

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129681.D
 Acq On : 09 Aug 2022 23:25
 Operator : CG\JU
 Sample : N3962-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-191

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/10/2022
 Supervised By : Jagrut Upadhyay 08/10/2022

Quant Time: Aug 10 05:36:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	173398	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	657808	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	301411	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	404380	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	292609	20.000	ng	-0.01
86) Perylene-d12	15.492	264	264528	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	915383	85.996	ng	0.00
7) Phenol-d6	6.493	99	1107170	82.752	ng	-0.01
23) Nitrobenzene-d5	7.404	82	704485	58.462	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	217332	74.998	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1203698	61.778	ng	-0.01
79) Terphenyl-d14	12.951	244	859868	55.440	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	58127	2.633	ng	98
75) Fluoranthene	12.586	202	81246	3.633	ng	97
78) Pyrene	12.816	202	124019	5.068	ng	96
81) Benzo(a)anthracene	14.004	228	56695m	2.836	ng	
83) Chrysene	14.039	228	60440	3.208	ng	99
88) Benzo(b)fluoranthene	15.057	252	62847m	3.582	ng	
90) Benzo(a)pyrene	15.427	252	50971	3.578	ng	# 95

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

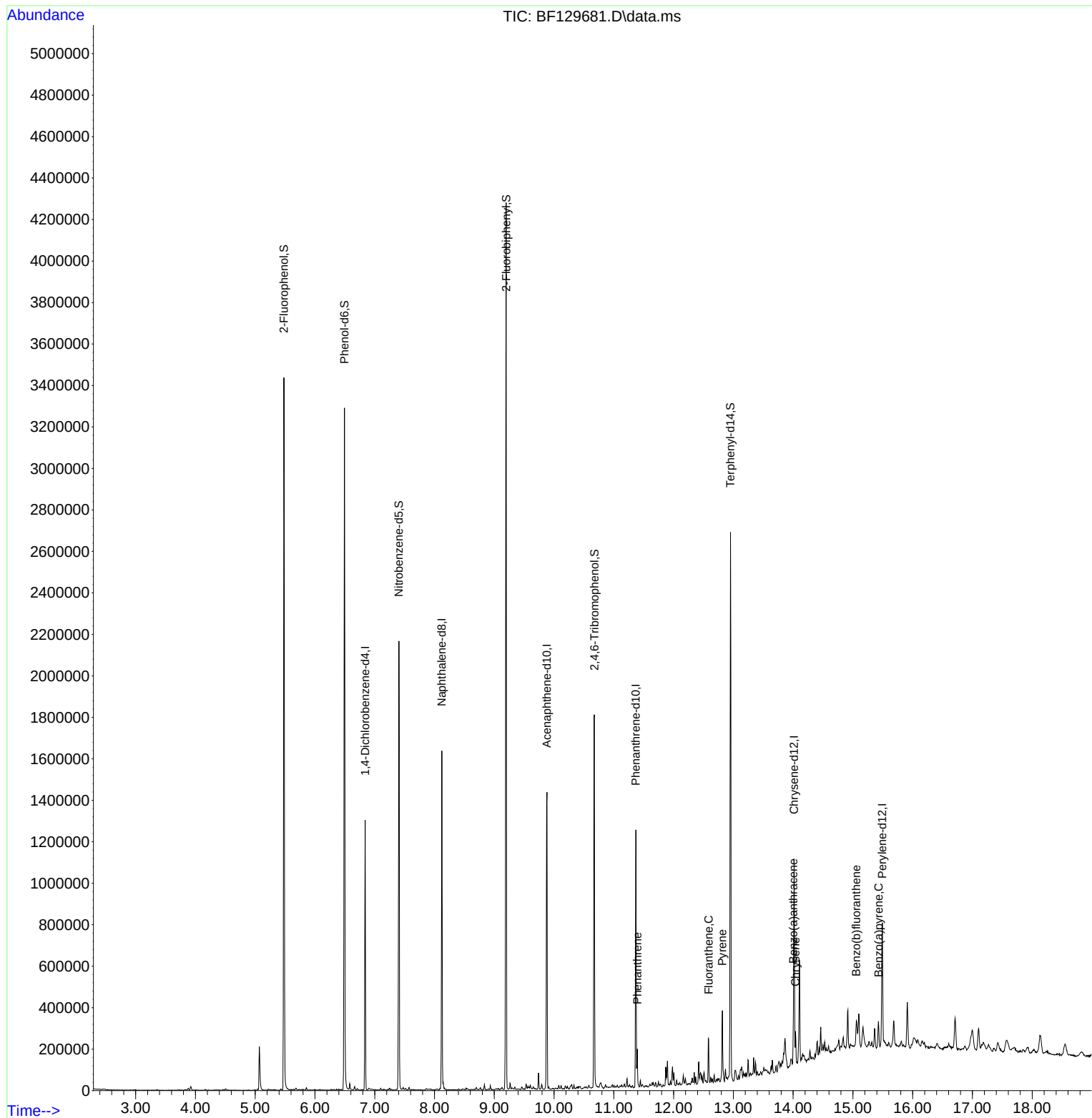
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129681.D
Acq On : 09 Aug 2022 23:25
Operator : CG\JU
Sample : N3962-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

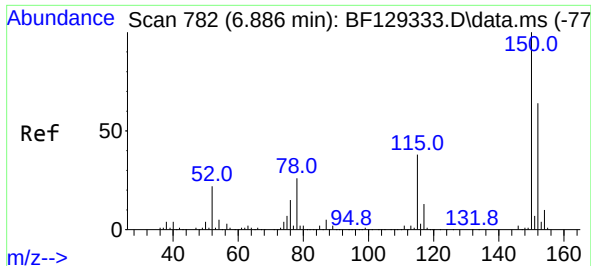
Instrument :
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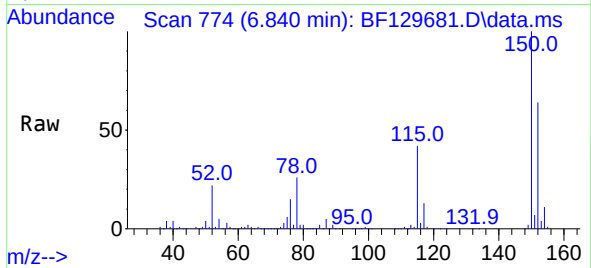
Quant Time: Aug 10 05:36:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

