

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129933.D
 Acq On : 20 Aug 2022 03:58
 Operator : CG\JU
 Sample : N4242-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-081722

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/22/2022
 Supervised By : Jagrut Upadhyay 08/22/2022

Quant Time: Aug 20 08:00:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 20 07:47:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	189950	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	714723	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	324532	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	433094	20.000	ng	0.00
76) Chrysene-d12	13.963	240	319224	20.000	ng	0.00
86) Perylene-d12	15.421	264	246904	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	217229	18.935	ng	0.00
7) Phenol-d6	6.440	99	268745	18.706	ng	0.00
23) Nitrobenzene-d5	7.351	82	160857	12.048	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	43355	13.311	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	287598	13.460	ng	0.00
79) Terphenyl-d14	12.892	244	198051	10.323	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	66942	2.768	ng	99
75) Fluoranthene	12.527	202	86050	3.477	ng	100
78) Pyrene	12.757	202	117751	4.245	ng	100
81) Benzo(a)anthracene	13.951	228	44501	2.026	ng	92
83) Chrysene	13.986	228	49143m	2.391	ng	
88) Benzo(b)fluoranthene	14.998	252	42871m	2.536	ng	
90) Benzo(a)pyrene	15.363	252	33243	2.497	ng	# 94

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

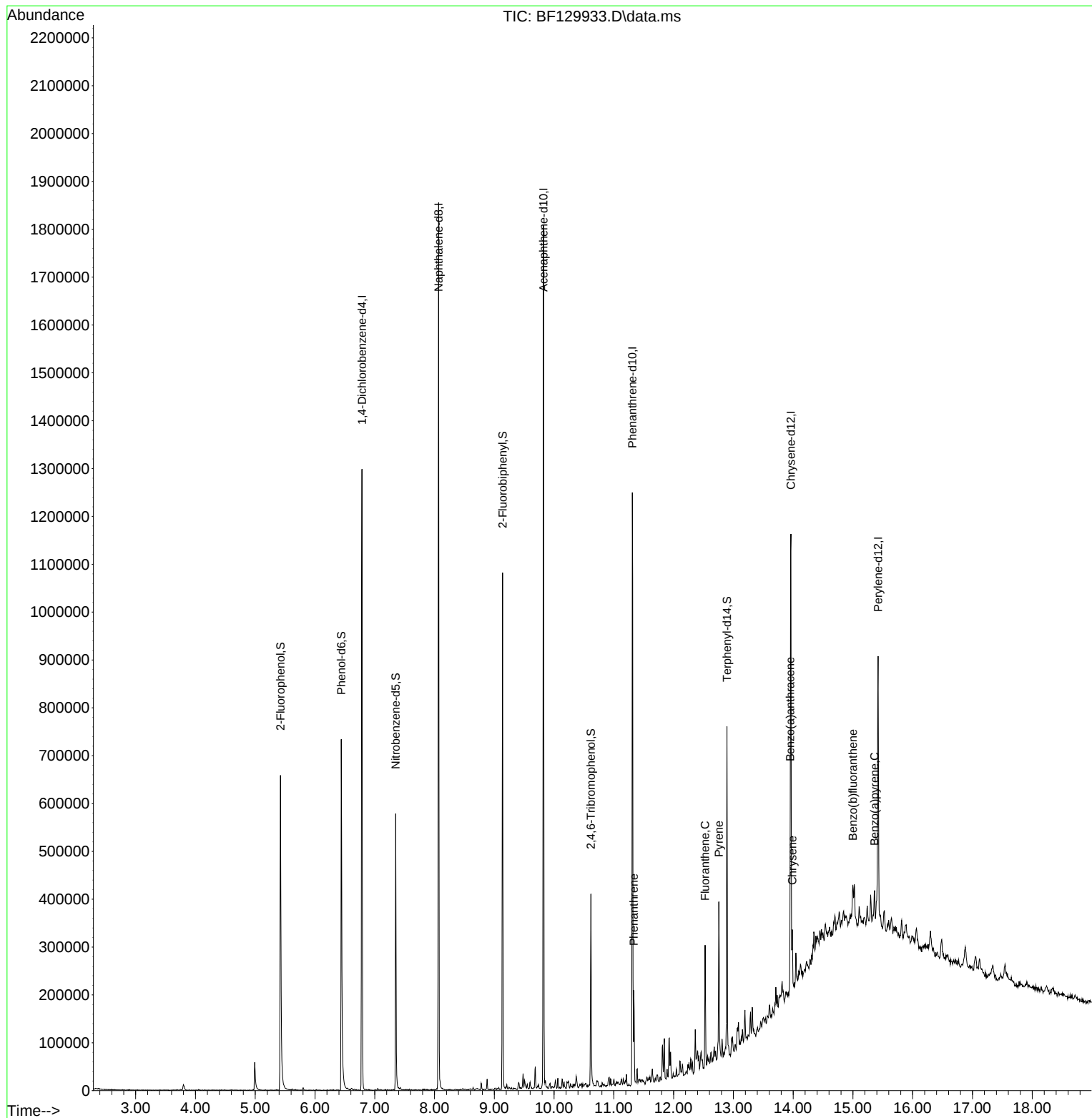
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
Data File : BF129933.D
Acq On : 20 Aug 2022 03:58
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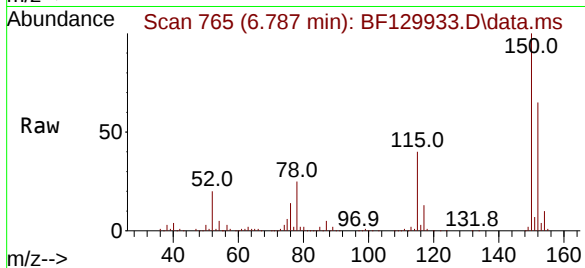
Quant Time: Aug 20 08:00:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 20 07:47:33 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129933.D
Acq: 20 Aug 2022 03:58

