

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129676.D
 Acq On : 09 Aug 2022 20:36
 Operator : CG\JU
 Sample : N3963-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-220

Quant Time: Aug 10 05:34:22 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	186435	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	713557	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	347820	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	488830	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	311405	20.000	ng	-0.01
86) Perylene-d12	15.492	264	309205	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1221775	106.754	ng	0.00
7) Phenol-d6	6.492	99	1521399	105.760	ng	-0.01
23) Nitrobenzene-d5	7.410	82	970472	74.243	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	340309	101.766	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1702625	75.725	ng	-0.01
79) Terphenyl-d14	12.957	244	1293172	78.344	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	75456	2.828	ng	97
75) Fluoranthene	12.580	202	204985	7.582	ng	97
78) Pyrene	12.816	202	199225	7.651	ng	96
81) Benzo(a)anthracene	14.004	228	107925	5.074	ng	95
83) Chrysene	14.039	228	103600	5.168	ng	98
87) Indeno(1,2,3-cd)pyrene	16.968	276	71904	3.453	ng	95
88) Benzo(b)fluoranthene	15.057	252	168770m	8.228	ng	
89) Benzo(k)fluoranthene	15.080	252	57530m	2.862	ng	
90) Benzo(a)pyrene	15.427	252	103637	6.224	ng	# 96
92) Benzo(g,h,i)perylene	17.421	276	64832	3.744	ng	98

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

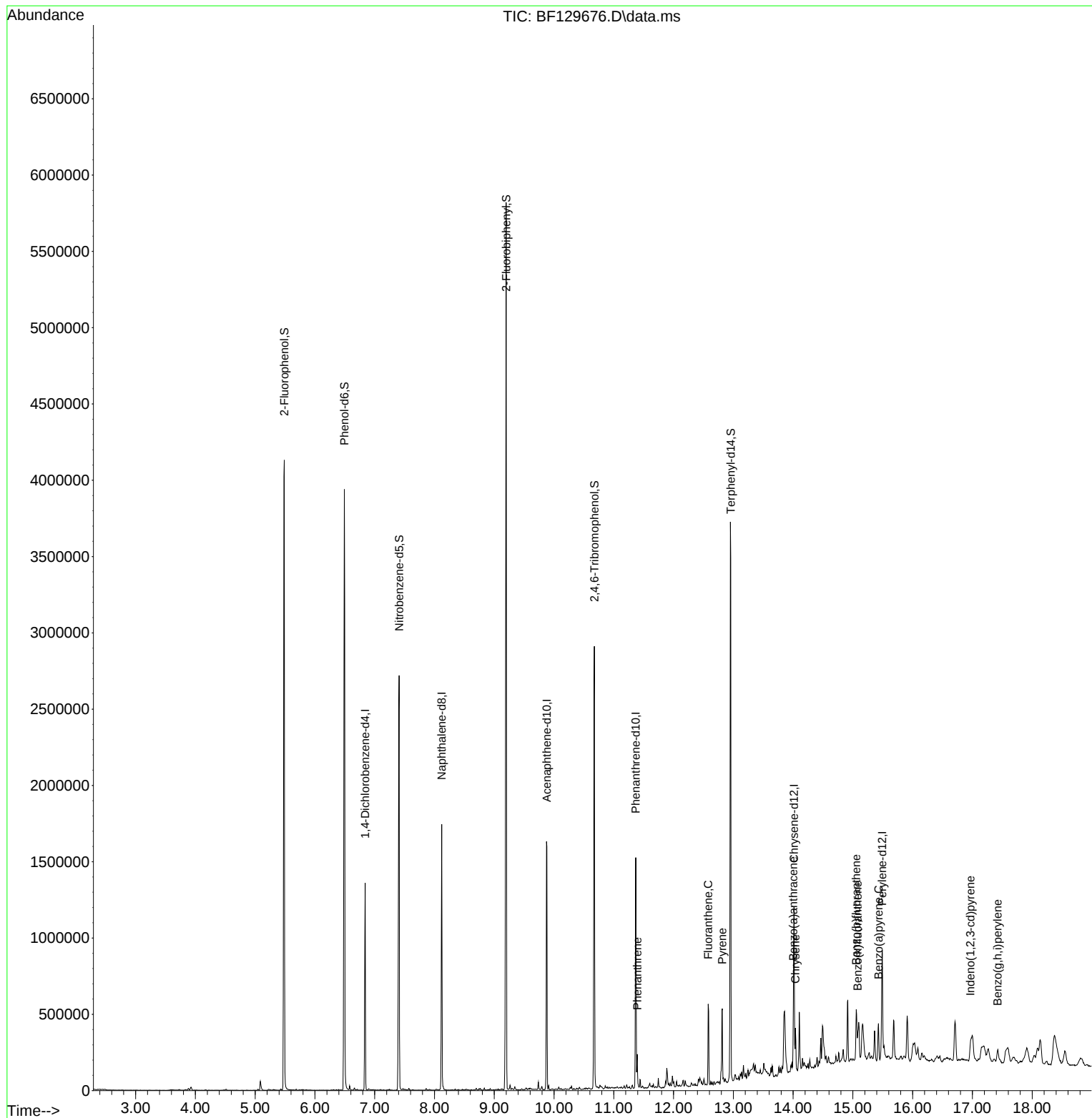
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129676.D
Acq On : 09 Aug 2022 20:36
Operator : CG\JU
Sample : N3963-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

