

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128293.D
 Acq On : 17 May 2022 16:14
 Operator : CG\JU
 Sample : N2881-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLP-1

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/18/2022
 Supervised By : Jagrut Upadhyay 05/18/2022

Quant Time: May 18 01:34:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	76249	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	294574	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	164386	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	286411	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	166130	20.000	ng	0.00
86) Perylene-d12	15.551	264	180495	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	529463	110.695	ng	0.00
7) Phenol-d6	6.510	99	698171	110.359	ng	0.00
23) Nitrobenzene-d5	7.440	82	498585	76.160	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	187858	99.643	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	779472	74.193	ng	0.00
79) Terphenyl-d14	12.992	244	685975	77.480	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.433	178	48879	3.427	ng	99
75) Fluoranthene	12.622	202	73229	4.736	ng	98
78) Pyrene	12.857	202	74001	6.143	ng	98
81) Benzo(a)anthracene	14.045	228	33280	3.136	ng	95
83) Chrysene	14.080	228	29203	2.884	ng	96
88) Benzo(b)fluoranthene	15.110	252	39313m	3.514	ng	
90) Benzo(a)pyrene	15.480	252	29998	3.321	ng	# 96

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

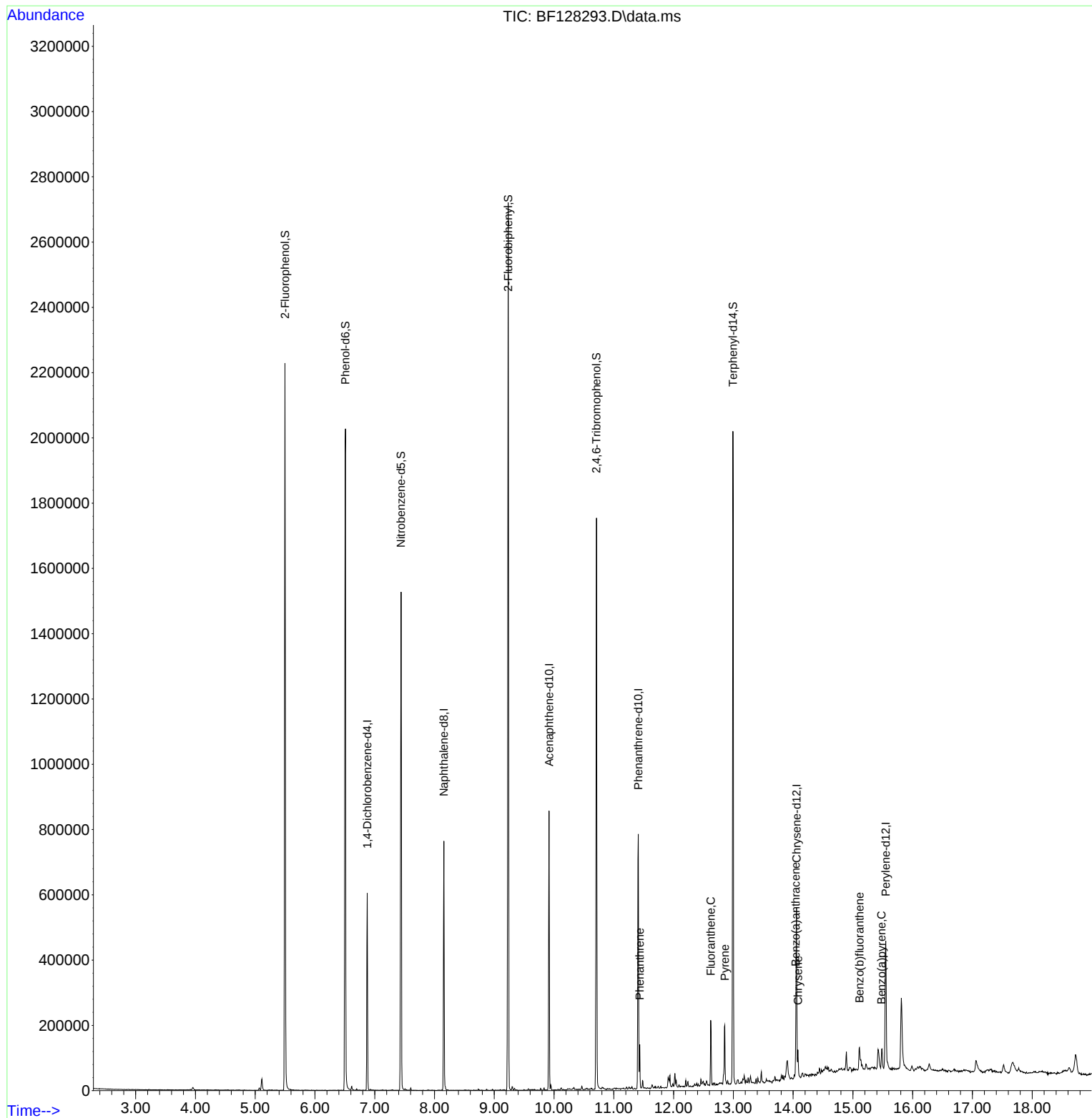
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
Data File : BF128293.D
Acq On : 17 May 2022 16:14
Operator : CG\JU
Sample : N2881-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

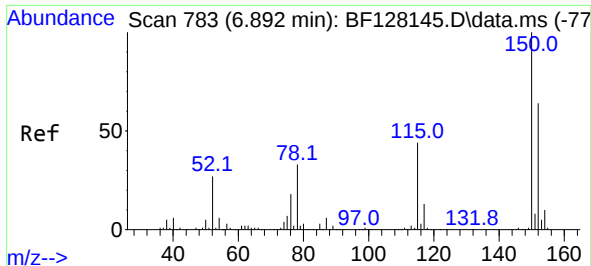
Instrument :
BNA_F
ClientSampleId :
SLP-1

Quant Time: May 18 01:34:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 01:31:11 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

