

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127727.D
 Acq On : 08 Apr 2022 21:51
 Operator : CG\JU
 Sample : N2329-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 285

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/11/2022
 Supervised By : Jagrut Upadhyay 04/11/2022

Quant Time: Apr 11 02:23:37 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 06 13:55:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	141603	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	510562	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	283893	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	453633	20.000	ng	0.00
76) Chrysene-d12	14.151	240	298343	20.000	ng	0.00
86) Perylene-d12	15.686	264	302633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	740264	84.946	ng	0.04
7) Phenol-d6	6.628	99	1006746	88.307	ng	0.05
23) Nitrobenzene-d5	7.528	82	638066	55.715	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	238352	78.897	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	989526	49.309	ng	0.00
79) Terphenyl-d14	13.092	244	928135	51.350	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.527	178	99218	4.128	ng	97
75) Fluoranthene	12.721	202	244262	9.313	ng	99
78) Pyrene	12.951	202	306208	12.155	ng	99
81) Benzo(a)anthracene	14.139	228	167450m	8.404	ng	
83) Chrysene	14.174	228	169940	8.885	ng	97
87) Indeno(1,2,3-cd)pyrene	17.239	276	103461	5.472	ng	96
88) Benzo(b)fluoranthene	15.227	252	256883m	13.195	ng	
89) Benzo(k)fluoranthene	15.251	252	75380m	3.904	ng	
90) Benzo(a)pyrene	15.615	252	193707	12.242	ng	98
92) Benzo(g,h,i)perylene	17.715	276	98078	6.245	ng	97

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

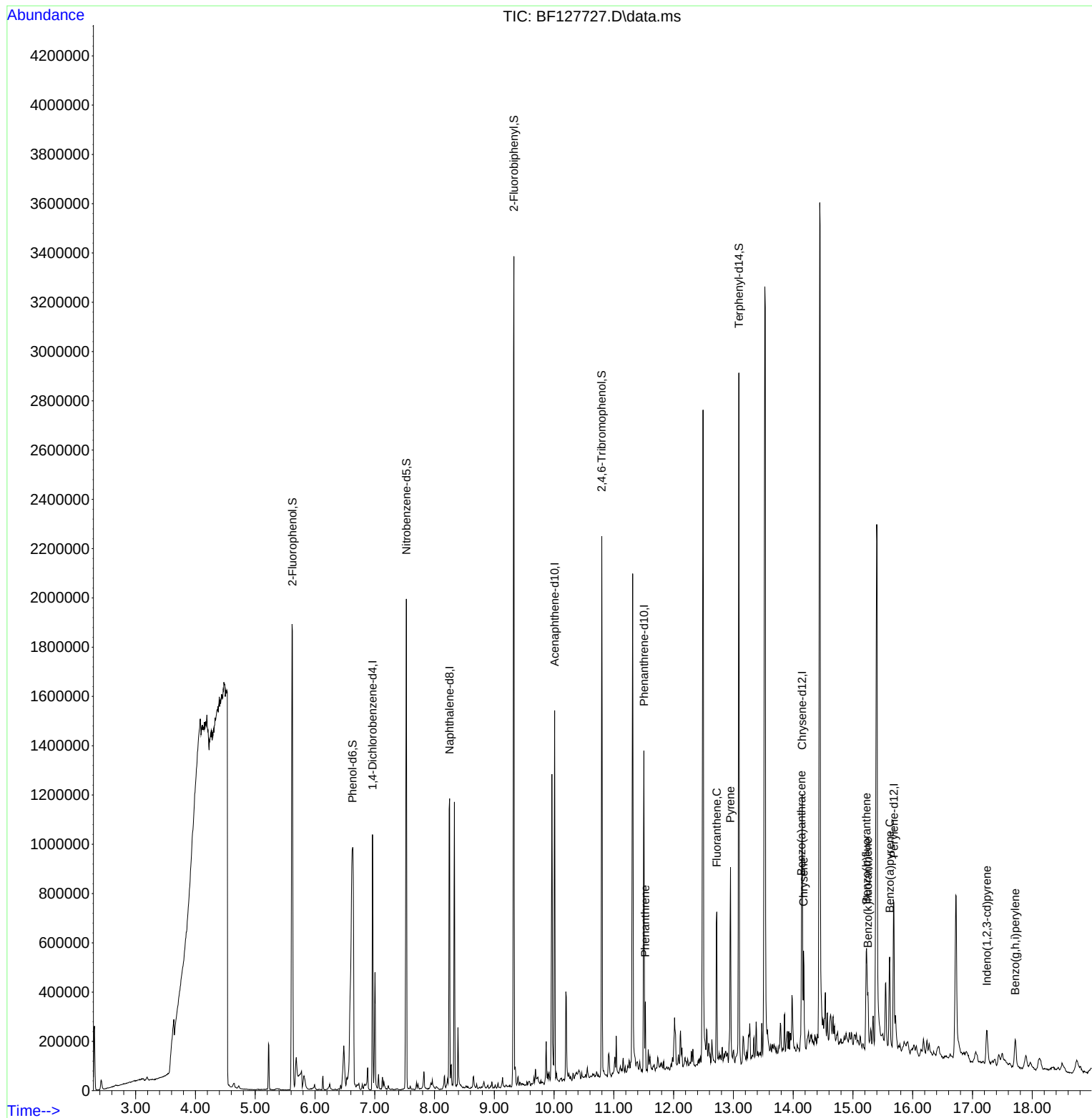
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
Data File : BF127727.D
Acq On : 08 Apr 2022 21:51
Operator : CG\JU
Sample : N2329-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

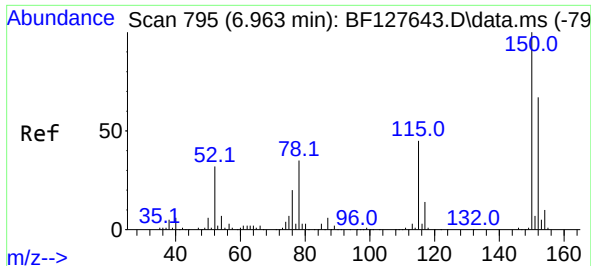
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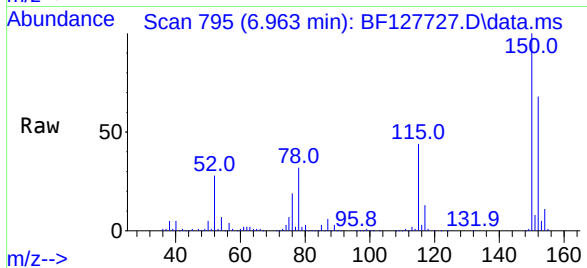
Quant Time: Apr 11 02:23:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

