

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129581.D
 Acq On : 04 Aug 2022 21:30
 Operator : CG\JU
 Sample : N3931-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-113

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/05/2022
 Supervised By :Jagrut Upadhyay 08/05/2022

Quant Time: Aug 05 02:10:07 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 02:05:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	167463	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	604539	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	268973	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	376302	20.000	ng	0.00
76) Chrysene-d12	14.027	240	310574	20.000	ng	#-0.01
86) Perylene-d12	15.516	264	262695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1253995	121.983	ng	0.01
7) Phenol-d6	6.510	99	1553765	120.247	ng	0.00
23) Nitrobenzene-d5	7.422	82	989839	89.380	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	305059	117.967	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1629438	93.714	ng	0.00
79) Terphenyl-d14	12.975	244	1325280	80.504	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	53942	2.626	ng	99
75) Fluoranthene	12.598	202	102445	4.922	ng	98
78) Pyrene	12.827	202	133288	5.132	ng	96
81) Benzo(a)anthracene	14.022	228	65285m	3.077	ng	
83) Chrysene	14.057	228	74131	3.708	ng	98
88) Benzo(b)fluoranthene	15.074	252	93265m	5.352	ng	
90) Benzo(a)pyrene	15.445	252	57766	4.084	ng	# 92
92) Benzo(g,h,i)perylene	17.457	276	43549	2.960	ng	97

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

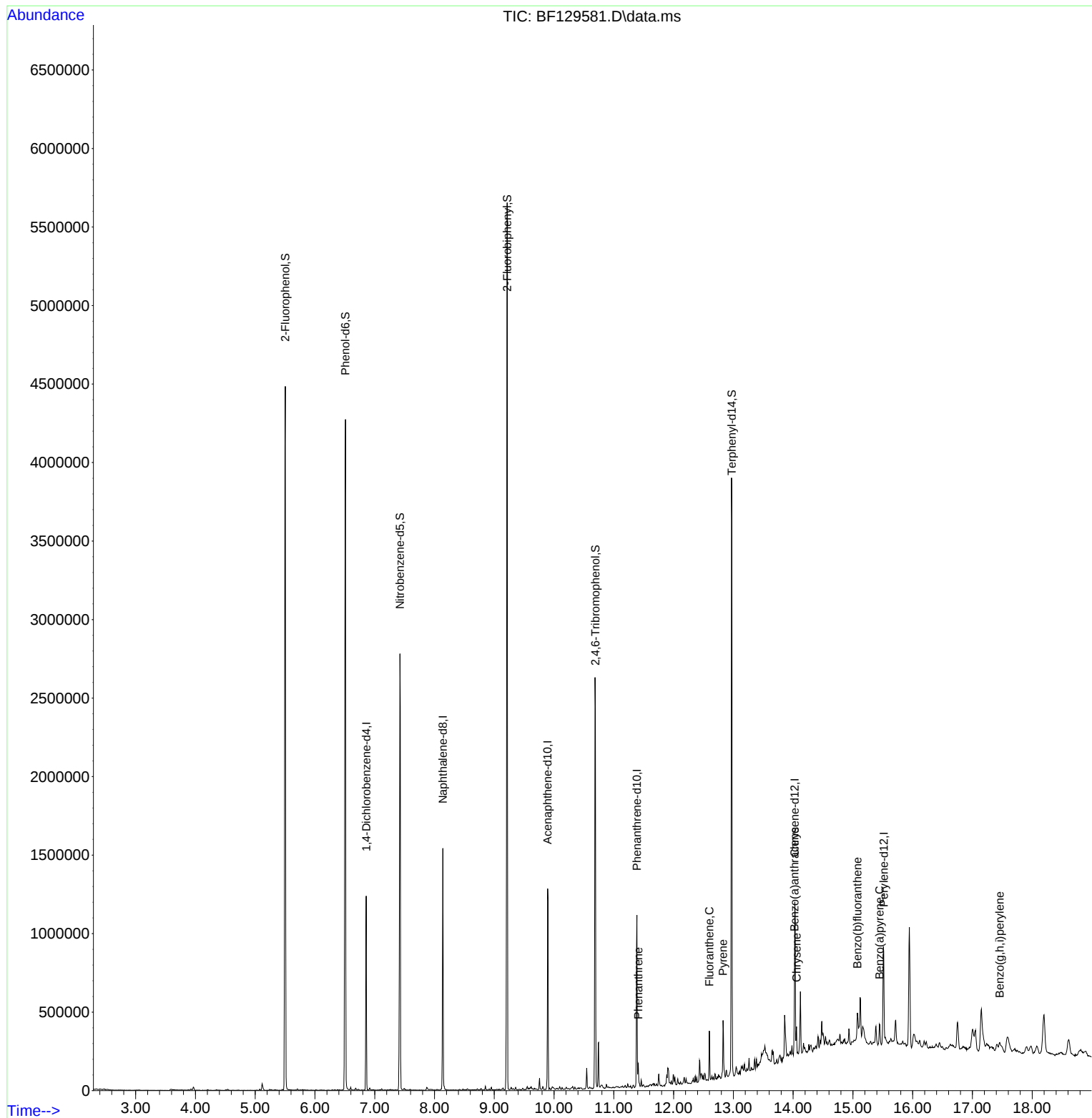
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
Data File : BF129581.D
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Sample : N3931-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

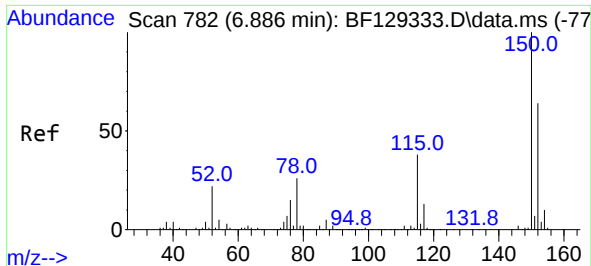
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 02:05:37 2022
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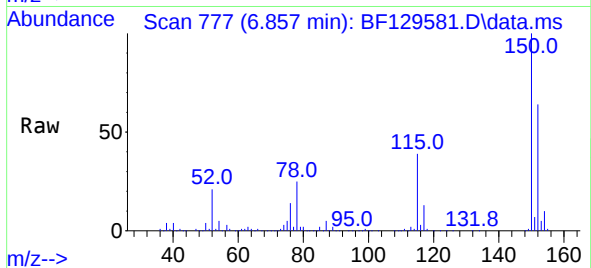
Reviewed By : Christian Giraldo 08/05/2022
Supervised By : Jagrut Upadhyay 08/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30

