

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129664.D
 Acq On : 09 Aug 2022 13:39
 Operator : CG\JU
 Sample : N3963-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-210

Manual Integrations
 APPROVED

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

Quant Time: Aug 09 15:17:20 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	6.839	152	121916	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	484456	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	263797	20.000	ng	-0.01
64) Phenanthrene-d10	11.368	188	466390	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	378702	20.000	ng	-0.01
86) Perylene-d12	15.498	264	377228	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	599094	80.049	ng	0.00
7) Phenol-d6	6.486	99	739167	78.576	ng	-0.02
23) Nitrobenzene-d5	7.404	82	484451	54.588	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	214436	84.550	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	907315	53.206	ng	-0.01
79) Terphenyl-d14	12.957	244	1013844	50.507	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	65470	2.572	ng	96
75) Fluoranthene	12.586	202	168144	6.518	ng	98
78) Pyrene	12.815	202	163173	5.153	ng	98
81) Benzo(a)anthracene	14.009	228	99388	3.842	ng	99
83) Chrysene	14.045	228	113750	4.666	ng	97
88) Benzo(b)fluoranthene	15.062	252	171803m	6.866	ng	
90) Benzo(a)pyrene	15.427	252	108443	5.339	ng	97
92) Benzo(g,h,i)perylene	17.427	276	63312	2.997	ng	97

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

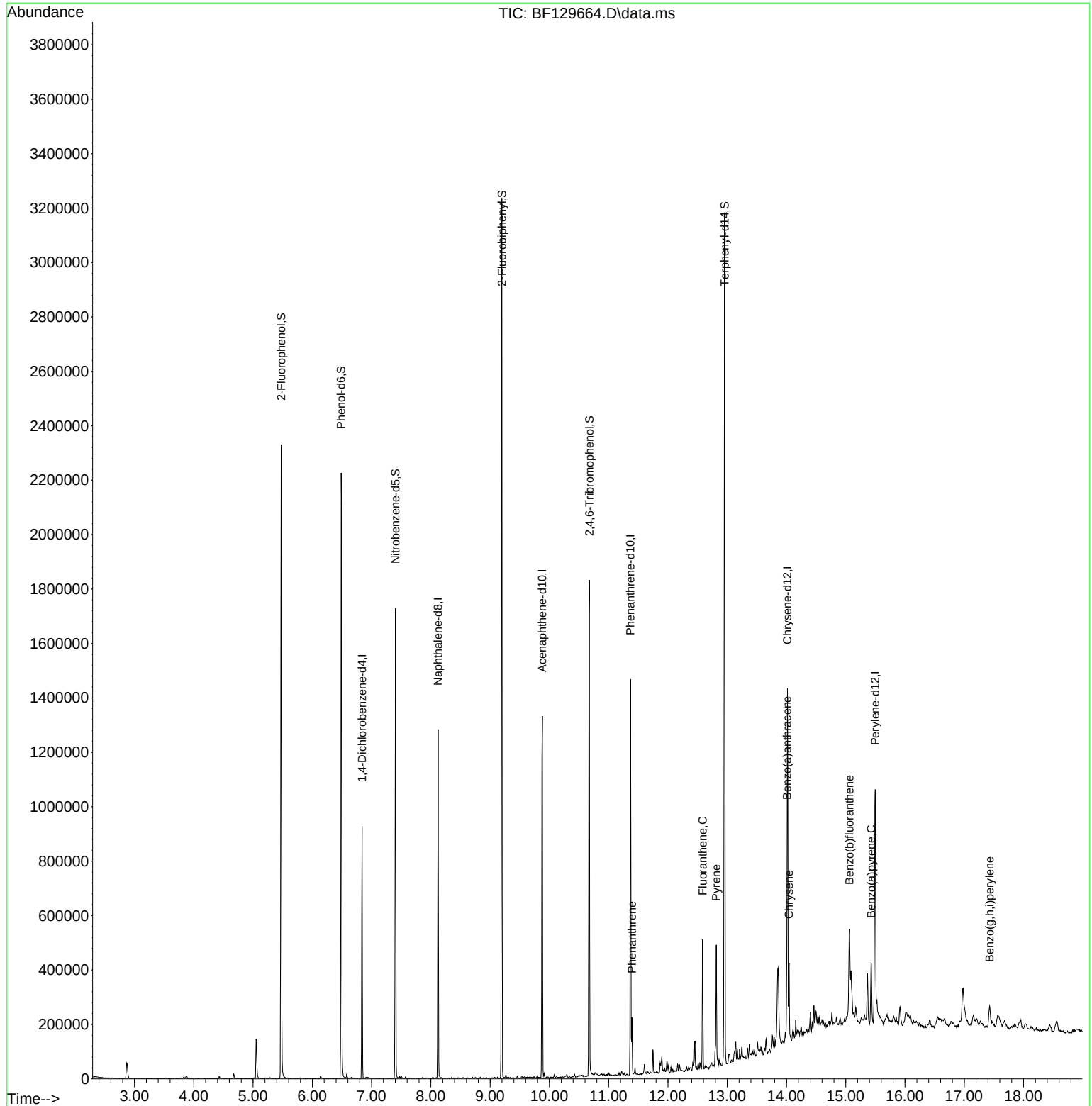
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129664.D
Acq On : 09 Aug 2022 13:39
Operator : CG\JU
Sample : N3963-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

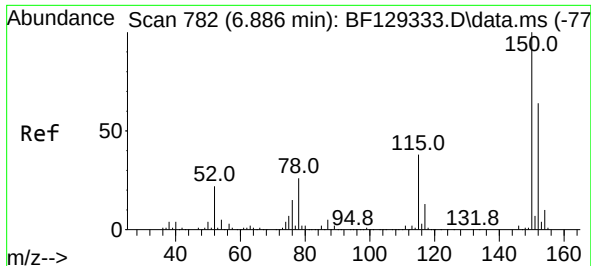
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ClientSampleId :
RVE-210

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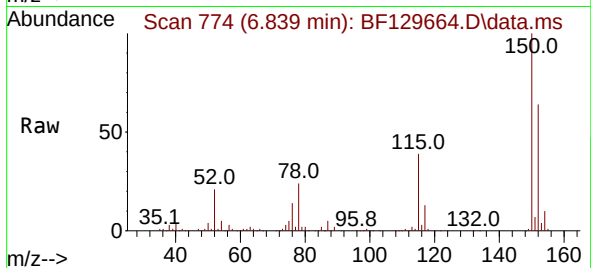
Quant Time: Aug 09 15:17:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129664.D
Acq: 09 Aug 2022 13:39