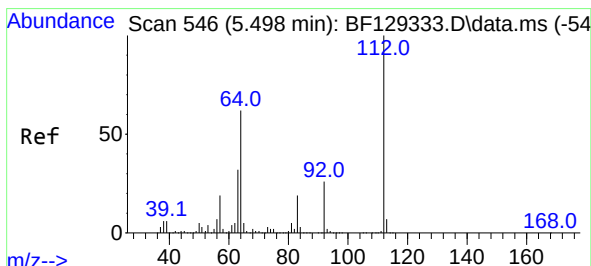
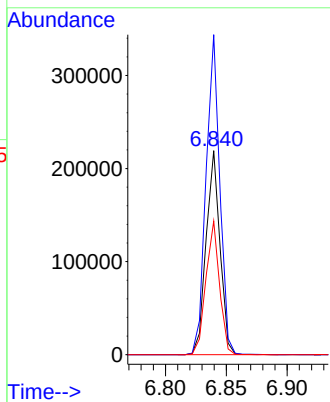
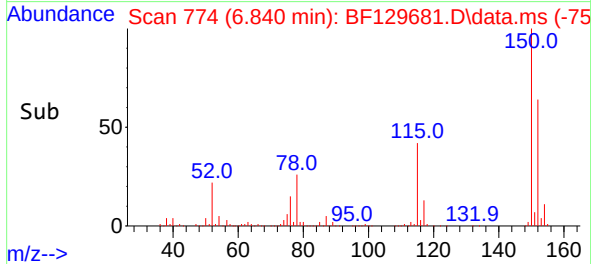
Instrument :
BNA_F
ClientSampleId :
RVE-191



Tgt Ion:152 Resp: 173398
Ion Ratio Lower Upper
152 100
150 156.9 123.7 185.5
115 65.5 49.9 74.9

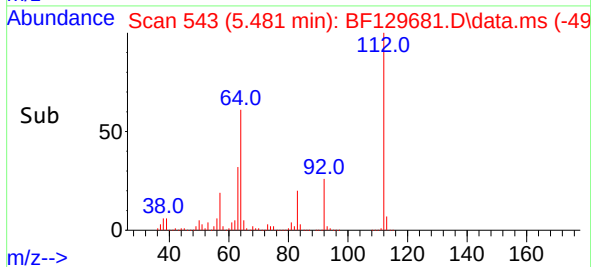
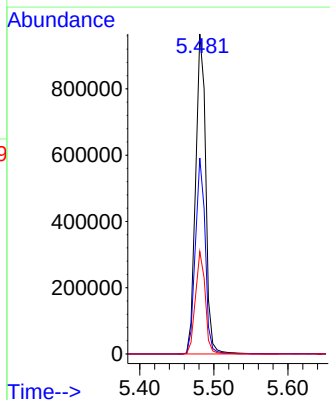
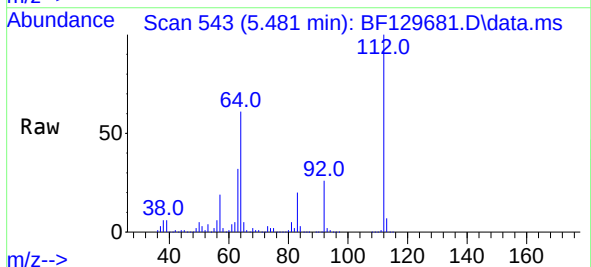
Manual Integrations
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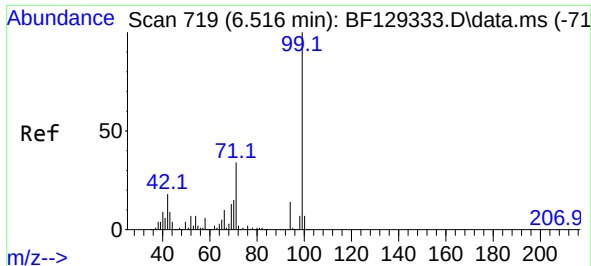
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#5
2-Fluorophenol
Concen: 85.996 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

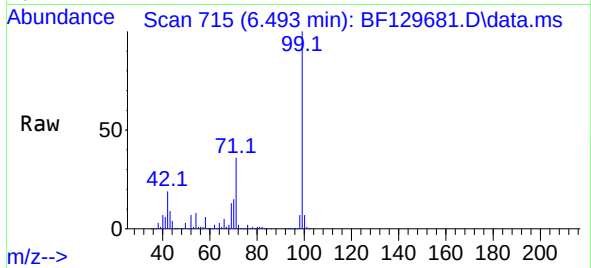
Tgt Ion:112 Resp: 915383
Ion Ratio Lower Upper
112 100
64 61.2 53.3 79.9
63 32.0 28.0 42.0





#7
Phenol-d6
Concen: 82.752 ng
RT: 6.493 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

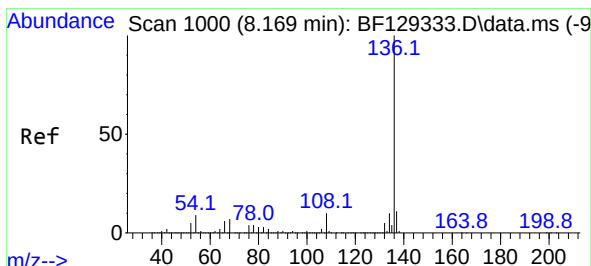
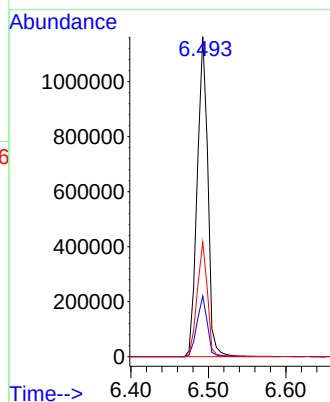
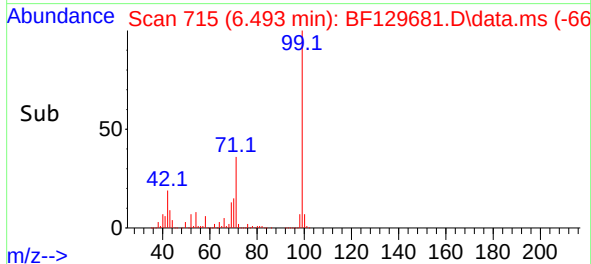
Instrument :
BNA_F
ClientSampleId :
RVE-191