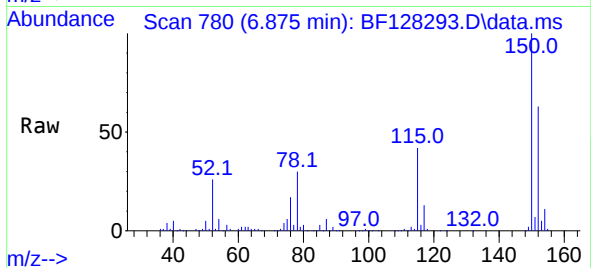
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

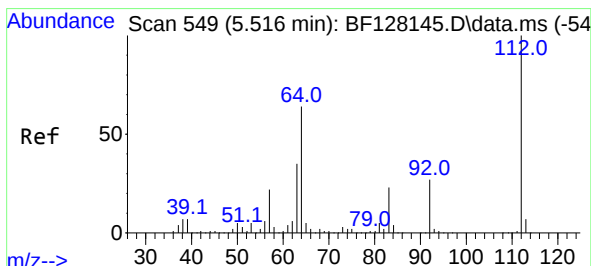
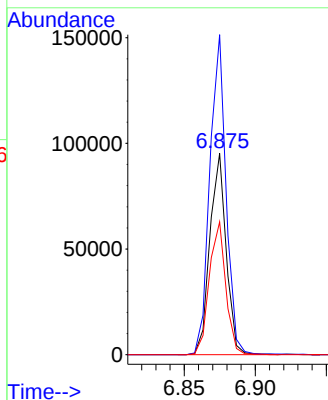
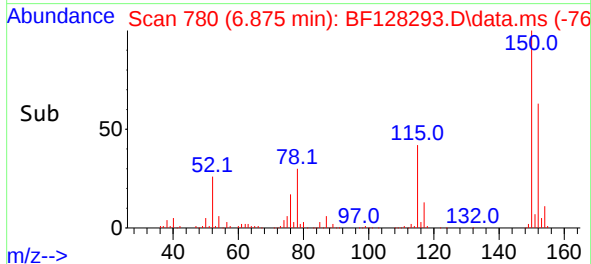
Instrument :
BNA_F
ClientSampleId :
SLP-1



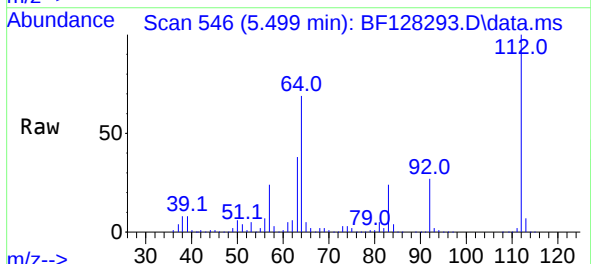
Tgt Ion:152 Resp: 76249
Ion Ratio Lower Upper
152 100
150 159.0 125.3 187.9
115 66.0 48.8 73.2

Manual Integrations
APPROVED

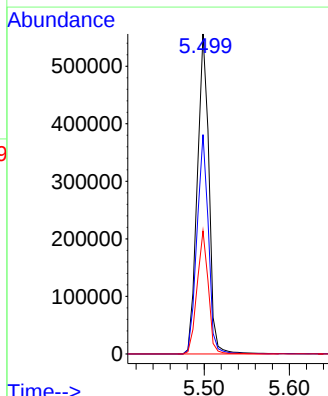
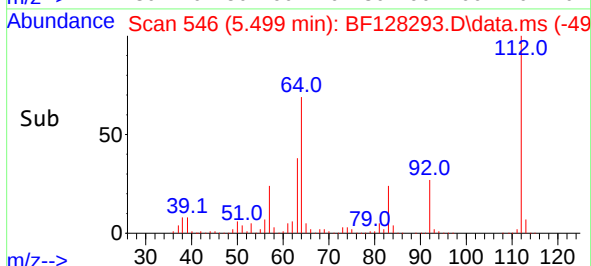
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

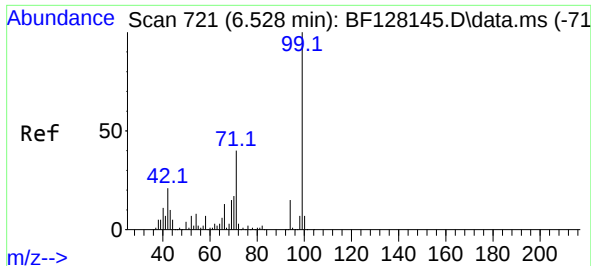


#5
2-Fluorophenol
Concen: 110.695 ng
RT: 5.499 min Scan# 546
Delta R.T. 0.000 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14



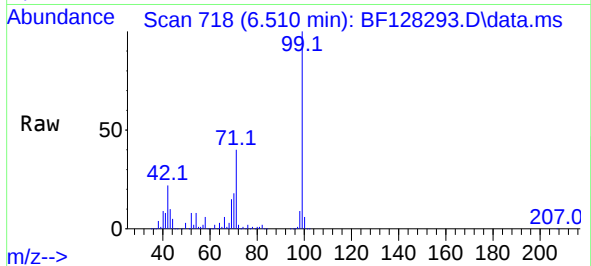
Tgt Ion:112 Resp: 529463
Ion Ratio Lower Upper
112 100
64 68.5 49.5 74.3
63 38.5 26.3 39.5





#7
Phenol-d6
Concen: 110.359 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

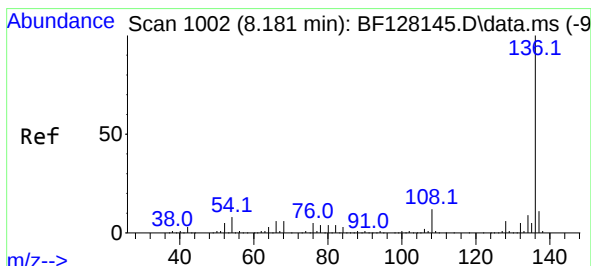
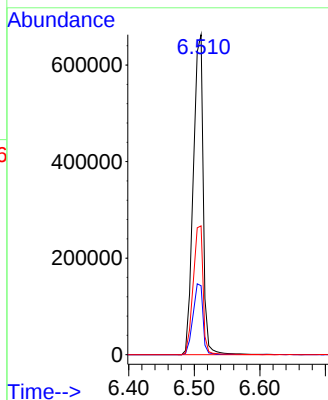
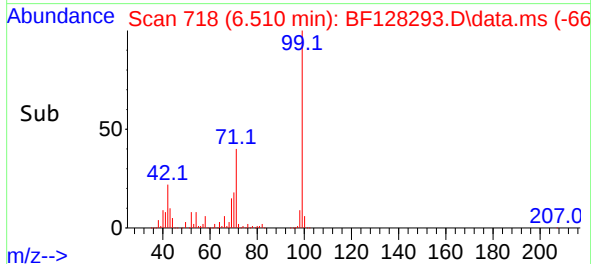
Instrument :
BNA_F
ClientSampleId :
SLP-1



