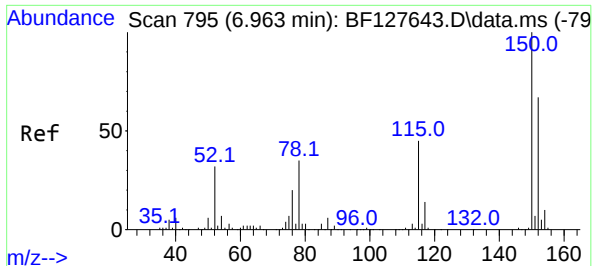
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





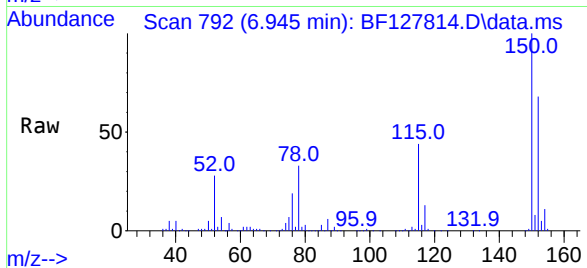
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 795
Delta R.T. -0.018 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21

Instrument :

BNA_F

ClientSampleId :

TR-06-041422

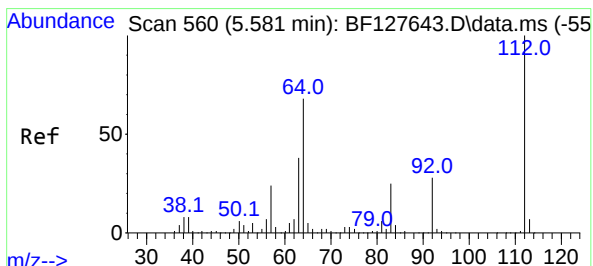
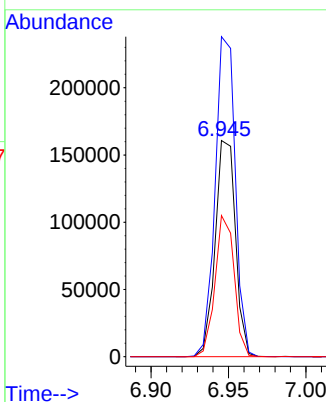
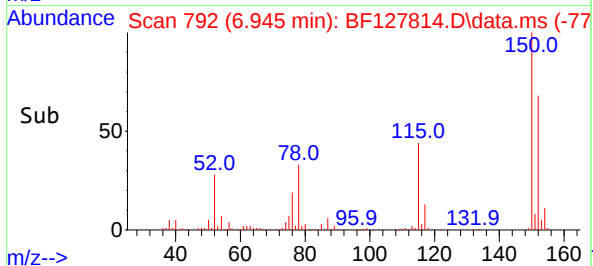


Tgt Ion:152 Resp: 146597
Ion Ratio Lower Upper
152 100
150 148.0 117.2 175.8
115 65.2 49.8 74.6

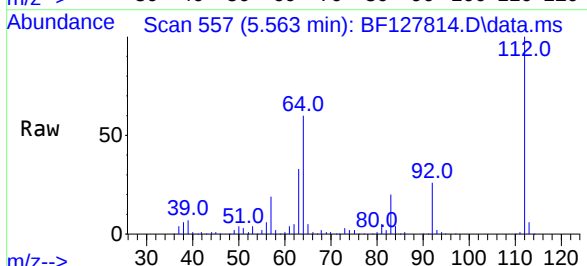
Manual Integrations

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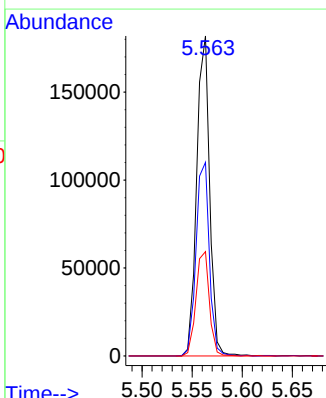
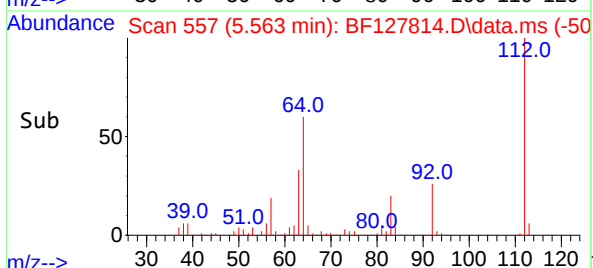
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

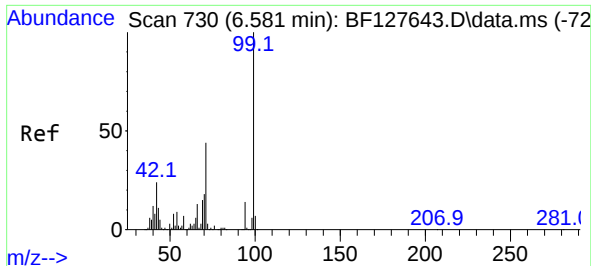


#5
2-Fluorophenol
Concen: 18.230 ng
RT: 5.563 min Scan# 557
Delta R.T. -0.018 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21



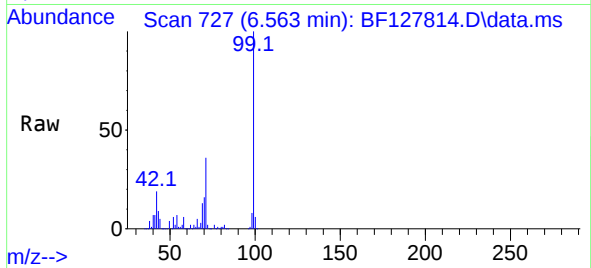
Tgt Ion:112 Resp: 164473
Ion Ratio Lower Upper
112 100
64 60.5 58.4 87.6
63 32.6 30.1 45.1





#7
Phenol-d6
Concen: 16.237 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21