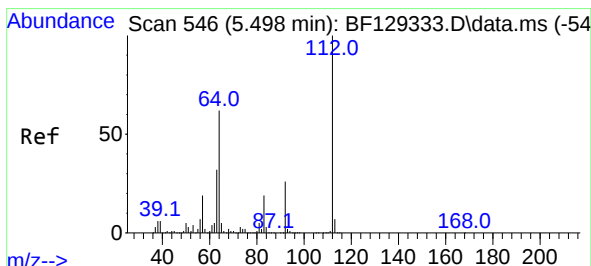
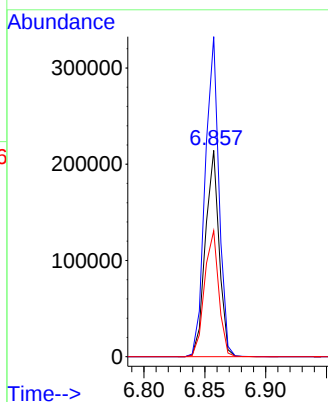
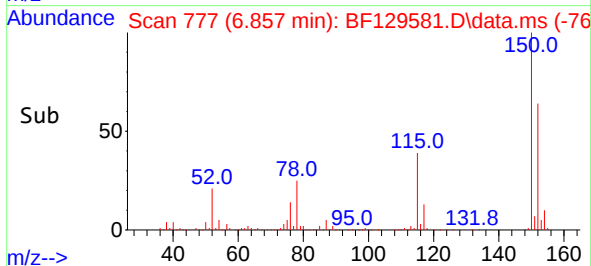
Instrument :
BNA_F
ClientSampleId :
RVE-113



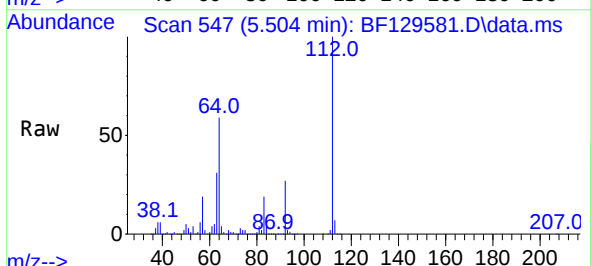
Tgt Ion:152 Resp: 16746
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 61.0 49.9 74.9

Manual Integrations
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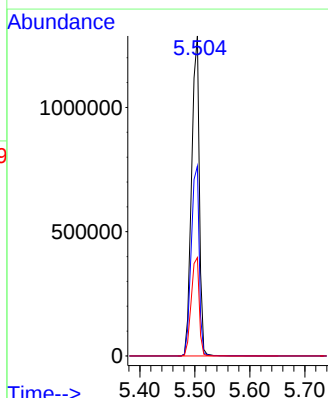
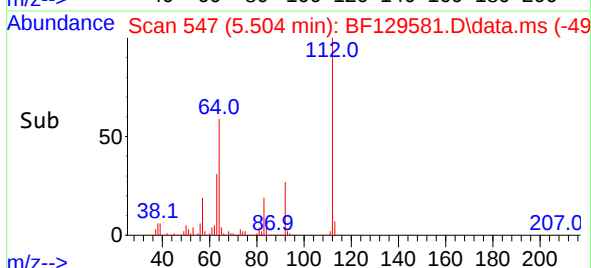
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

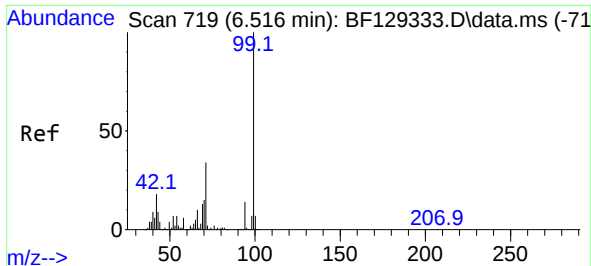


#5
2-Fluorophenol
Concen: 121.983 ng
RT: 5.504 min Scan# 547
Delta R.T. 0.012 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30



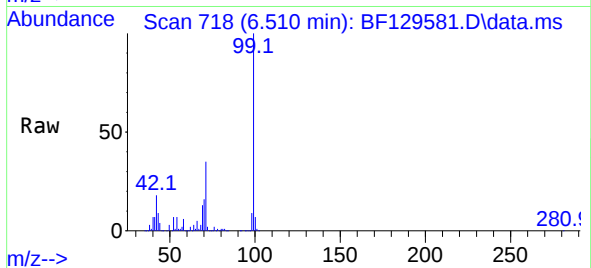
Tgt Ion:112 Resp: 1253995
Ion Ratio Lower Upper
112 100
64 59.3 53.3 79.9
63 30.7 28.0 42.0





#7
Phenol-d6
Concen: 120.247 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30

Instrument :
BNA_F
ClientSampleId :
RVE-113

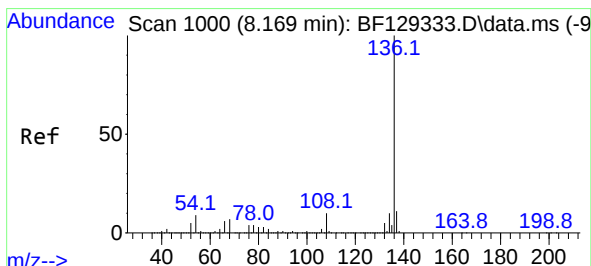
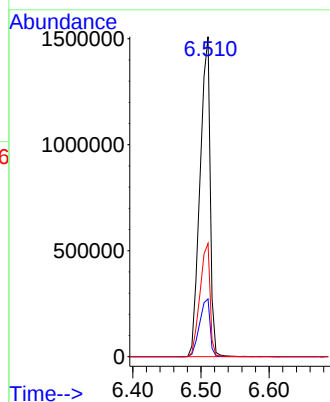
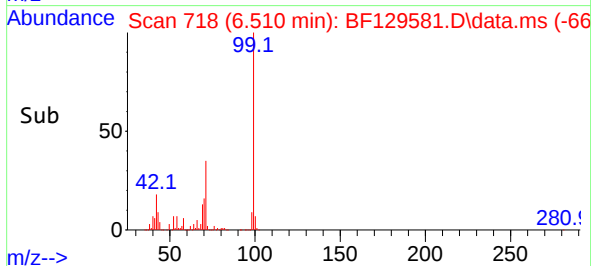