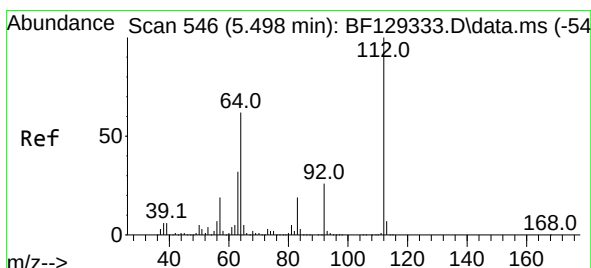
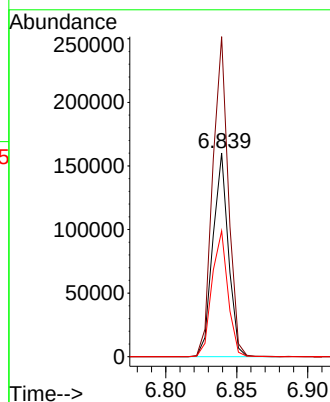
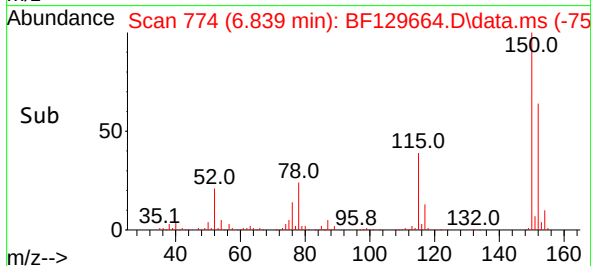
Instrument :
BNA_F
ClientSampleId :
RVE-210



Tgt Ion:152 Resp: 121910
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 61.8 49.9 74.9

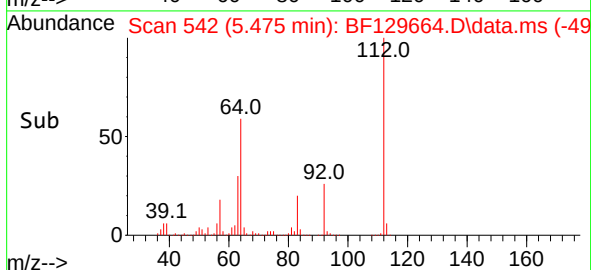
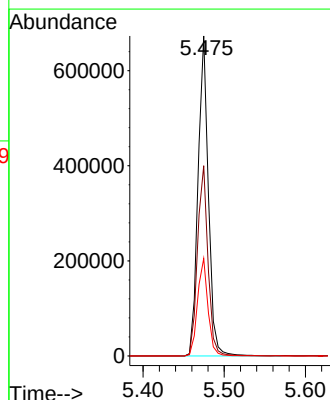
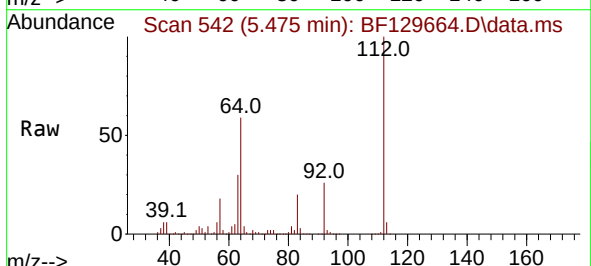
Manual Integrations
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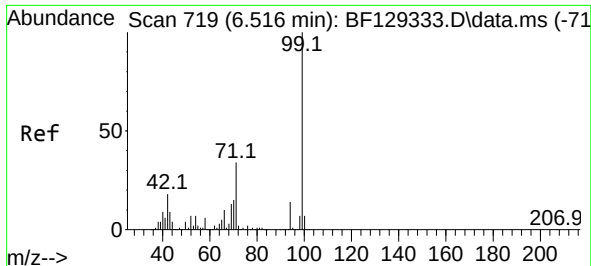
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#5
2-Fluorophenol
Concen: 80.049 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF129664.D
Acq: 09 Aug 2022 13:39

Tgt Ion:112 Resp: 599094
Ion Ratio Lower Upper
112 100
64 59.5 53.3 79.9
63 30.4 28.0 42.0





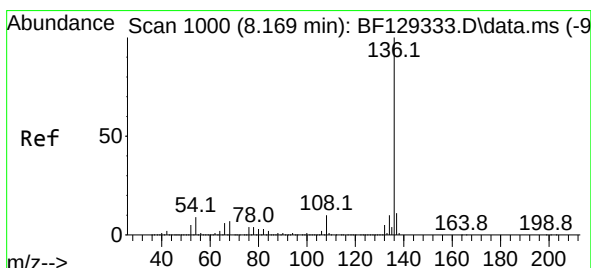
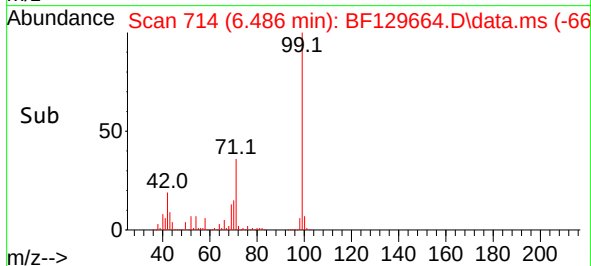
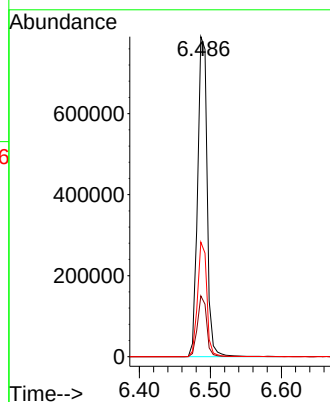
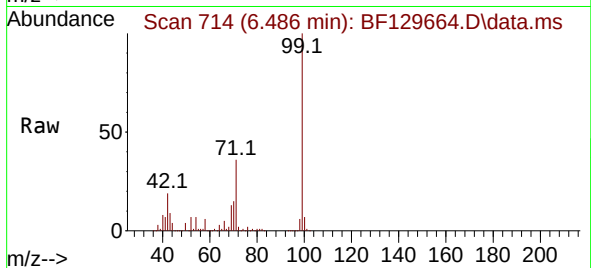
#7
Phenol-d6
Concen: 78.576 ng
RT: 6.486 min Scan# 719
Delta R.T. -0.018 min
Lab File: BF129664.D
Acq: 09 Aug 2022 13:39