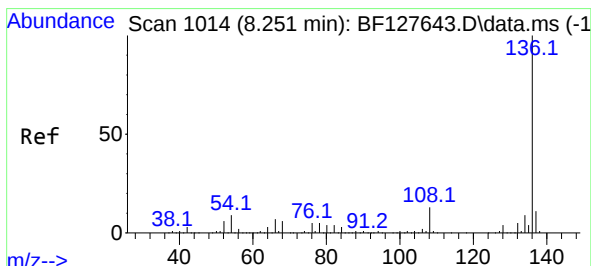
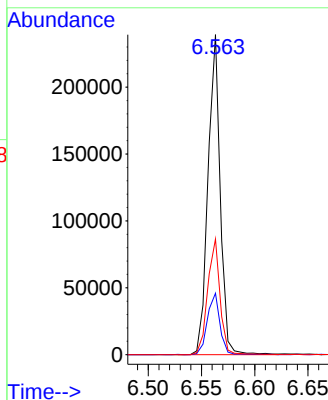
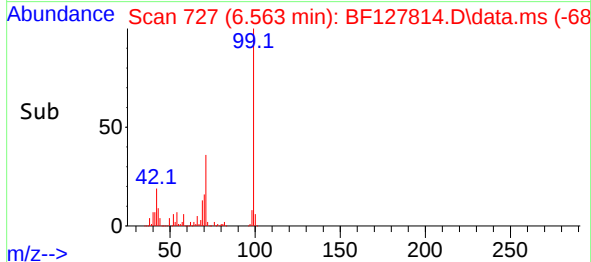
Instrument :
BNA_F
ClientSampleId :
TR-06-041422



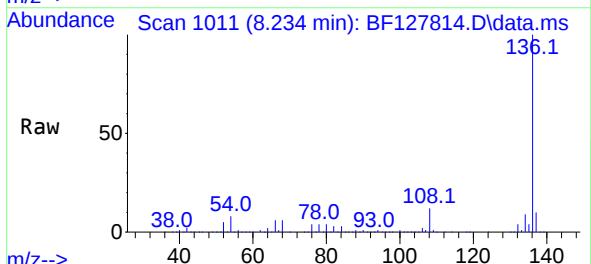
Tgt Ion: 99 Resp: 191630
Ion Ratio Lower Upper
99 100
42 19.2 17.8 26.6
71 36.2 29.6 44.4

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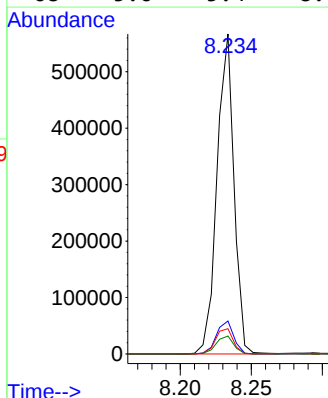
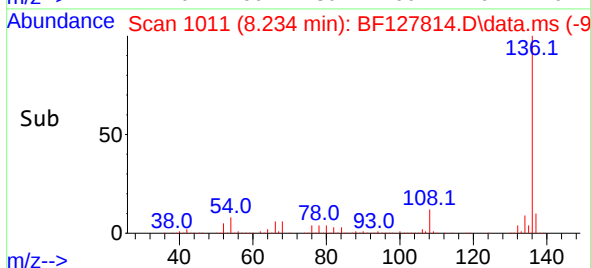
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

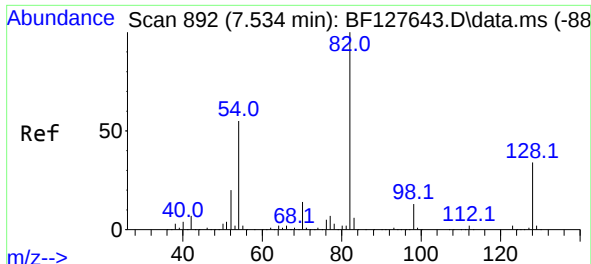


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21



Tgt Ion:136 Resp: 470759
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 7.9 9.2 13.8#
68 5.6 5.4 8.0





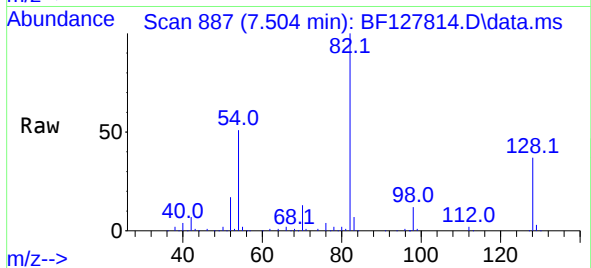
#23
Nitrobenzene-d5
Concen: 11.833 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.024 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21

Instrument :

BNA_F

ClientSampleId :

TR-06-041422

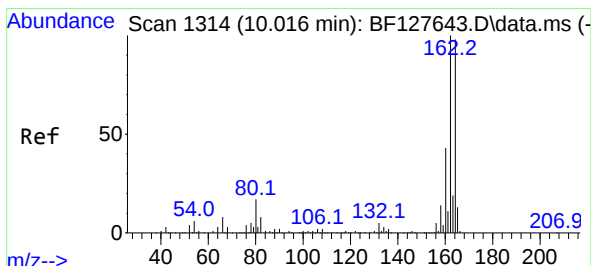
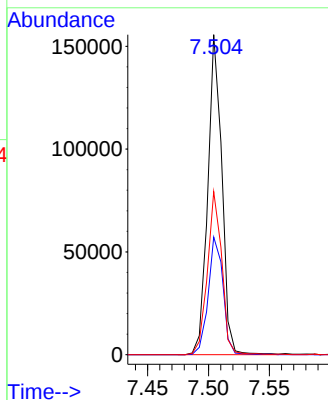
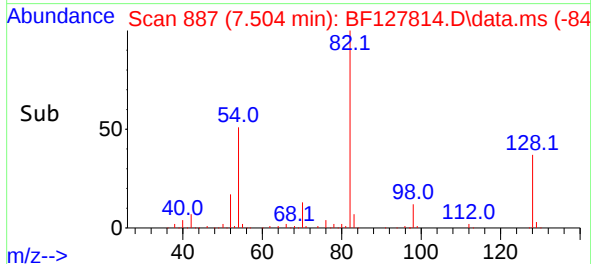


