

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
 Data File : BF129843.D
 Acq On : 17 Aug 2022 13:58
 Operator : CG\JU
 Sample : N4189-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB17

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/18/2022
 Supervised By : Jagrut Upadhyay 08/18/2022

Quant Time: Aug 17 16:47:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	139583	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	536295	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	248664	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	309191	20.000	ng	0.00
76) Chrysene-d12	14.004	240	269688	20.000	ng	0.00
86) Perylene-d12	15.474	264	228742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	742665	88.093	ng	0.00
7) Phenol-d6	6.481	99	922056	87.338	ng	0.00
23) Nitrobenzene-d5	7.392	82	580761	57.970	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	156350	62.647	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1049144	64.080	ng	0.00
79) Terphenyl-d14	12.939	244	750506	46.305	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.569	202	97598	5.523	ng	98
78) Pyrene	12.798	202	92011	3.926	ng	99
81) Benzo(a)anthracene	13.992	228	50592	2.727	ng	96
83) Chrysene	14.027	228	49638	2.858	ng	96
88) Benzo(b)fluoranthene	15.045	252	66883m	4.270	ng	
90) Benzo(a)pyrene	15.415	252	39020	3.163	ng	93

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

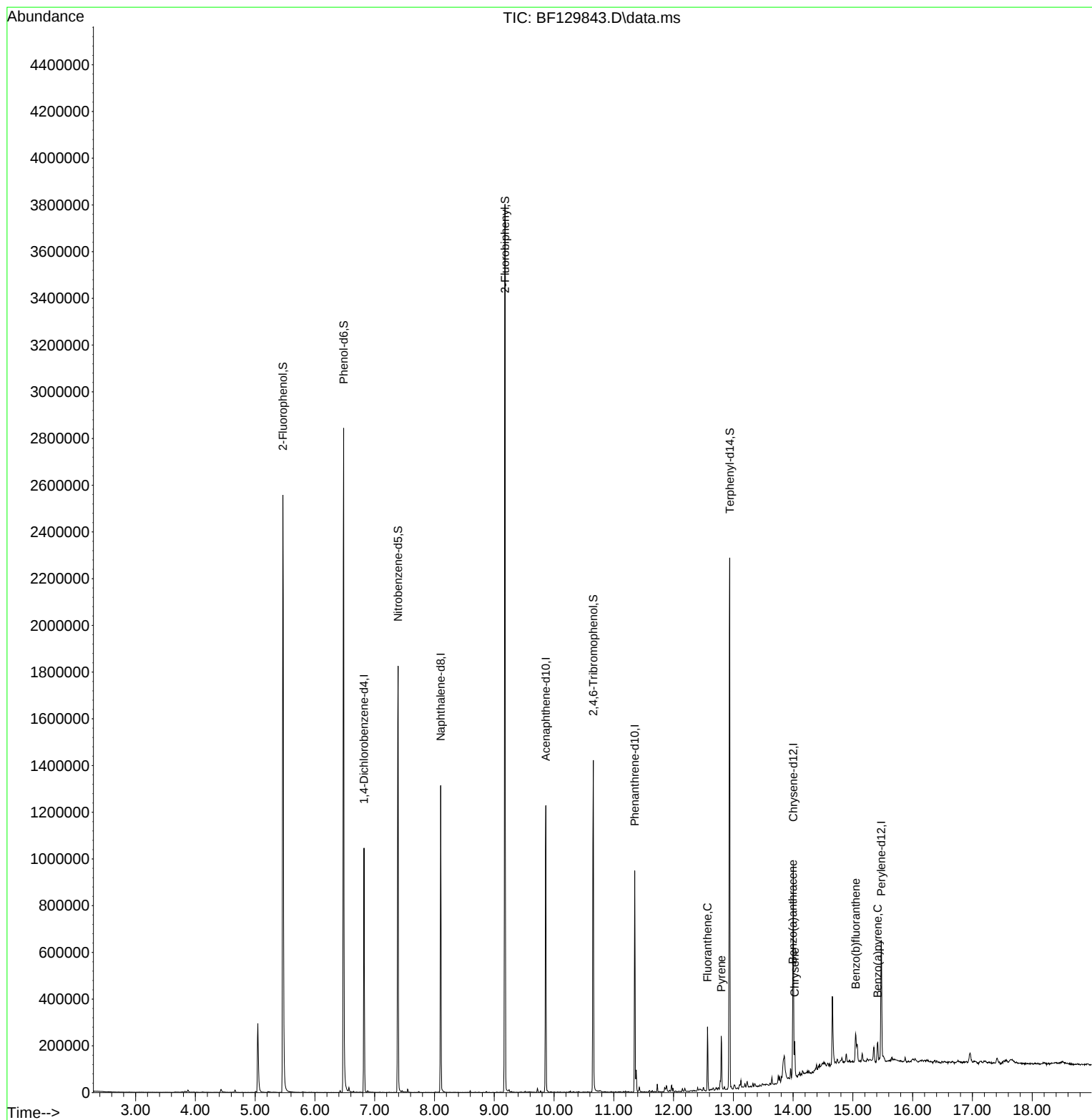
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081722\
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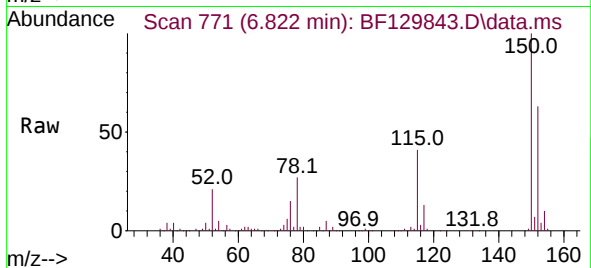
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