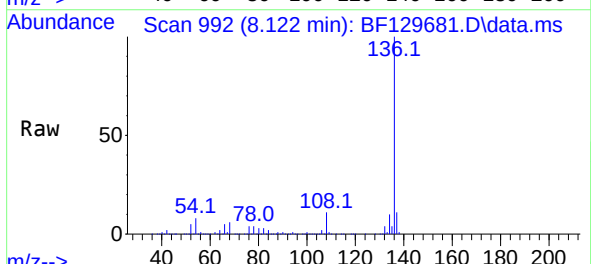
Tgt Ion: 99 Resp: 1107170
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 35.8 28.9 43.3

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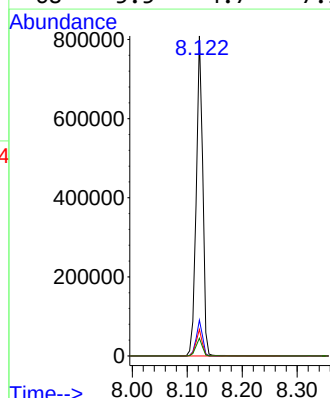
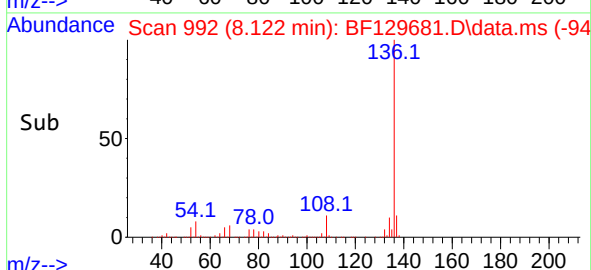
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

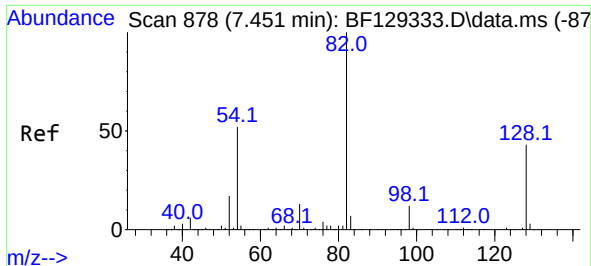


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25



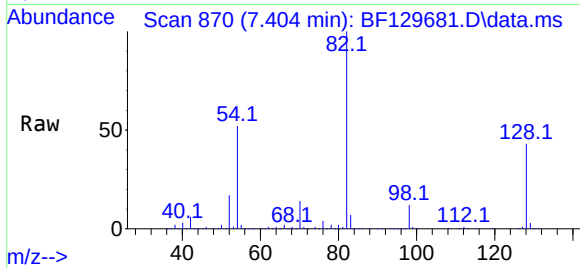
Tgt Ion:136 Resp: 657808
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.3 7.5 11.3
68 5.5 4.7 7.1





#23
Nitrobenzene-d5
Concen: 58.462 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

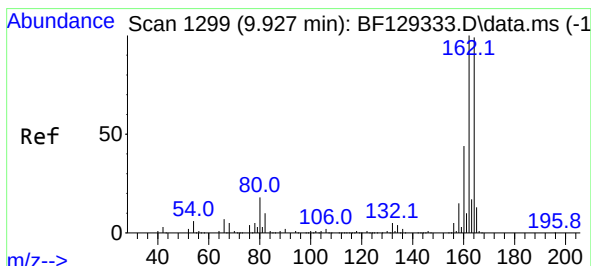
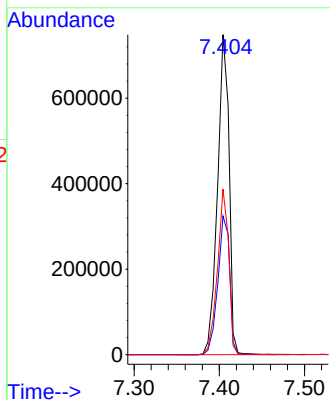
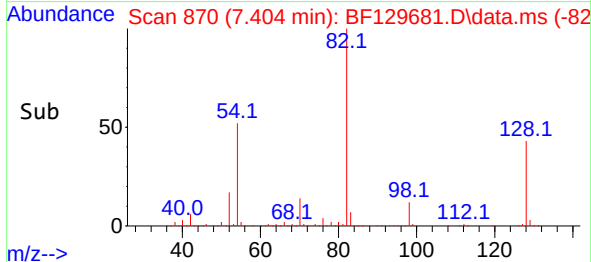
Instrument :
BNA_F
ClientSampleId :
RVE-191



Tgt Ion: 82 Resp: 70448
Ion Ratio Lower Upper
82 100
128 43.4 34.0 51.0
54 51.8 46.9 70.3