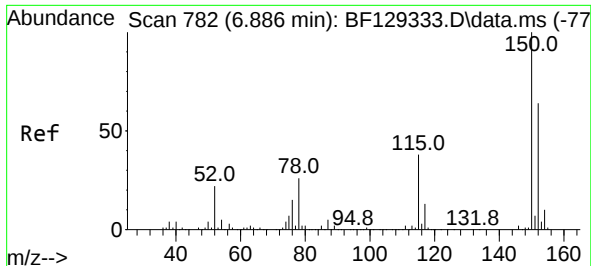
Instrument :
BNA_F
ClientSampleId :
RVE-220

Quant Time: Aug 10 05:34:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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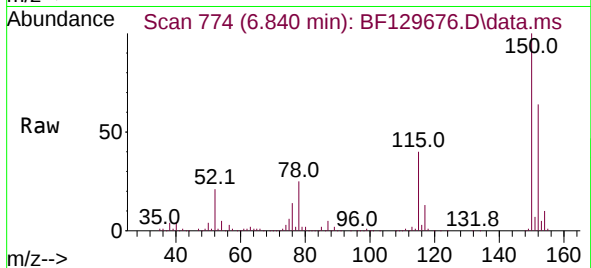
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36

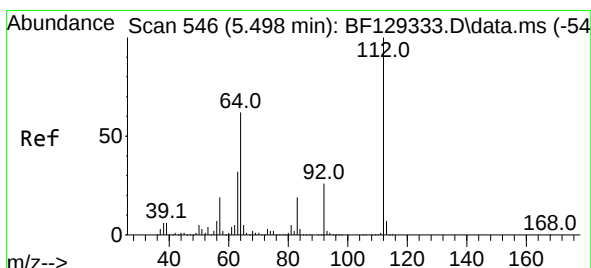
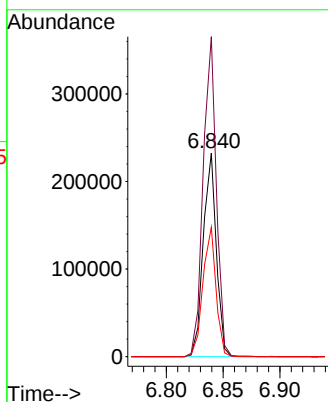
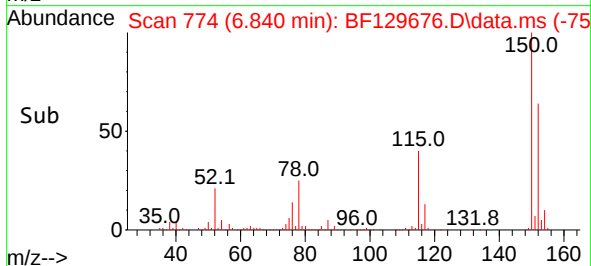
Instrument :
BNA_F
ClientSampleId :
RVE-220



Tgt Ion:152 Resp: 186435
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 63.5 49.9 74.9

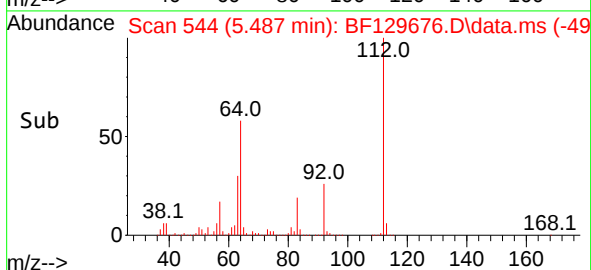
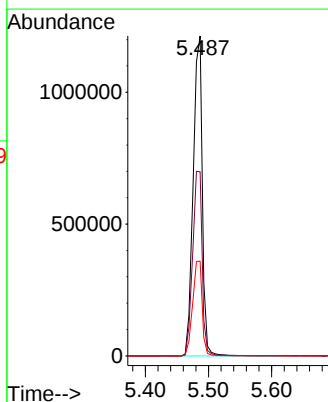
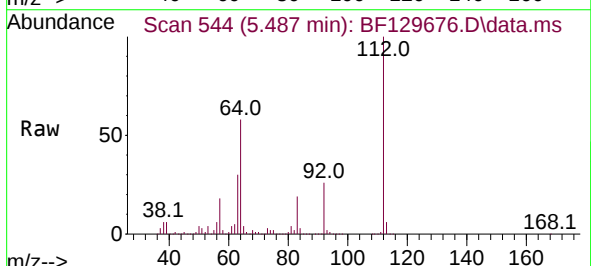
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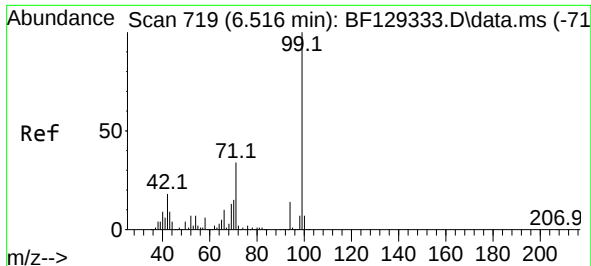
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#5
2-Fluorophenol
Concen: 106.754 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36