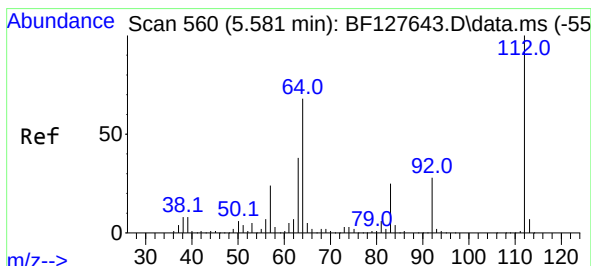
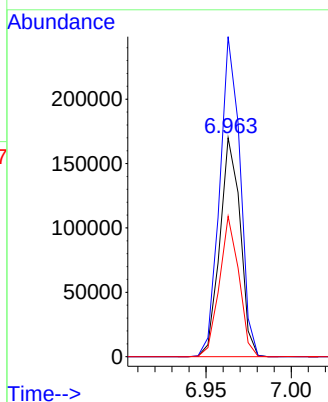
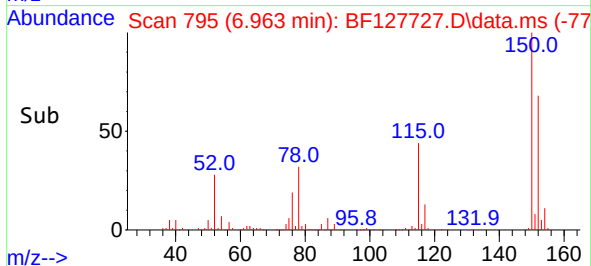
Instrument :
BNA_F
ClientSampleId :
285



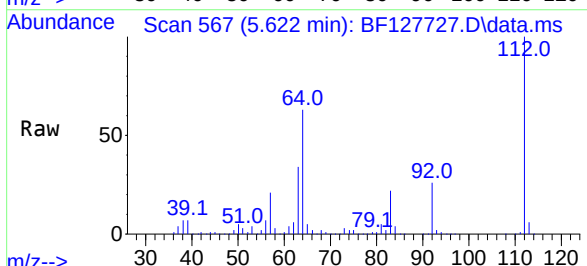
Tgt Ion:152 Resp: 141600
Ion Ratio Lower Upper
152 100
150 146.2 117.2 175.8
115 64.1 49.8 74.6

Manual Integrations
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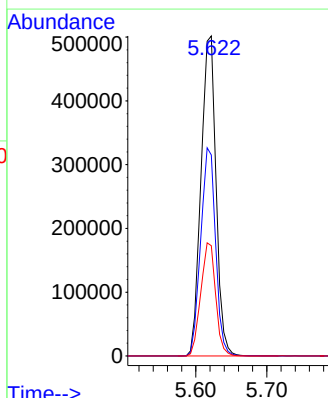
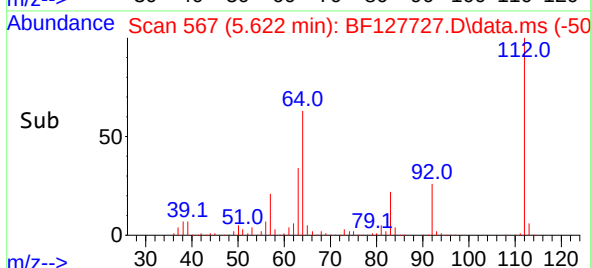
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

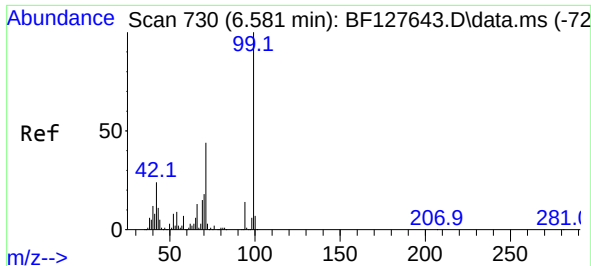


#5
2-Fluorophenol
Concen: 84.946 ng
RT: 5.622 min Scan# 567
Delta R.T. 0.041 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51



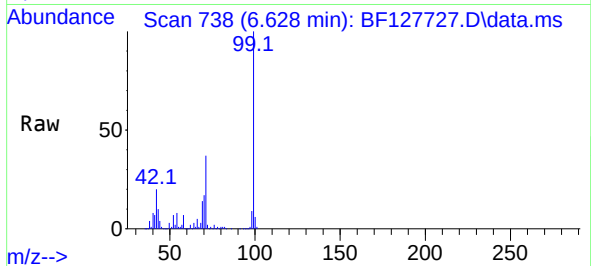
Tgt Ion:112 Resp: 740264
Ion Ratio Lower Upper
112 100
64 62.8 58.4 87.6
63 34.5 30.1 45.1





#7
Phenol-d6
Concen: 88.307 ng
RT: 6.628 min Scan# 71
Delta R.T. 0.047 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

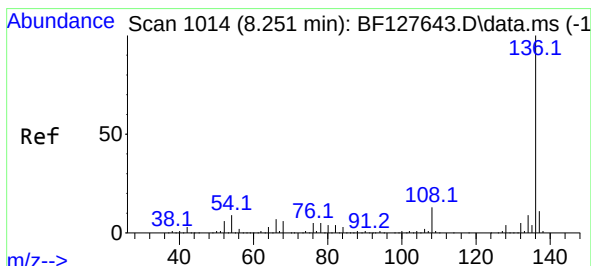
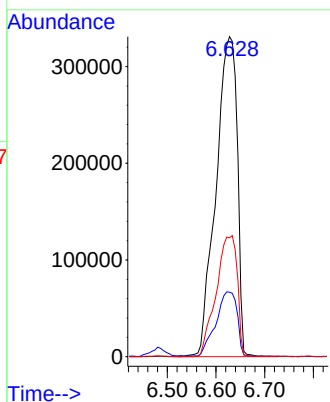
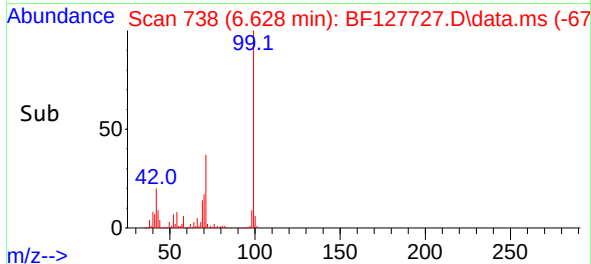
Instrument :
BNA_F
ClientSampleId :
285



Tgt Ion: 99 Resp: 1006740
Ion Ratio Lower Upper
99 100
42 20.2 17.8 26.6
71 37.1 29.6 44.4