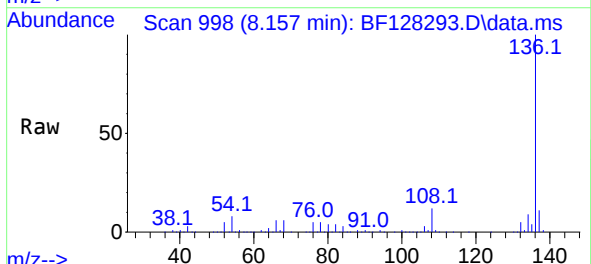
Tgt Ion: 99 Resp: 69817
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 40.3 30.0 45.0

Manual Integrations
APPROVED

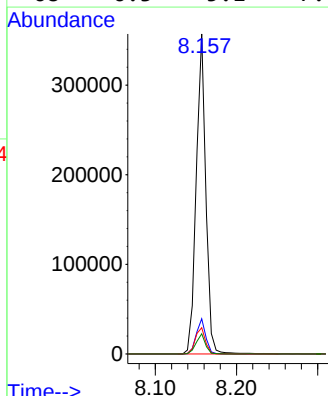
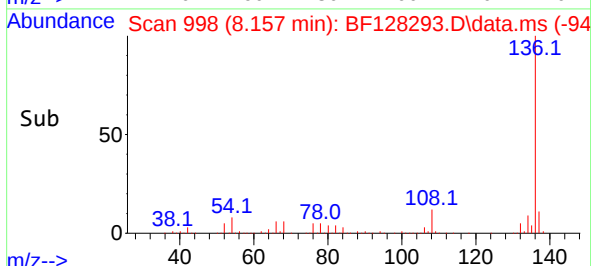
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

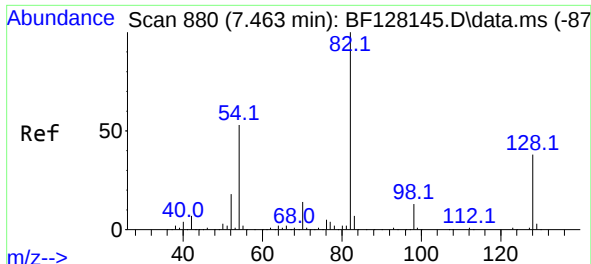


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14



Tgt Ion:136 Resp: 294574
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.2 6.8 10.2
68 6.3 5.1 7.7





#23
Nitrobenzene-d5
Concen: 76.160 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

Instrument :

BNA_F

ClientSampleId :

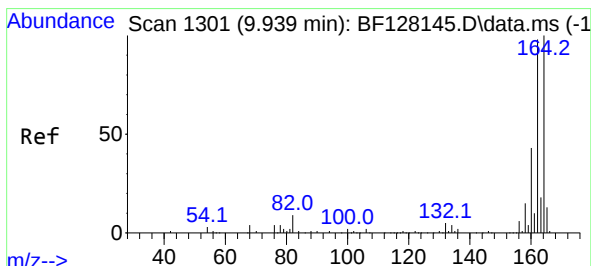
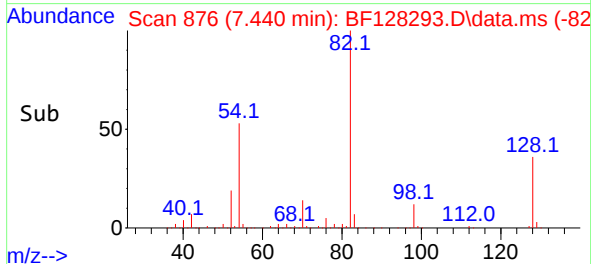
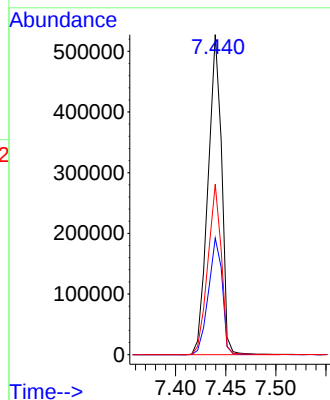
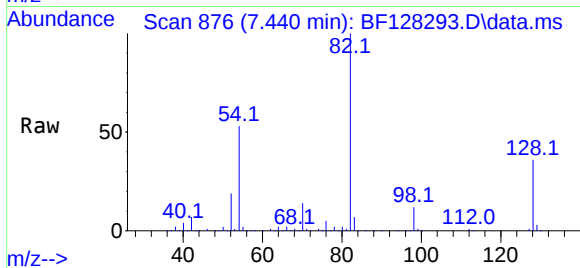
SLP-1

Tgt Ion: 82 Resp: 49858
Ion Ratio Lower Upper
82 100
128 36.5 30.0 45.0
54 53.2 41.3 61.9