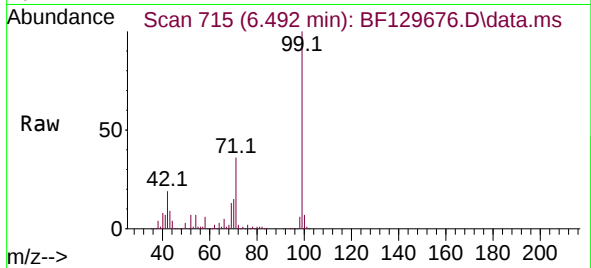
Tgt Ion:112 Resp: 1221775
Ion Ratio Lower Upper
112 100
64 57.5 53.3 79.9
63 29.6 28.0 42.0





#7
Phenol-d6
Concen: 105.760 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36

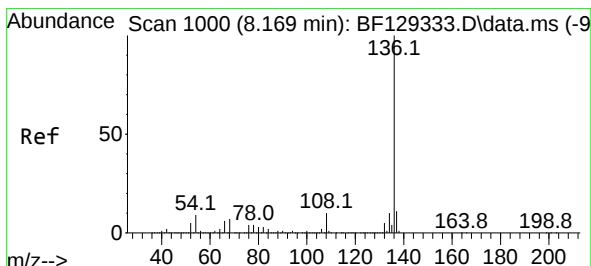
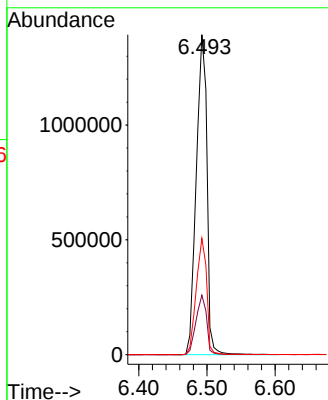
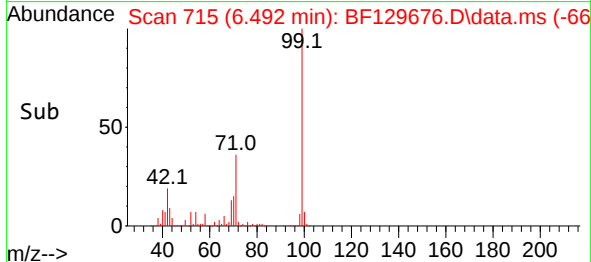
Instrument :
BNA_F
ClientSampleId :
RVE-220



Tgt Ion: 99 Resp: 1521399
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 36.4 28.9 43.3

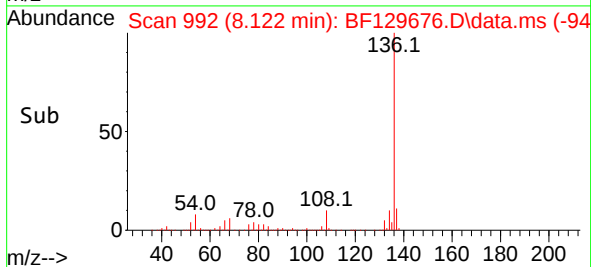
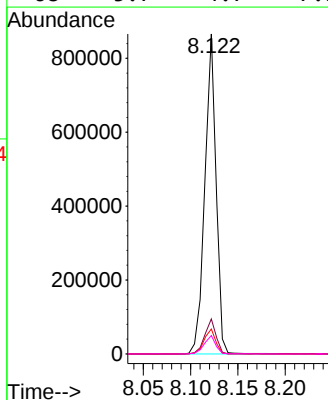
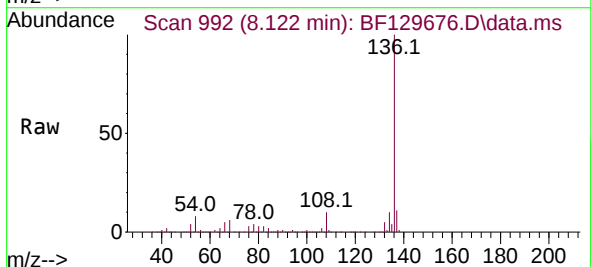
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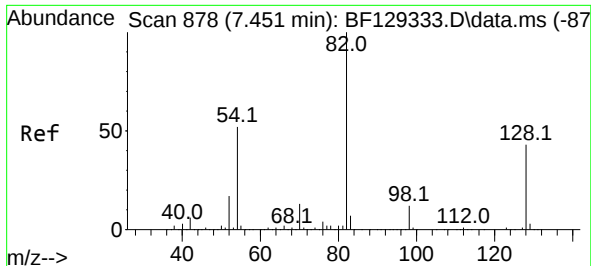
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36