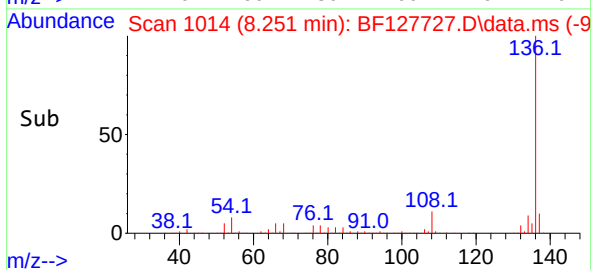
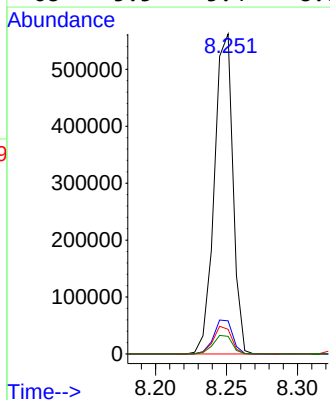
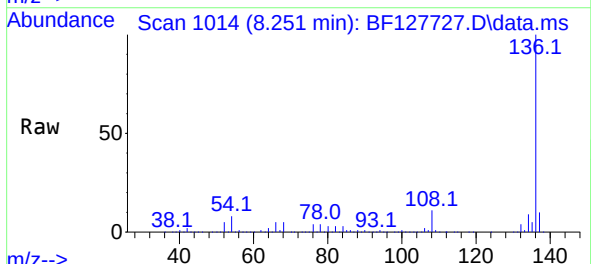
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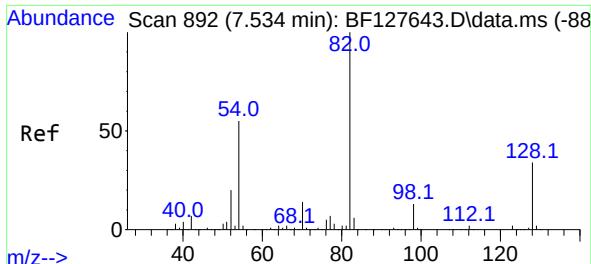
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

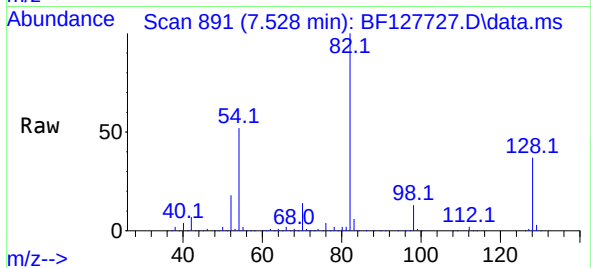
Tgt Ion:136 Resp: 510562
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 7.7 9.2 13.8#
68 5.5 5.4 8.0





#23
Nitrobenzene-d5
Concen: 55.715 ng
RT: 7.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

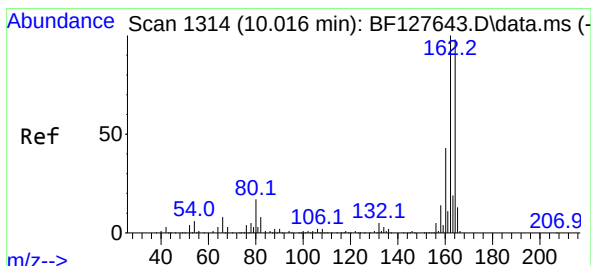
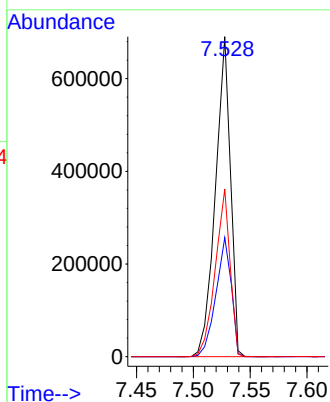
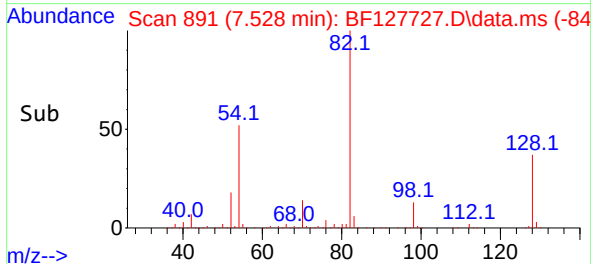
Instrument :
BNA_F
ClientSampleId :
285



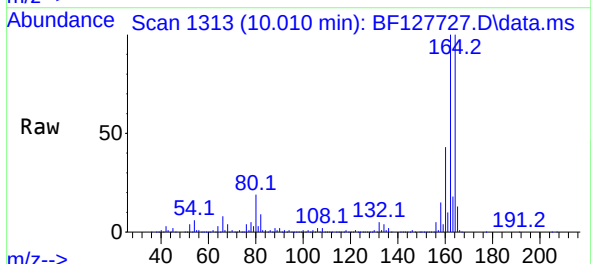
Tgt Ion: 82 Resp: 638060
Ion Ratio Lower Upper
82 100
128 37.2 30.6 45.8
54 52.4 48.2 72.2

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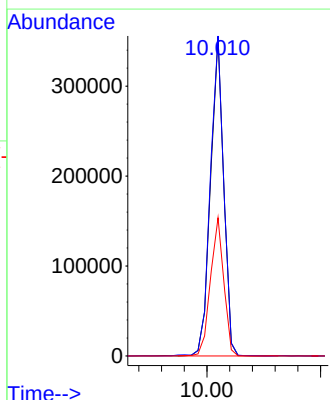
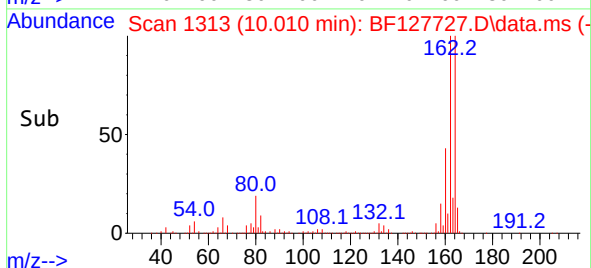
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

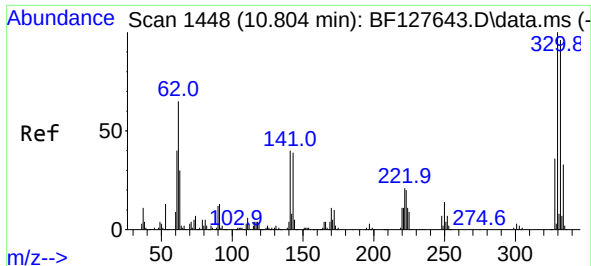


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51



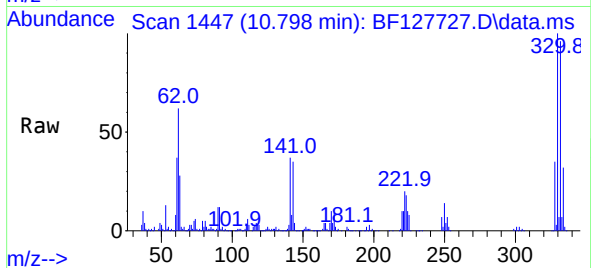
Tgt Ion:164 Resp: 283893
Ion Ratio Lower Upper
164 100
162 100.3 81.2 121.8
160 43.3 34.6 52.0





#42
2,4,6-Tribromophenol
Concen: 78.897 ng
RT: 10.798 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