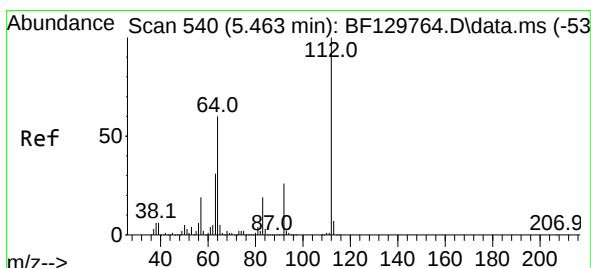
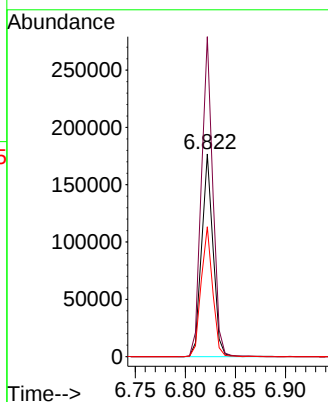
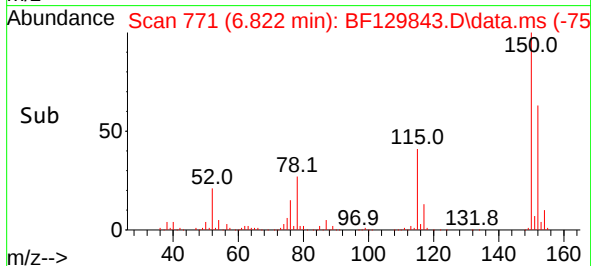
Instrument :
BNA_F
ClientSampleId :
SB17



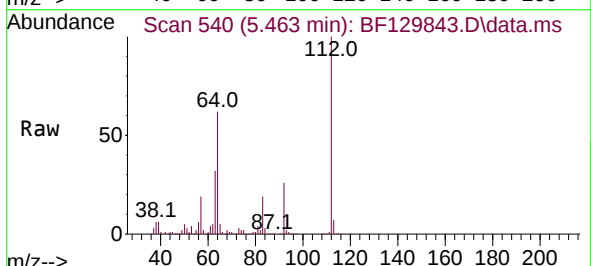
Tgt Ion:152 Resp: 139583
Ion Ratio Lower Upper
152 100
150 157.9 126.9 190.3
115 64.0 53.4 80.0

Manual Integrations
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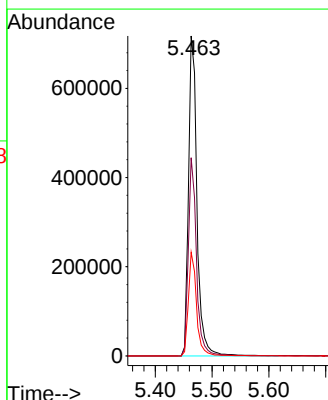
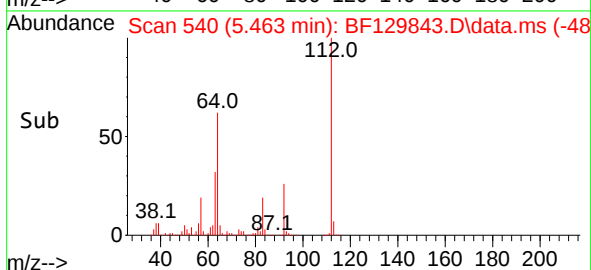
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022



#5
2-Fluorophenol
Concen: 88.093 ng
RT: 5.463 min Scan# 540
Delta R.T. -0.000 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58



Tgt Ion:112 Resp: 742665
Ion Ratio Lower Upper
112 100
64 61.9 47.6 71.4
63 32.4 24.6 37.0





#7

Phenol-d6

Concen: 87.338 ng

RT: 6.481 min Scan# 713

Delta R.T. -0.000 min

Lab File: BF129843.D

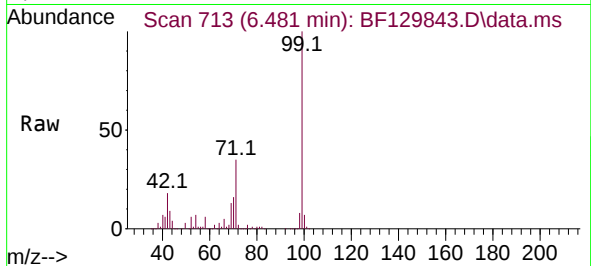
Acq: 17 Aug 2022 13:58

Instrument :

BNA_F

ClientSampleId :

SB17



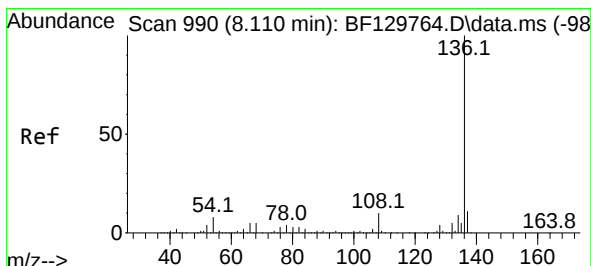
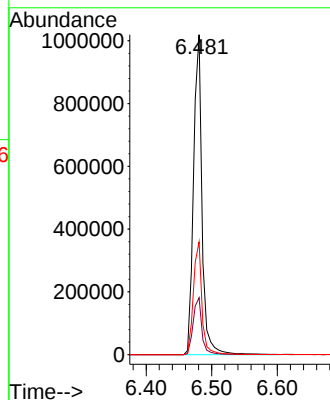
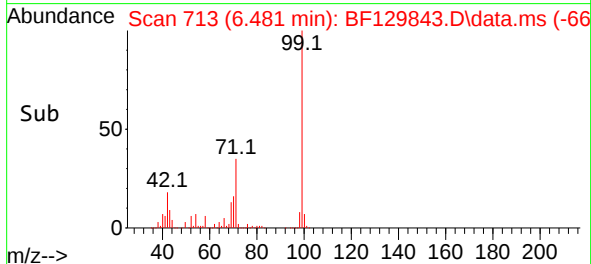
Tgt Ion:	99	Resp:	922056
Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.0	22.4
71	35.2	28.8	43.2