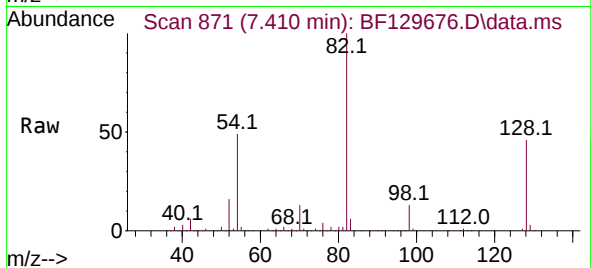
Tgt Ion:136 Resp: 713557
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.8 7.5 11.3
68 5.7 4.7 7.1





#23
Nitrobenzene-d5
Concen: 74.243 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36

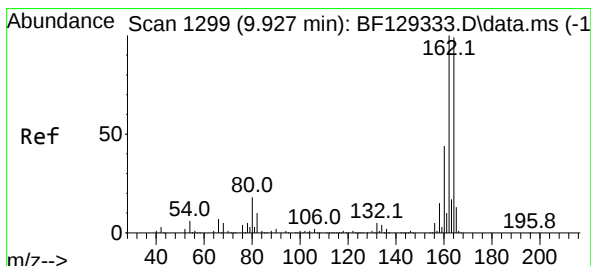
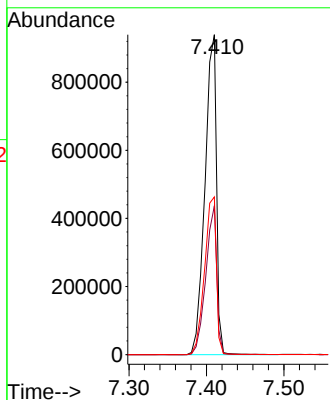
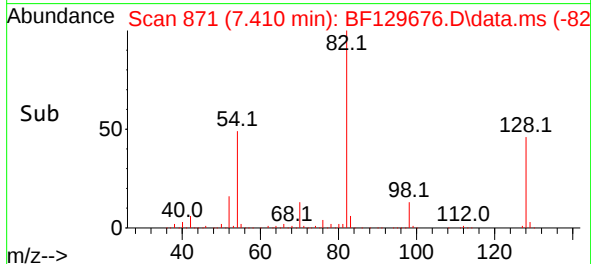
Instrument :
BNA_F
ClientSampleId :
RVE-220



Tgt Ion: 82 Resp: 970472
Ion Ratio Lower Upper
82 100
128 46.5 34.0 51.0
54 49.3 46.9 70.3

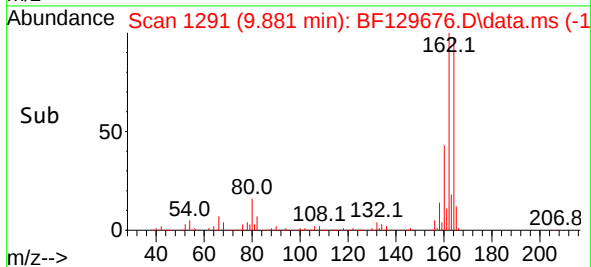
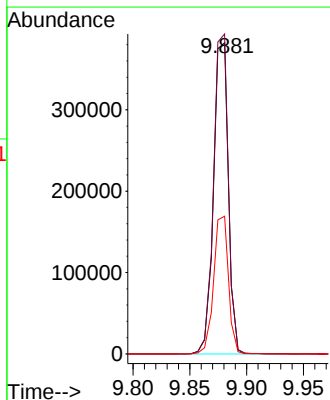
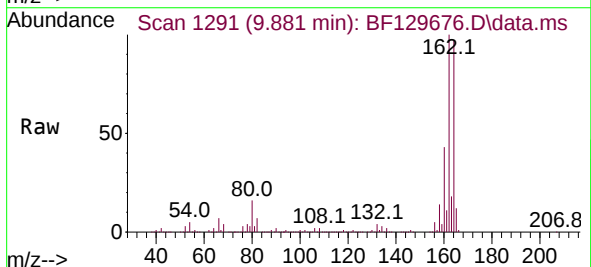
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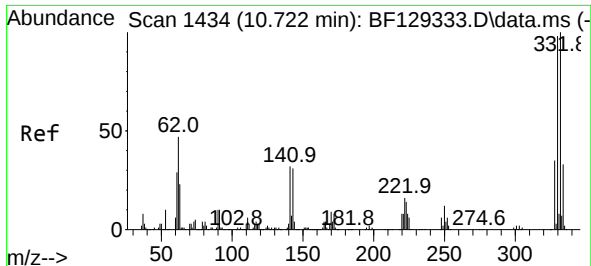
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36