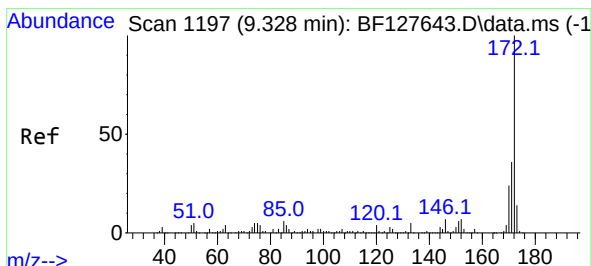
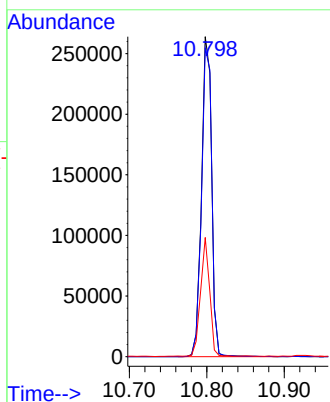
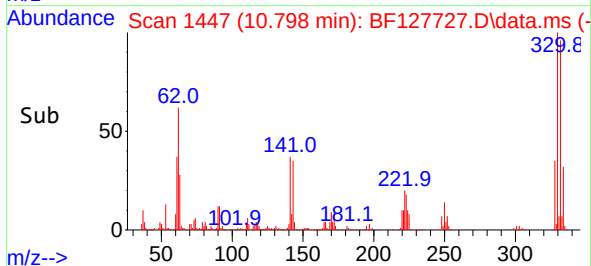
Instrument :
BNA_F
ClientSampleId :
285



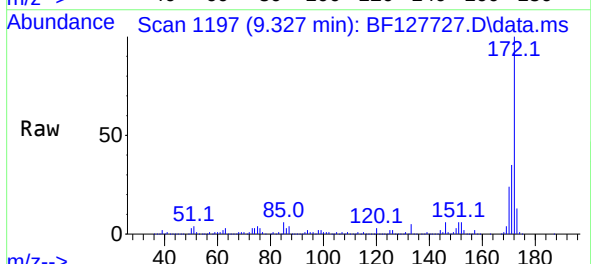
Tgt Ion: 330 Resp: 238352
Ion Ratio Lower Upper
330 100
332 98.6 79.1 118.7
141 33.9 26.2 39.4

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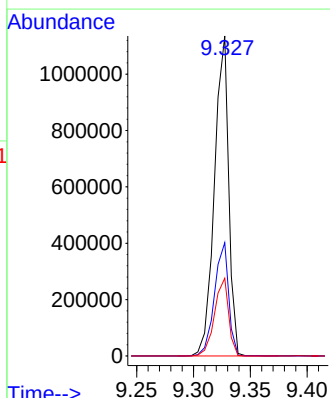
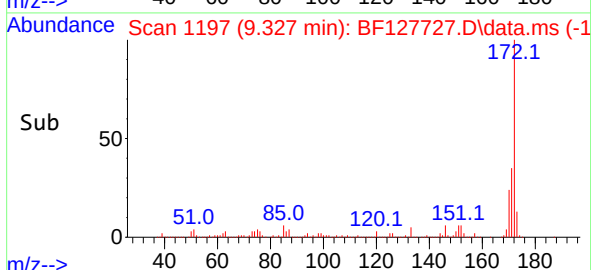
Reviewed By : Christian Giraldo 04/11/2022
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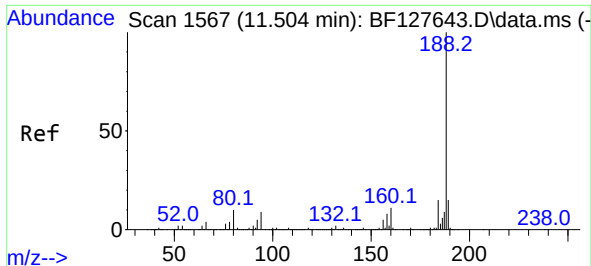


#45
2-Fluorobiphenyl
Concen: 49.309 ng
RT: 9.327 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51



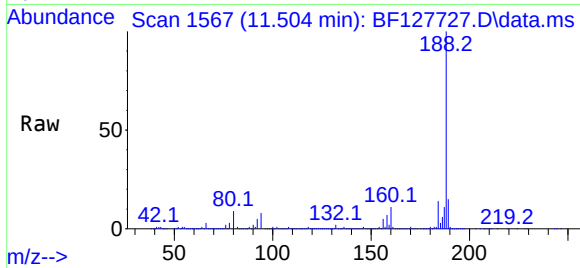
Tgt Ion: 172 Resp: 989526
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 24.3 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11567
Delta R.T. -0.000 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

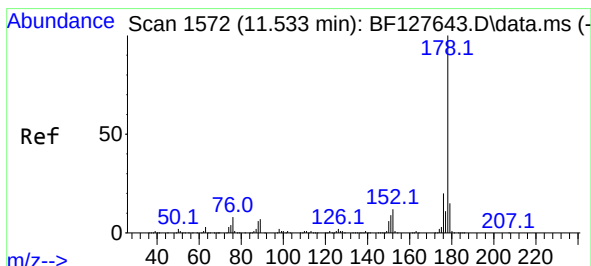
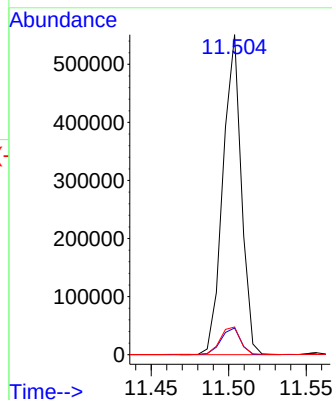
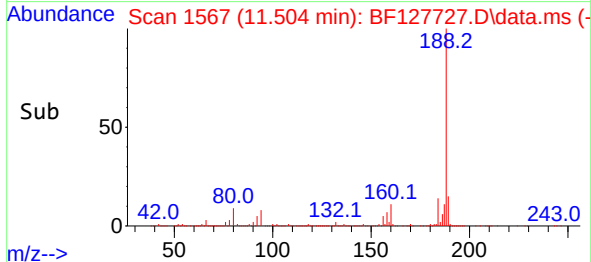
Instrument :
BNA_F
ClientSampleId :
285



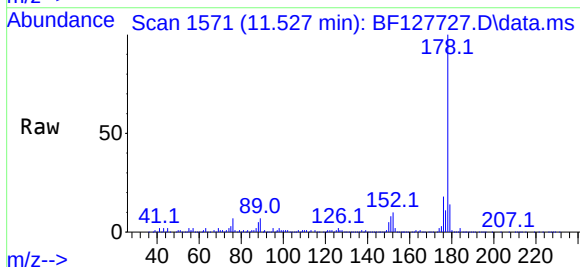
Tgt Ion:188 Resp: 45363
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.0
80 8.7 8.0 12.0

Manual Integrations
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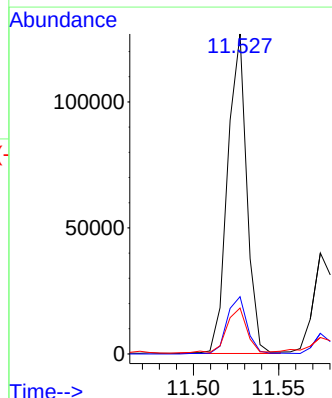
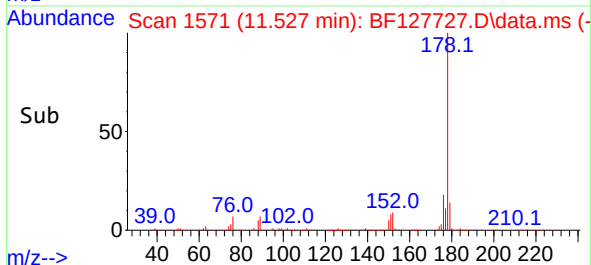
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