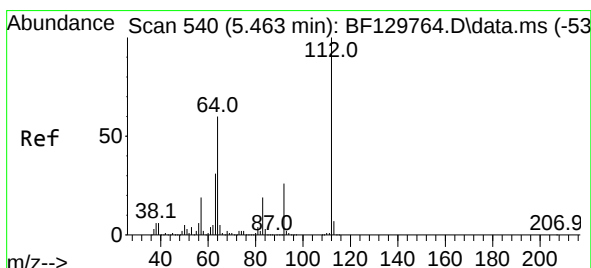
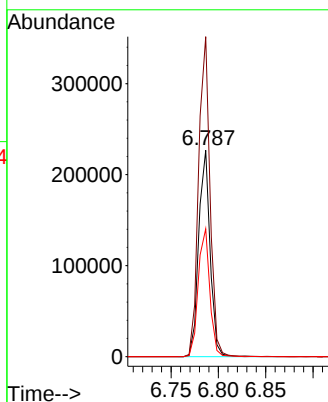
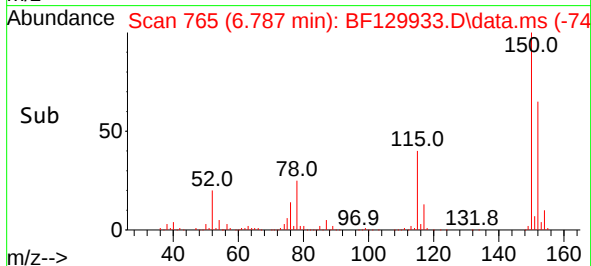
Instrument :
BNA_F
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CL-02-081722



Tgt Ion:152 Resp: 189950
Ion Ratio Lower Upper
152 100
150 155.0 126.9 190.3
115 61.9 53.4 80.0

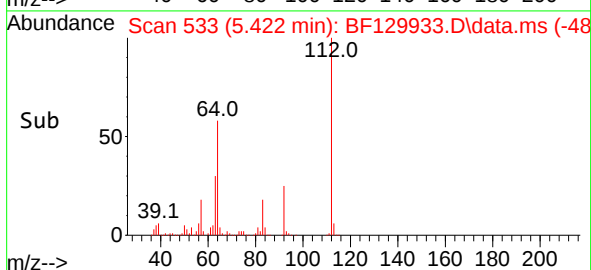
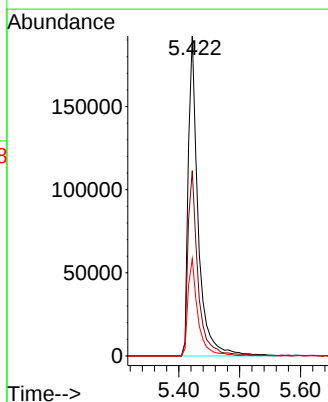
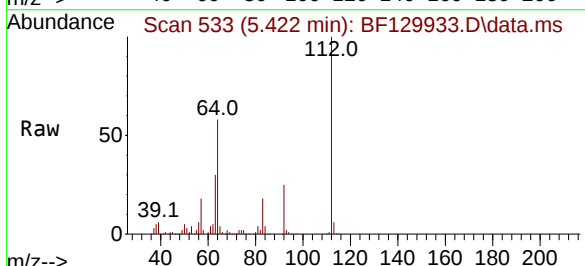
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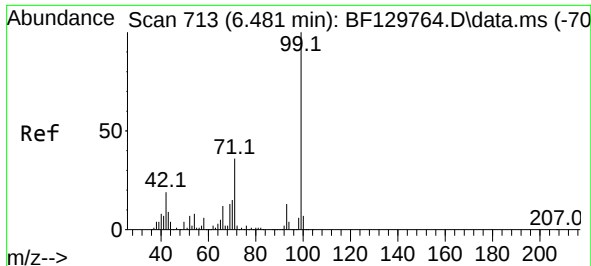
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#5
2-Fluorophenol
Concen: 18.935 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.000 min
Lab File: BF129933.D
Acq: 20 Aug 2022 03:58

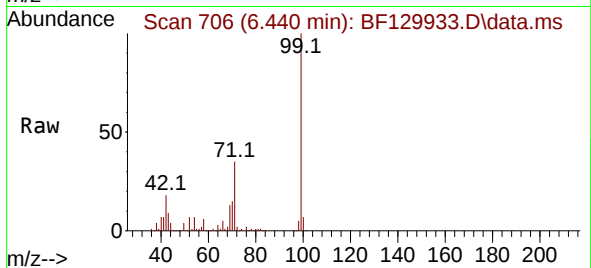
Tgt Ion:112 Resp: 217229
Ion Ratio Lower Upper
112 100
64 57.9 47.6 71.4
63 30.4 24.6 37.0





#7
Phenol-d6
Concen: 18.706 ng
RT: 6.440 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF129933.D
Acq: 20 Aug 2022 03:58

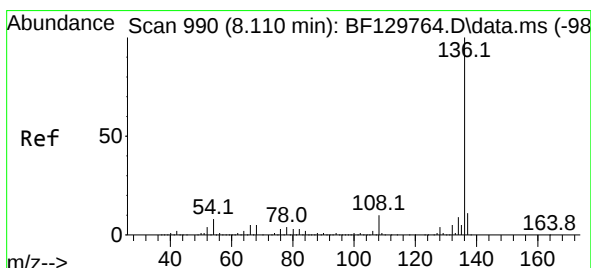
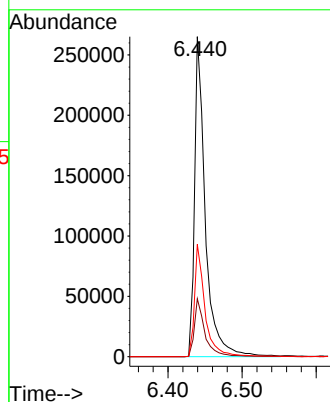
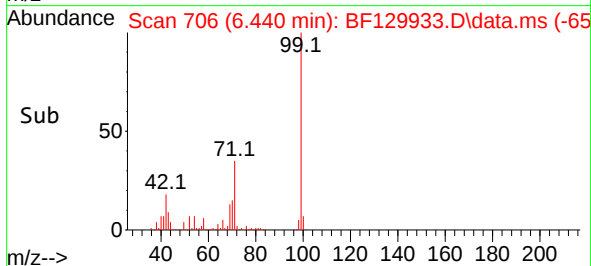
Instrument :
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CL-02-081722