Manual Integrations

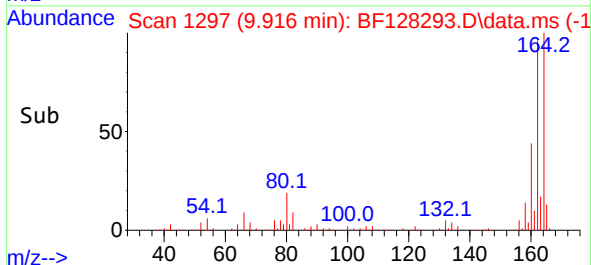
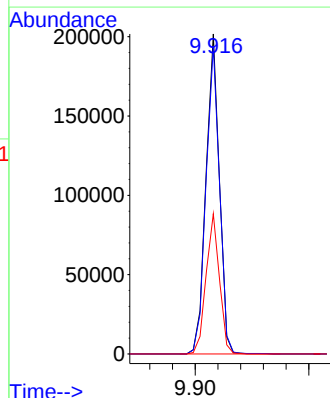
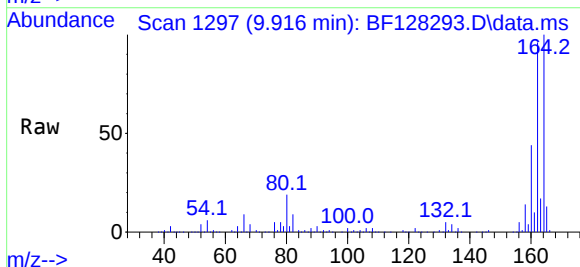
APPROVED

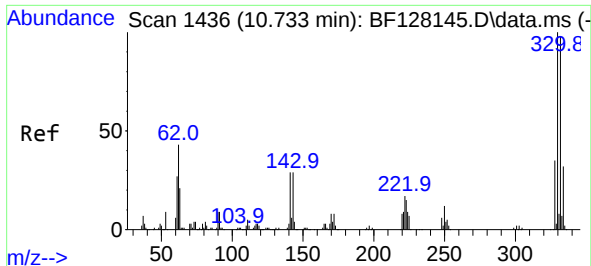
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

Tgt Ion:164 Resp: 164386
Ion Ratio Lower Upper
164 100
162 96.2 76.0 114.0
160 43.8 34.8 52.2





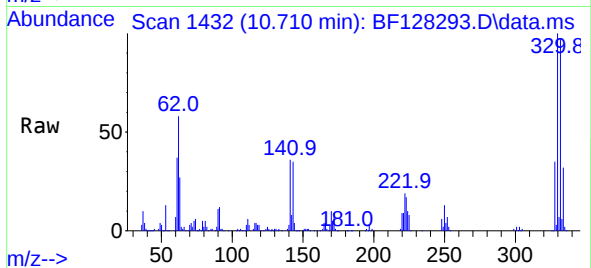
#42
2,4,6-Tribromophenol
Concen: 99.643 ng
RT: 10.710 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

Instrument :

BNA_F

ClientSampleId :

SLP-1

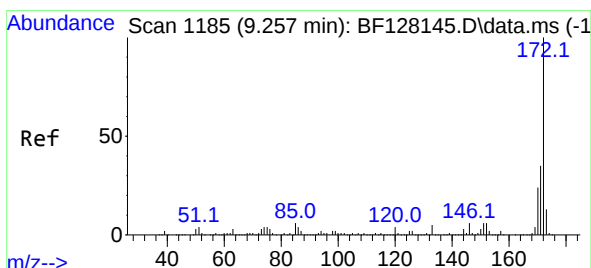
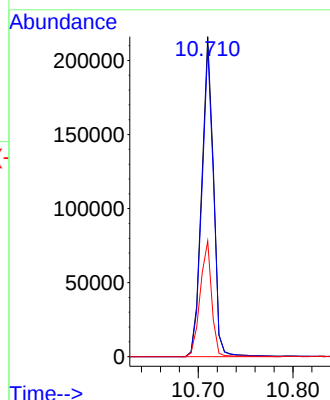
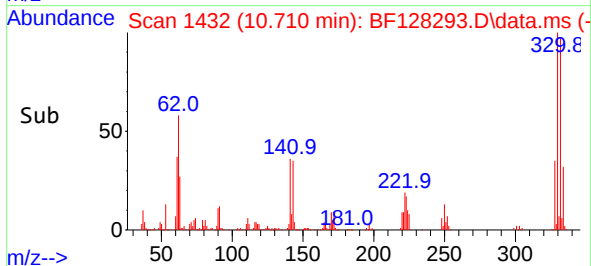


Tgt Ion:330 Resp: 18785
Ion Ratio Lower Upper
330 100
332 95.7 79.0 118.4
141 35.4 28.9 43.3

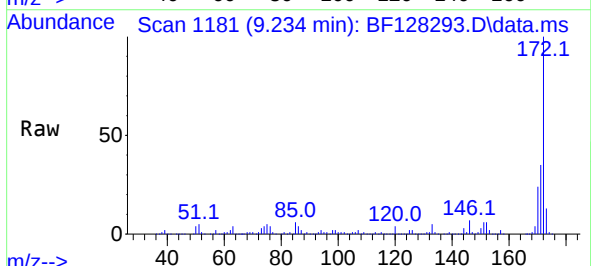
Manual Integrations

APPROVED

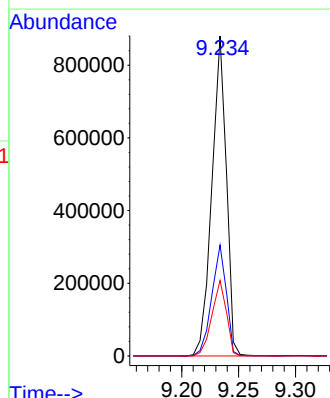
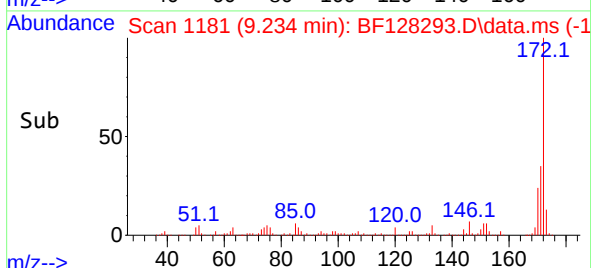
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#45
2-Fluorobiphenyl
Concen: 74.193 ng
RT: 9.234 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14



Tgt Ion:172 Resp: 779472
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.6 19.1 28.7