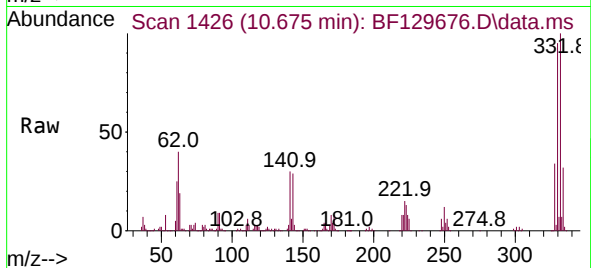
Tgt Ion:164 Resp: 347820
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 44.2 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 101.766 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36

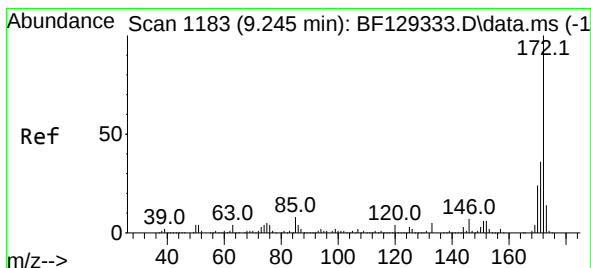
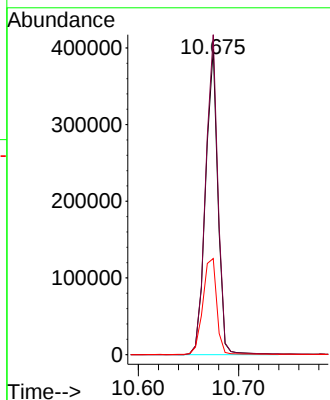
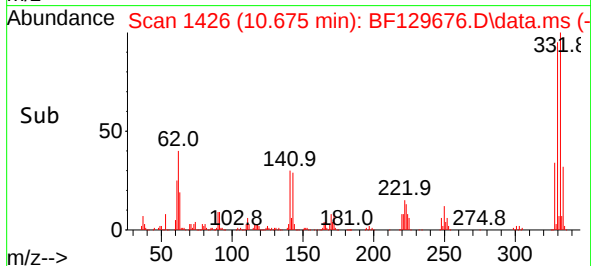
Instrument :
BNA_F
ClientSampleId :
RVE-220



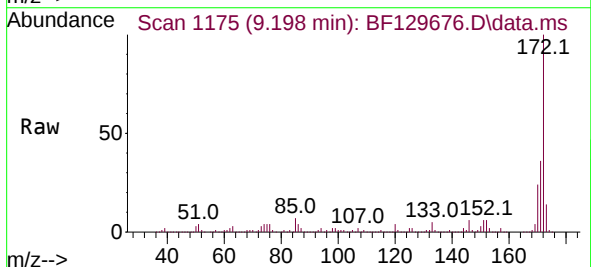
Tgt Ion: 330 Resp: 340309
Ion Ratio Lower Upper
330 100
332 104.2 76.8 115.2
141 35.5 28.0 42.0

Manual Integrations
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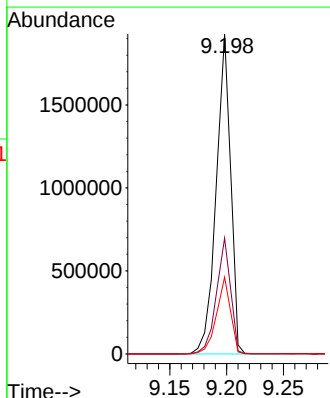
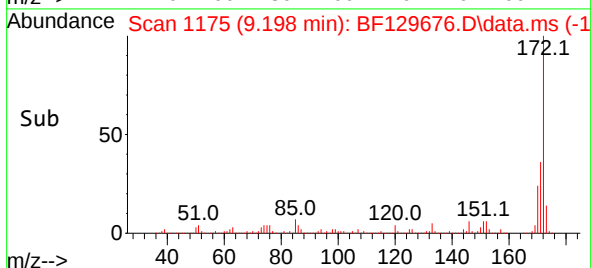
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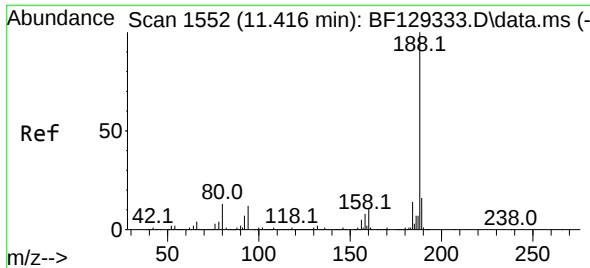


#45
2-Fluorobiphenyl
Concen: 75.725 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36



Tgt Ion: 172 Resp: 1702625
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 24.0 19.8 29.8