Tgt Ion: 99 Resp: 155376

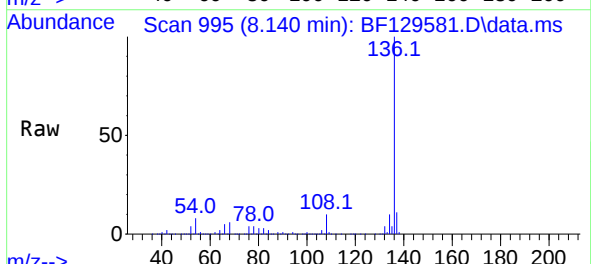
Ion	Ratio	Lower	Upper
99	100		
42	18.0	17.3	25.9
71	35.4	28.9	43.3

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Supervised By :Jagrut Upadhyay 08/05/2022

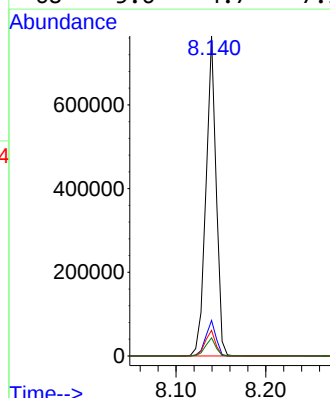
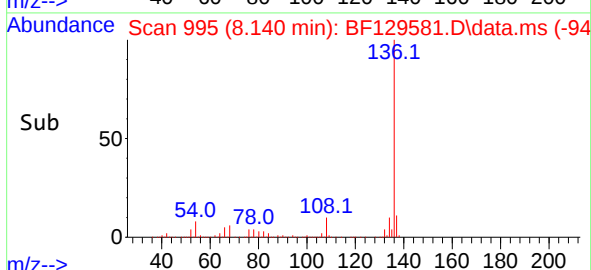


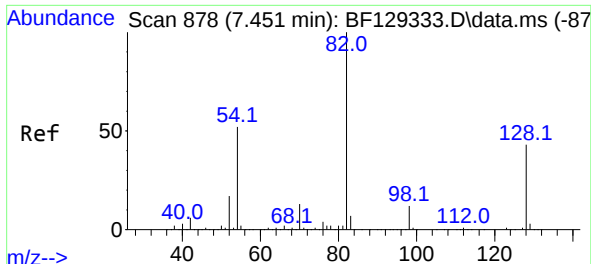
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30



Tgt Ion:136 Resp: 604539

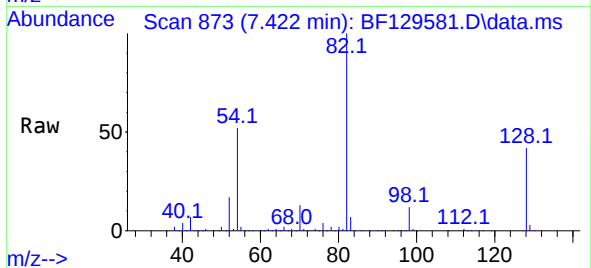
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	7.5	11.3
68	5.6	4.7	7.1





#23
Nitrobenzene-d5
Concen: 89.380 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30

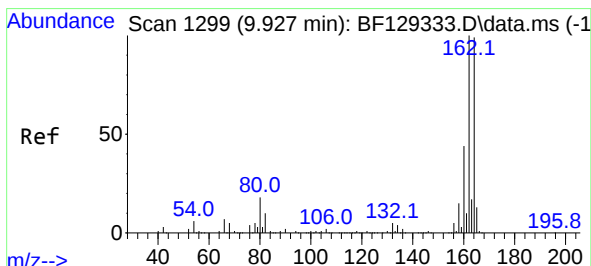
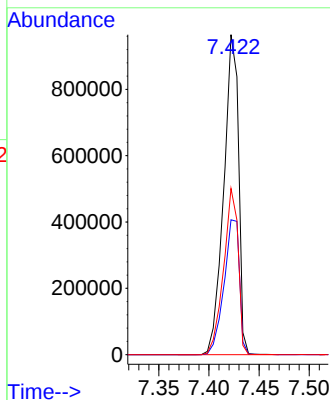
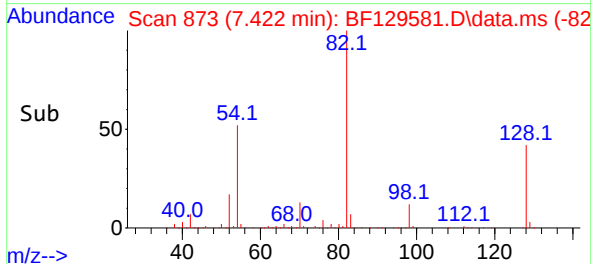
Instrument :
BNA_F
ClientSampleId :
RVE-113



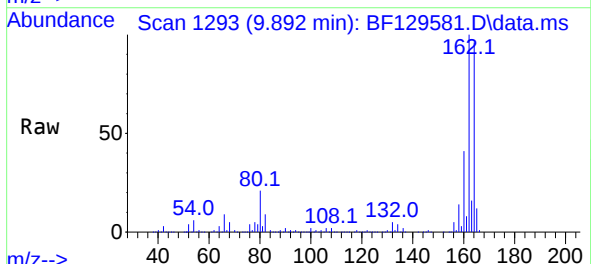
Tgt Ion: 82 Resp: 989839
Ion Ratio Lower Upper
82 100
128 42.1 34.0 51.0
54 51.9 46.9 70.3