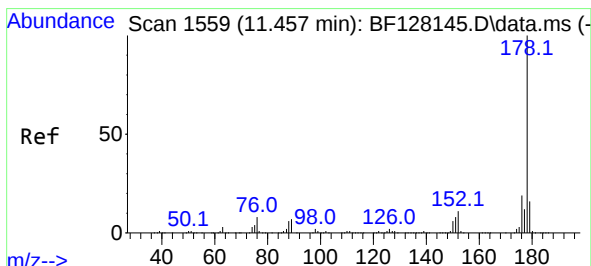
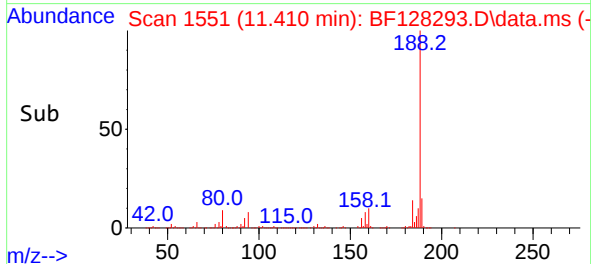
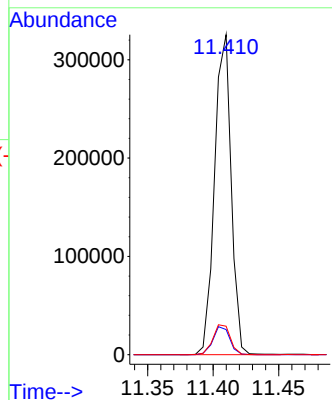
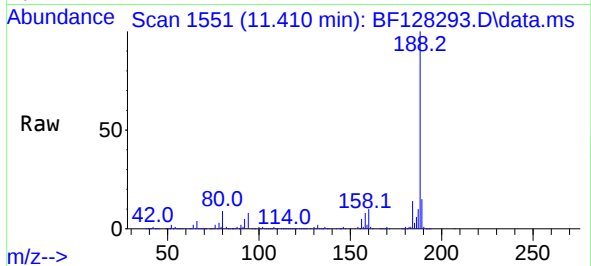
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

Instrument :
BNA_F
ClientSampleId :
SLP-1

Tgt Ion:188 Resp: 28641
Ion Ratio Lower Upper
188 100
94 7.8 8.0 12.0
80 8.9 8.9 13.3

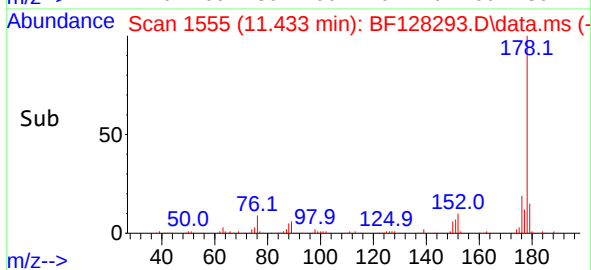
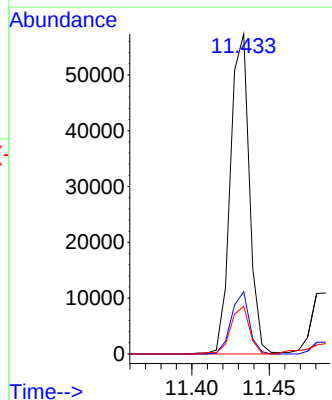
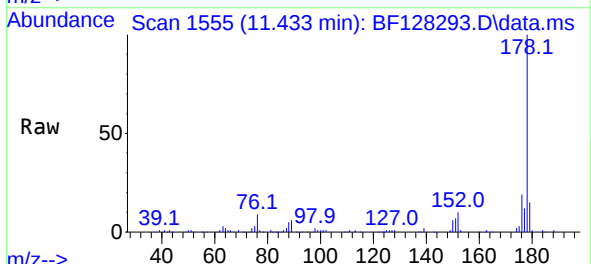
Manual Integrations
APPROVED

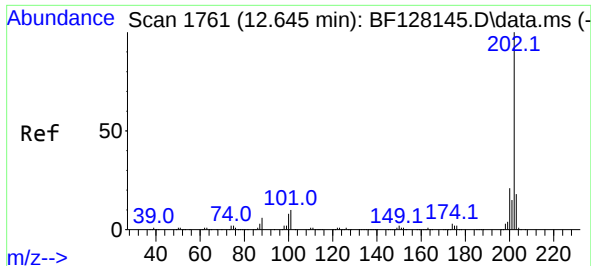
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#71
Phenanthrene
Concen: 3.427 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

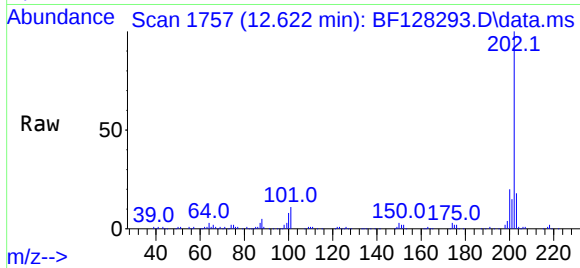
Tgt Ion:178 Resp: 48879
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 14.9 12.6 19.0





#75
Fluoranthene
Concen: 4.736 ng
RT: 12.622 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

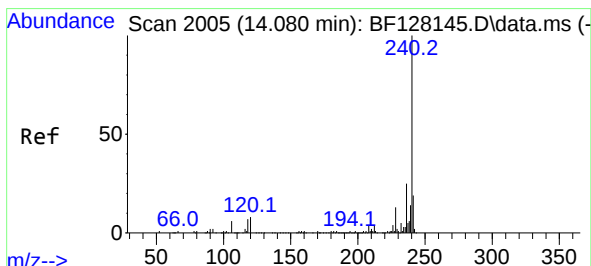
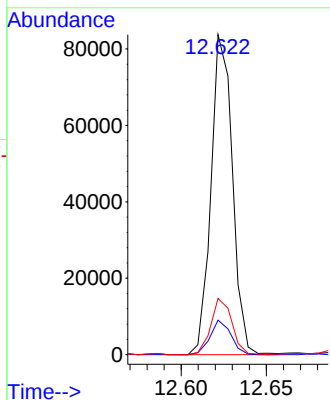
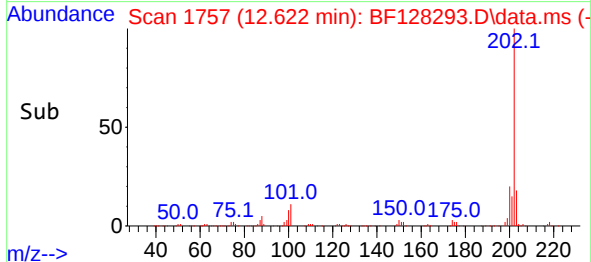
Instrument :
BNA_F
ClientSampleId :
SLP-1