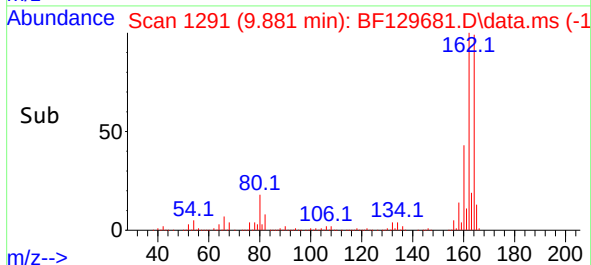
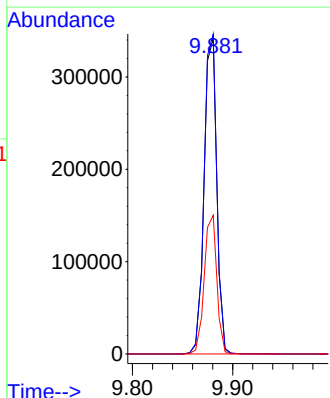
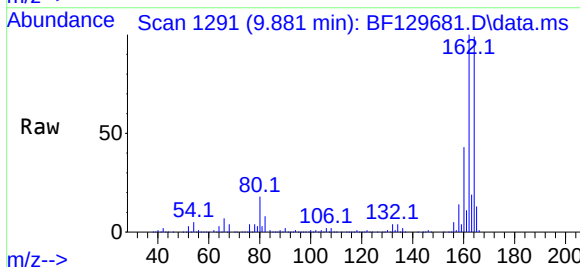
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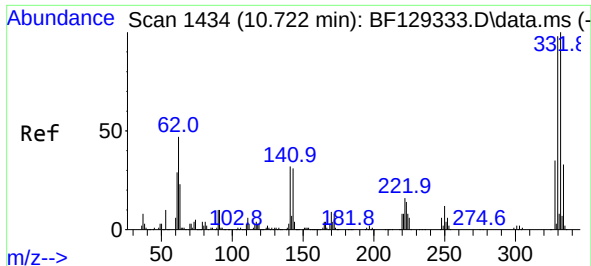
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

Tgt Ion:164 Resp: 301411
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 44.0 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 74.998 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

Instrument :

BNA_F

ClientSampleId :

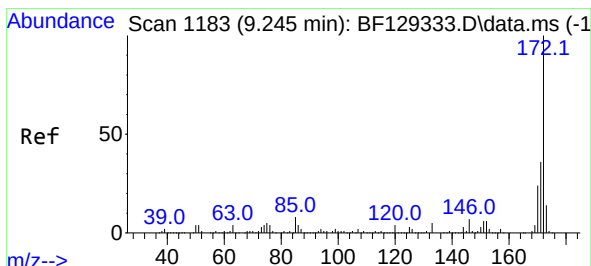
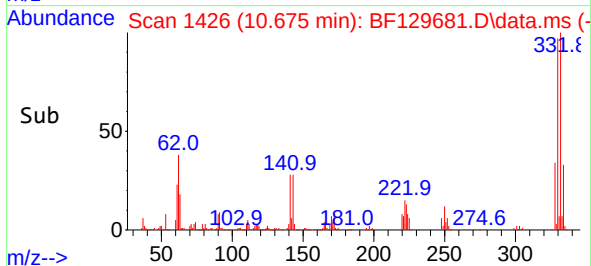
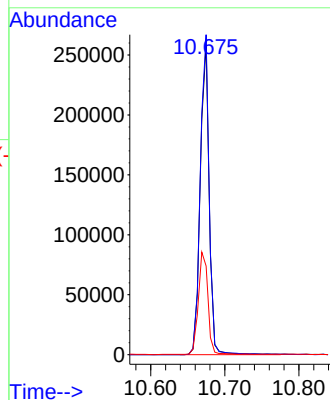
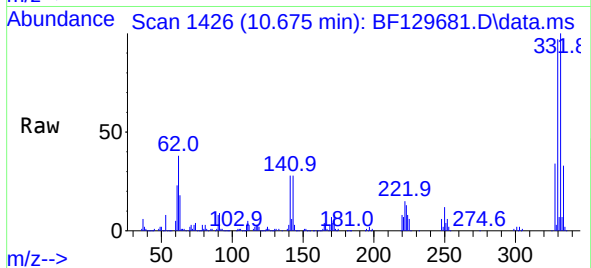
RVE-191

Tgt Ion:330 Resp: 21733
Ion Ratio Lower Upper
330 100
332 102.8 76.8 115.2
141 35.8 28.0 42.0

Manual Integrations

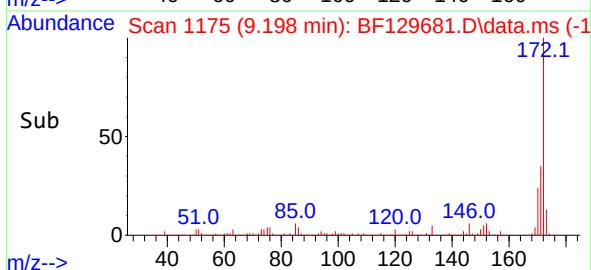
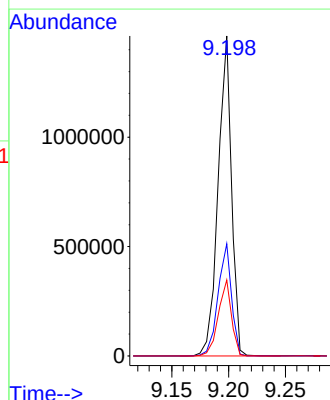
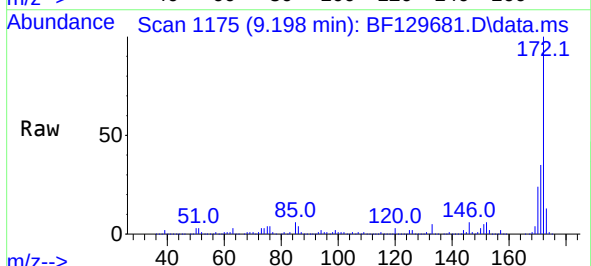
APPROVED

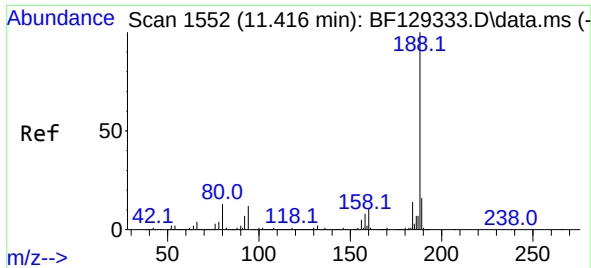
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#45
2-Fluorobiphenyl
Concen: 61.778 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