Tgt Ion: 99 Resp: 268745
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.4
71 35.1 28.8 43.2

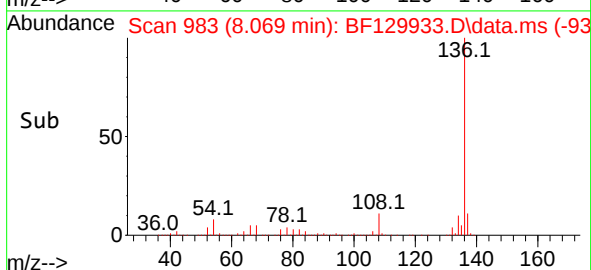
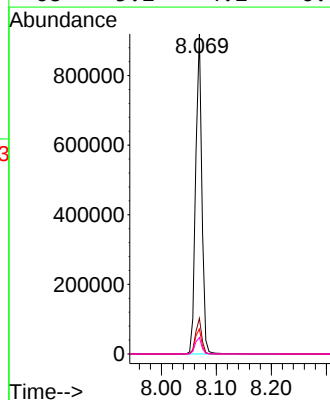
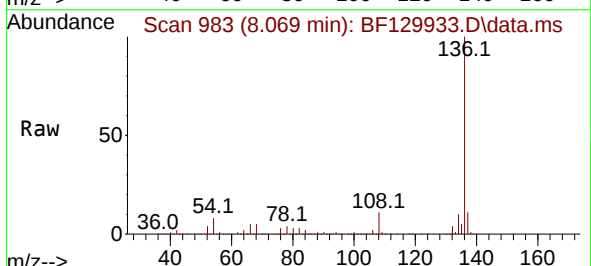
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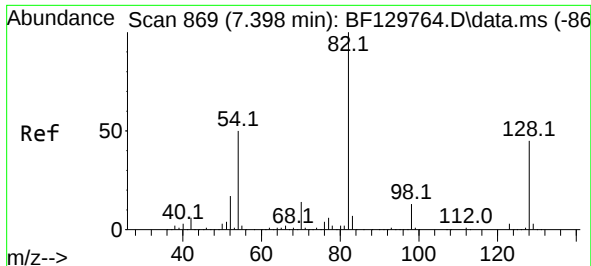
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF129933.D
Acq: 20 Aug 2022 03:58

Tgt Ion:136 Resp: 714723
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.8 6.2 9.2
68 5.2 4.2 6.4





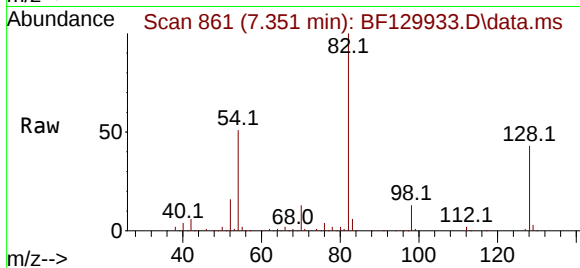
#23
Nitrobenzene-d5
Concen: 12.048 ng
RT: 7.351 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129933.D
Acq: 20 Aug 2022 03:58

Instrument :

BNA_F

ClientSampleId :

CL-02-081722

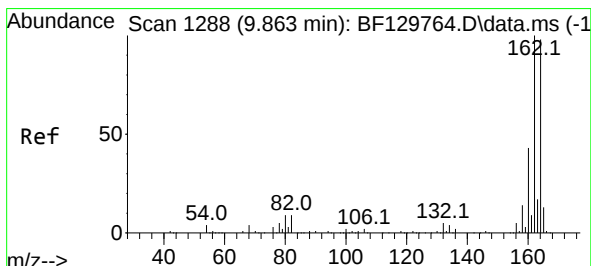
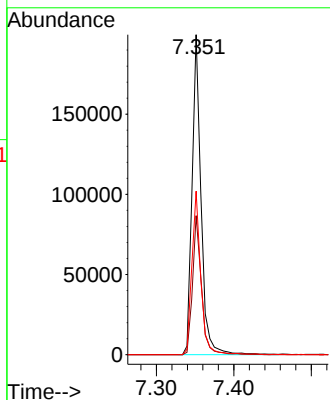
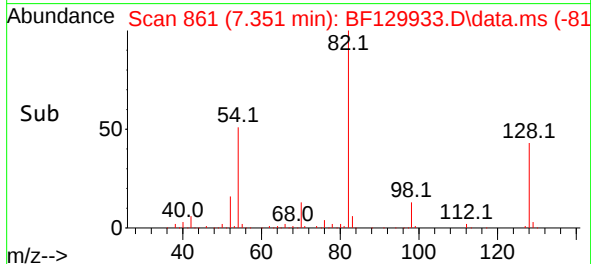


Tgt Ion: 82 Resp: 16085
Ion Ratio Lower Upper
82 100
128 43.5 36.1 54.1
54 51.1 40.0 60.0

Manual Integrations

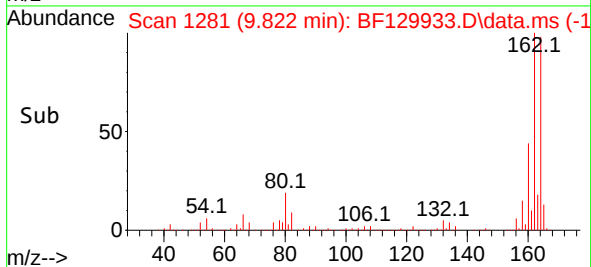
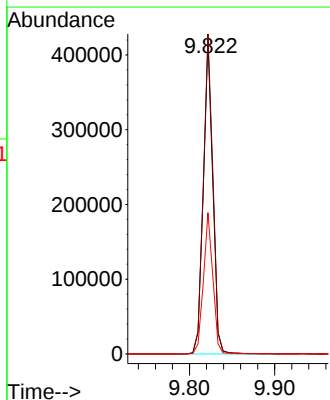
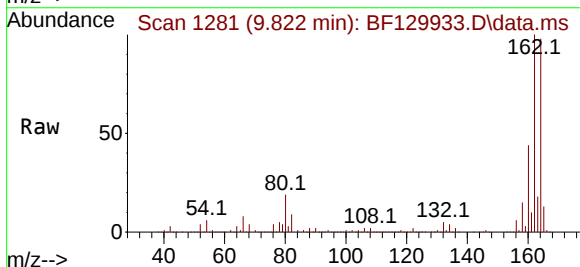
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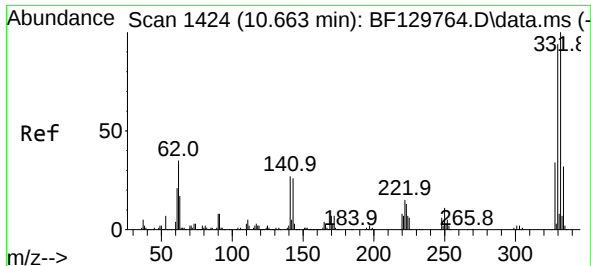
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF129933.D
Acq: 20 Aug 2022 03:58