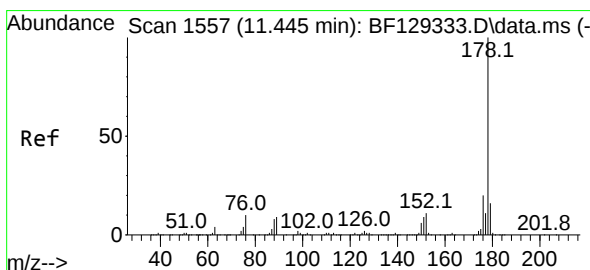
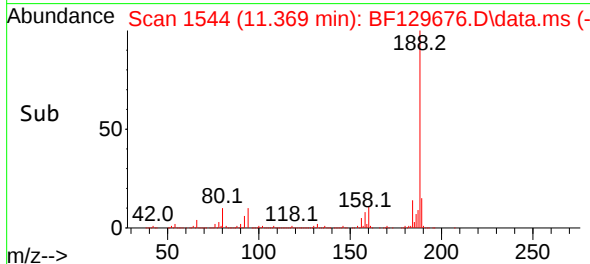
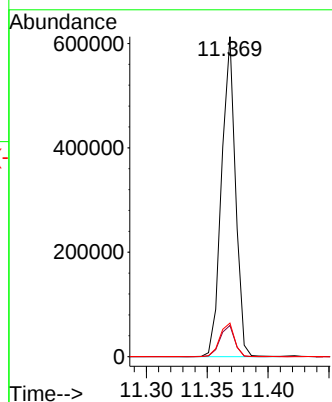
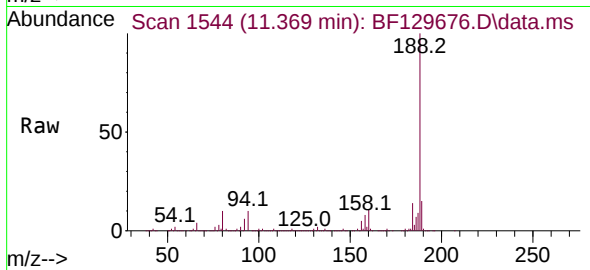
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36

Instrument :
BNA_F
ClientSampleId :
RVE-220

Tgt Ion:188 Resp: 488830
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.5 7.6 11.4

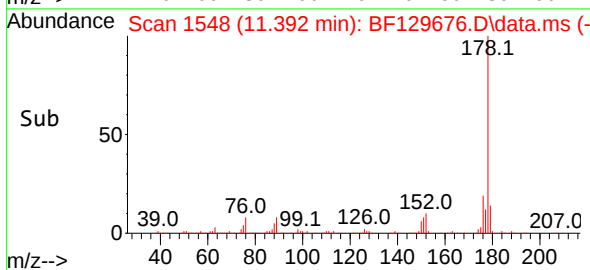
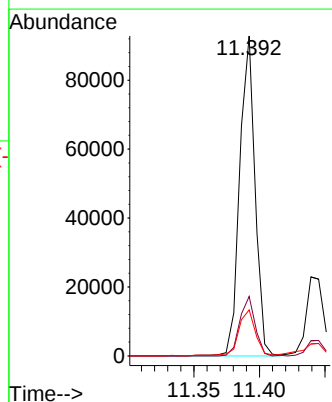
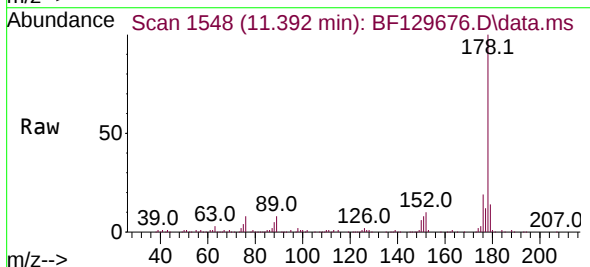
Manual Integrations
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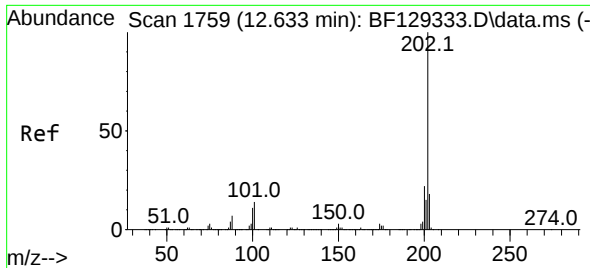
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#71
Phenanthrene
Concen: 2.828 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.018 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36

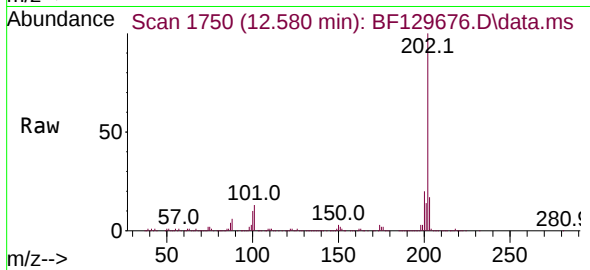
Tgt Ion:178 Resp: 75456
Ion Ratio Lower Upper
178 100
176 18.6 16.0 24.0
179 14.4 12.6 19.0





#75
Fluoranthene
Concen: 7.582 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36