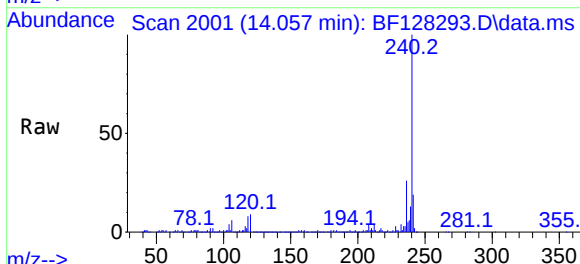
Tgt Ion:202 Resp: 73229
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.6
203 17.6 0.0 38.1

Manual Integrations
APPROVED

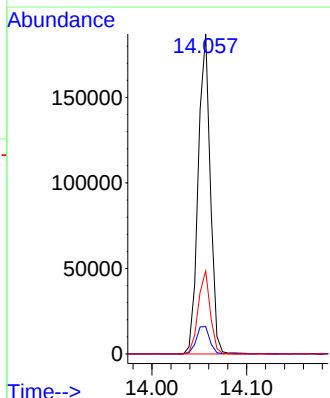
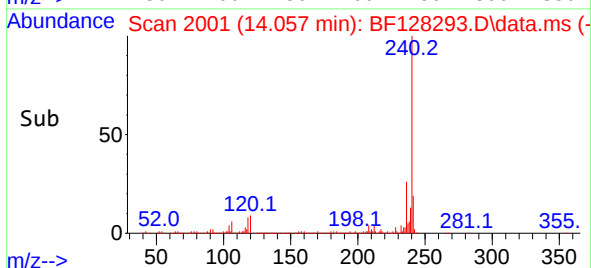
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

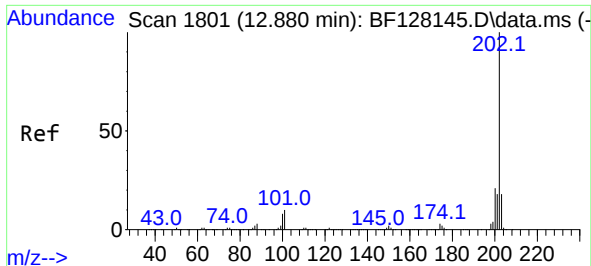


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14



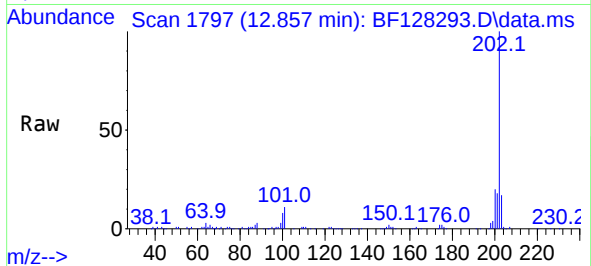
Tgt Ion:240 Resp: 166130
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 26.0 20.3 30.5





#78
Pyrene
Concen: 6.143 ng
RT: 12.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

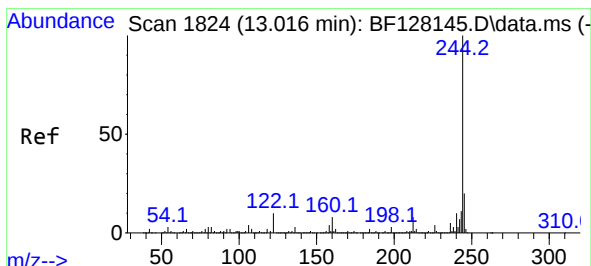
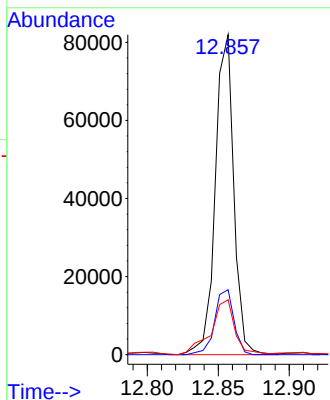
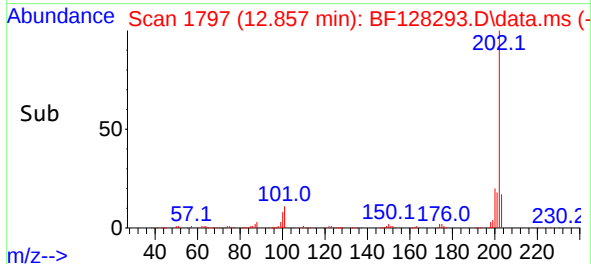
Instrument :
BNA_F
ClientSampleId :
SLP-1



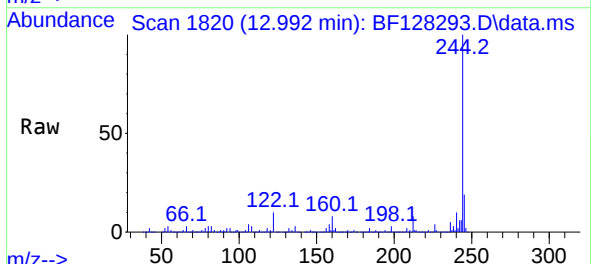
Tgt Ion:202 Resp: 7400
Ion Ratio Lower Upper
202 100
200 20.3 17.4 26.2
203 17.1 14.0 21.0