Tgt Ion: 82 Resp: 124949
Ion Ratio Lower Upper
82 100
128 36.8 30.6 45.8
54 51.0 48.2 72.2

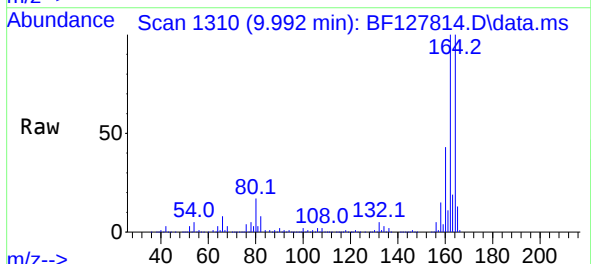
Manual Integrations

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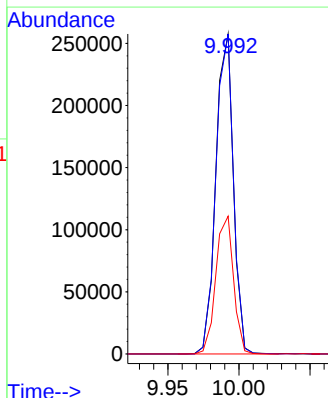
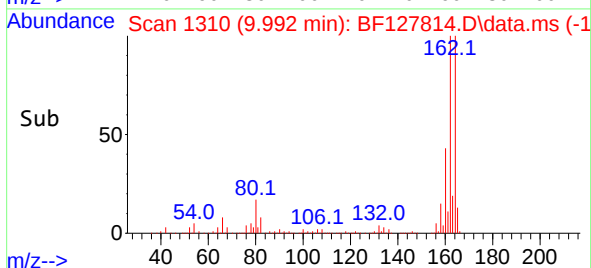
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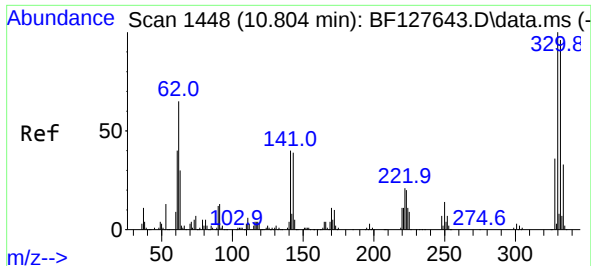


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21



Tgt Ion:164 Resp: 220133
Ion Ratio Lower Upper
164 100
162 100.0 81.2 121.8
160 43.1 34.6 52.0





#42
2,4,6-Tribromophenol
Concen: 17.435 ng
RT: 10.775 min Scan# 1448
Delta R.T. -0.024 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21

Instrument :

BNA_F

ClientSampleId :

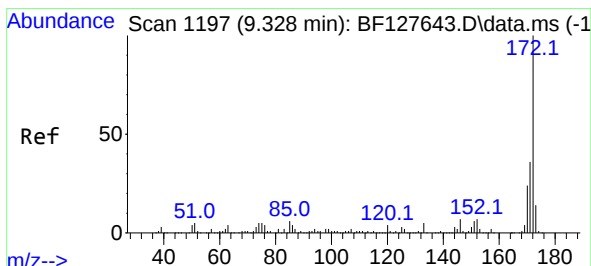
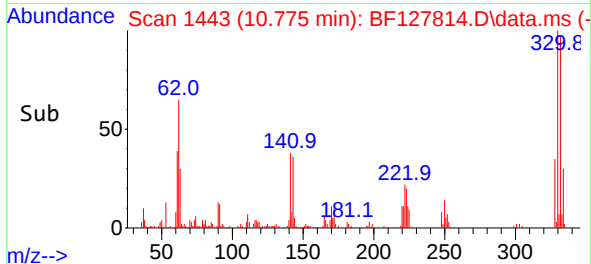
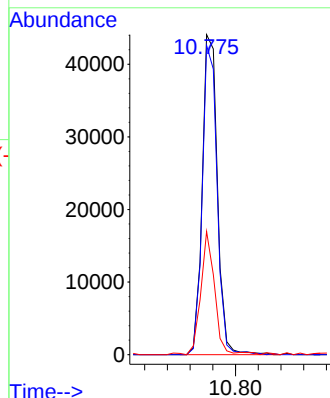
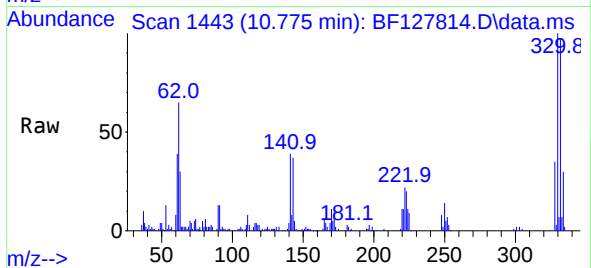
TR-06-041422

Tgt Ion: 330 Resp: 4084
Ion Ratio Lower Upper
330 100
332 94.6 79.1 118.7
141 35.5 26.2 39.4

Manual Integrations

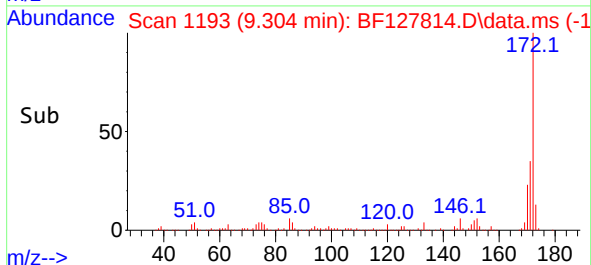
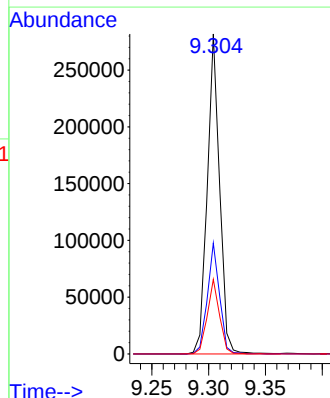
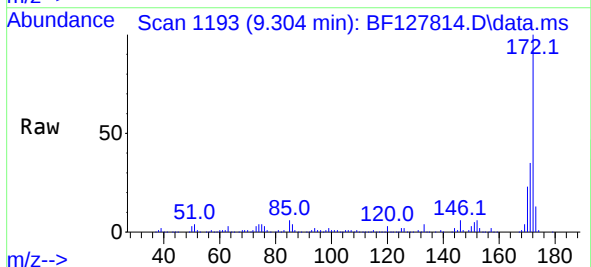
APPROVED