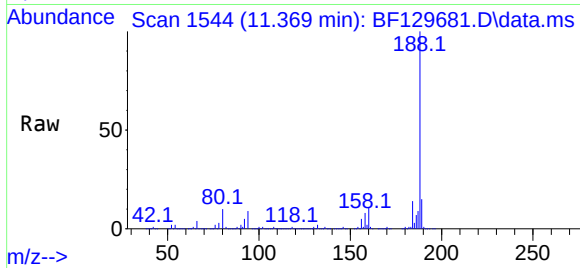
Tgt Ion:172 Resp: 1203698
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.8 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

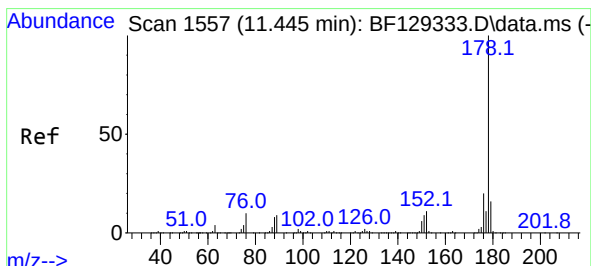
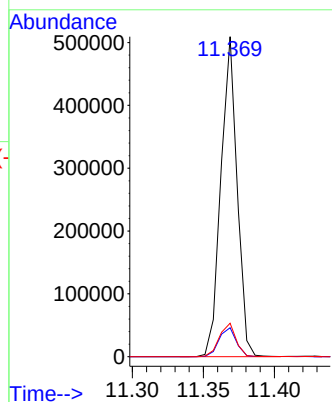
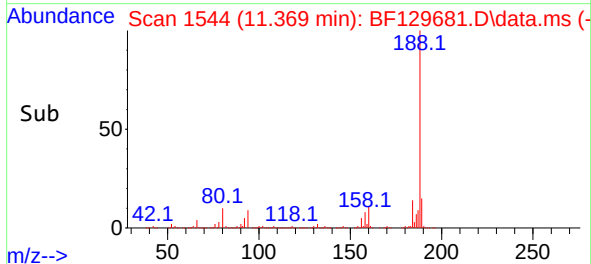
Instrument :
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ClientSampleId :
RVE-191



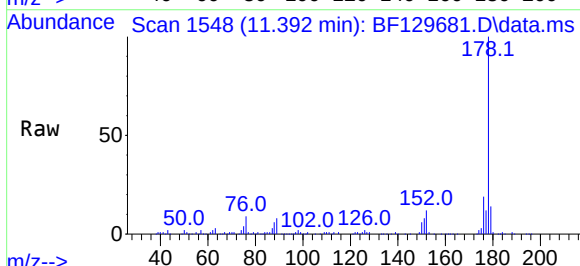
Tgt Ion:188 Resp: 404380
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 10.4 7.6 11.4

Manual Integrations
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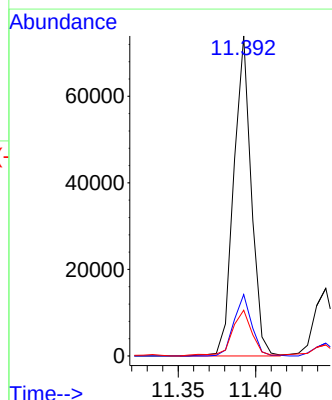
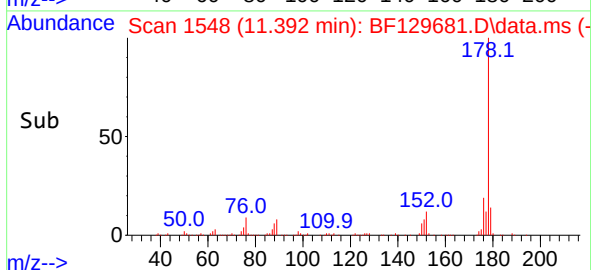
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

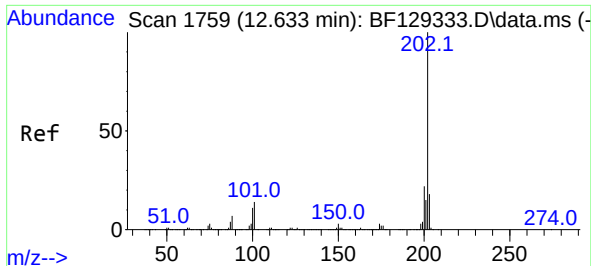


#71
Phenanthrene
Concen: 2.633 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.018 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25



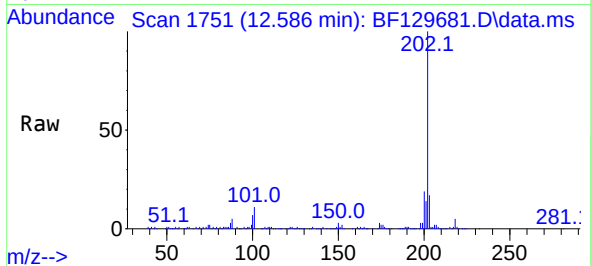
Tgt Ion:178 Resp: 58127
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 14.3 12.6 19.0





#75
Fluoranthene
Concen: 3.633 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