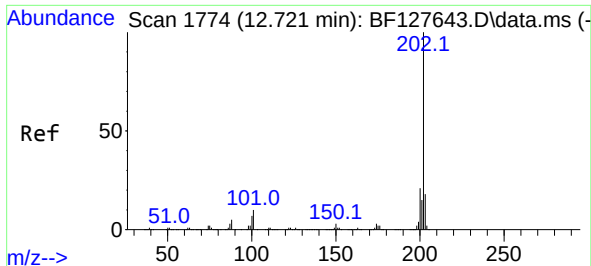


#71
Phenanthrene
Concen: 4.128 ng
RT: 11.527 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51



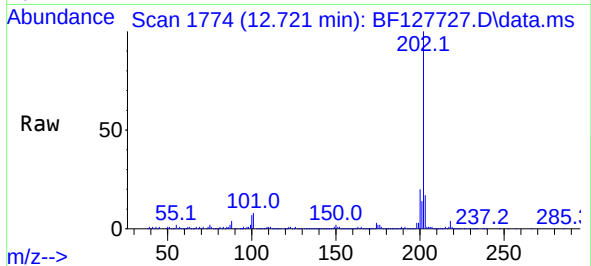
Tgt Ion:178 Resp: 99218
Ion Ratio Lower Upper
178 100
176 17.9 15.4 23.2
179 14.4 12.4 18.6





#75
Fluoranthene
Concen: 9.313 ng
RT: 12.721 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

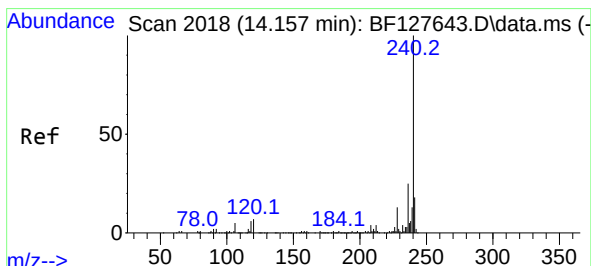
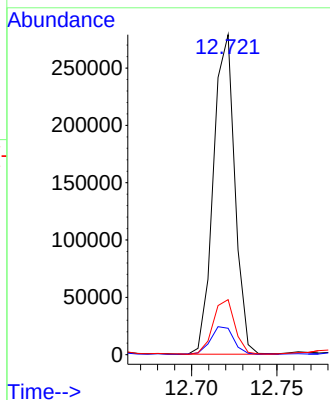
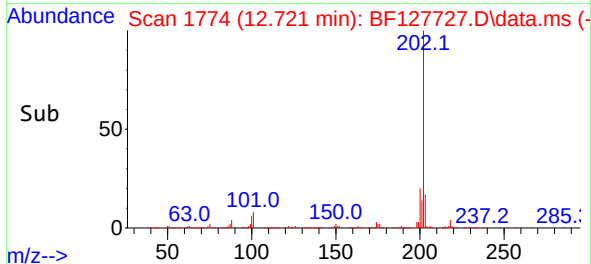
Instrument :
BNA_F
ClientSampleId :
285



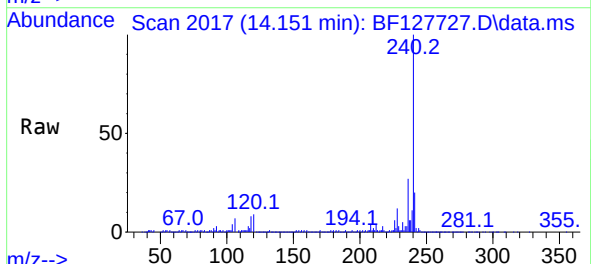
Tgt Ion:202 Resp: 244262
Ion Ratio Lower Upper
202 100
101 8.3 0.0 29.0
203 17.2 0.0 37.7

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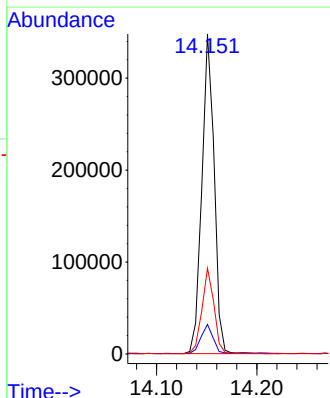
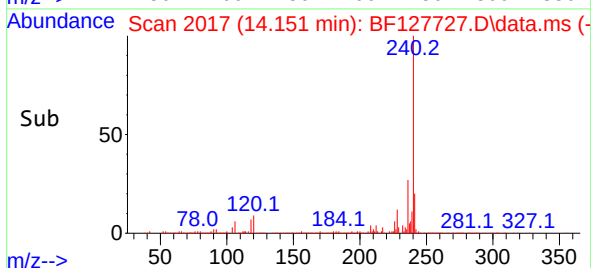
Reviewed By :Christian Giraldo 04/11/2022
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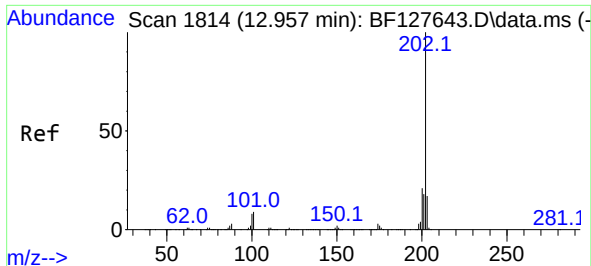


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51



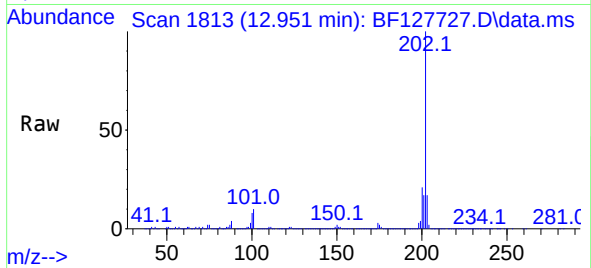
Tgt Ion:240 Resp: 298343
Ion Ratio Lower Upper
240 100
120 9.2 7.1 10.7
236 26.8 20.7 31.1