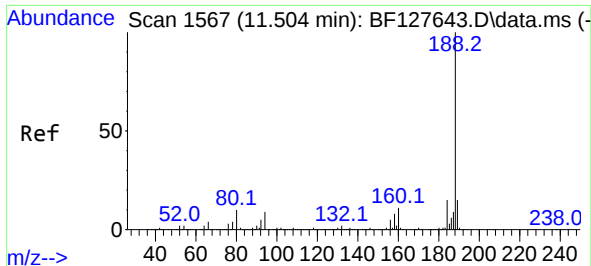
Reviewed By : Christian Giraldo 04/18/2022
Supervised By : Jagrut Upadhyay 04/18/2022



#45
2-Fluorobiphenyl
Concen: 13.603 ng
RT: 9.304 min Scan# 1193
Delta R.T. -0.018 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21

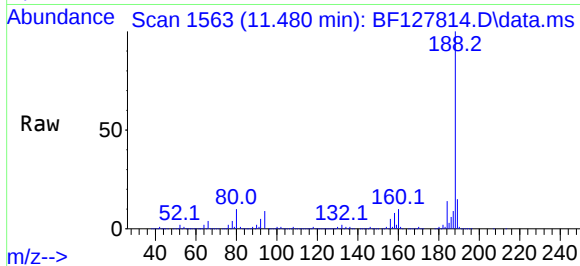
Tgt Ion: 172 Resp: 211681
Ion Ratio Lower Upper
172 100
171 34.7 28.4 42.6
170 23.3 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21

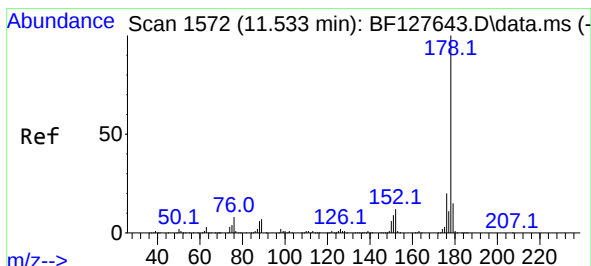
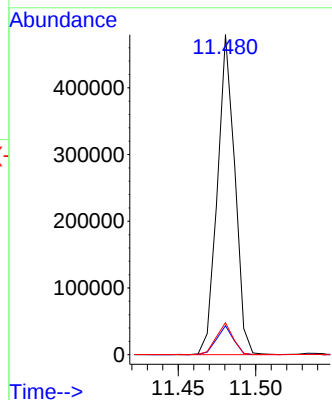
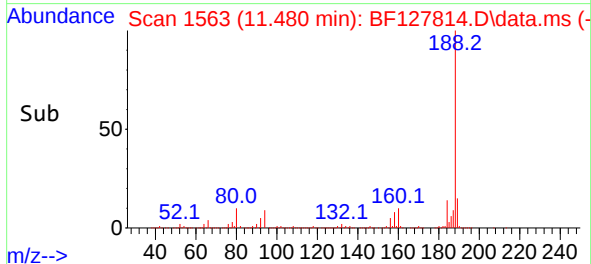
Instrument :
BNA_F
ClientSampleId :
TR-06-041422



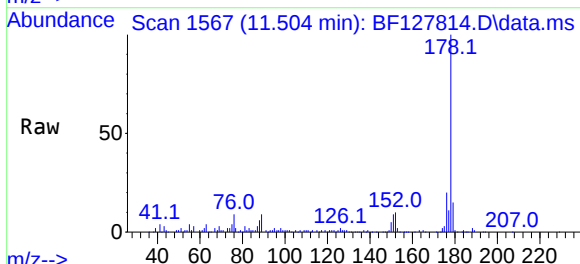
Tgt Ion:188 Resp: 375829
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.0
80 10.0 8.0 12.0

Manual Integrations
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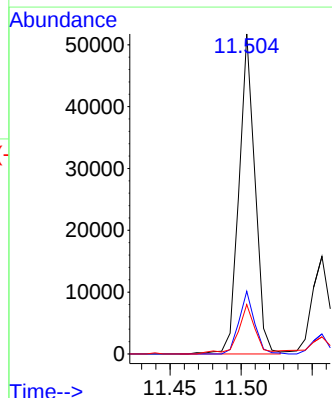
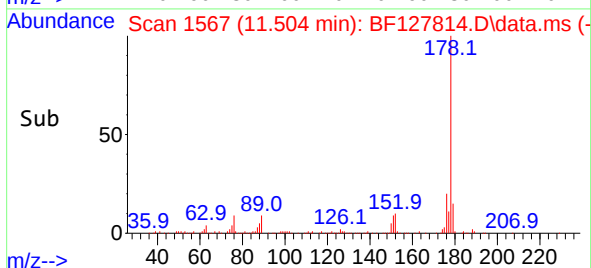
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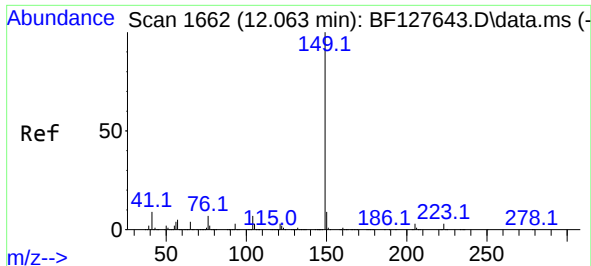


#71
Phenanthrene
Concen: 2.037 ng
RT: 11.504 min Scan# 1567
Delta R.T. -0.018 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21



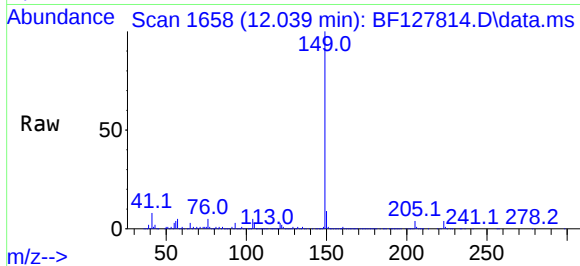
Tgt Ion:178 Resp: 40571
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.4 12.4 18.6