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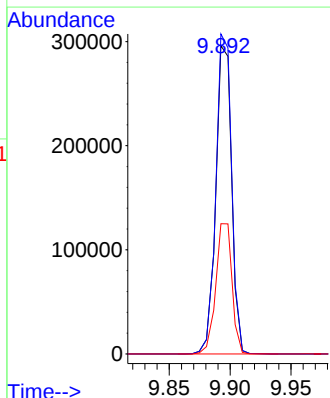
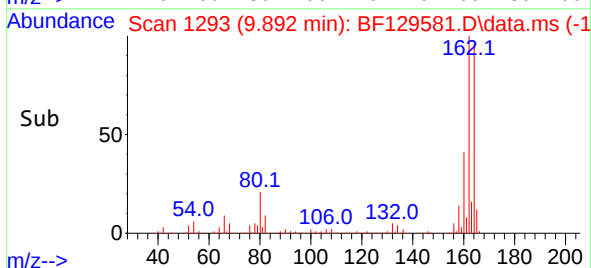
Reviewed By :Christian Giraldo 08/05/2022
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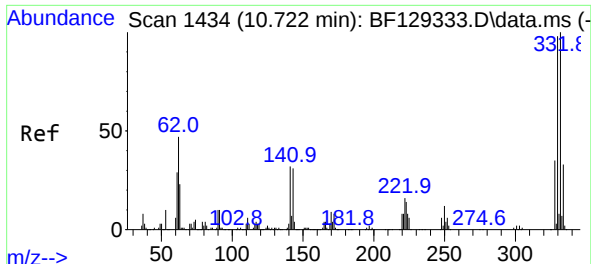


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30



Tgt Ion:164 Resp: 268973
Ion Ratio Lower Upper
164 100
162 103.8 79.5 119.3
160 42.2 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 117.967 ng
RT: 10.692 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30

Instrument :

BNA_F

ClientSampleId :

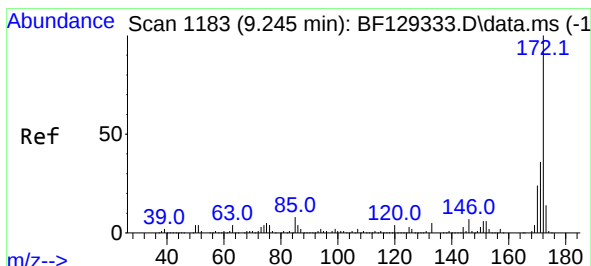
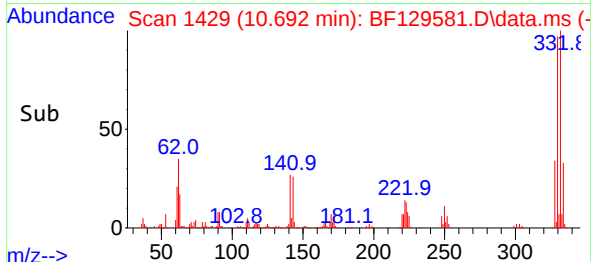
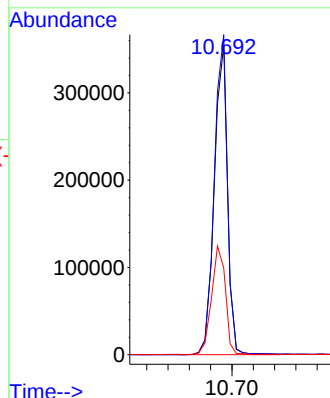
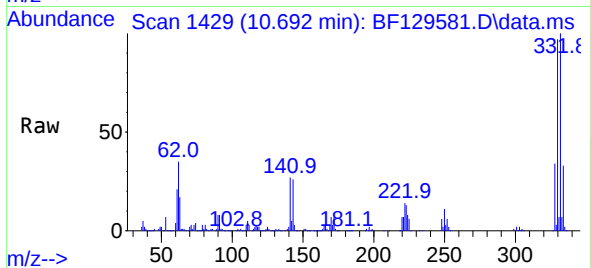
RVE-113

Tgt Ion:330 Resp: 305059
Ion Ratio Lower Upper
330 100
332 103.5 76.8 115.2
141 36.7 28.0 42.0

Manual Integrations

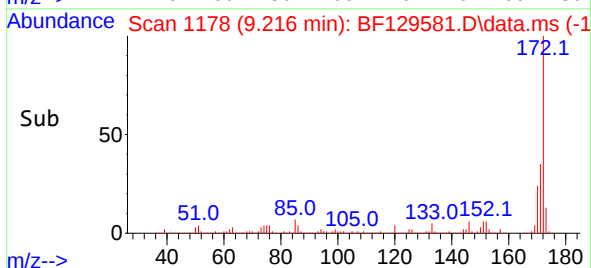
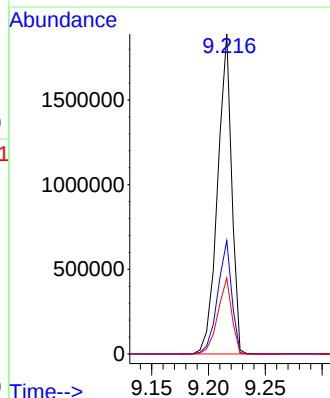
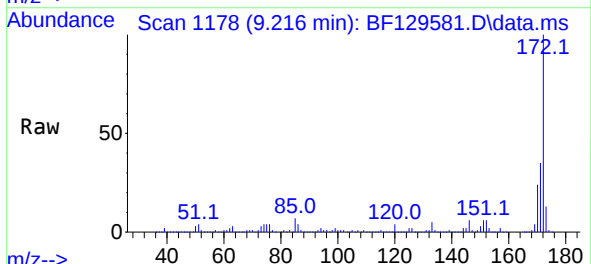
APPROVED

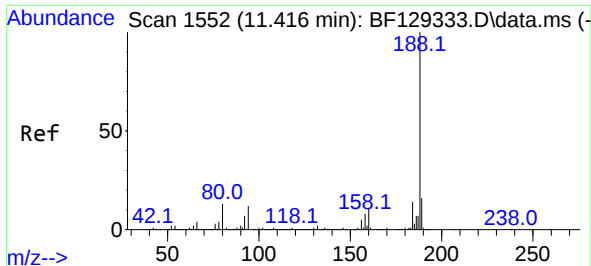
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#45
2-Fluorobiphenyl
Concen: 93.714 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30

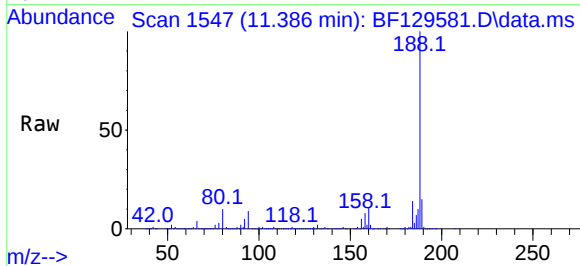
Tgt Ion:172 Resp: 1629438
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.7 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30