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#21

Naphthalene-d8

Concen: 20.000 ng

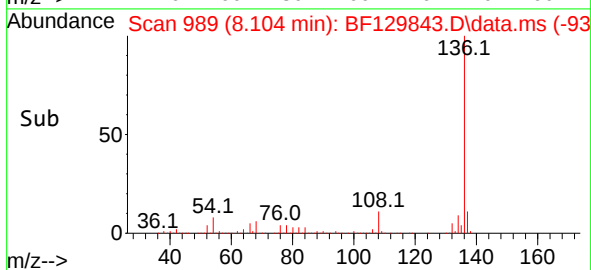
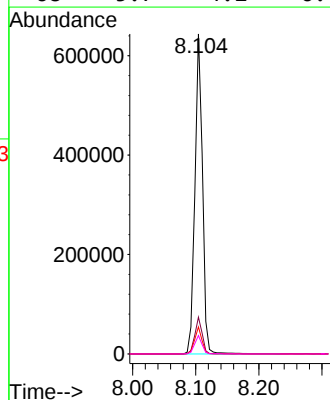
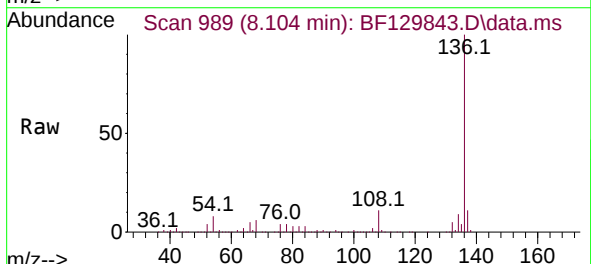
RT: 8.104 min Scan# 989

Delta R.T. -0.006 min

Lab File: BF129843.D

Acq: 17 Aug 2022 13:58

Tgt Ion:	136	Resp:	536295
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	8.4	6.2	9.2
68	5.7	4.2	6.4





#23

Nitrobenzene-d5

Concen: 57.970 ng

RT: 7.392 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF129843.D

Acq: 17 Aug 2022 13:58

Instrument :

BNA_F

ClientSampleId :

SB17

Tgt Ion: 82 Resp: 58076

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

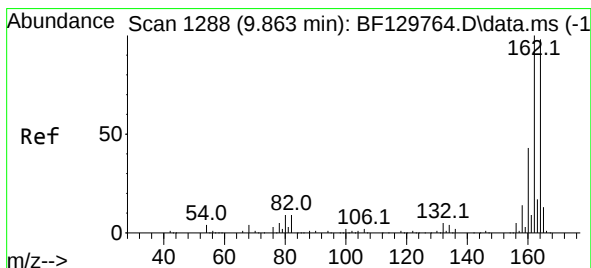
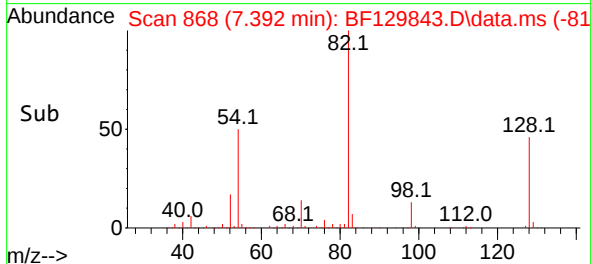
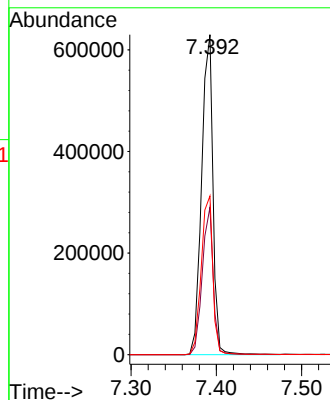
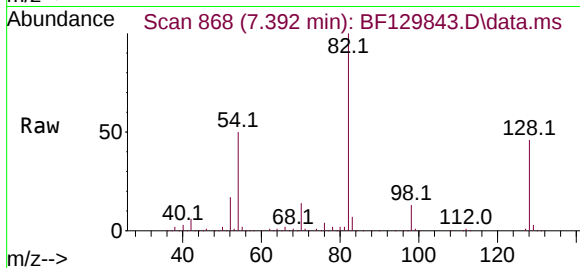
54 49.6 40.0 60.0