#74
Di-n-butylphthalate
Concen: 12.190 ng
RT: 12.039 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21

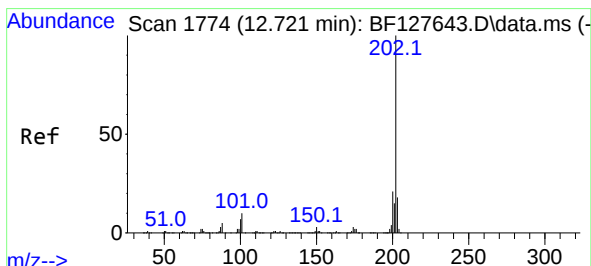
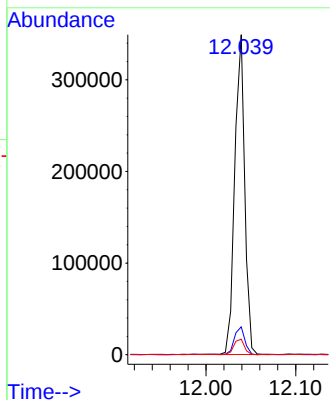
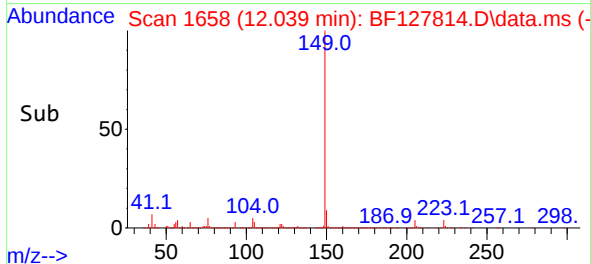
Instrument :
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TR-06-041422



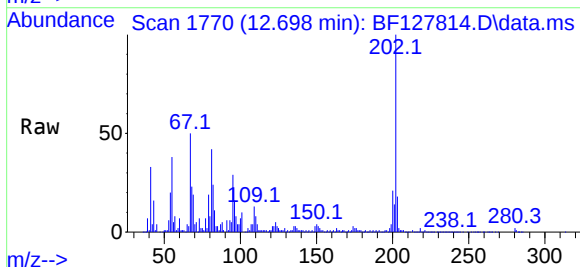
Tgt Ion:149 Resp: 26895
Ion Ratio Lower Upper
149 100
150 8.7 7.5 11.3
104 4.8 4.2 6.2

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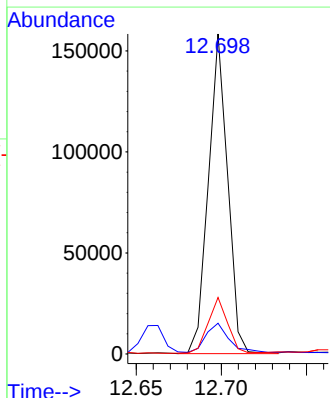
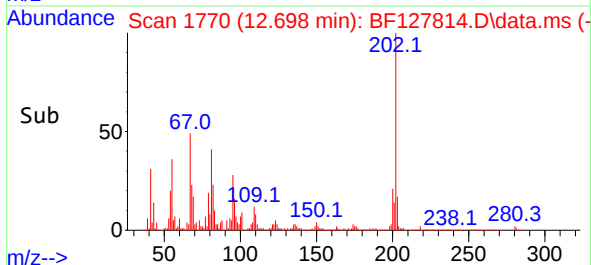
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

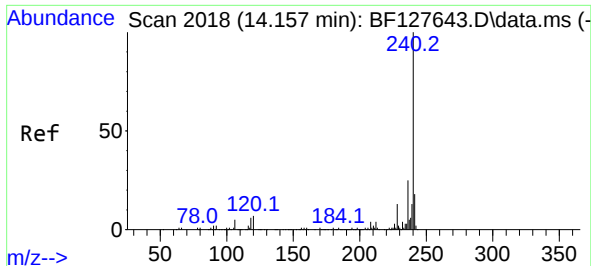


#75
Fluoranthene
Concen: 5.724 ng
RT: 12.698 min Scan# 1770
Delta R.T. -0.012 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21



Tgt Ion:202 Resp: 124380
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.0
203 17.6 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21

Instrument :

BNA_F

ClientSampleId :

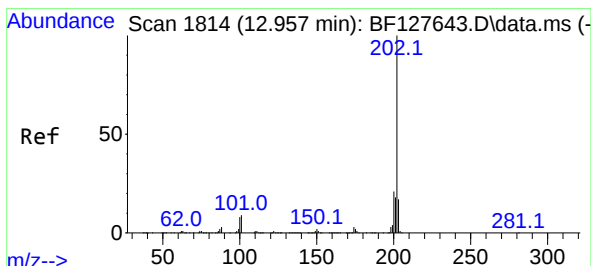
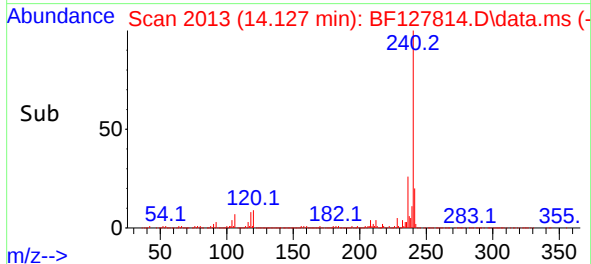
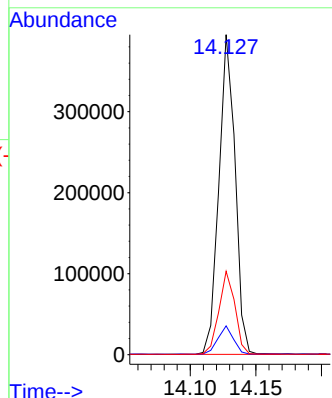
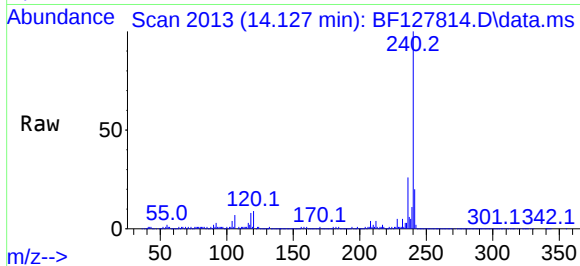
TR-06-041422