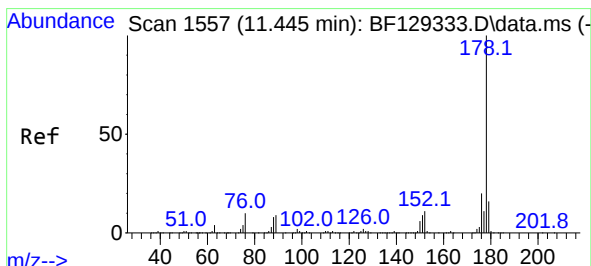
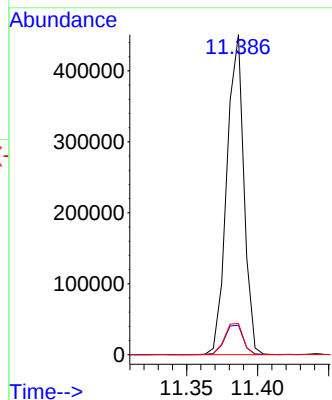
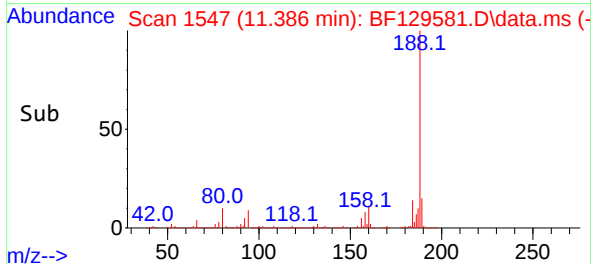
Instrument :
BNA_F
ClientSampleId :
RVE-113



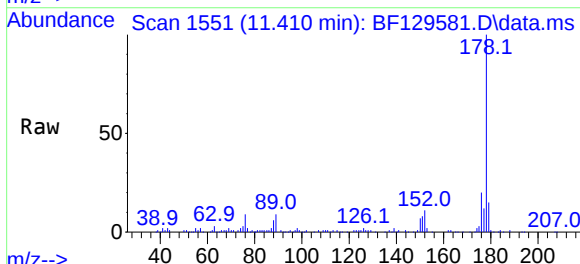
Tgt Ion:188 Resp: 376302
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.7 7.6 11.4

Manual Integrations
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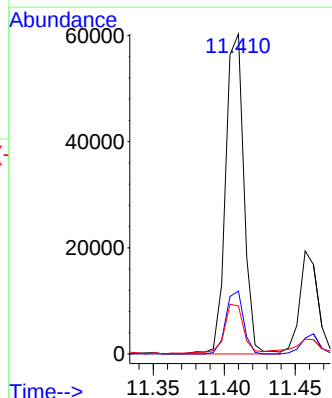
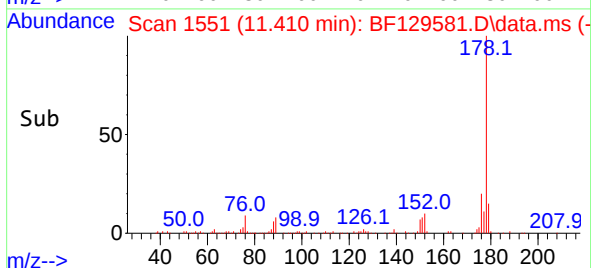
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

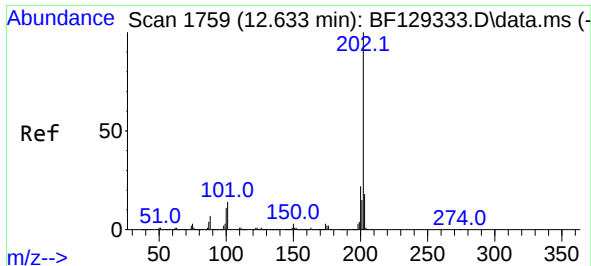


#71
Phenanthrene
Concen: 2.626 ng
RT: 11.410 min Scan# 1551
Delta R.T. -0.012 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30



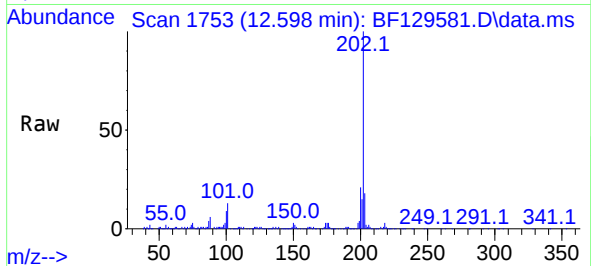
Tgt Ion:178 Resp: 53942
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.0 12.6 19.0





#75
Fluoranthene
Concen: 4.922 ng
RT: 12.598 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30

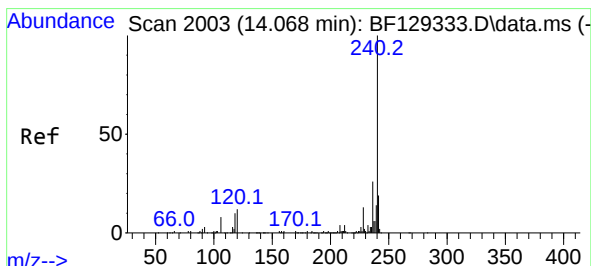
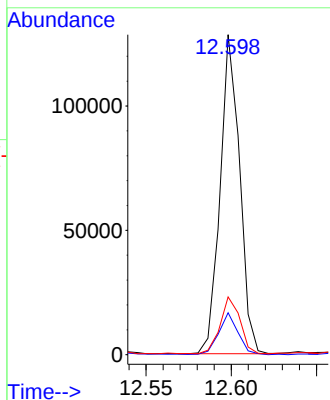
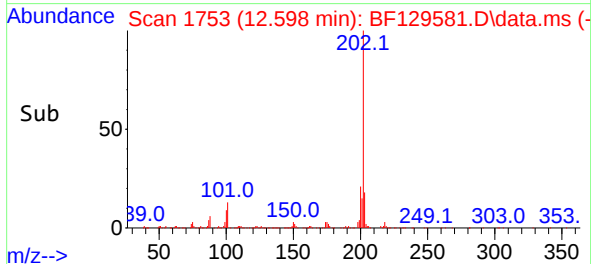
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:202 Resp: 102449
Ion Ratio Lower Upper
202 100
101 13.1 0.0 31.4
203 18.0 0.0 38.0