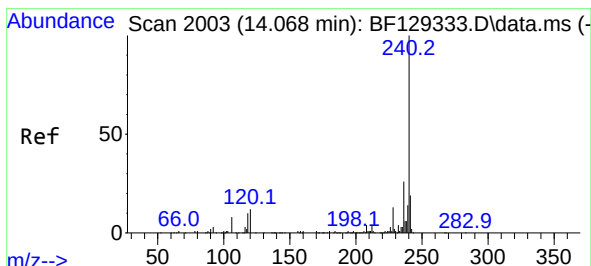
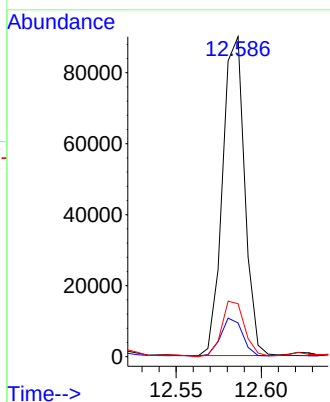
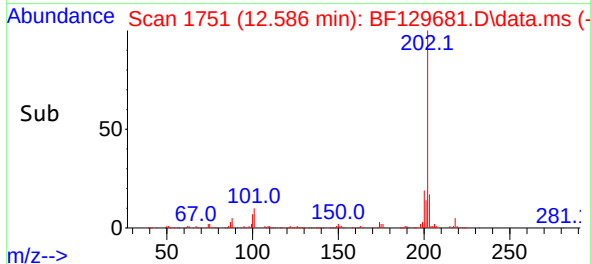
Instrument :
BNA_F
ClientSampleId :
RVE-191



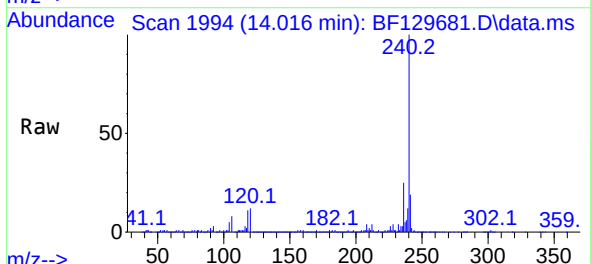
Tgt Ion:202 Resp: 81240
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.4
203 16.6 0.0 38.0

Manual Integrations
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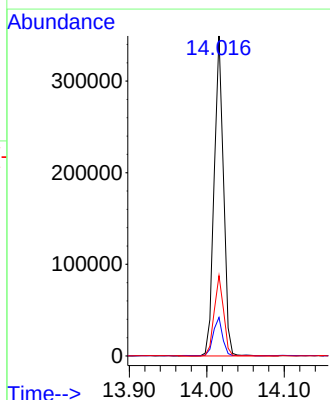
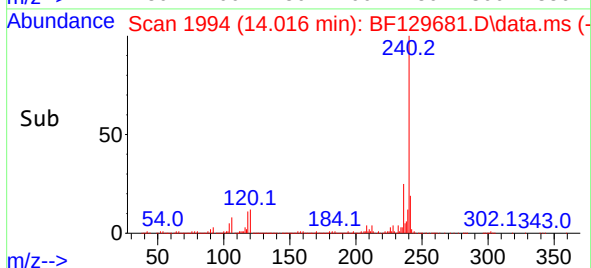
Reviewed By :Christian Giraldo 08/10/2022
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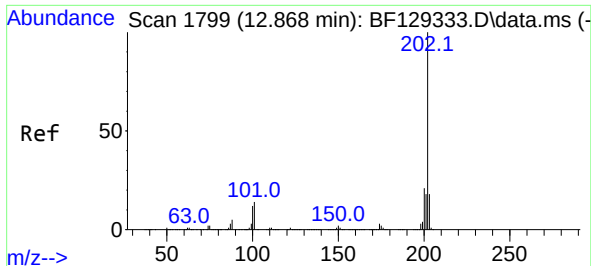


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25



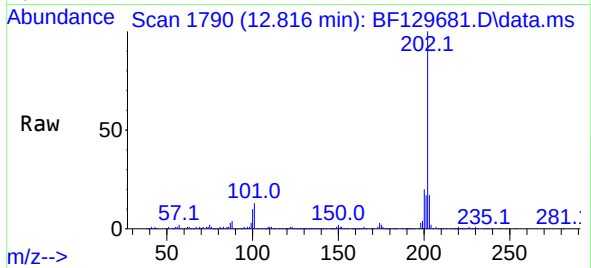
Tgt Ion:240 Resp: 292609
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 25.1 20.8 31.2





#78
Pyrene
Concen: 5.068 ng
RT: 12.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

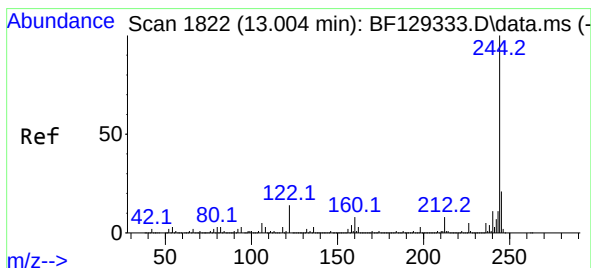
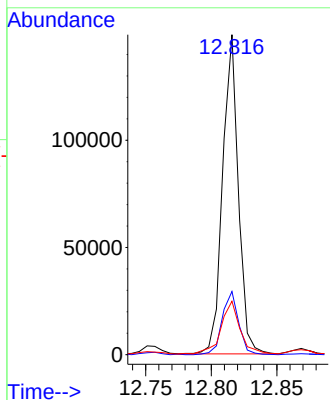
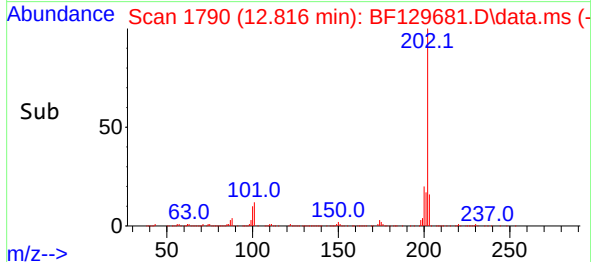
Instrument :
BNA_F
ClientSampleId :
RVE-191