Tgt Ion:240 Resp: 338209
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 26.1 20.7 31.1

Manual Integrations

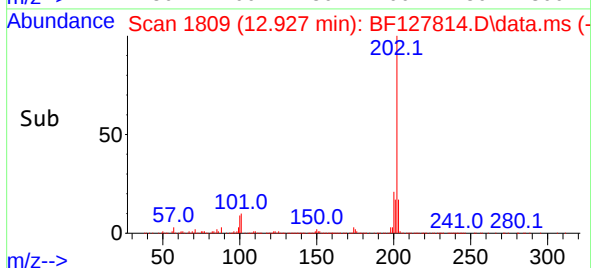
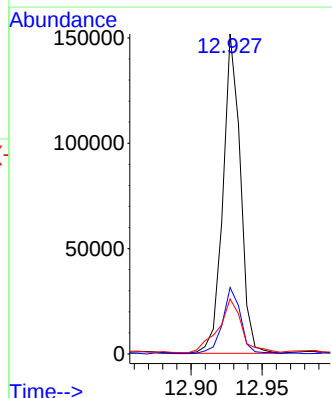
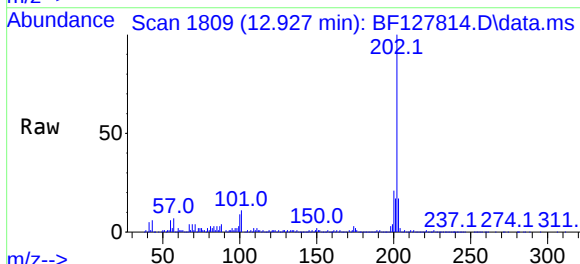
APPROVED

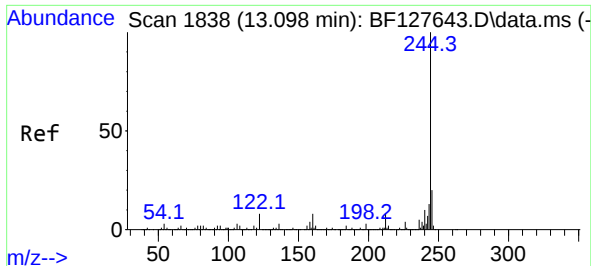
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#78
Pyrene
Concen: 4.521 ng
RT: 12.927 min Scan# 1809
Delta R.T. -0.018 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21

Tgt Ion:202 Resp: 129127
Ion Ratio Lower Upper
202 100
200 20.8 17.1 25.7
203 17.2 14.3 21.5





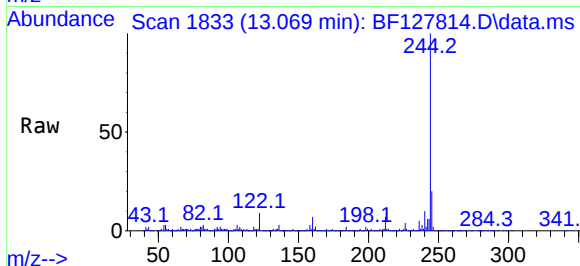
#79
Terphenyl-d14
Concen: 11.328 ng
RT: 13.069 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21

Instrument :

BNA_F

ClientSampleId :

TR-06-041422

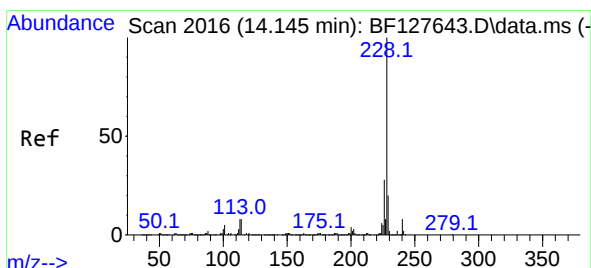
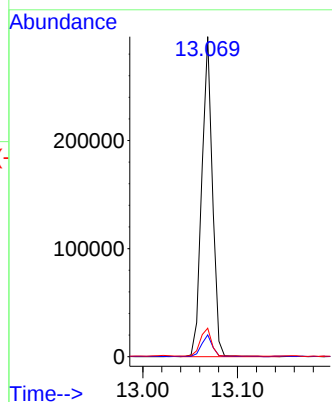
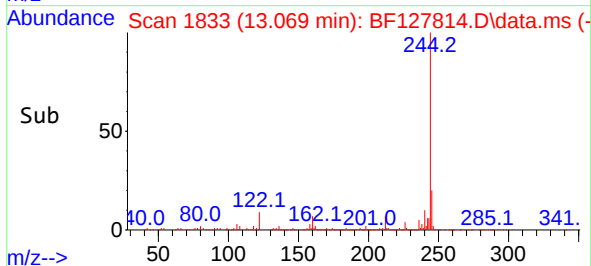


Tgt Ion:244 Resp: 232120
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 8.9 6.2 9.2

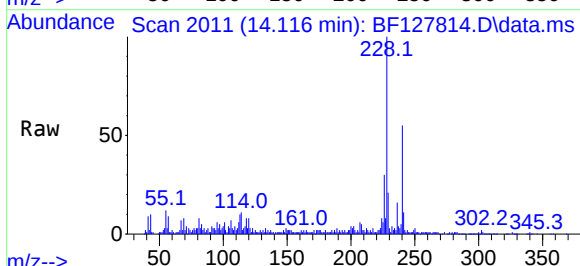
Manual Integrations

APPROVED

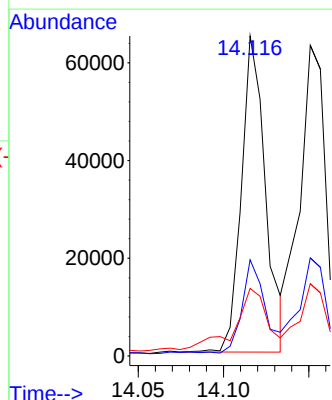
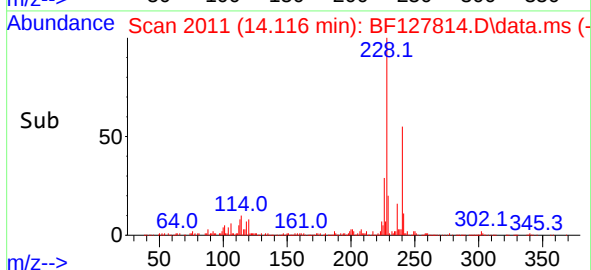
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