Tgt Ion:164 Resp: 324532
Ion Ratio Lower Upper
164 100
162 101.9 82.0 123.0
160 45.0 35.4 53.0





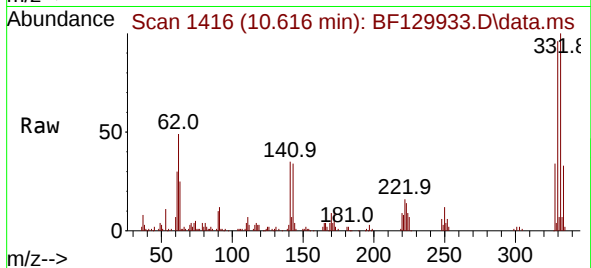
#42
2,4,6-Tribromophenol
Concen: 13.311 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF129933.D
Acq: 20 Aug 2022 03:58

Instrument :

BNA_F

ClientSampleId :

CL-02-081722

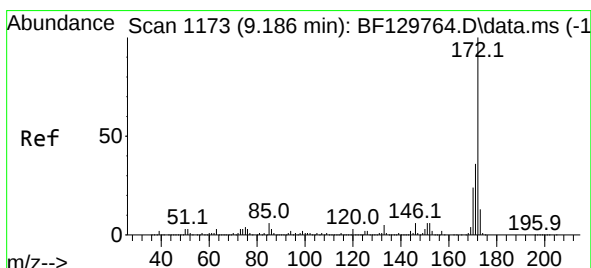
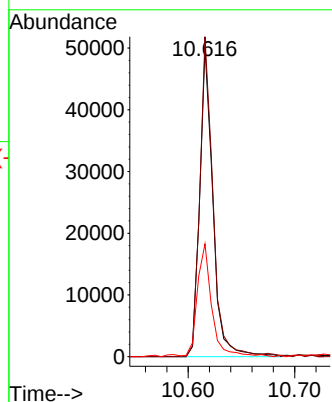
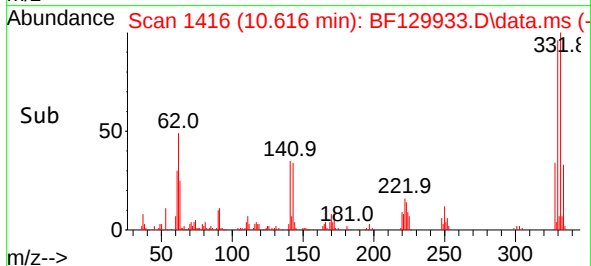


Tgt Ion: 330 Resp: 4335
Ion Ratio Lower Upper
330 100
332 102.5 82.6 124.0
141 40.5 27.6 41.4

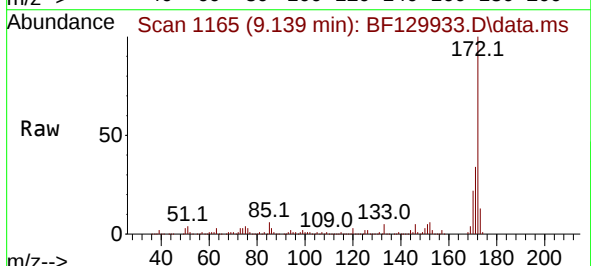
Manual Integrations

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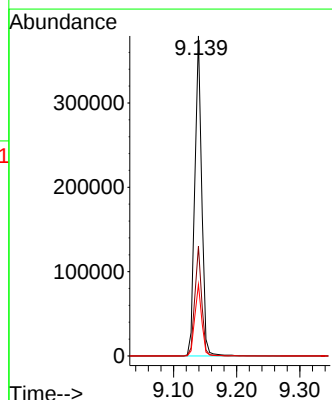
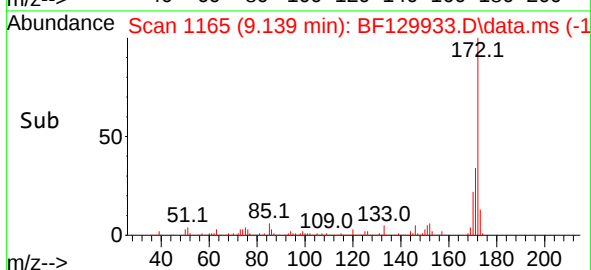
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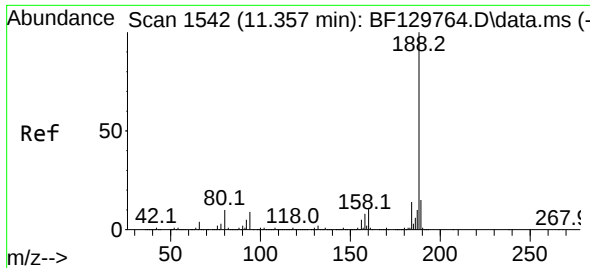


#45
2-Fluorobiphenyl
Concen: 13.460 ng
RT: 9.139 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF129933.D
Acq: 20 Aug 2022 03:58



Tgt Ion: 172 Resp: 287598
Ion Ratio Lower Upper
172 100
171 34.2 28.4 42.6
170 22.3 19.1 28.7