Manual Integrations
APPROVED

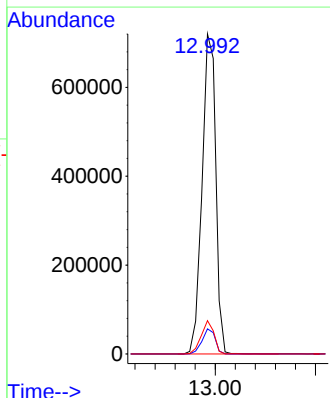
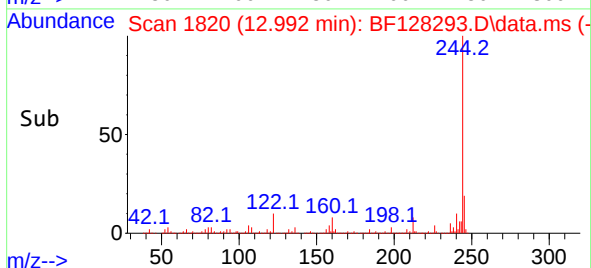
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

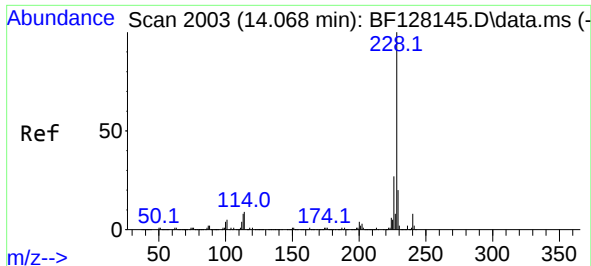


#79
Terphenyl-d14
Concen: 77.480 ng
RT: 12.992 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14



Tgt Ion:244 Resp: 685975
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.4
122 10.4 8.6 12.8





#81

Benzo(a)anthracene

Concen: 3.136 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.012 min

Lab File: BF128293.D

Acq: 17 May 2022 16:14

Instrument :

BNA_F

ClientSampleId :

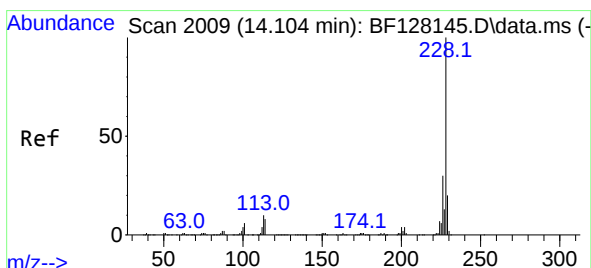
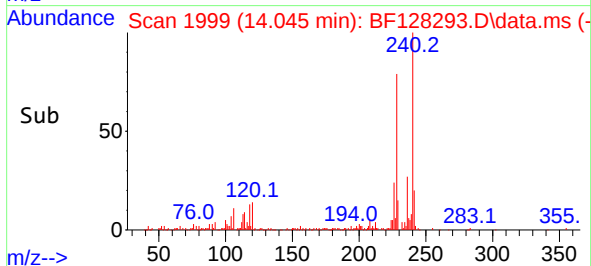
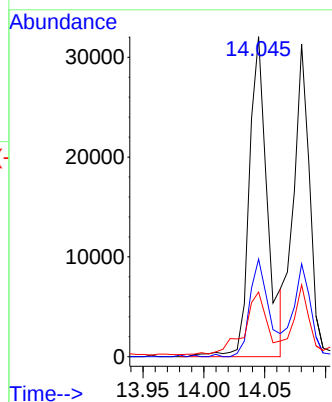
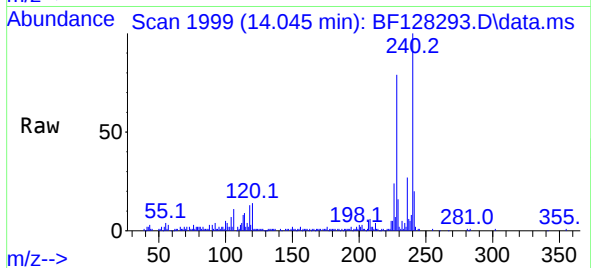
SLP-1

Tgt Ion:228 Resp: 33280
 Ion Ratio Lower Upper
 228 100
 226 30.5 21.7 32.5
 229 20.2 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/18/2022
 Supervised By :Jagrut Upadhyay 05/18/2022



#83

Chrysene

Concen: 2.884 ng

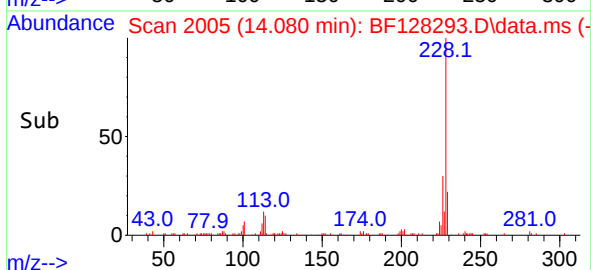
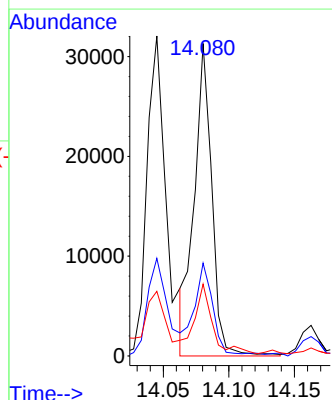
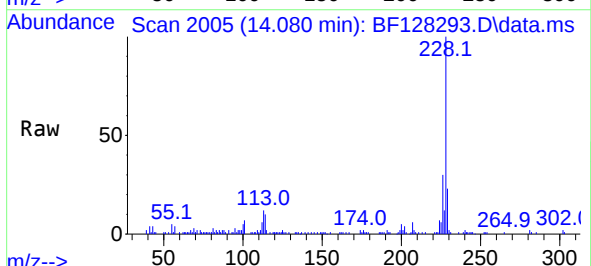
RT: 14.080 min Scan# 2005