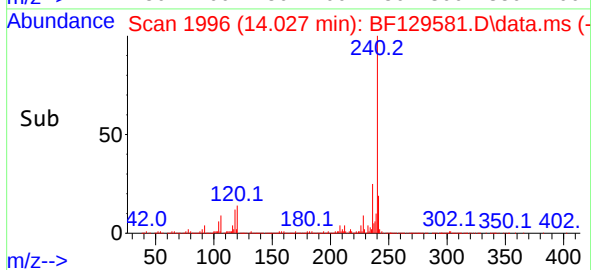
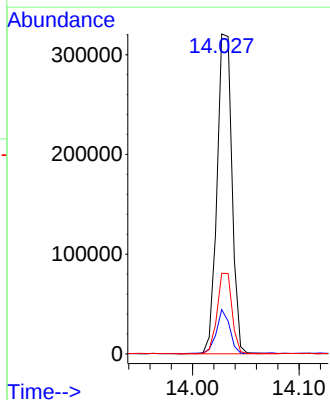
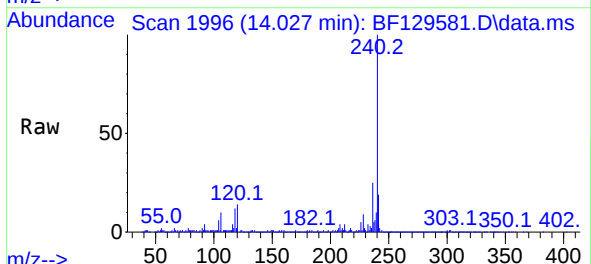
Manual Integrations
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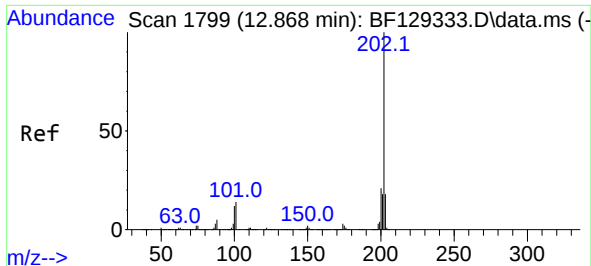
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30

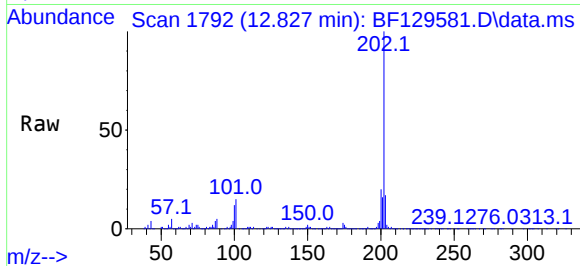
Tgt Ion:240 Resp: 310574
Ion Ratio Lower Upper
240 100
120 13.8 8.9 13.3#
236 25.2 20.8 31.2





#78
Pyrene
Concen: 5.132 ng
RT: 12.827 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30

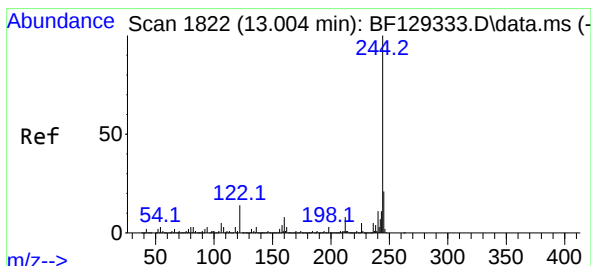
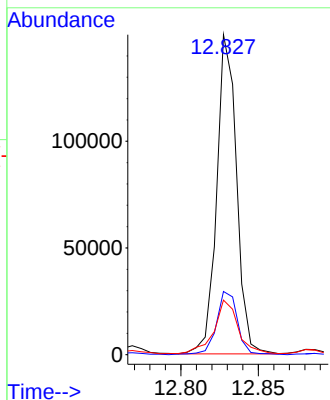
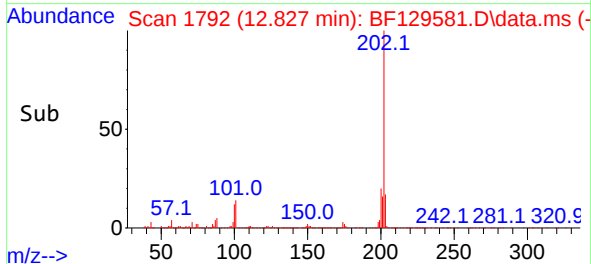
Instrument :
BNA_F
ClientSampleId :
RVE-113



Tgt Ion: 202 Resp: 133288
Ion Ratio Lower Upper
202 100
200 19.7 17.7 26.5
203 17.1 14.6 21.8

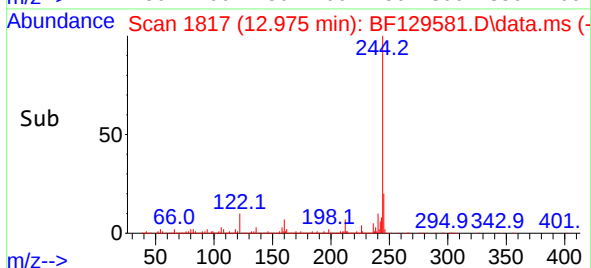
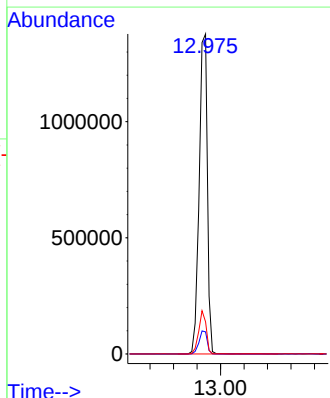
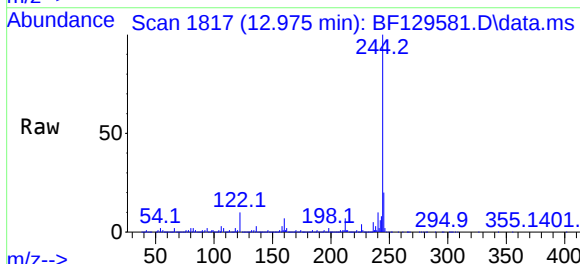
Manual Integrations
APPROVED