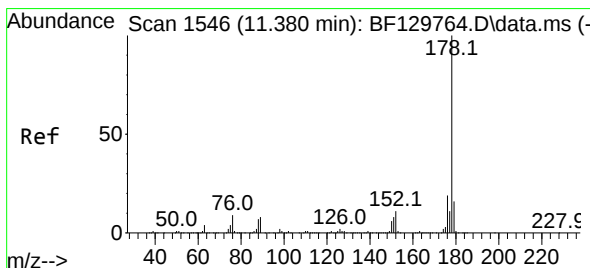
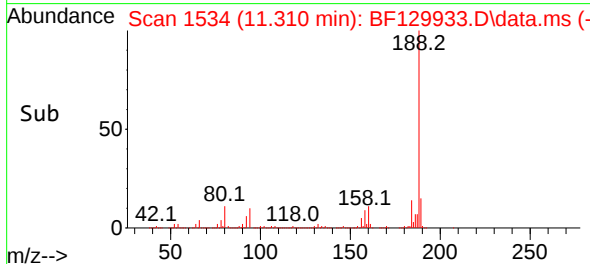
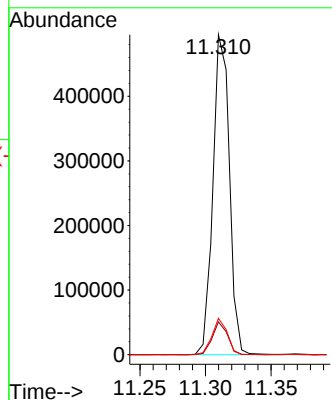
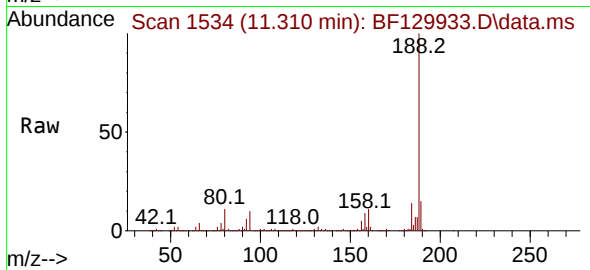
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129933.D
Acq: 20 Aug 2022 03:58

Instrument :
BNA_F
ClientSampleId :
CL-02-081722

Tgt Ion:188 Resp: 433094
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 11.4 7.9 11.9

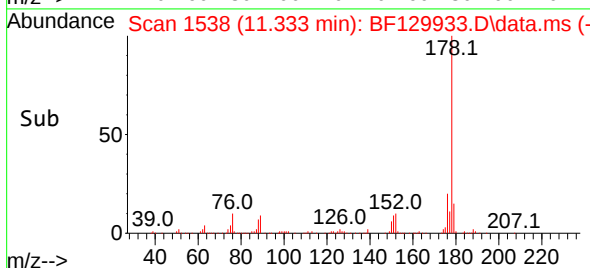
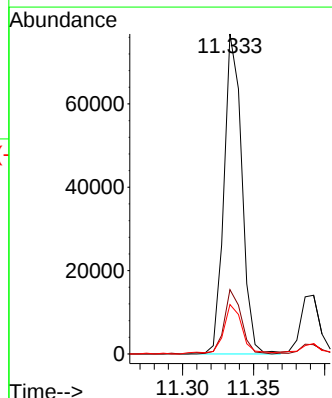
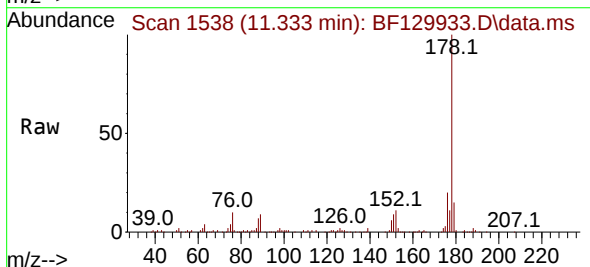
Manual Integrations
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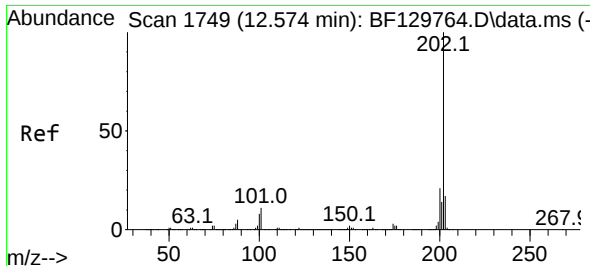
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#71
Phenanthrene
Concen: 2.768 ng
RT: 11.333 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF129933.D
Acq: 20 Aug 2022 03:58

Tgt Ion:178 Resp: 66942
Ion Ratio Lower Upper
178 100
176 20.1 15.5 23.3
179 15.5 12.5 18.7





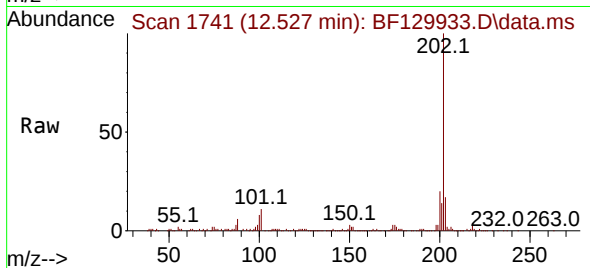
#75
Fluoranthene
Concen: 3.477 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129933.D
Acq: 20 Aug 2022 03:58

Instrument :

BNA_F

ClientSampleId :

CL-02-081722



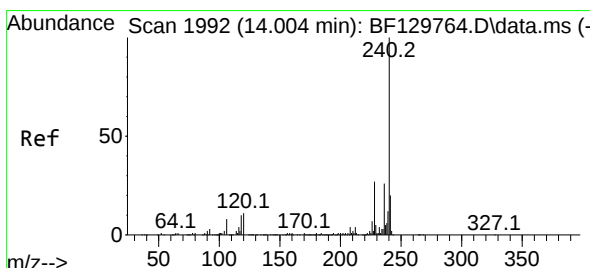
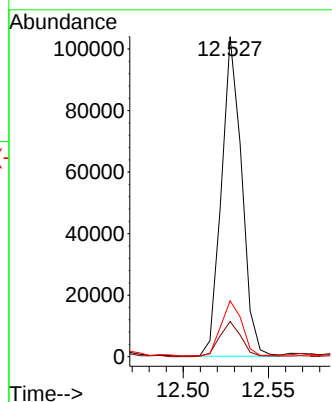
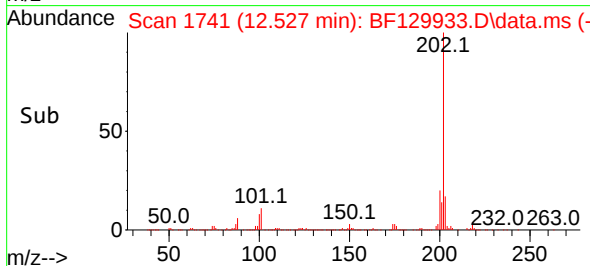
Tgt Ion:202 Resp: 86050
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 17.5 0.0 37.5