#78
Pyrene
Concen: 12.155 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

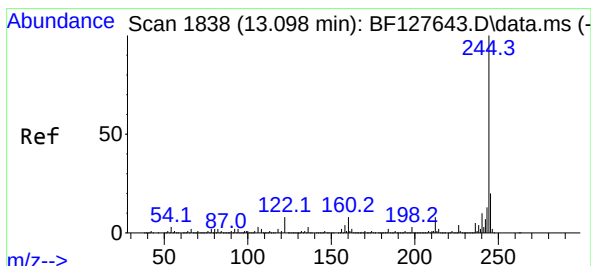
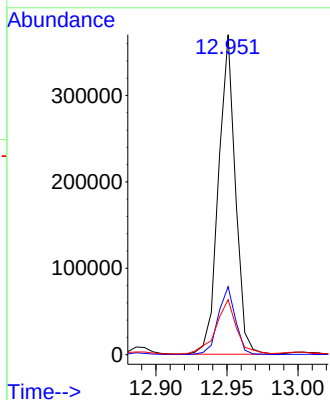
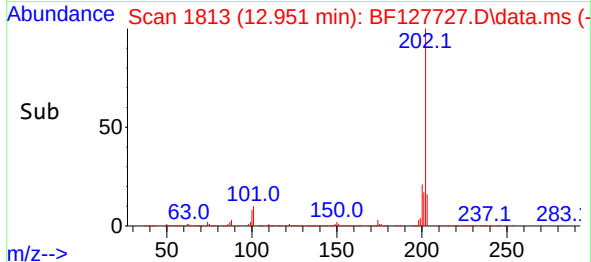
Instrument :
BNA_F
ClientSampleId :
285



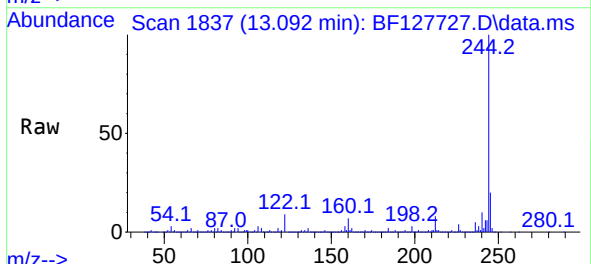
Tgt Ion:202 Resp: 306208
Ion Ratio Lower Upper
202 100
200 21.3 17.1 25.7
203 17.2 14.3 21.5

Manual Integrations
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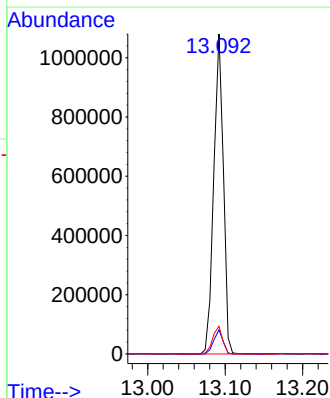
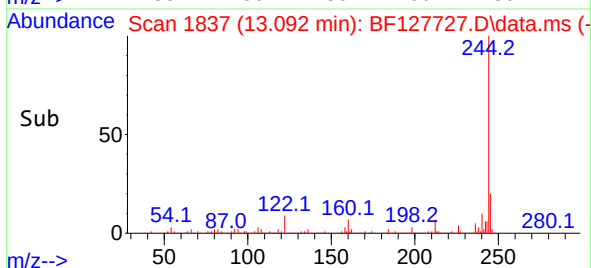
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

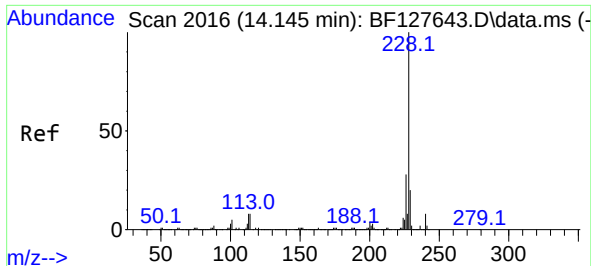


#79
Terphenyl-d14
Concen: 51.350 ng
RT: 13.092 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51



Tgt Ion:244 Resp: 928135
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 8.6 6.2 9.2





#81

Benzo(a)anthracene

Concen: 8.404 ng m

RT: 14.139 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF127727.D

Acq: 08 Apr 2022 21:51

Instrument :

BNA_F

ClientSampleId :

285

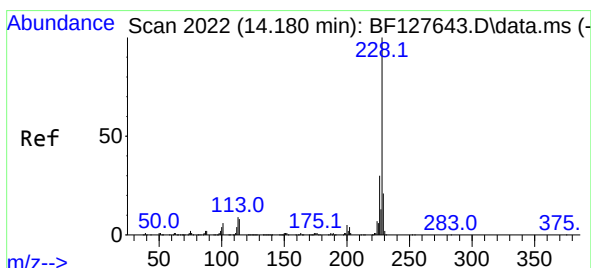
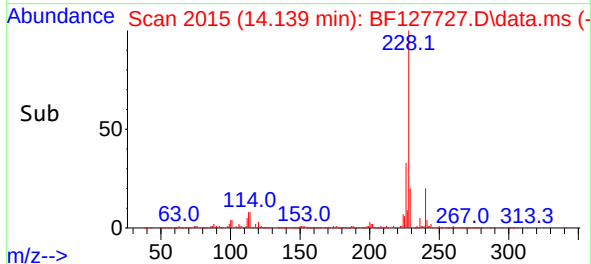
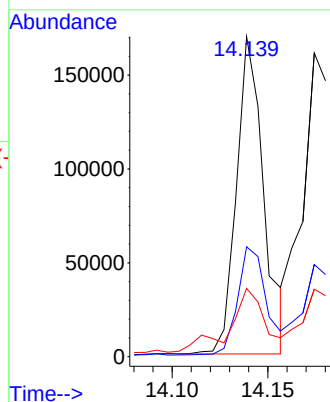
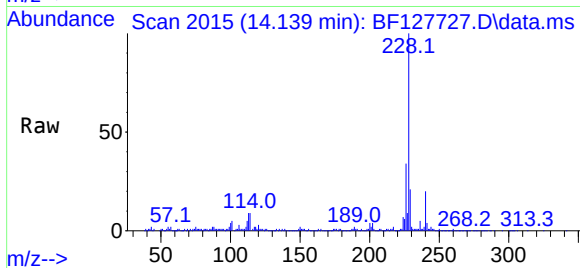
Tgt Ion:228 Resp: 167450
 Ion Ratio Lower Upper
 228 100
 226 34.3 21.6 32.4
 229 21.4 15.4 23.2

Manual Integrations

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Reviewed By :Christian Giraldo 04/11/2022

Supervised By :Jagrut Upadhyay 04/11/2022



#83

Chrysene

Concen: 8.885 ng

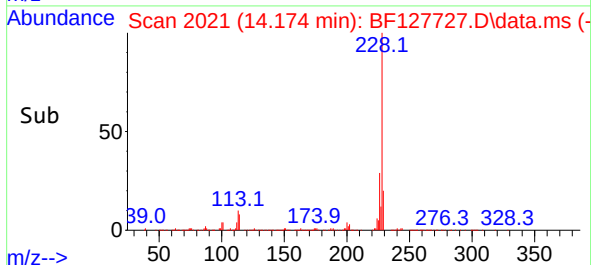
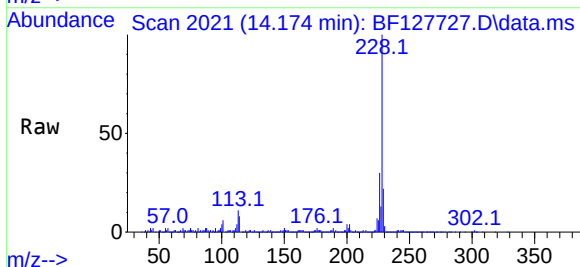
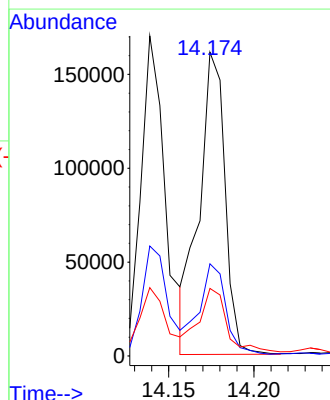
RT: 14.174 min Scan# 2021