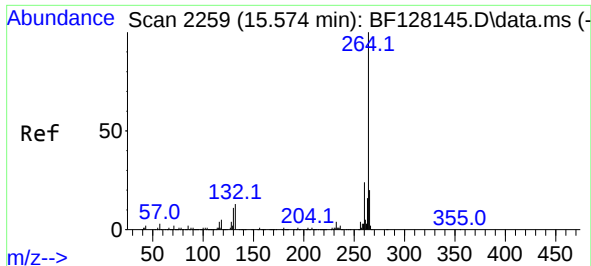
Delta R.T. -0.012 min

Lab File: BF128293.D

Acq: 17 May 2022 16:14

Tgt Ion:228 Resp: 29203
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.4 36.6
 229 23.0 15.8 23.8





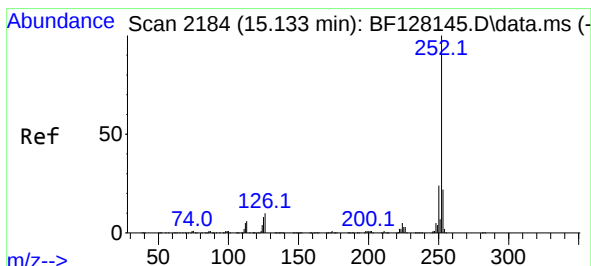
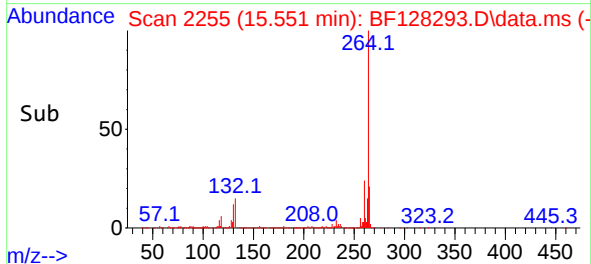
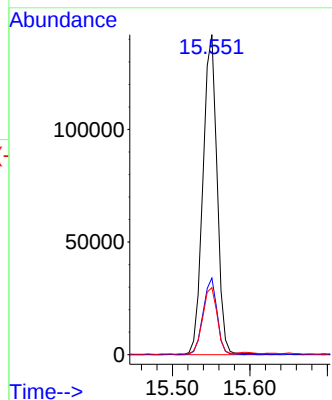
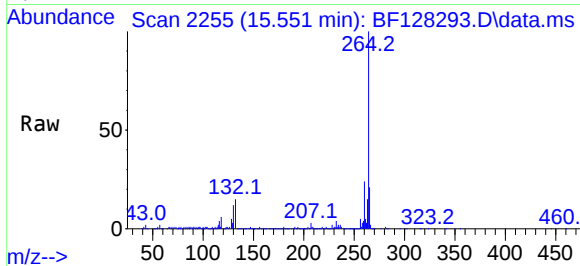
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

Instrument :
BNA_F
ClientSampleId :
SLP-1

Tgt Ion:264 Resp: 18049
Ion Ratio Lower Upper
264 100
260 24.0 20.1 30.1
265 21.0 17.5 26.3

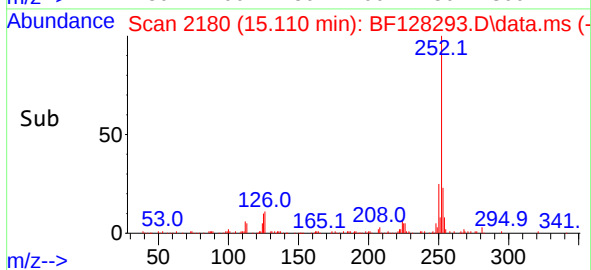
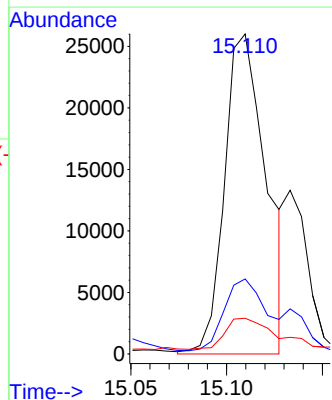
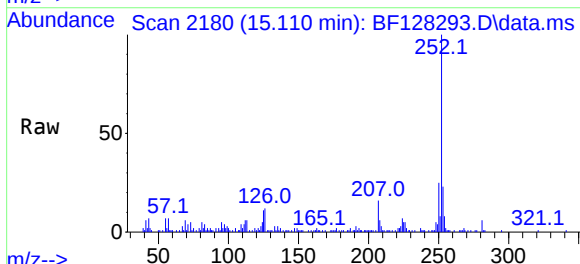
Manual Integrations
APPROVED

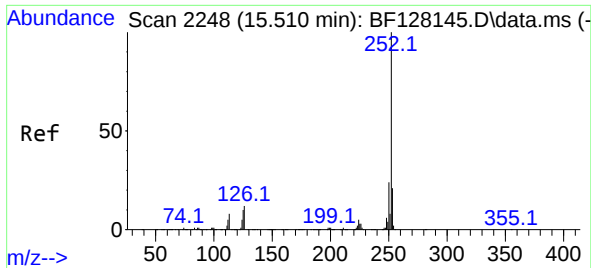
Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022



#88
Benzo(b)fluoranthene
Concen: 3.514 ng m
RT: 15.110 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

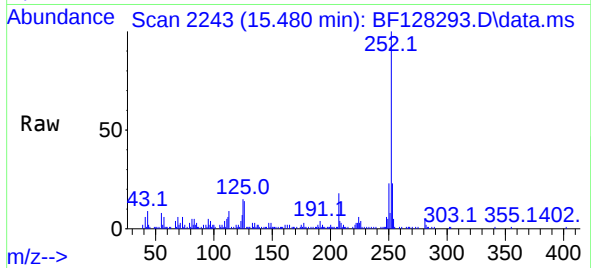
Tgt Ion:252 Resp: 39313
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 11.1 7.4 11.2





#90
Benzo(a)pyrene
Concen: 3.321 ng
RT: 15.480 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF128293.D
Acq: 17 May 2022 16:14

Instrument :
BNA_F
ClientSampleId :
SLP-1



Tgt Ion:252 Resp: 29998
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 15.4 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/18/2022
Supervised By :Jagrut Upadhyay 05/18/2022