Instrument :
BNA_F
ClientSampleId :
RVE-210

Tgt Ion: 99 Resp: 73916
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 35.8 28.9 43.3

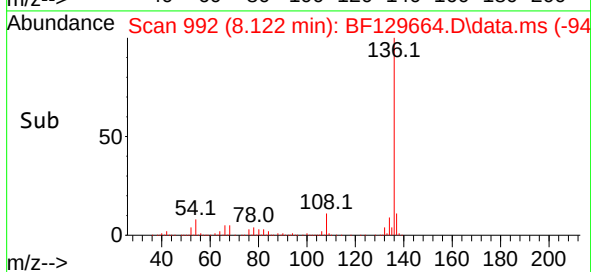
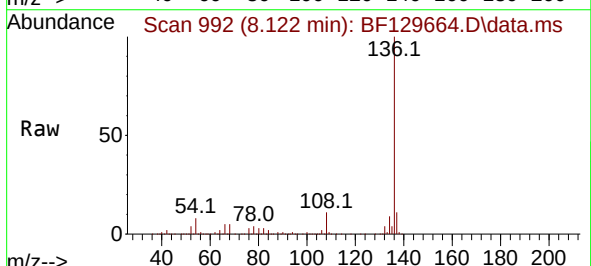
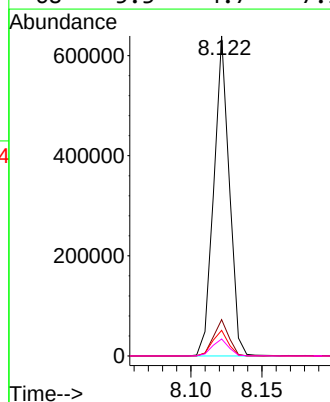
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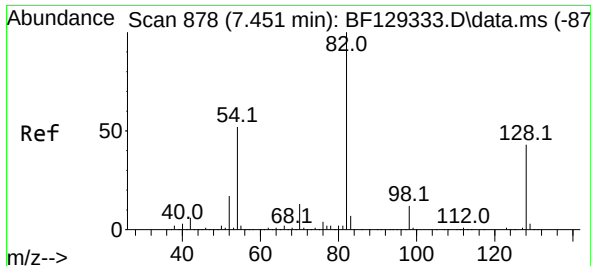
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129664.D
Acq: 09 Aug 2022 13:39

Tgt Ion:136 Resp: 484456
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.0 7.5 11.3
68 5.3 4.7 7.1





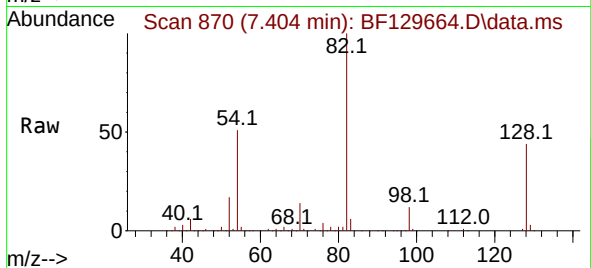
#23
Nitrobenzene-d5
Concen: 54.588 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129664.D
Acq: 09 Aug 2022 13:39

Instrument :

BNA_F

ClientSampleId :

RVE-210

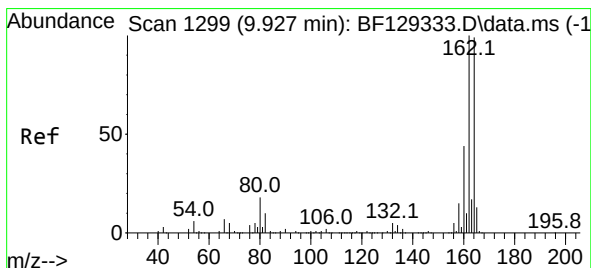
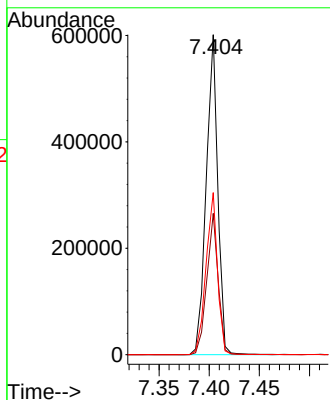
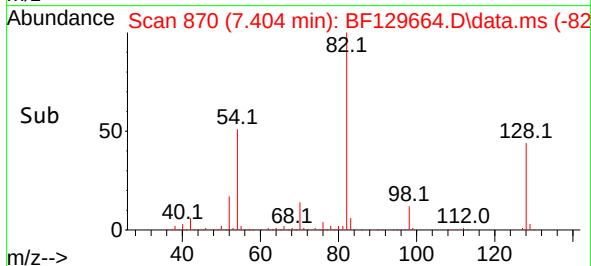


Tgt Ion: 82 Resp: 48445
Ion Ratio Lower Upper
82 100
128 44.2 34.0 51.0
54 50.7 46.9 70.3

Manual Integrations

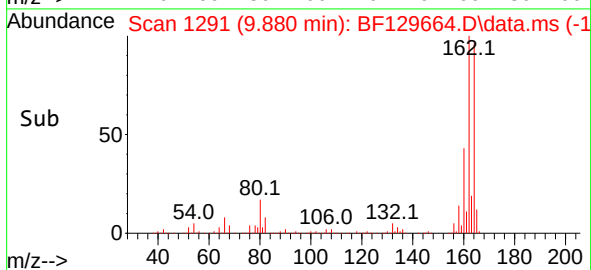
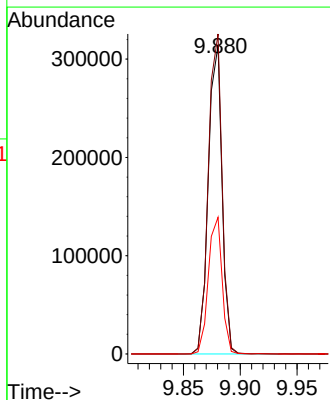
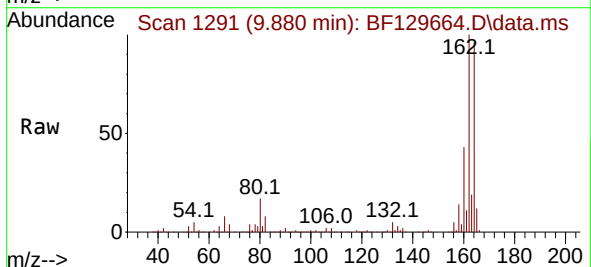
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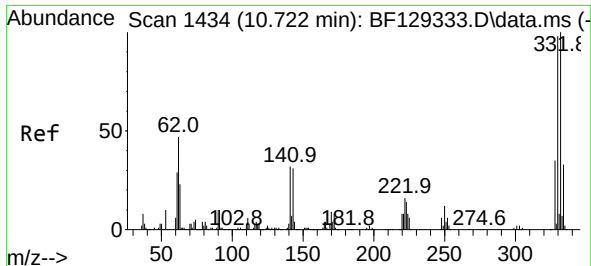
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129664.D
Acq: 09 Aug 2022 13:39