Manual Integrations

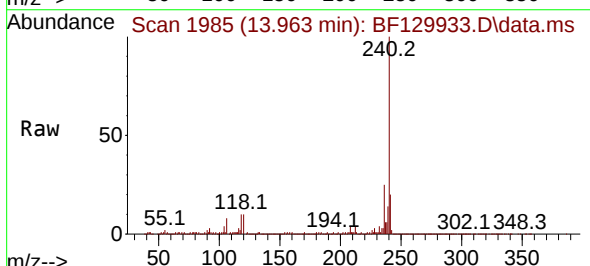
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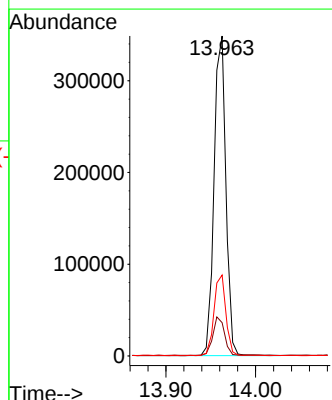
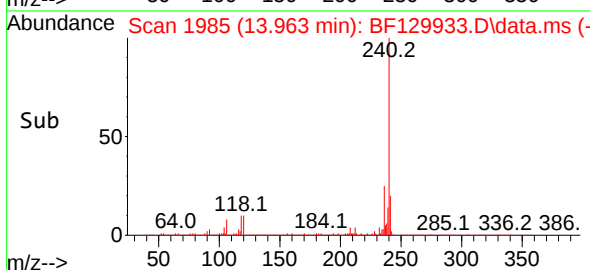
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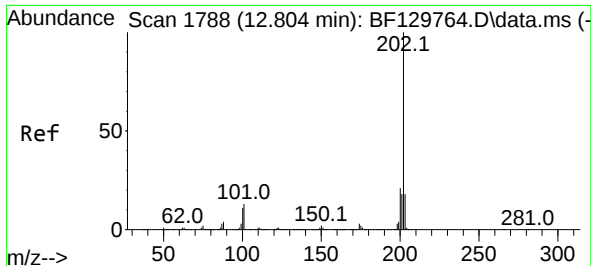


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF129933.D
Acq: 20 Aug 2022 03:58



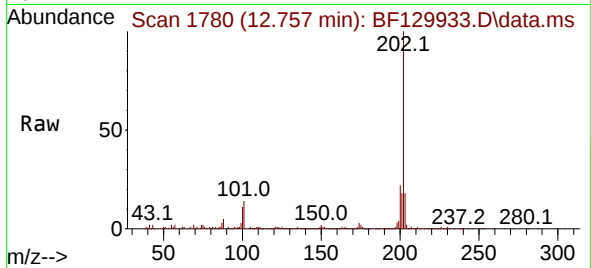
Tgt Ion:240 Resp: 319224
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 25.3 20.7 31.1





#78
Pyrene
Concen: 4.245 ng
RT: 12.757 min Scan# 11775
Delta R.T. -0.006 min
Lab File: BF129933.D
Acq: 20 Aug 2022 03:58

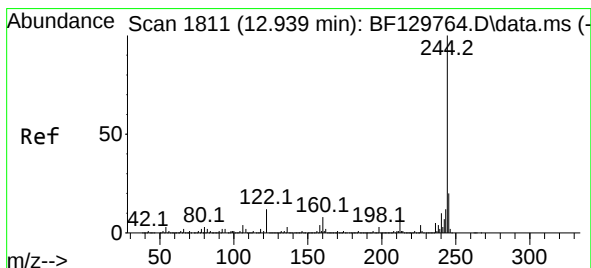
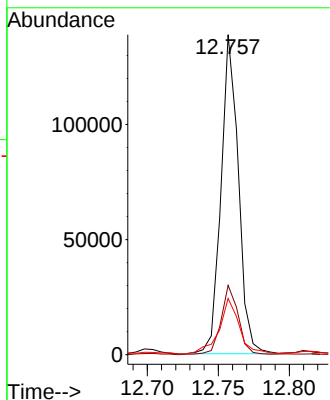
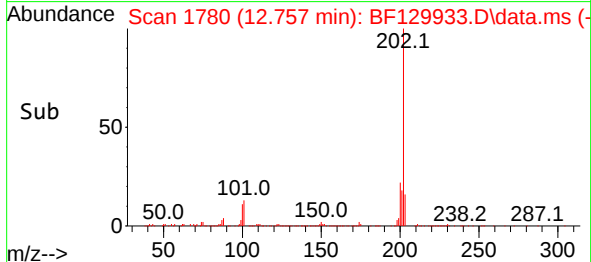
Instrument :
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CL-02-081722



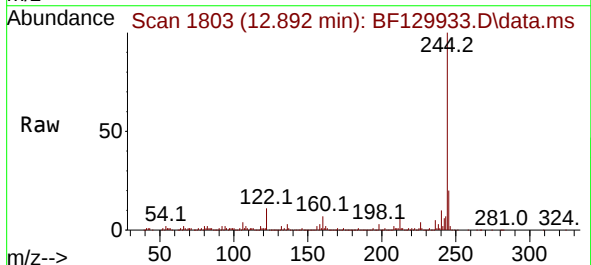
Tgt Ion:202 Resp: 11775
Ion Ratio Lower Upper
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200 21.7 17.0 25.6
203 17.5 14.1 21.1