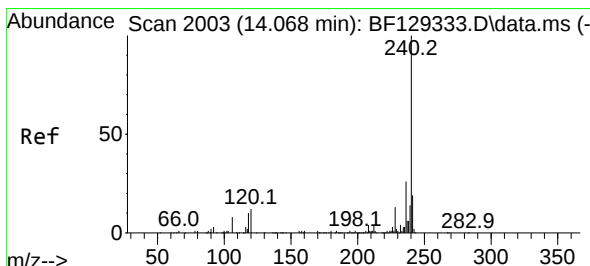
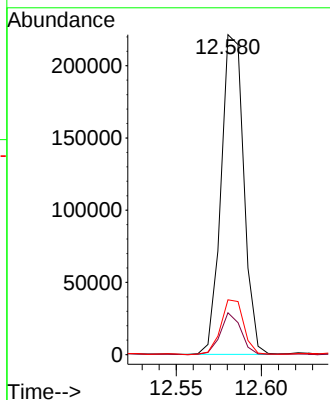
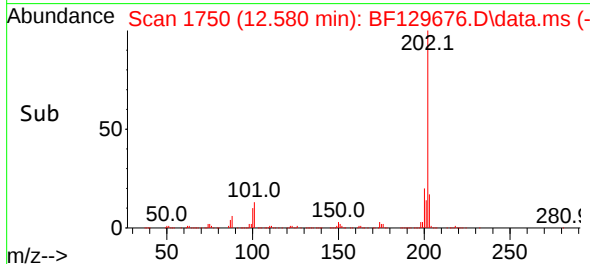
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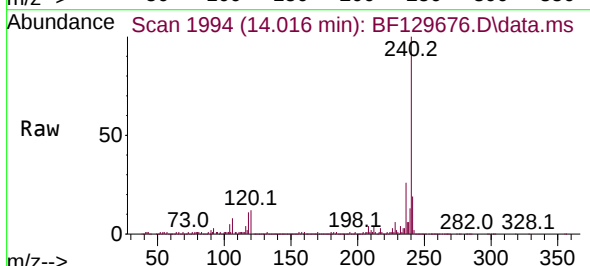
Tgt Ion:202 Resp: 204985
Ion Ratio Lower Upper
202 100
101 13.1 0.0 31.4
203 17.1 0.0 38.0

Manual Integrations
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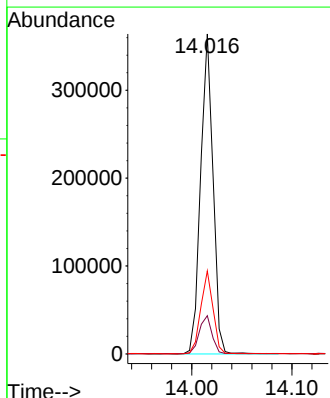
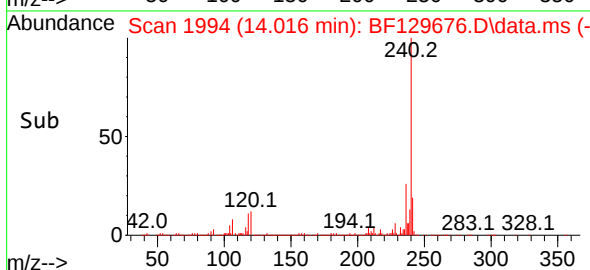
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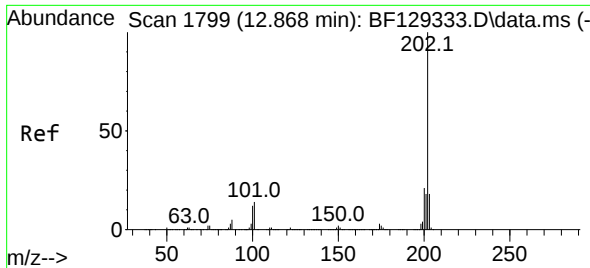


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36



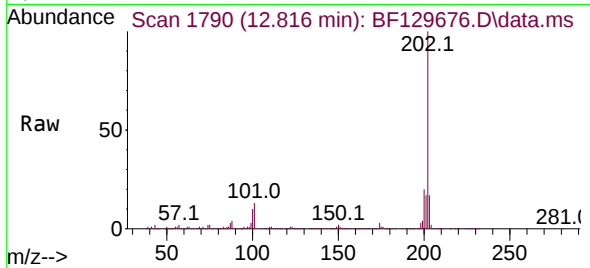
Tgt Ion:240 Resp: 311405
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.9 20.8 31.2





#78
Pyrene
Concen: 7.651 ng
RT: 12.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36