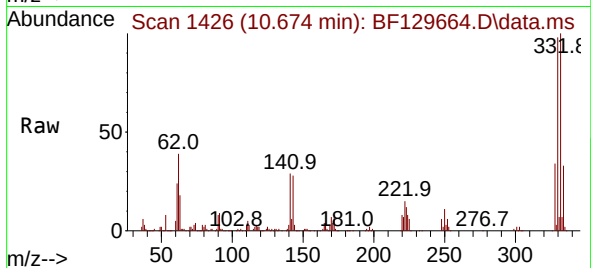
Tgt Ion:164 Resp: 263797
Ion Ratio Lower Upper
164 100
162 103.7 79.5 119.3
160 44.3 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 84.550 ng
RT: 10.674 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129664.D
Acq: 09 Aug 2022 13:39

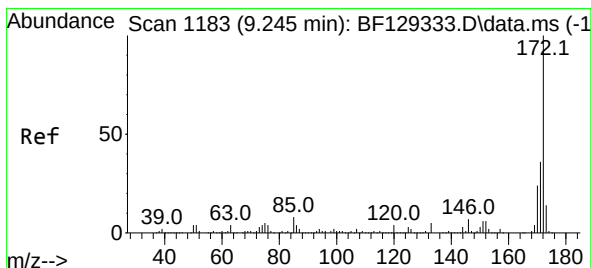
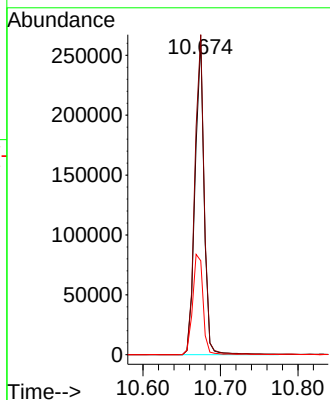
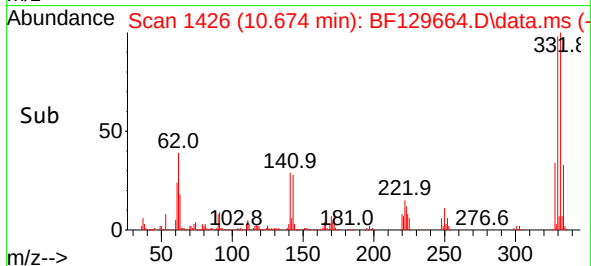
Instrument :
BNA_F
ClientSampleId :
RVE-210



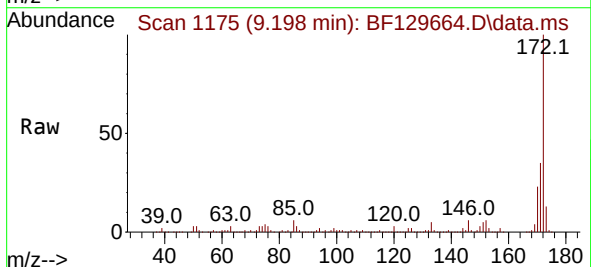
Tgt Ion: 330 Resp: 214430
Ion Ratio Lower Upper
330 100
332 104.2 76.8 115.2
141 36.2 28.0 42.0

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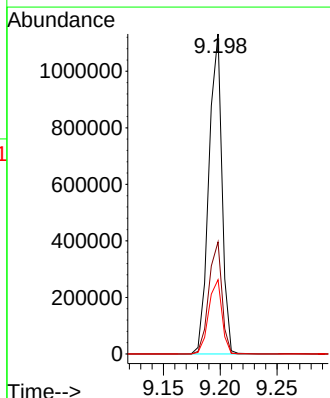
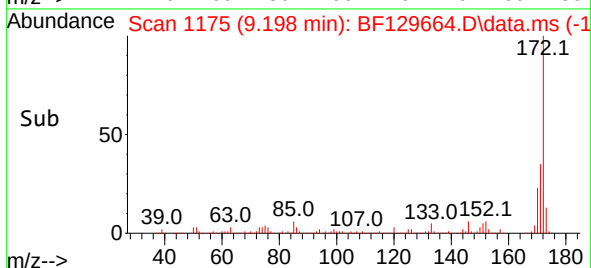
Reviewed By : Christian Giraldo 08/10/2022
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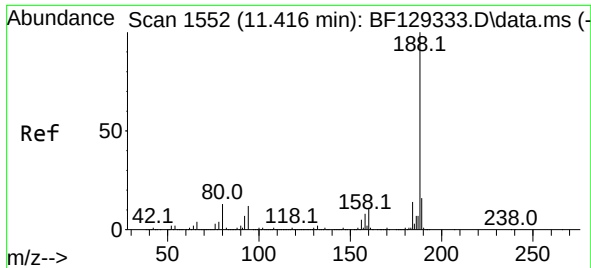


#45
2-Fluorobiphenyl
Concen: 53.206 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129664.D
Acq: 09 Aug 2022 13:39



Tgt Ion: 172 Resp: 907315
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.2 19.8 29.8