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.000 min

Lab File: BF129843.D

Acq: 17 Aug 2022 13:58

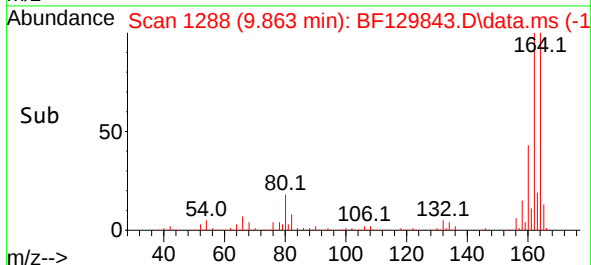
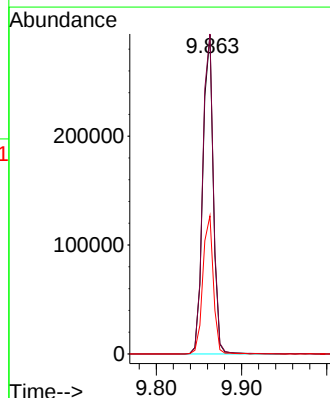
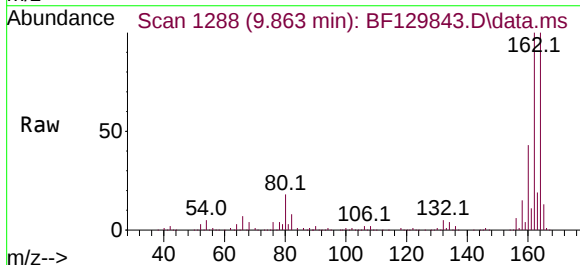
Tgt Ion:164 Resp: 248664

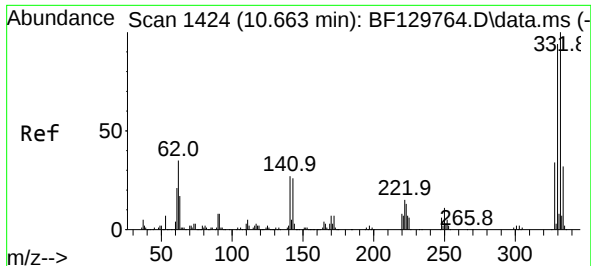
Ion Ratio Lower Upper

164 100

162 100.3 82.0 123.0

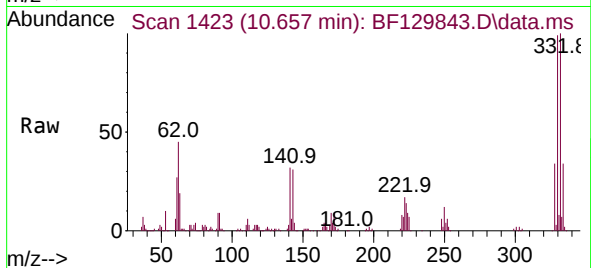
160 43.3 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 62.647 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

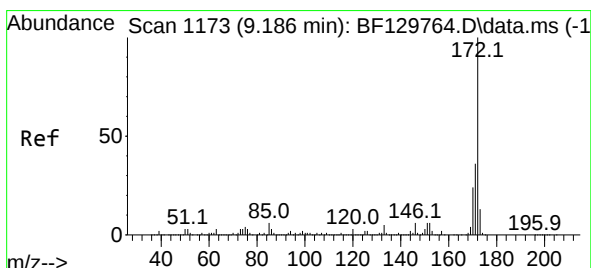
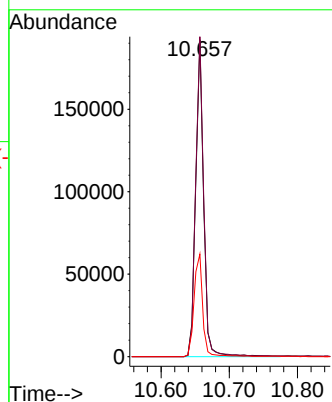
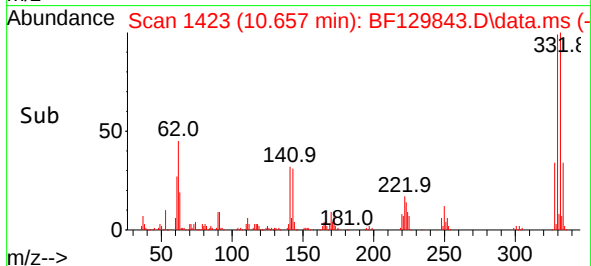
Instrument :
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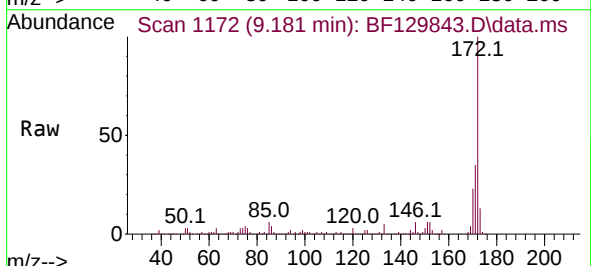
Tgt Ion: 330 Resp: 156350
Ion Ratio Lower Upper
330 100
332 101.2 82.6 124.0
141 35.2 27.6 41.4

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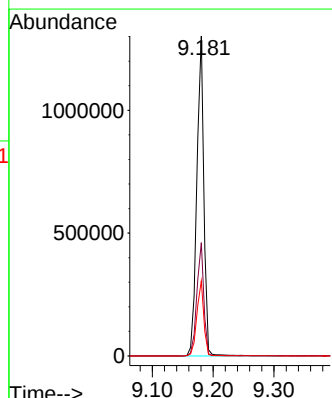
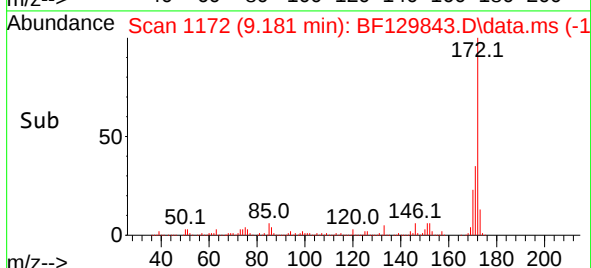
Reviewed By : Christian Giraldo 08/18/2022
Supervised By : Jagrut Upadhyay 08/18/2022