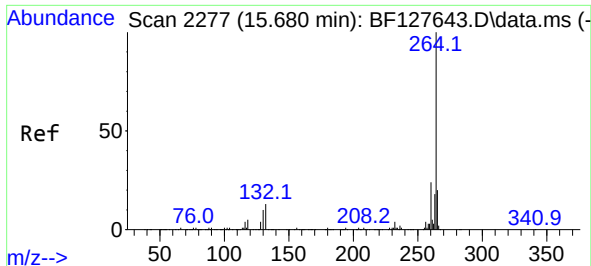
Delta R.T. -0.006 min

Lab File: BF127727.D

Acq: 08 Apr 2022 21:51

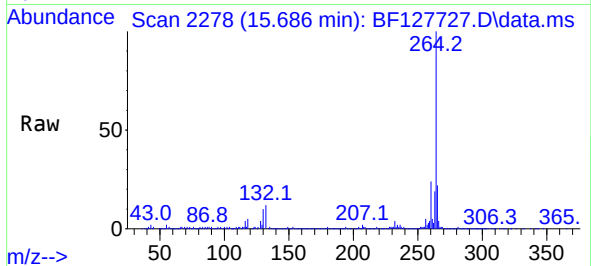
Tgt Ion:228 Resp: 169940
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.2 36.4
 229 22.2 15.4 23.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.686 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

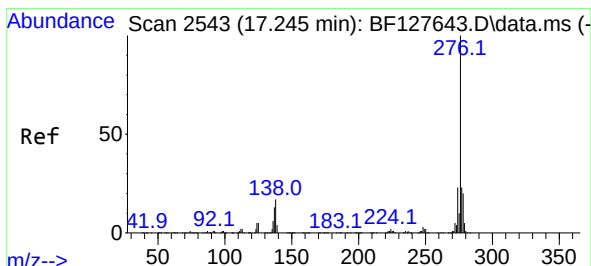
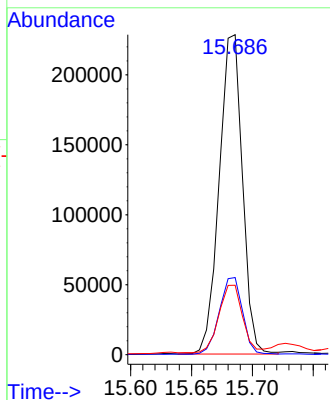
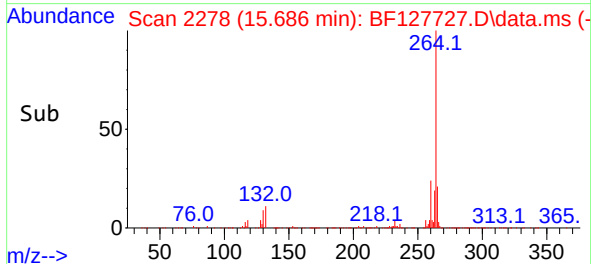
Instrument :
BNA_F
ClientSampleId :
285



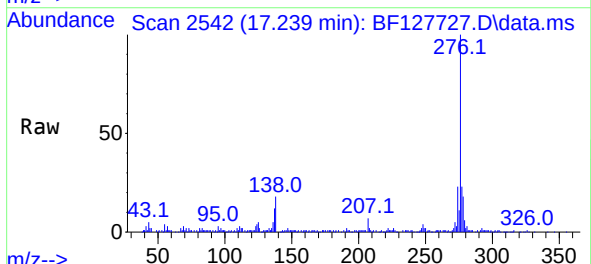
Tgt Ion:264 Resp: 30263
Ion Ratio Lower Upper
264 100
260 24.1 19.1 28.7
265 21.7 17.4 26.2

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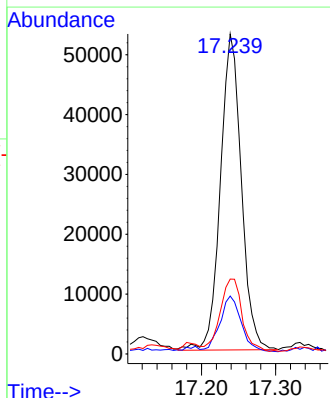
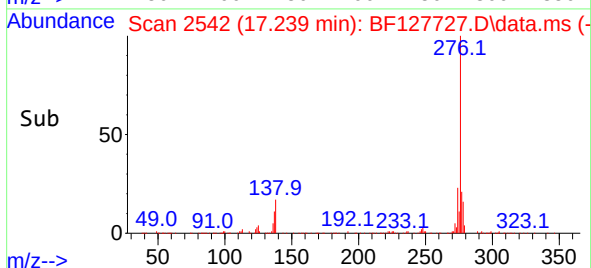
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

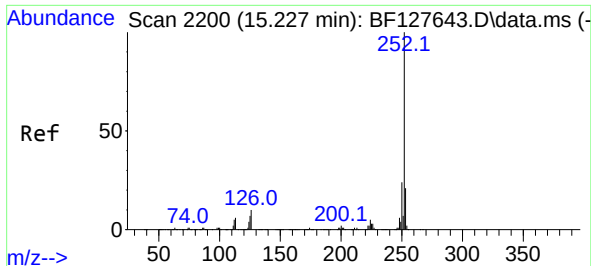


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.472 ng
RT: 17.239 min Scan# 2542
Delta R.T. -0.006 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51



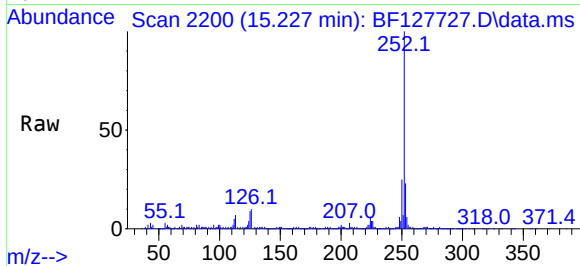
Tgt Ion:276 Resp: 103461
Ion Ratio Lower Upper
276 100
138 18.0 17.1 25.7
277 24.0 19.9 29.9





#88
Benzo(b)fluoranthene
Concen: 13.195 ng m
RT: 15.227 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