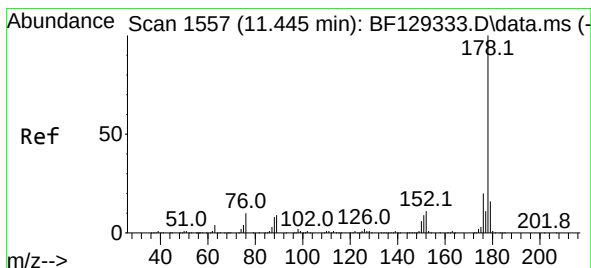
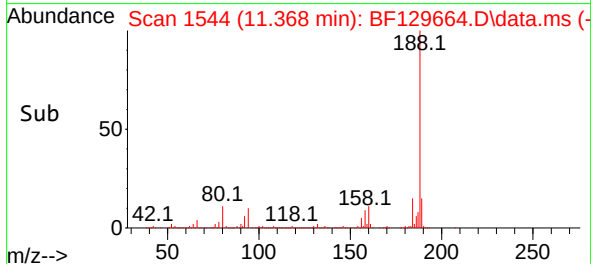
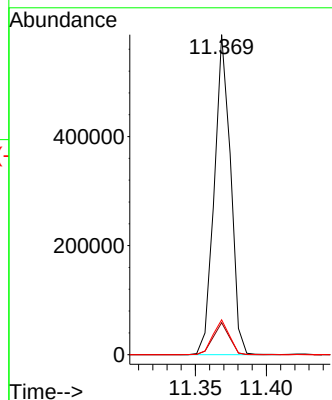
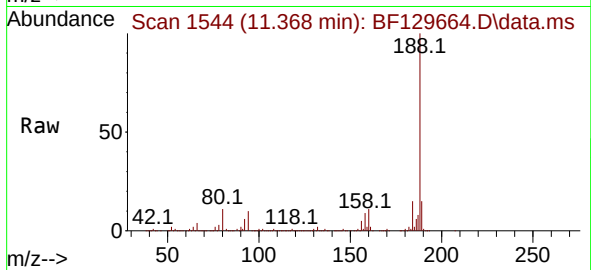
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF129664.D
Acq: 09 Aug 2022 13:39

Instrument :
BNA_F
ClientSampleId :
RVE-210

Tgt Ion:188 Resp: 466390
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.6
80 10.9 7.6 11.4

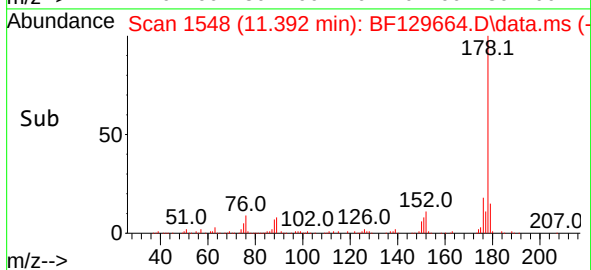
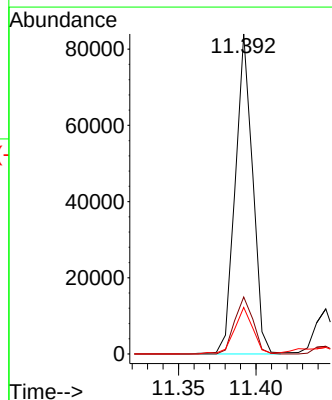
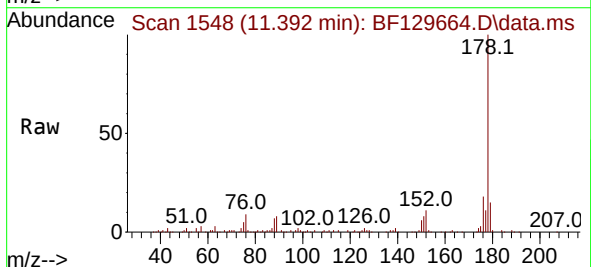
Manual Integrations
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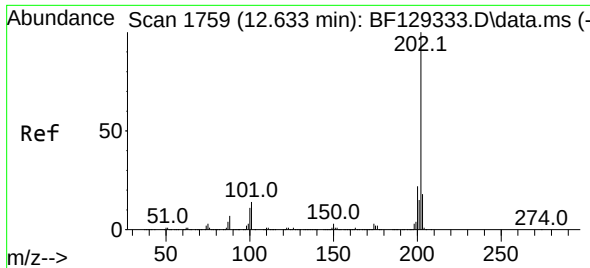
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#71
Phenanthrene
Concen: 2.572 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.018 min
Lab File: BF129664.D
Acq: 09 Aug 2022 13:39

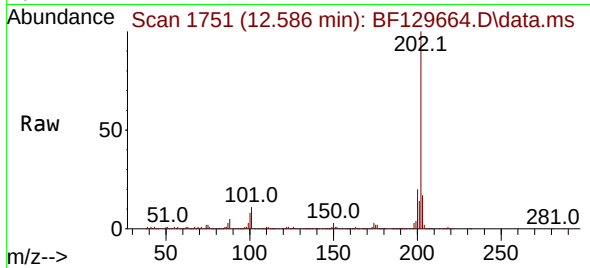
Tgt Ion:178 Resp: 65470
Ion Ratio Lower Upper
178 100
176 17.8 16.0 24.0
179 14.6 12.6 19.0





#75
Fluoranthene
Concen: 6.518 ng
RT: 12.586 min Scan# 1759
Delta R.T. -0.012 min
Lab File: BF129664.D
Acq: 09 Aug 2022 13:39

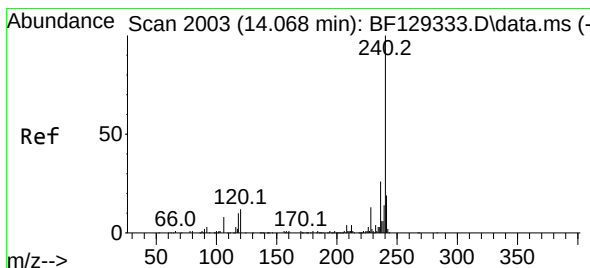
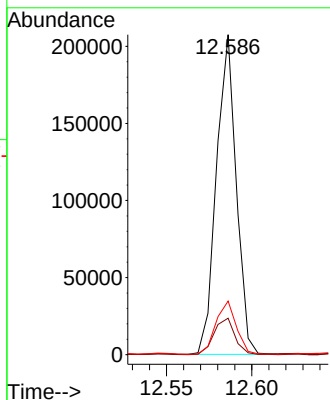
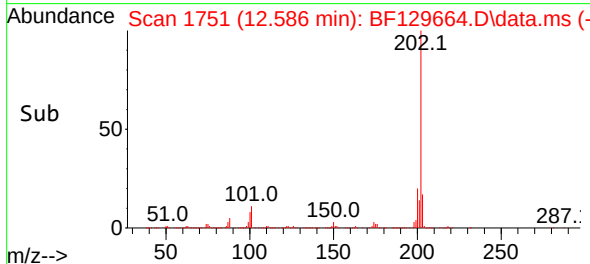
Instrument :
BNA_F
ClientSampleId :
RVE-210



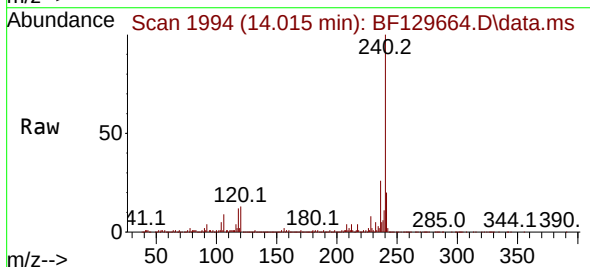
Tgt Ion:202 Resp: 16814
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 16.8 0.0 38.0