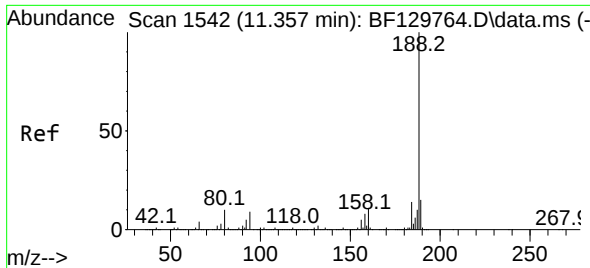


#45
2-Fluorobiphenyl
Concen: 64.080 ng
RT: 9.181 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58



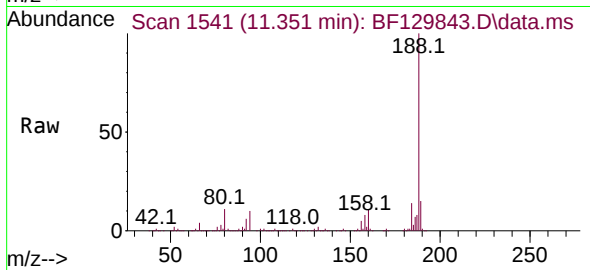
Tgt Ion: 172 Resp: 1049144
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.4 19.1 28.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

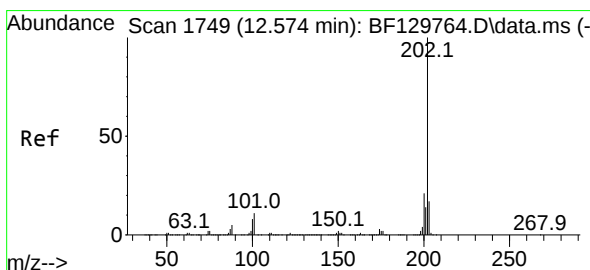
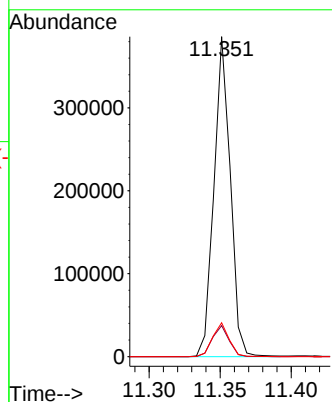
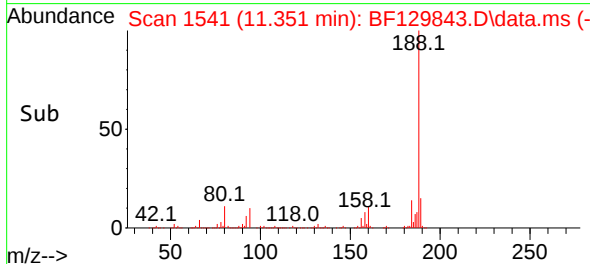
Instrument :
BNA_F
ClientSampleId :
SB17



Tgt Ion:188 Resp: 309191
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.6 7.9 11.9

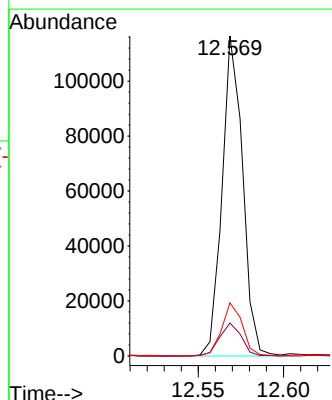
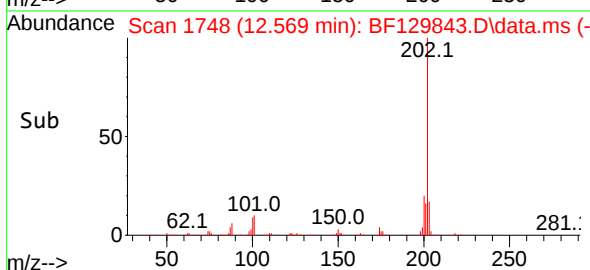
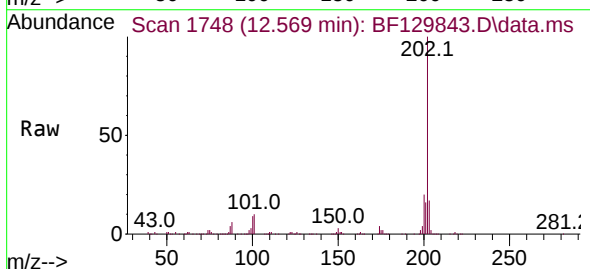
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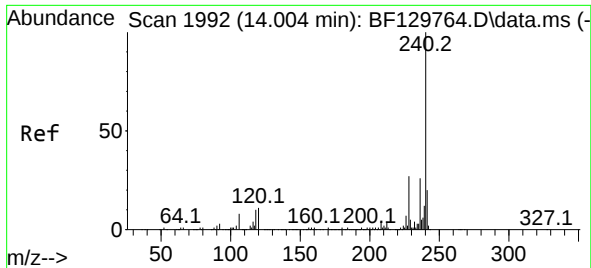
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022



#75
Fluoranthene
Concen: 5.523 ng
RT: 12.569 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

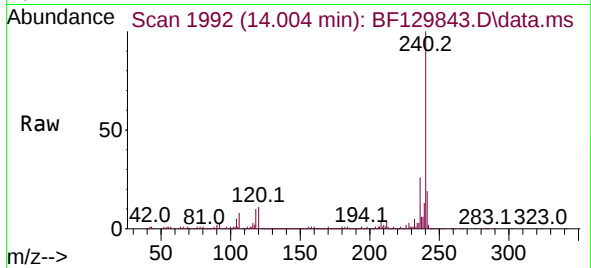
Tgt Ion:202 Resp: 97598
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.7
203 16.6 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