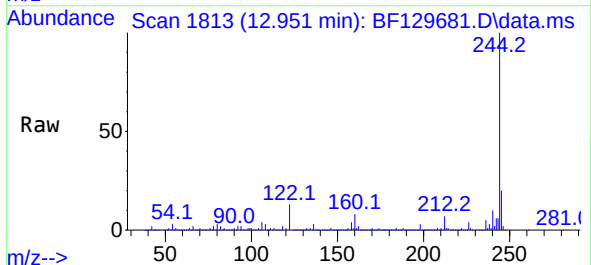
Tgt Ion:202 Resp: 124019
Ion Ratio Lower Upper
202 100
200 19.8 17.7 26.5
203 16.7 14.6 21.8

Manual Integrations
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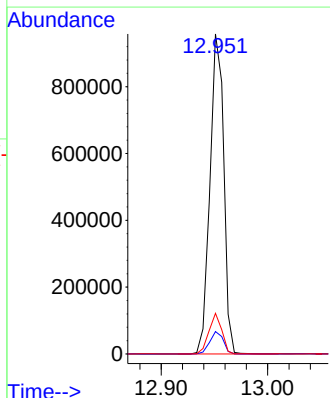
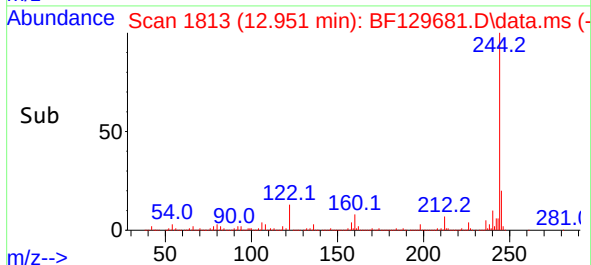
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

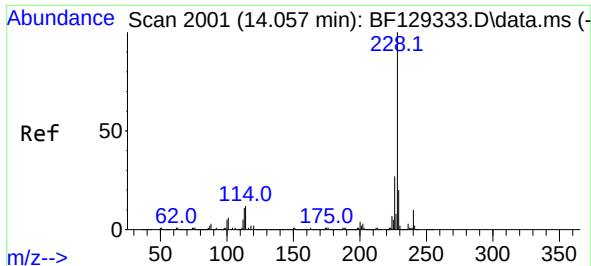


#79
Terphenyl-d14
Concen: 55.440 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.018 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25



Tgt Ion:244 Resp: 859868
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 12.7 8.8 13.2





#81

Benzo(a)anthracene

Concen: 2.836 ng m

RT: 14.004 min Scan# 1992

Delta R.T. -0.012 min

Lab File: BF129681.D

Acq: 09 Aug 2022 23:25

Instrument :

BNA_F

ClientSampleId :

RVE-191

Tgt Ion:228 Resp: 5669

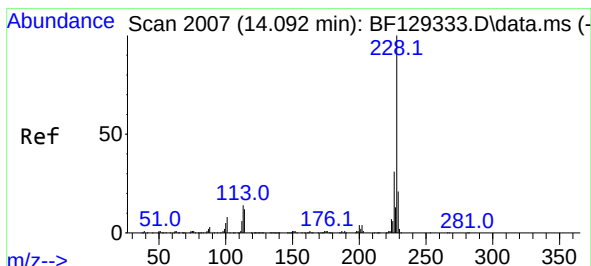
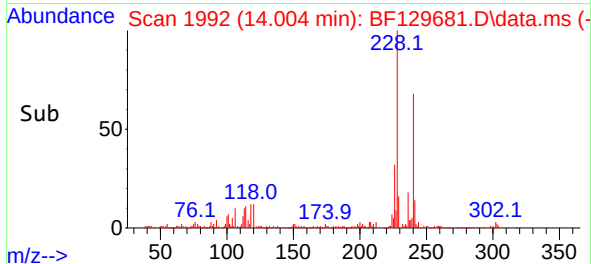
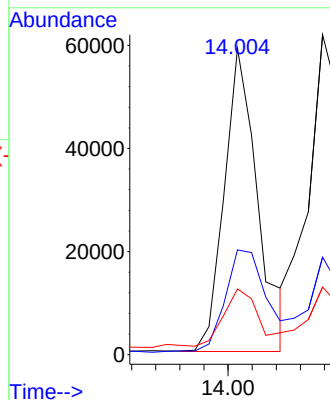
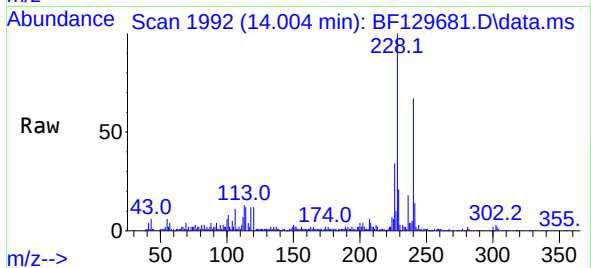
Ion	Ratio	Lower	Upper
228	100		
226	34.2	22.1	33.1
229	21.4	15.8	23.8

Manual Integrations

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Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#83

Chrysene

Concen: 3.208 ng

RT: 14.039 min Scan# 1998

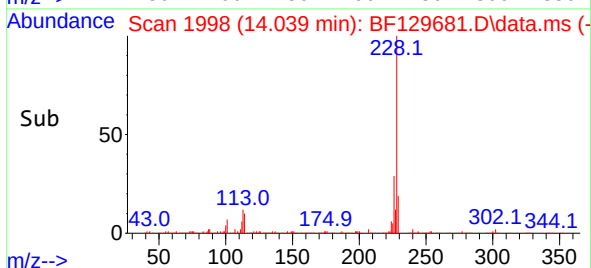
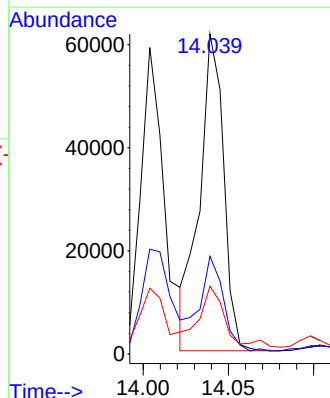
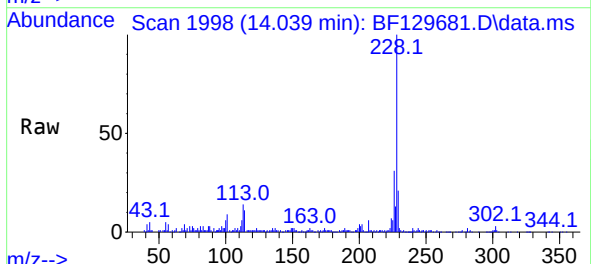
Delta R.T. -0.018 min