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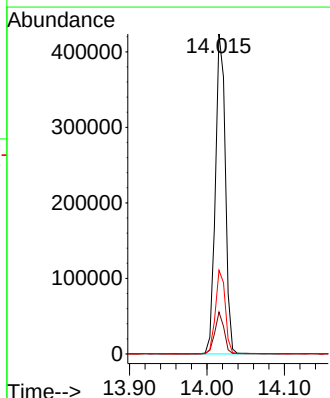
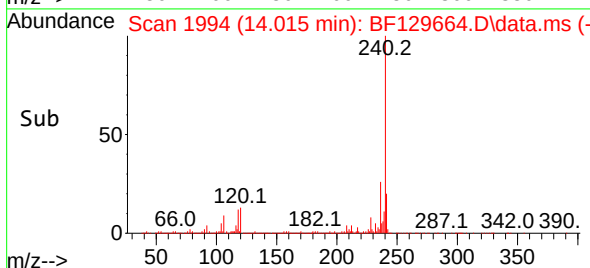
Reviewed By :Christian Giraldo 08/10/2022
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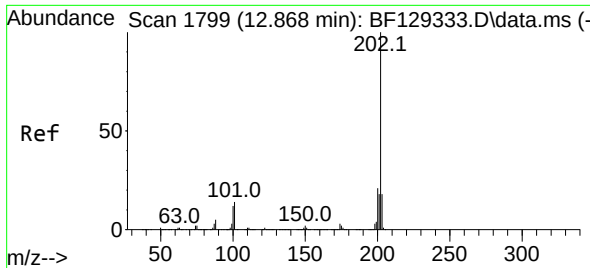


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129664.D
Acq: 09 Aug 2022 13:39



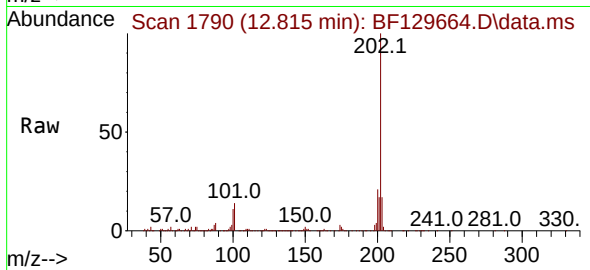
Tgt Ion:240 Resp: 378702
Ion Ratio Lower Upper
240 100
120 13.1 8.9 13.3
236 26.1 20.8 31.2





#78
Pyrene
Concen: 5.153 ng
RT: 12.815 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129664.D
Acq: 09 Aug 2022 13:39

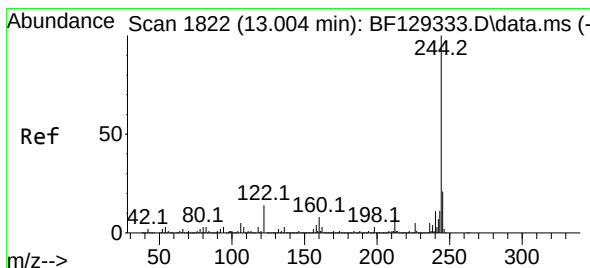
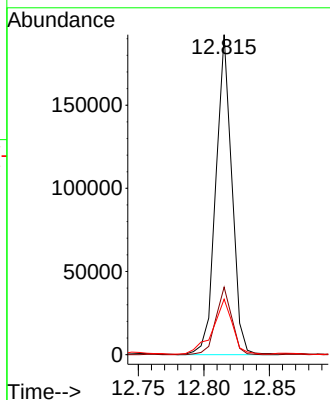
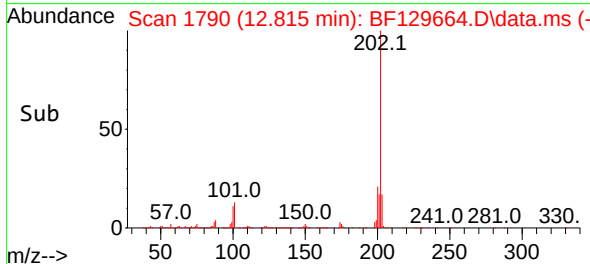
Instrument :
BNA_F
ClientSampleId :
RVE-210



Tgt Ion:202 Resp: 16317
Ion Ratio Lower Upper
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200 21.1 17.7 26.5
203 17.3 14.6 21.8

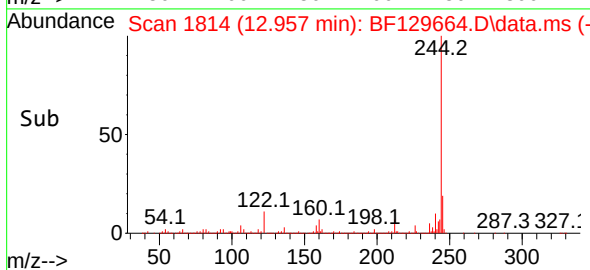
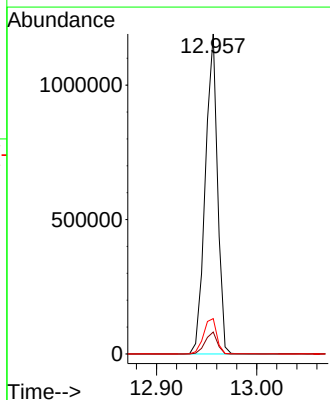
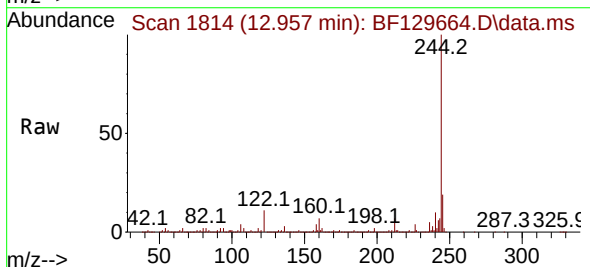
Manual Integrations
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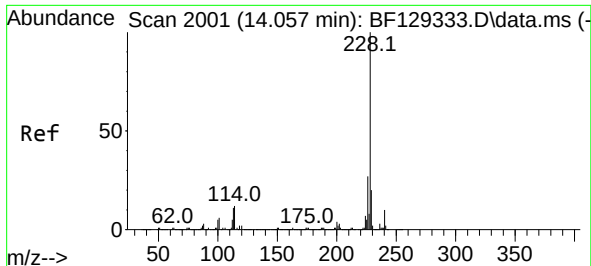
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#79
Terphenyl-d14
Concen: 50.507 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129664.D
Acq: 09 Aug 2022 13:39