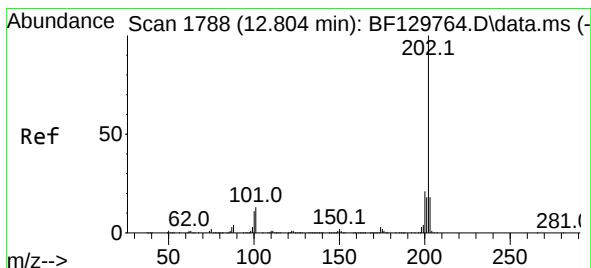
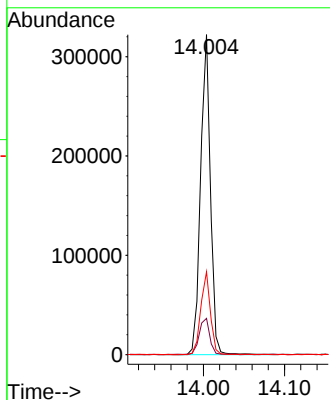
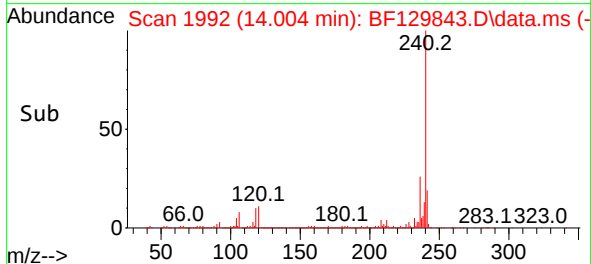
Instrument :
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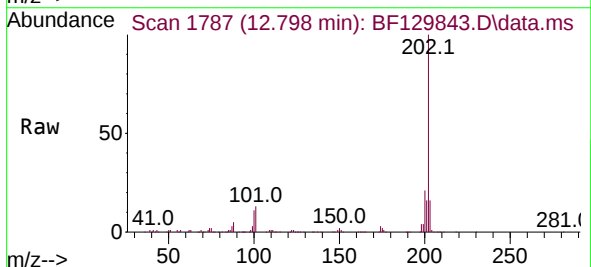
Tgt Ion:240 Resp: 269688
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.9 20.7 31.1

Manual Integrations
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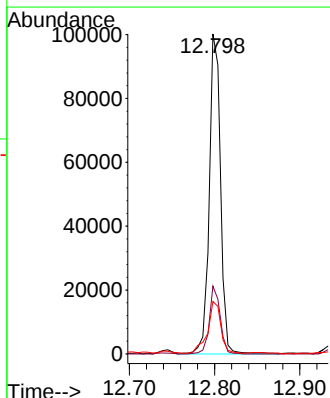
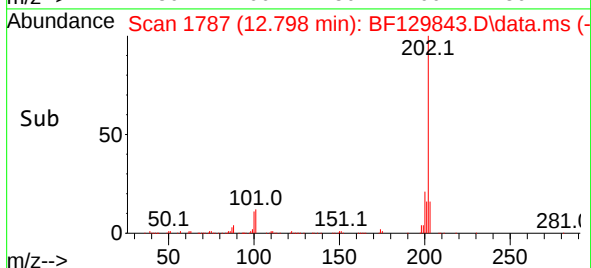
Reviewed By :Christian Giraldo 08/18/2022
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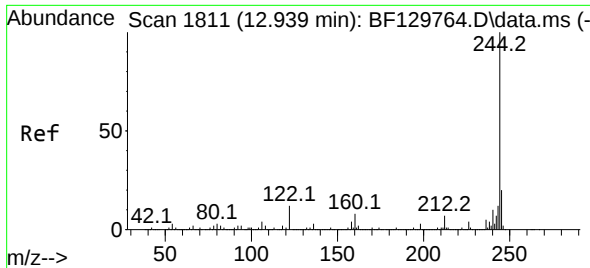


#78
Pyrene
Concen: 3.926 ng
RT: 12.798 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58



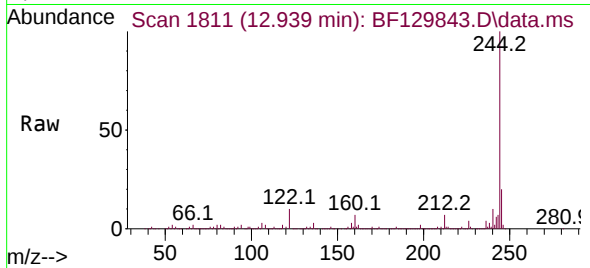
Tgt Ion:202 Resp: 92011
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 16.4 14.1 21.1





#79
 Terphenyl-d14
 Concen: 46.305 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.000 min
 Lab File: BF129843.D
 Acq: 17 Aug 2022 13:58