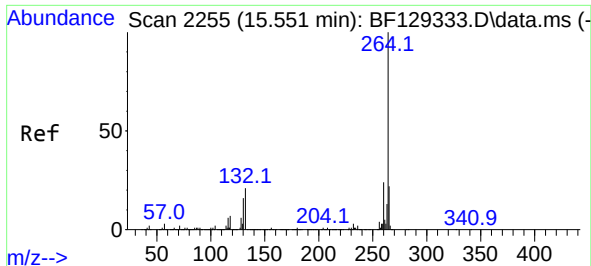
Lab File: BF129681.D

Acq: 09 Aug 2022 23:25

Tgt Ion:228 Resp: 60440

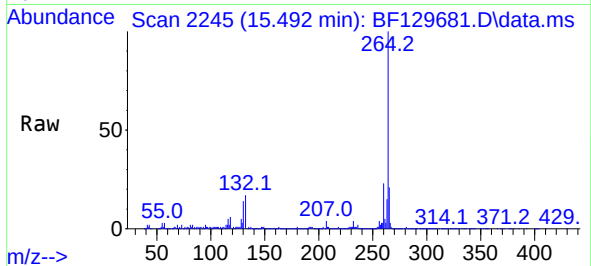
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	21.2	15.9	23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

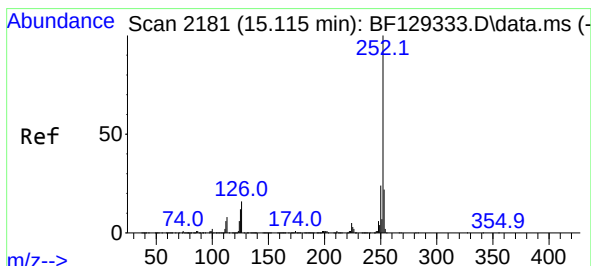
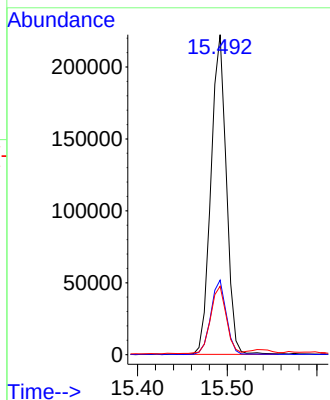
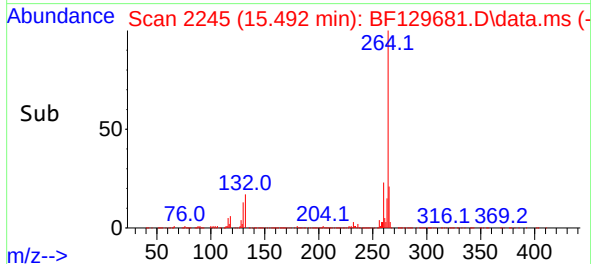
Instrument :
BNA_F
ClientSampleId :
RVE-191



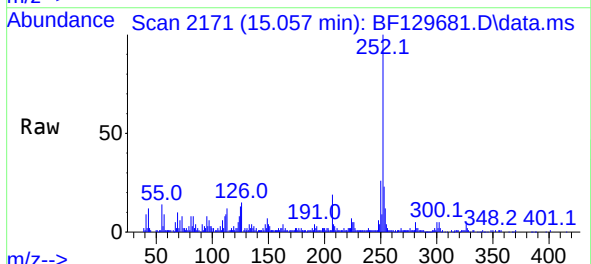
Tgt Ion:264 Resp: 264528
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 21.4 17.2 25.8

Manual Integrations
APPROVED

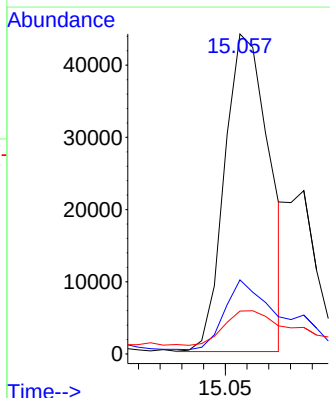
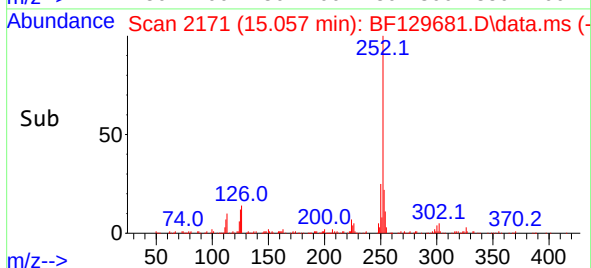
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

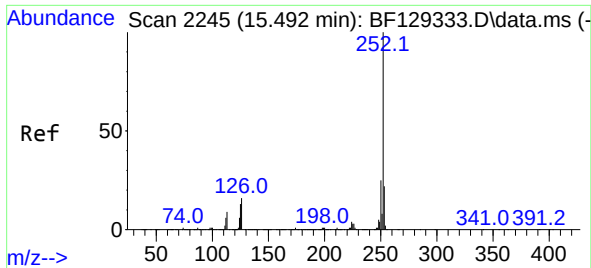


#88
Benzo(b)fluoranthene
Concen: 3.582 ng m
RT: 15.057 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25



Tgt Ion:252 Resp: 62847
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 13.4 8.0 12.0#





#90
Benzo(a)pyrene
Concen: 3.578 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129681.D
Acq: 09 Aug 2022 23:25

Instrument :
BNA_F
ClientSampleId :
RVE-191

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	13.9	8.8	13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