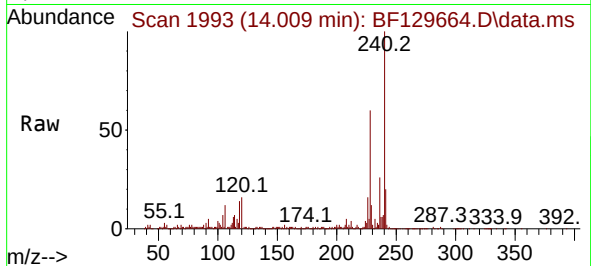
Tgt Ion:244 Resp: 1013844
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 11.0 8.8 13.2





#81
Benzo(a)anthracene
Concen: 3.842 ng
RT: 14.009 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF129664.D
Acq: 09 Aug 2022 13:39

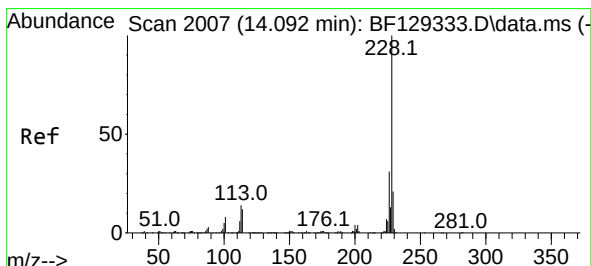
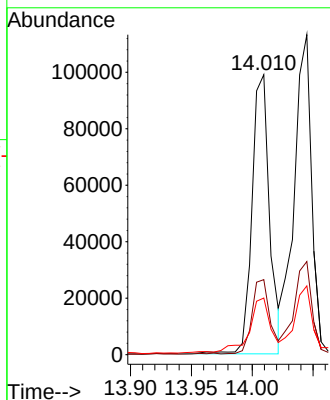
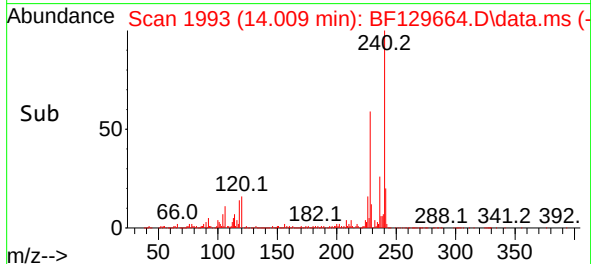
Instrument :
BNA_F
ClientSampleId :
RVE-210



Tgt Ion:228 Resp: 9938
Ion Ratio Lower Upper
228 100
226 26.8 22.1 33.1
229 20.3 15.8 23.8

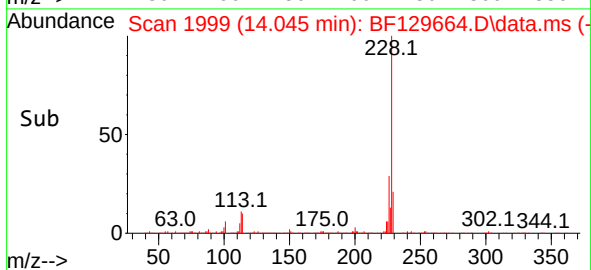
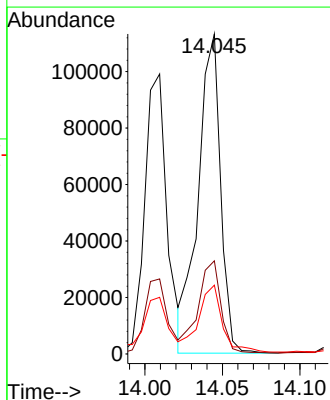
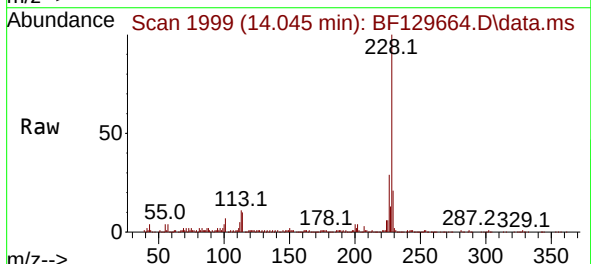
Manual Integrations
APPROVED

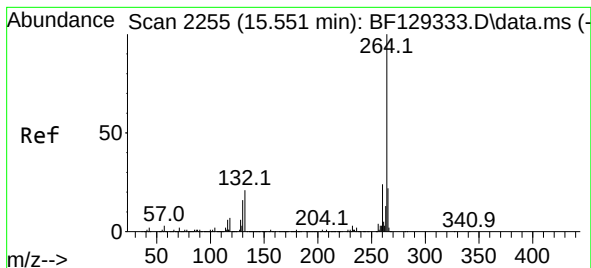
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#83
Chrysene
Concen: 4.666 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF129664.D
Acq: 09 Aug 2022 13:39

Tgt Ion:228 Resp: 113750
Ion Ratio Lower Upper
228 100
226 29.1 24.3 36.5
229 21.5 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2172

Delta R.T. -0.006 min

Lab File: BF129664.D

Acq: 09 Aug 2022 13:39

Instrument :

BNA_F

ClientSampleId :