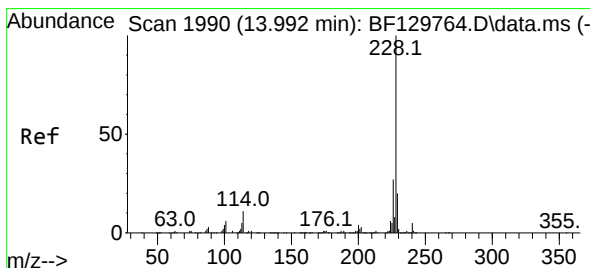
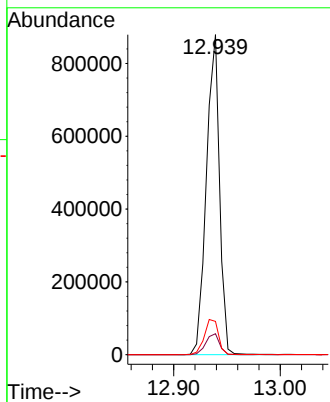
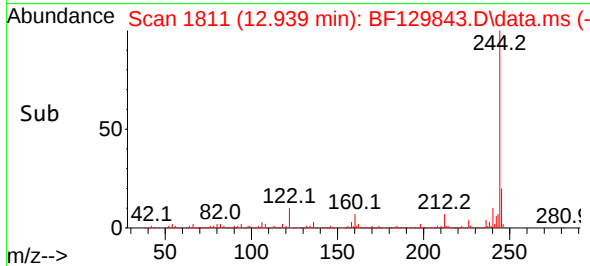
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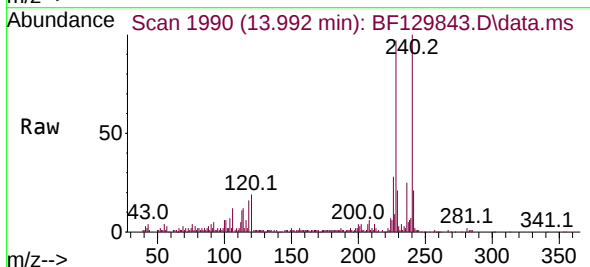
Tgt Ion:244 Resp: 750500
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 10.4 9.9 14.9

Manual Integrations
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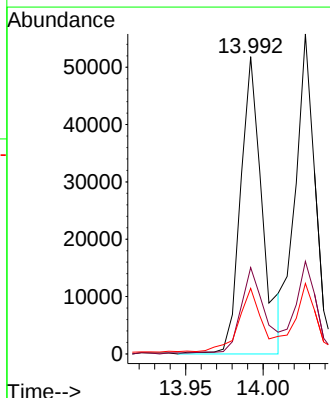
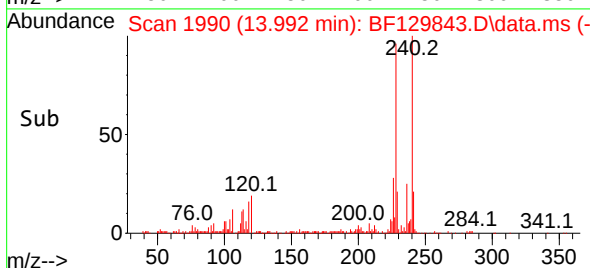
Reviewed By :Christian Giraldo 08/18/2022
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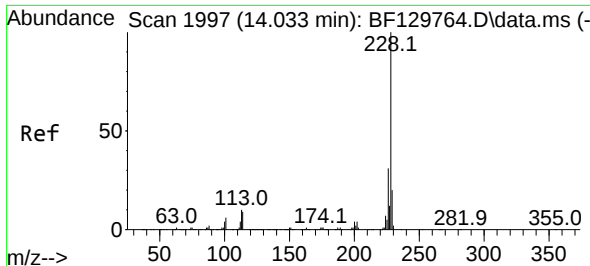


#81
 Benzo(a)anthracene
 Concen: 2.727 ng
 RT: 13.992 min Scan# 1990
 Delta R.T. -0.000 min
 Lab File: BF129843.D
 Acq: 17 Aug 2022 13:58



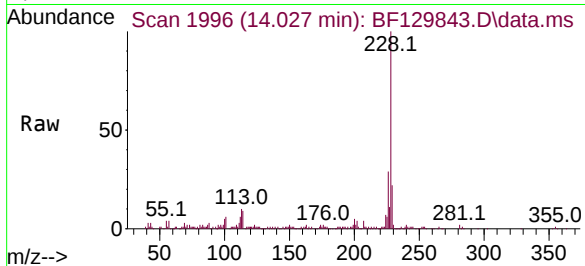
Tgt Ion:228 Resp: 50592
 Ion Ratio Lower Upper
 228 100
 226 29.1 21.4 32.0
 229 22.0 16.1 24.1





#83
Chrysene
Concen: 2.858 ng
RT: 14.027 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

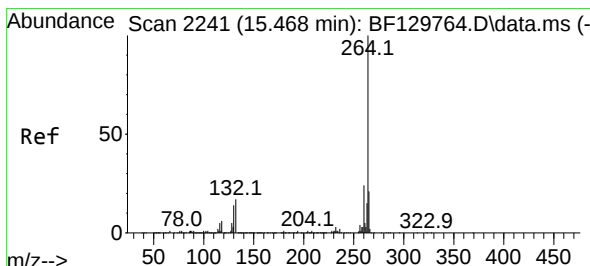
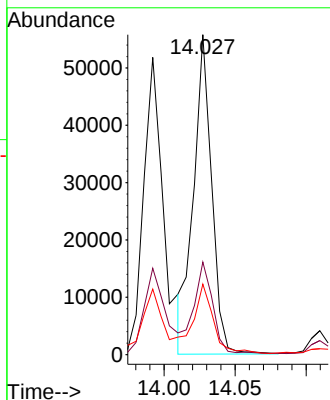
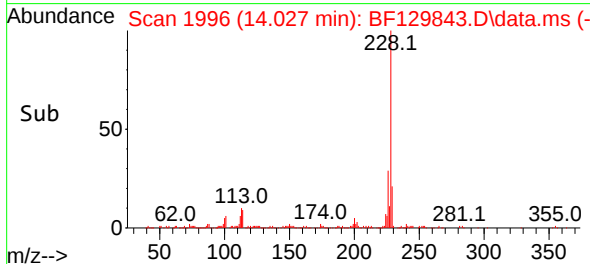
Instrument :
BNA_F
ClientSampleId :
SB17