Manual Integrations
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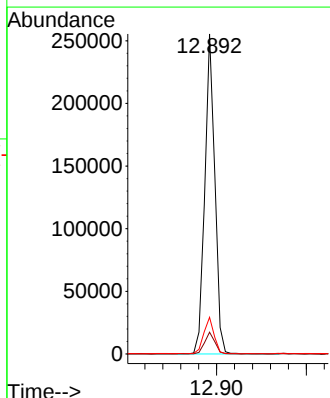
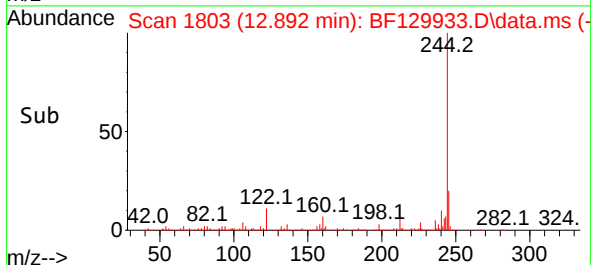
Reviewed By :Christian Giraldo 08/22/2022
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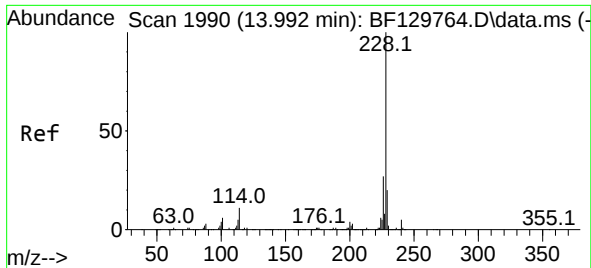


#79
Terphenyl-d14
Concen: 10.323 ng
RT: 12.892 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF129933.D
Acq: 20 Aug 2022 03:58



Tgt Ion:244 Resp: 198051
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.4 9.9 14.9





#81
Benzo(a)anthracene
Concen: 2.026 ng
RT: 13.951 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BF129933.D
Acq: 20 Aug 2022 03:58

Instrument :

BNA_F

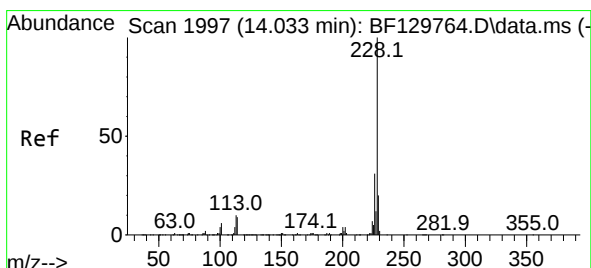
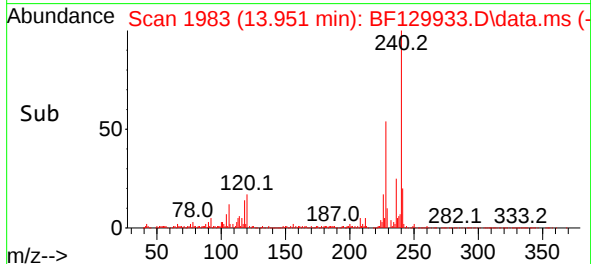
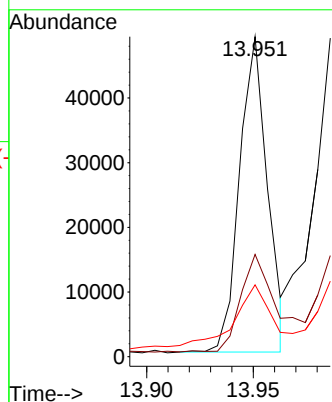
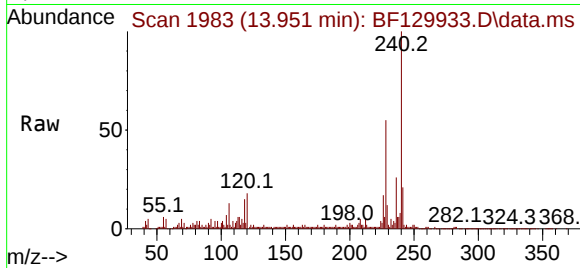
ClientSampleId :

CL-02-081722

Tgt Ion:228 Resp: 4450
Ion Ratio Lower Upper
228 100
226 31.9 21.4 32.0
229 22.4 16.1 24.1

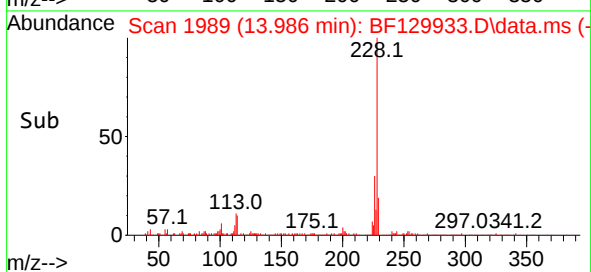
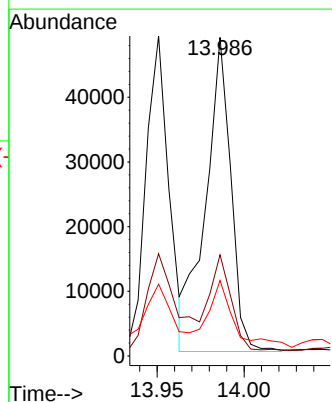
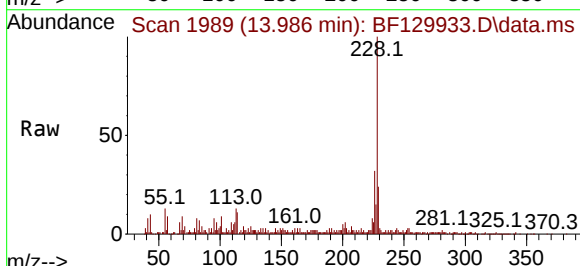
Manual Integrations
APPROVED

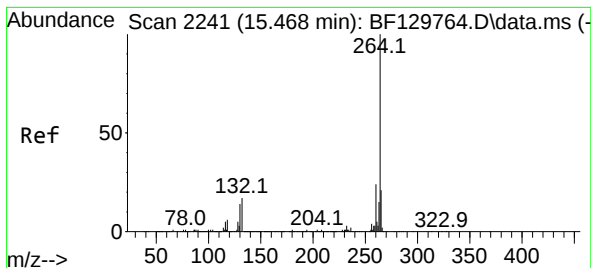
Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022