RVE-210

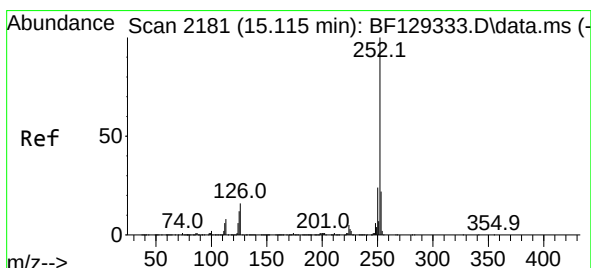
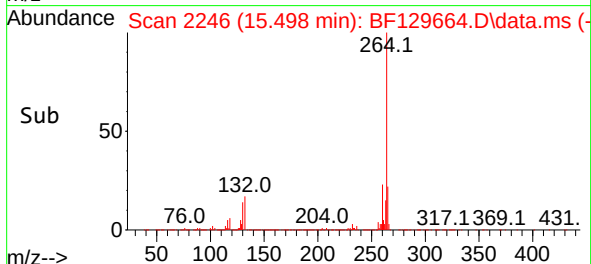
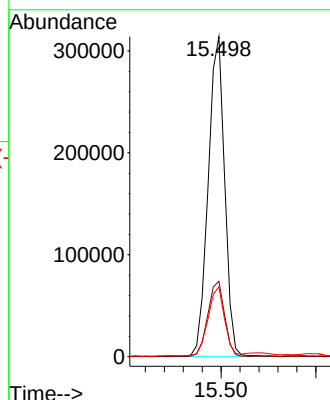
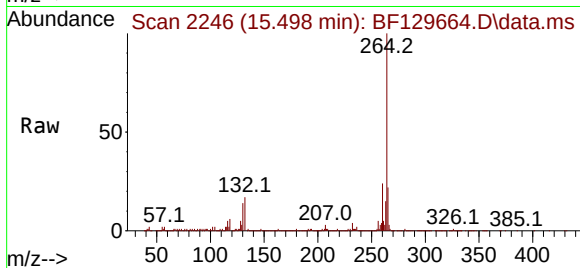
Tgt Ion:264	Resp:	377228
Ion Ratio	Lower	Upper
264	100	
260	23.5	18.4 27.6
265	21.8	17.2 25.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#88

Benzo(b)fluoranthene

Concen: 6.866 ng m

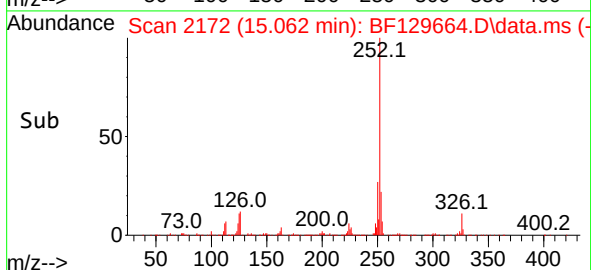
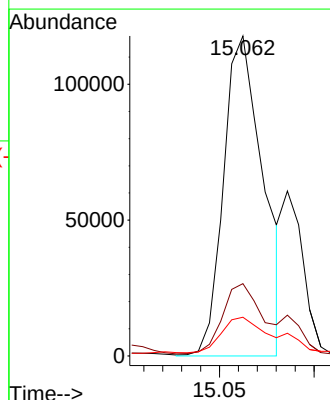
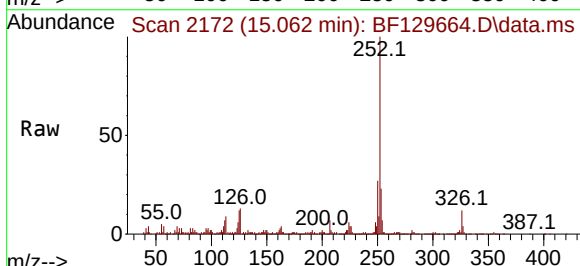
RT: 15.062 min Scan# 2172

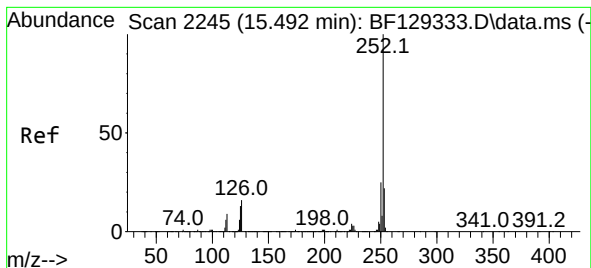
Delta R.T. -0.006 min

Lab File: BF129664.D

Acq: 09 Aug 2022 13:39

Tgt Ion:252	Resp:	171803
Ion Ratio	Lower	Upper
252	100	
253	22.6	17.7 26.5
125	12.1	8.0 12.0#





#90

Benzo(a)pyrene

Concen: 5.339 ng

RT: 15.427 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129664.D

Acq: 09 Aug 2022 13:39

Instrument :

BNA_F

ClientSampleId :

RVE-210

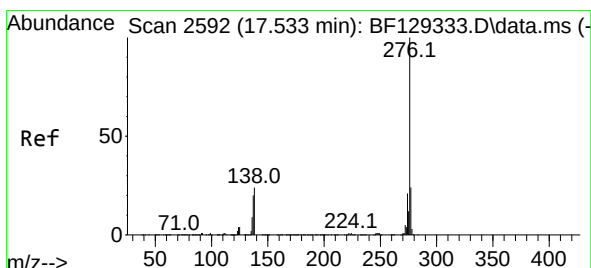
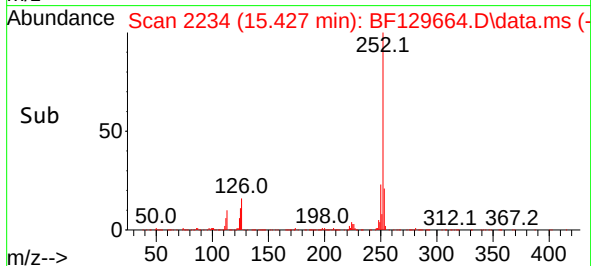
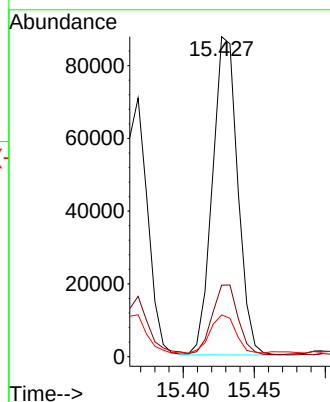
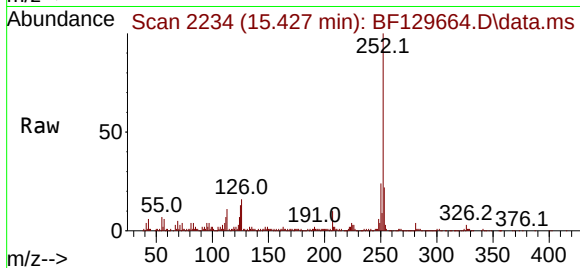
Tgt Ion:	252	Resp:	10844
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.0	25.6
125	13.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#92

Benzo(g,h,i)perylene

Concen: 2.997 ng

RT: 17.427 min Scan# 2574

Delta R.T. -0.024 min

Lab File: BF129664.D

Acq: 09 Aug 2022 13:39

Tgt Ion:	276	Resp:	63312
Ion Ratio	Lower	Upper	
276	100		
277	24.8	19.1	28.7
138	20.6	18.0	27.0