Tgt Ion:228 Resp: 49638
Ion Ratio Lower Upper
228 100
226 28.9 24.4 36.6
229 22.0 15.9 23.9

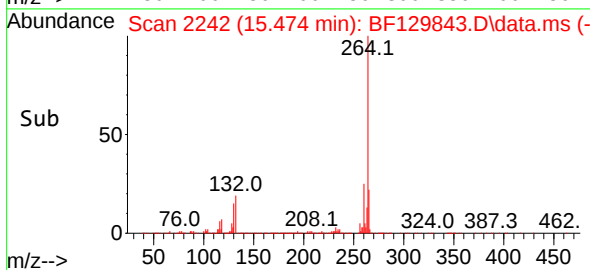
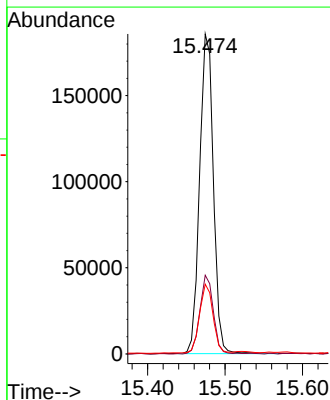
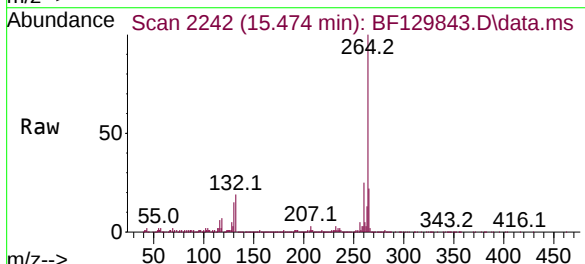
Manual Integrations
APPROVED

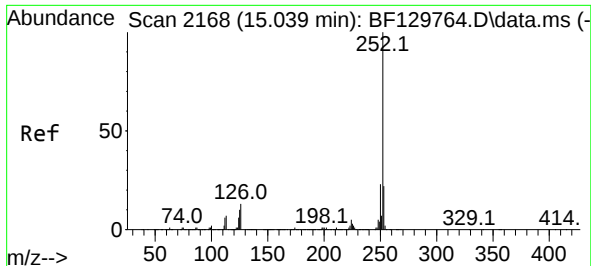
Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2242
Delta R.T. 0.006 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

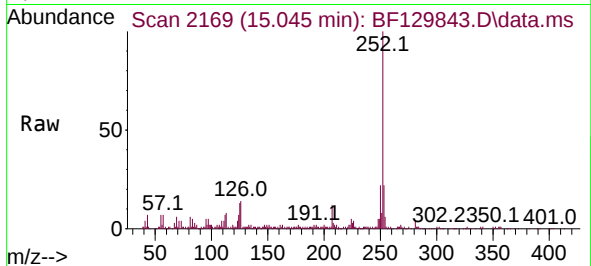
Tgt Ion:264 Resp: 228742
Ion Ratio Lower Upper
264 100
260 24.6 19.1 28.7
265 21.8 16.7 25.1





#88
Benzo(b)fluoranthene
Concen: 4.270 ng m
RT: 15.045 min Scan# 2168
Delta R.T. 0.006 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

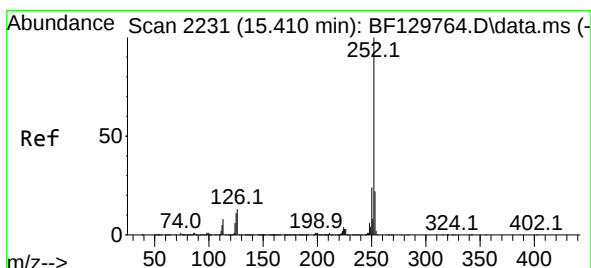
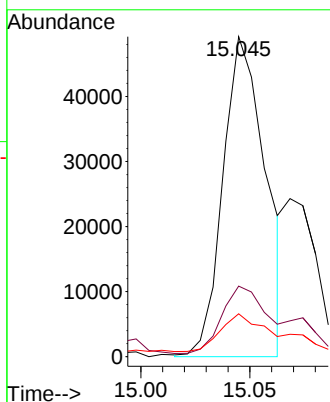
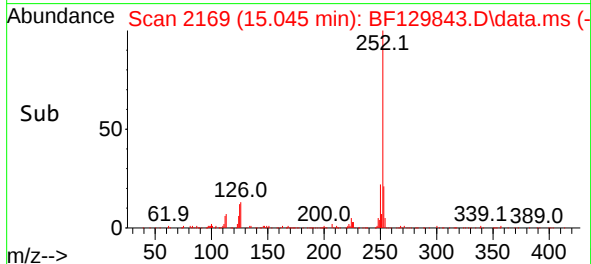
Instrument :
BNA_F
ClientSampleId :
SB17



Tgt Ion:252 Resp: 66883
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 13.4 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022



#90
Benzo(a)pyrene
Concen: 3.163 ng
RT: 15.415 min Scan# 2232
Delta R.T. 0.006 min
Lab File: BF129843.D
Acq: 17 Aug 2022 13:58

Tgt Ion:252 Resp: 39020
Ion Ratio Lower Upper
252 100
253 25.2 17.2 25.8
125 13.2 8.8 13.2