#83
Chrysene
Concen: 2.391 ng m
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF129933.D
Acq: 20 Aug 2022 03:58

Tgt Ion:228 Resp: 49143
Ion Ratio Lower Upper
228 100
226 31.8 24.4 36.6
229 23.7 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2161

Delta R.T. 0.006 min

Lab File: BF129933.D

Acq: 20 Aug 2022 03:58

Instrument :

BNA_F

ClientSampleId :

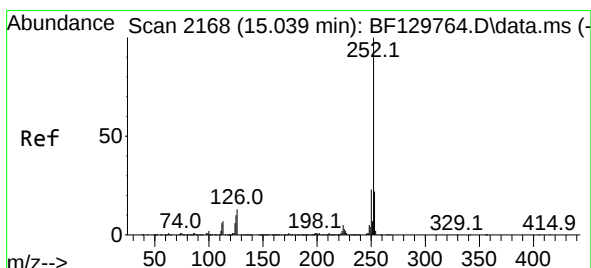
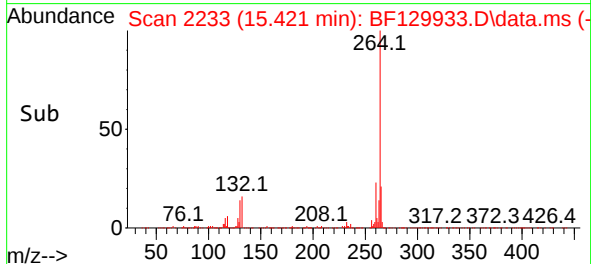
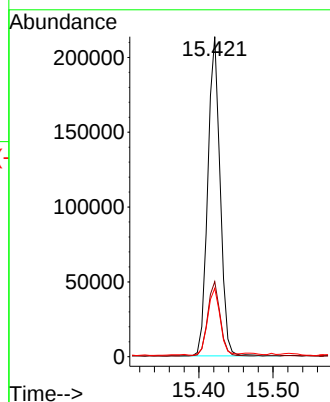
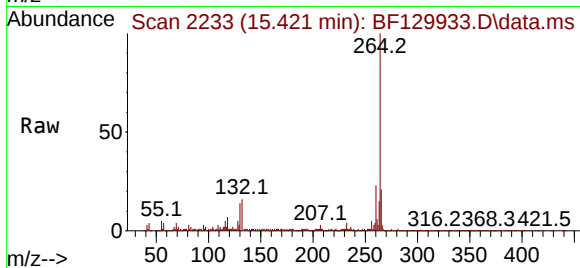
CL-02-081722

Tgt Ion:264 Resp: 246904
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.3 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/22/2022
 Supervised By :Jagrut Upadhyay 08/22/2022



#88

Benzo(b)fluoranthene

Concen: 2.536 ng m

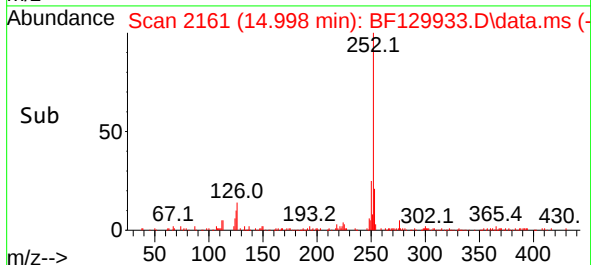
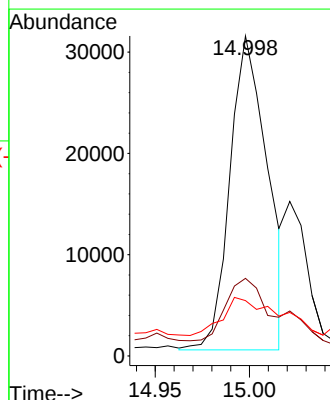
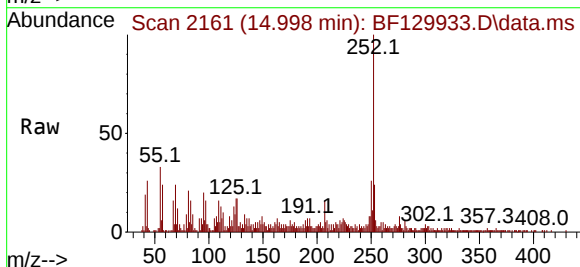
RT: 14.998 min Scan# 2161

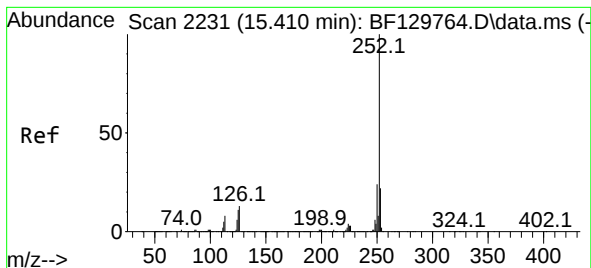
Delta R.T. 0.000 min

Lab File: BF129933.D

Acq: 20 Aug 2022 03:58

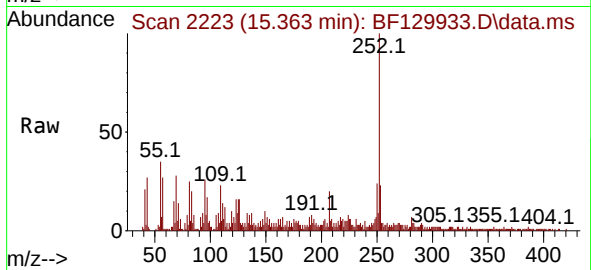
Tgt Ion:252 Resp: 42871
 Ion Ratio Lower Upper
 252 100
 253 24.3 17.5 26.3
 125 17.3 8.3 12.5#





#90
Benzo(a)pyrene
Concen: 2.497 ng
RT: 15.363 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129933.D
Acq: 20 Aug 2022 03:58

Instrument :
BNA_F
ClientSampleId :
CL-02-081722



Tgt Ion:252 Resp: 3324
Ion Ratio Lower Upper
252 100
253 23.2 17.2 25.8
125 15.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/22/2022
Supervised By :Jagrut Upadhyay 08/22/2022