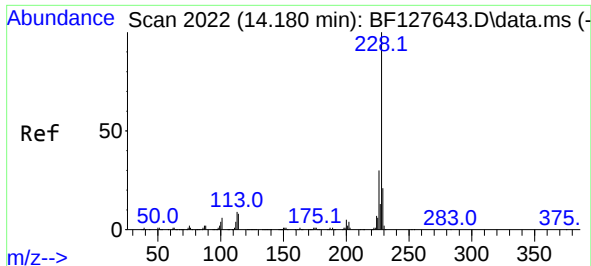


#81
Benzo(a)anthracene
Concen: 2.816 ng
RT: 14.116 min Scan# 2011
Delta R.T. -0.018 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21



Tgt Ion:228 Resp: 63617
Ion Ratio Lower Upper
228 100
226 30.1 21.6 32.4
229 21.1 15.4 23.2





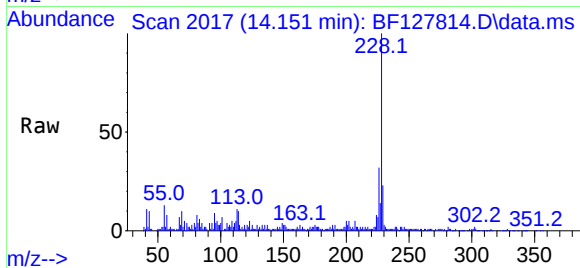
#83
Chrysene
Concen: 3.042 ng m
RT: 14.151 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21

Instrument :

BNA_F

ClientSampleId :

TR-06-041422

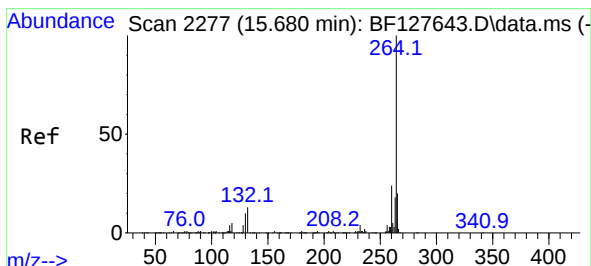
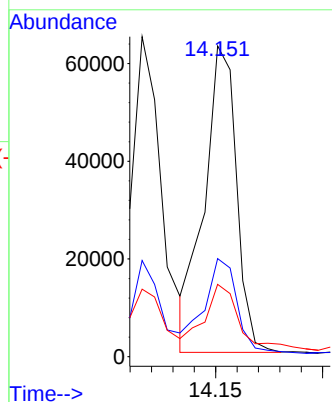
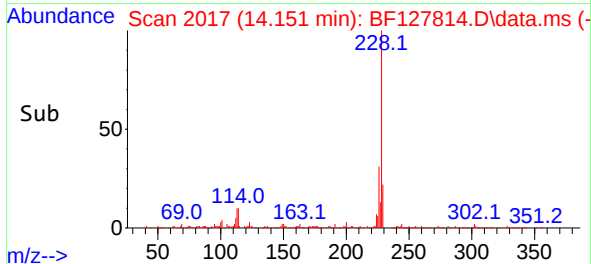


Tgt Ion:228 Resp: 65960
Ion Ratio Lower Upper
228 100
226 31.6 24.2 36.4
229 23.3 15.4 23.2

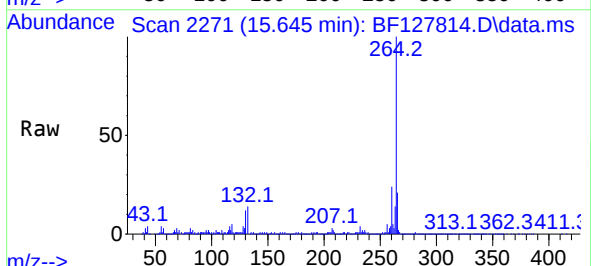
Manual Integrations

APPROVED

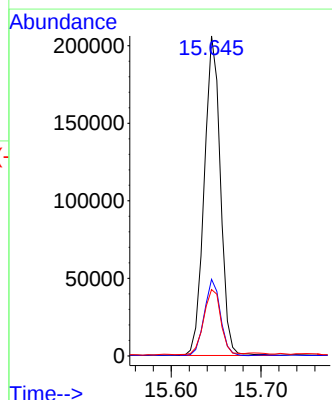
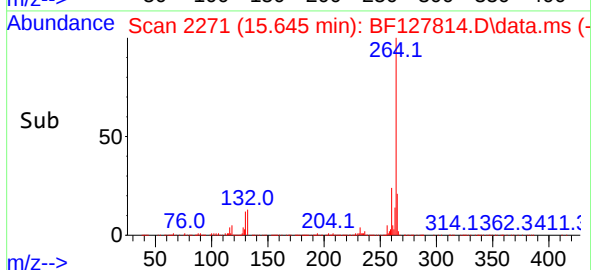
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

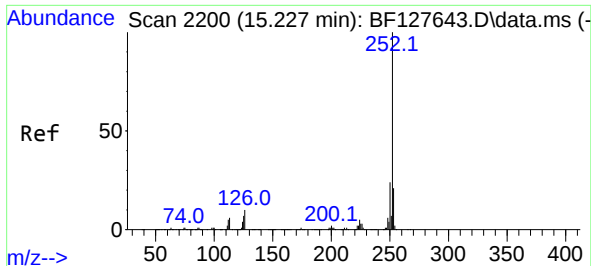


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 2271
Delta R.T. -0.018 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21