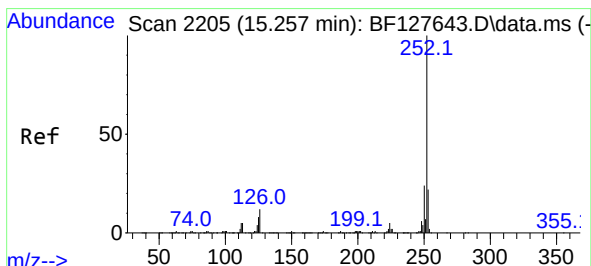
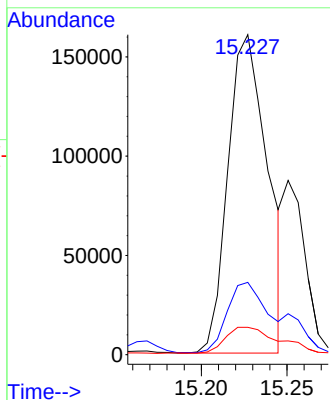
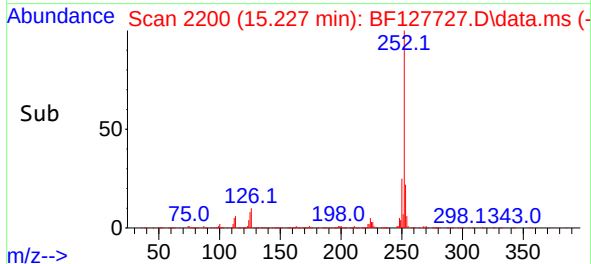
Instrument :
BNA_F
ClientSampleId :
285



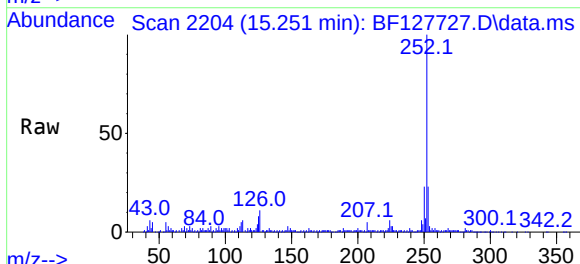
Tgt Ion:252 Resp: 25688
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 8.5 7.0 10.4

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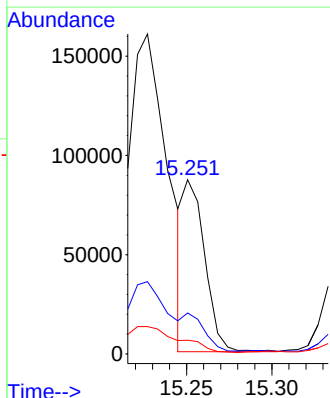
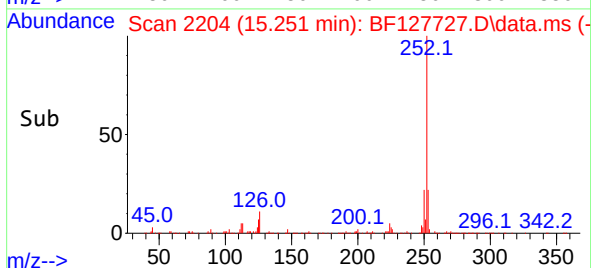
Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

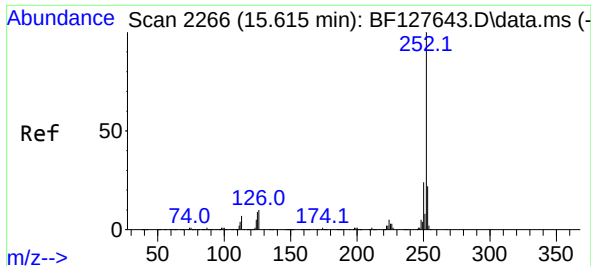


#89
Benzo(k)fluoranthene
Concen: 3.904 ng m
RT: 15.251 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51



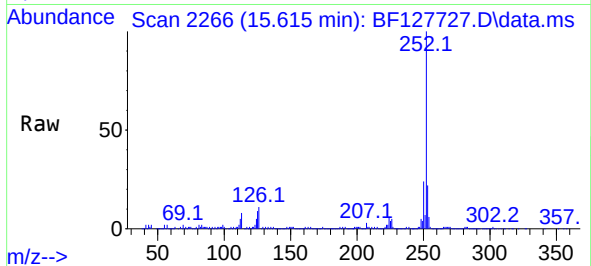
Tgt Ion:252 Resp: 75380
Ion Ratio Lower Upper
252 100
253 23.5 17.3 25.9
125 7.9 6.9 10.3





#90
Benzo(a)pyrene
Concen: 12.242 ng
RT: 15.615 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51

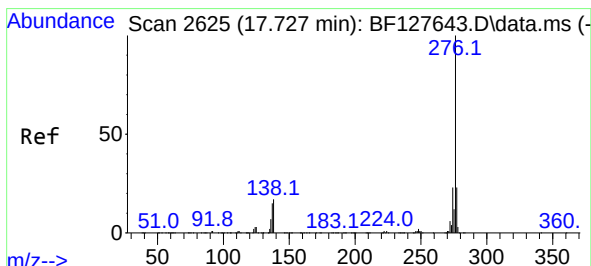
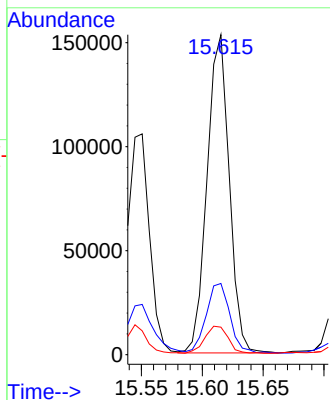
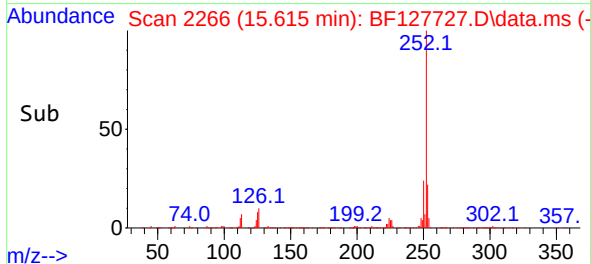
Instrument :
BNA_F
ClientSampleId :
285



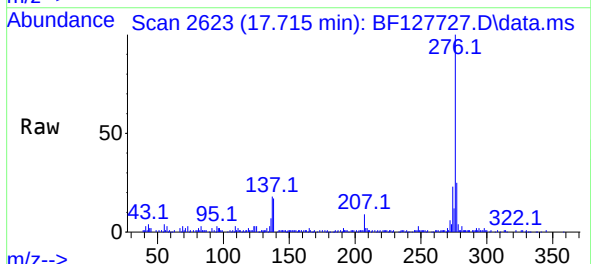
Tgt Ion:252 Resp: 19370
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 8.6 6.7 10.1

Manual Integrations
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Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022



#92
Benzo(g,h,i)perylene
Concen: 6.245 ng
RT: 17.715 min Scan# 2623
Delta R.T. -0.012 min
Lab File: BF127727.D
Acq: 08 Apr 2022 21:51



Tgt Ion:276 Resp: 98078
Ion Ratio Lower Upper
276 100
277 25.4 19.0 28.4
138 17.5 14.6 22.0