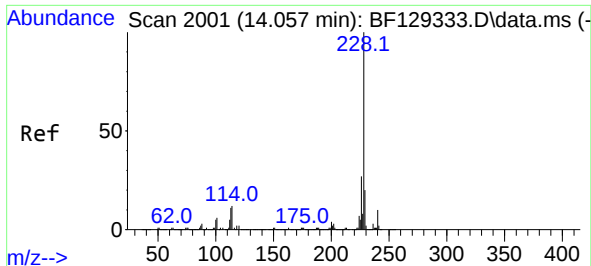
Reviewed By : Christian Giraldo 08/05/2022
Supervised By : Jagrut Upadhyay 08/05/2022



#79
Terphenyl-d14
Concen: 80.504 ng
RT: 12.975 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30

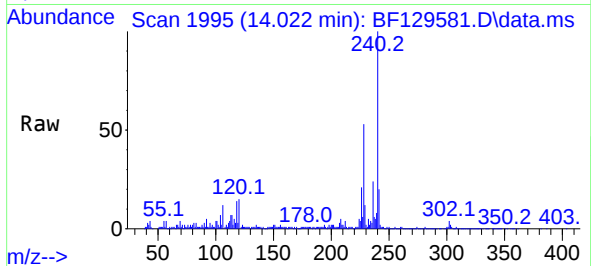
Tgt Ion: 244 Resp: 1325280
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 10.0 8.8 13.2





#81
Benzo(a)anthracene
Concen: 3.077 ng m
RT: 14.022 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30

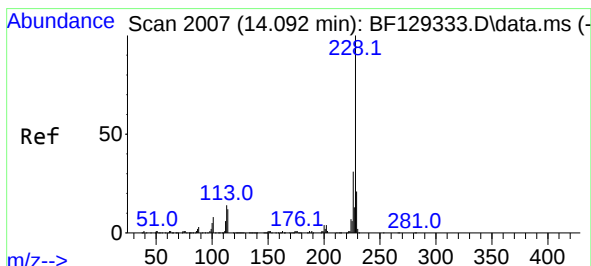
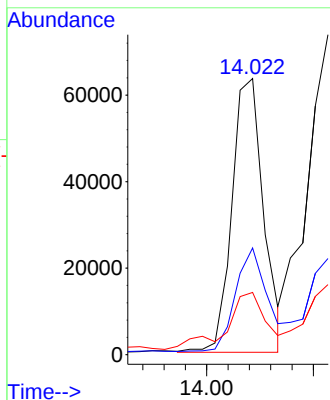
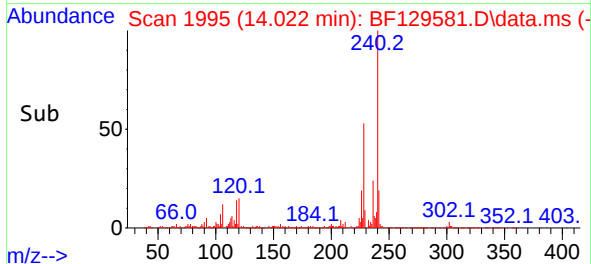
Instrument :
BNA_F
ClientSampleId :
RVE-113



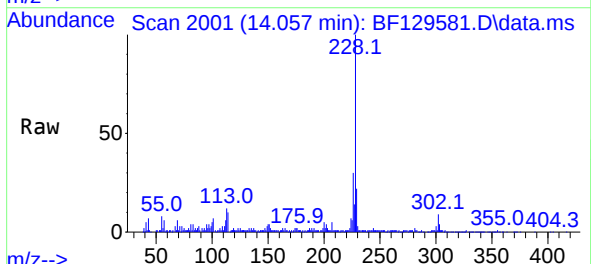
Tgt Ion:228 Resp: 6528
Ion Ratio Lower Upper
228 100
226 38.6 22.1 33.1
229 22.6 15.8 23.8

Manual Integrations
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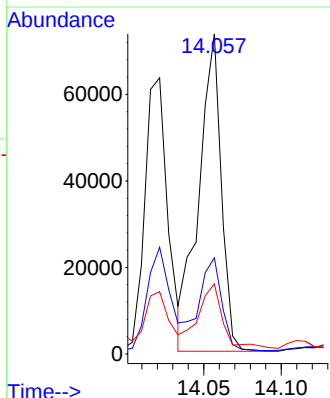
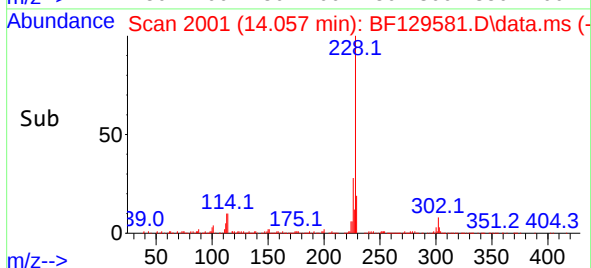
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022

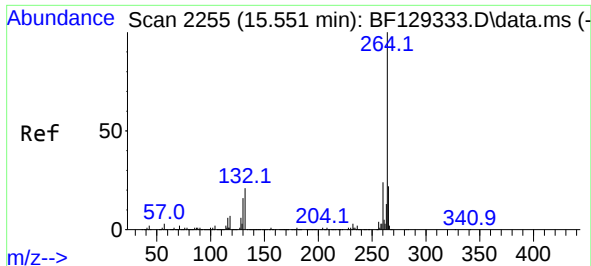


#83
Chrysene
Concen: 3.708 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30



Tgt Ion:228 Resp: 74131
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 21.9 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 2174
Delta R.T. 0.000 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30

Instrument :

BNA_F

ClientSampleId :