Tgt Ion:264 Resp: 258062
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 20.8 17.4 26.2





#88
Benzo(b)fluoranthene
Concen: 4.305 ng m
RT: 15.192 min Scan# 2194
Delta R.T. -0.018 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21

Instrument :

BNA_F

ClientSampleId :

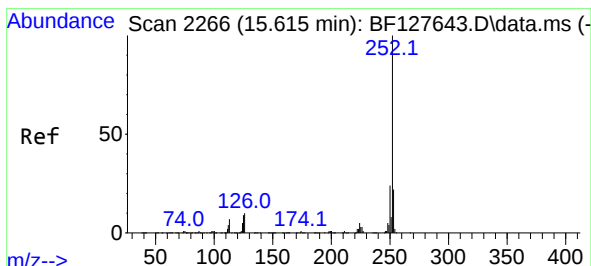
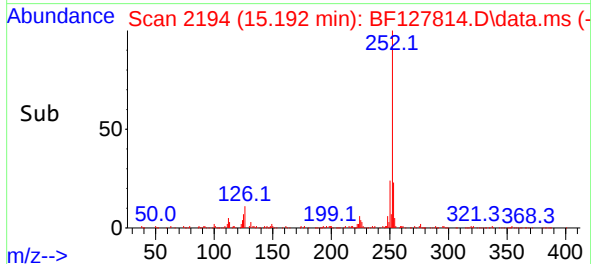
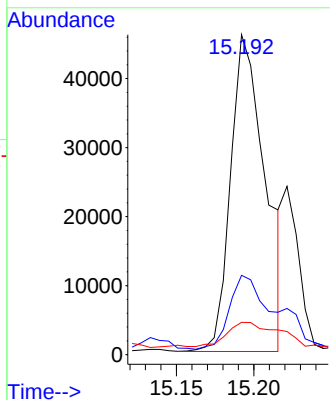
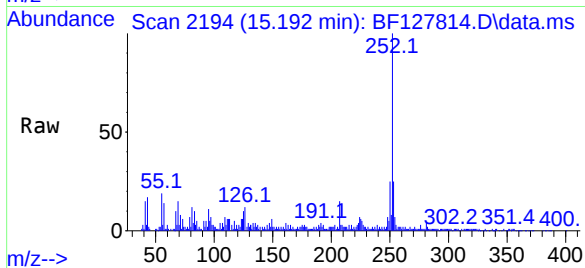
TR-06-041422

Tgt Ion:252 Resp: 71460
Ion Ratio Lower Upper
252 100
253 24.8 17.9 26.9
125 10.1 7.0 10.4

Manual Integrations

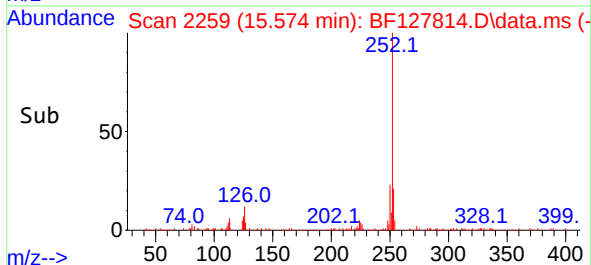
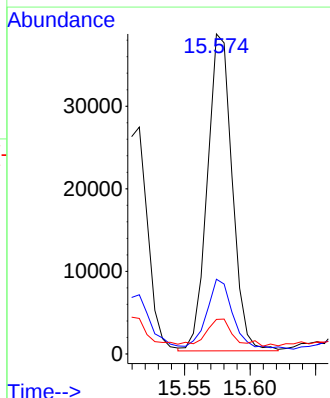
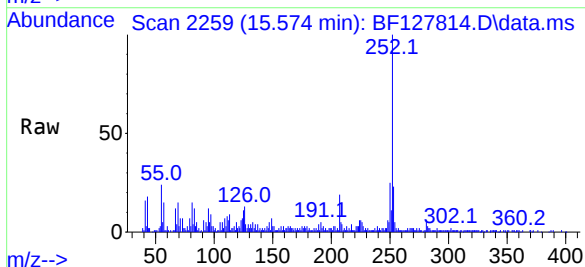
APPROVED

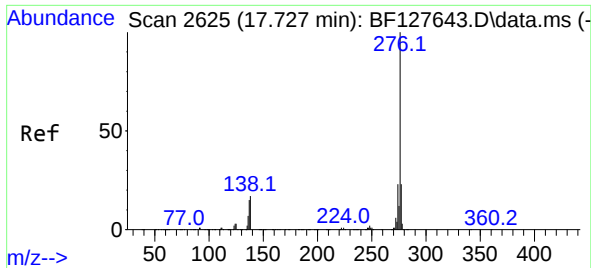
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#90
Benzo(a)pyrene
Concen: 3.744 ng
RT: 15.574 min Scan# 2259
Delta R.T. -0.024 min
Lab File: BF127814.D
Acq: 15 Apr 2022 20:21

Tgt Ion:252 Resp: 50520
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.6
125 10.8 6.7 10.1#





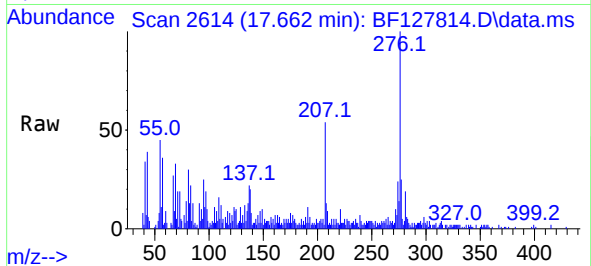
#92
 Benzo(g,h,i)perylene
 Concen: 2.217 ng
 RT: 17.662 min Scan# 20
 Delta R.T. -0.041 min
 Lab File: BF127814.D
 Acq: 15 Apr 2022 20:21

Instrument :

BNA_F

ClientSampleId :

TR-06-041422



Tgt Ion: 276 Resp: 2969
 Ion Ratio Lower Upper
 276 100
 277 24.9 19.0 28.4
 138 20.0 14.6 22.0

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 04/18/2022

Supervised By : Jagrut Upadhyay 04/18/2022