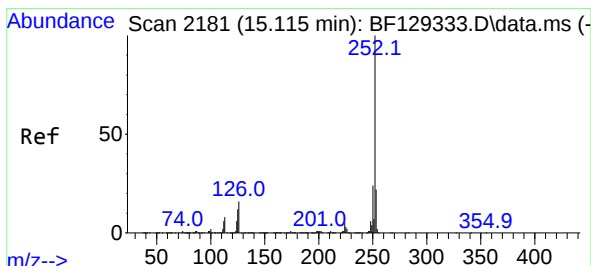
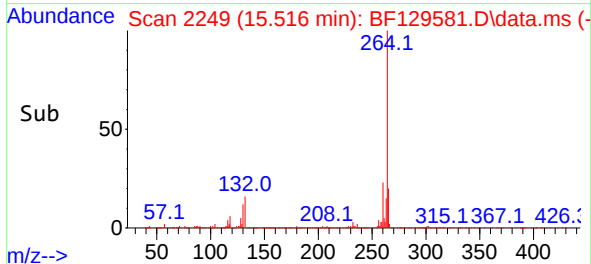
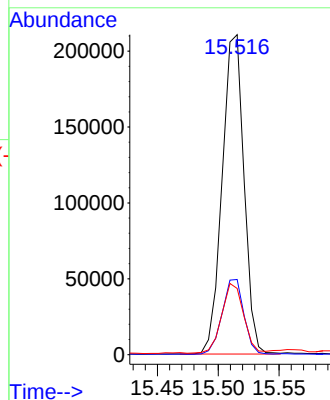
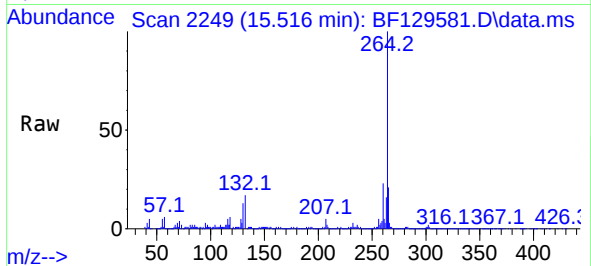
RVE-113

Tgt Ion:264 Resp: 26269
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 20.7 17.2 25.8

Manual Integrations

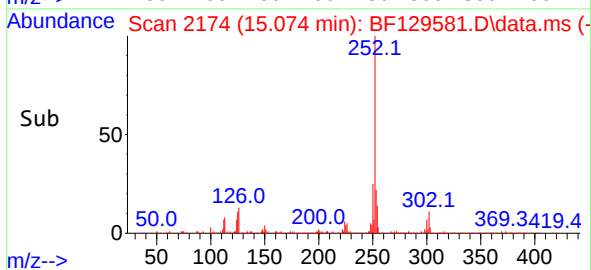
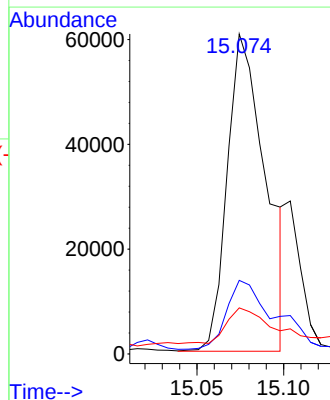
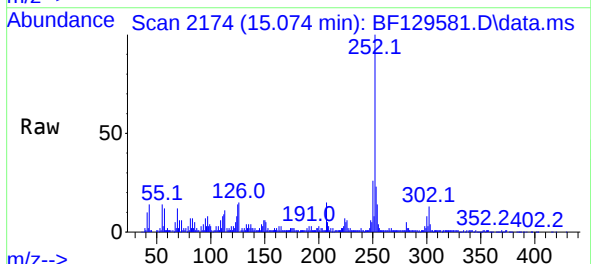
APPROVED

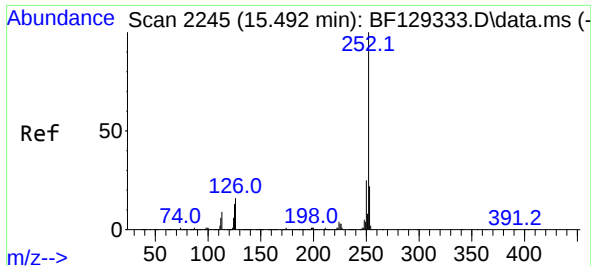
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#88
Benzo(b)fluoranthene
Concen: 5.352 ng m
RT: 15.074 min Scan# 2174
Delta R.T. -0.012 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30

Tgt Ion:252 Resp: 93265
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 14.4 8.0 12.0#





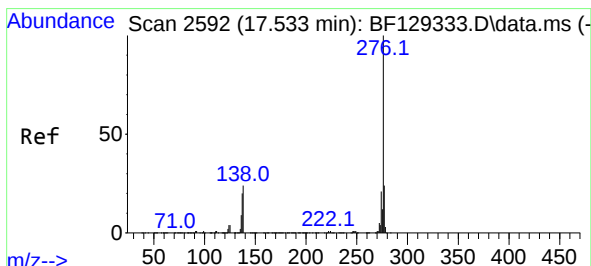
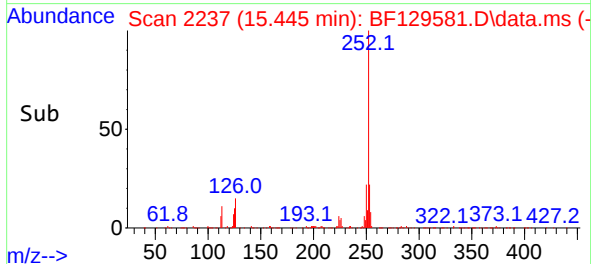
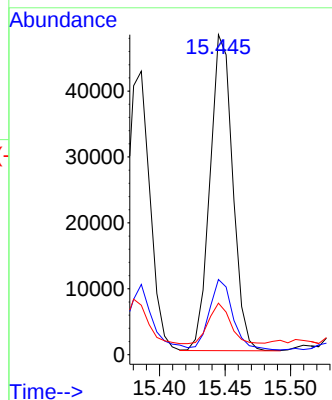
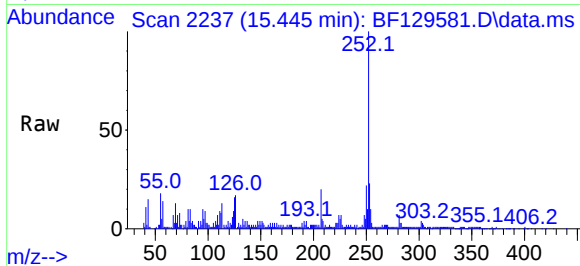
#90
Benzo(a)pyrene
Concen: 4.084 ng
RT: 15.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30

Instrument :
BNA_F
ClientSampleId :
RVE-113

Tgt Ion:252 Resp: 57760
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.6
125 16.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#92
Benzo(g,h,i)perylene
Concen: 2.960 ng
RT: 17.457 min Scan# 2579
Delta R.T. -0.023 min
Lab File: BF129581.D
Acq: 04 Aug 2022 21:30

Tgt Ion:276 Resp: 43549
Ion Ratio Lower Upper
276 100
277 24.5 19.1 28.7
138 24.5 18.0 27.0