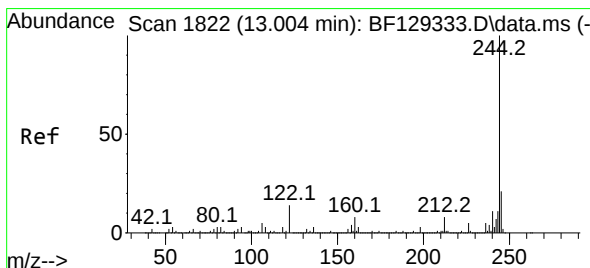
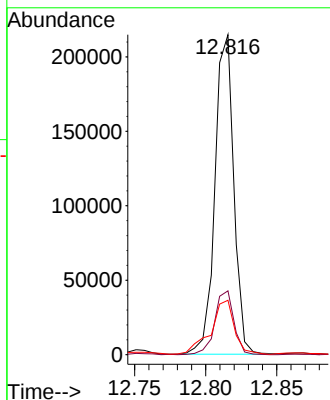
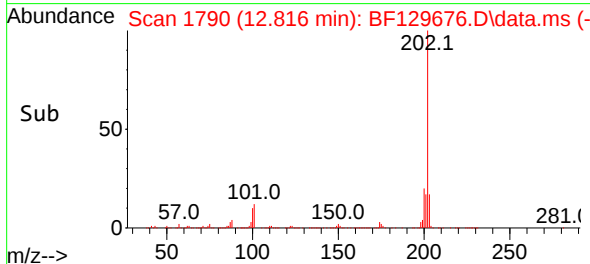
Instrument :
BNA_F
ClientSampleId :
RVE-220



Tgt Ion:202 Resp: 199225
Ion Ratio Lower Upper
202 100
200 19.9 17.7 26.5
203 17.0 14.6 21.8

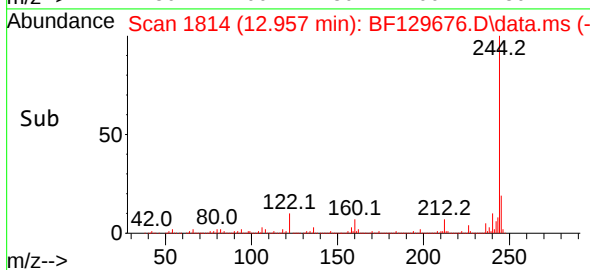
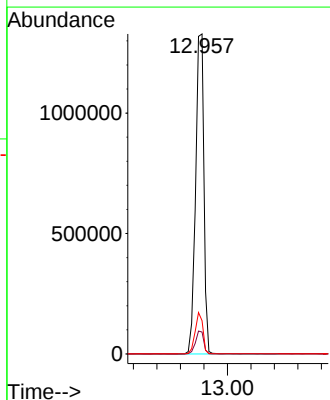
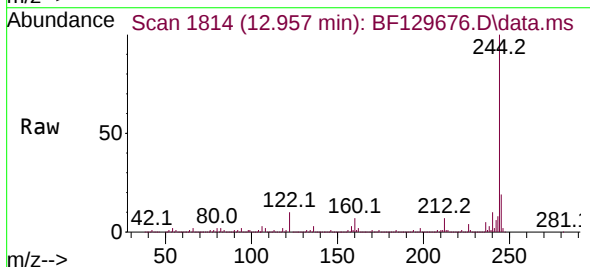
Manual Integrations
APPROVED

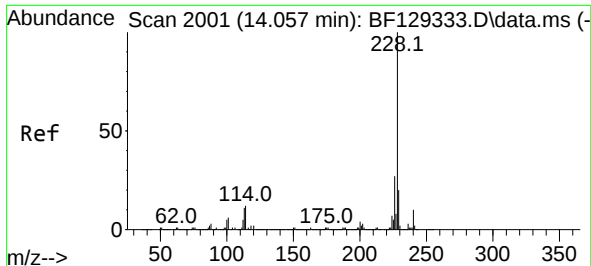
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#79
Terphenyl-d14
Concen: 78.344 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36

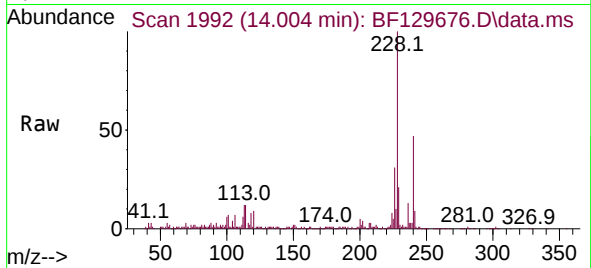
Tgt Ion:244 Resp: 1293172
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 10.4 8.8 13.2





#81
Benzo(a)anthracene
Concen: 5.074 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36

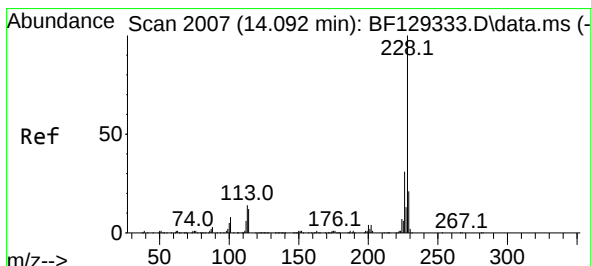
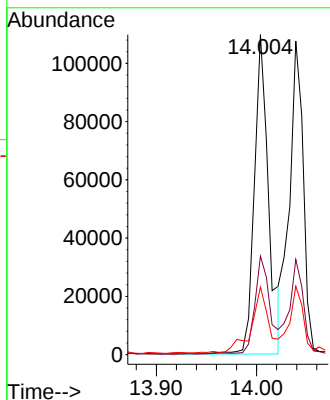
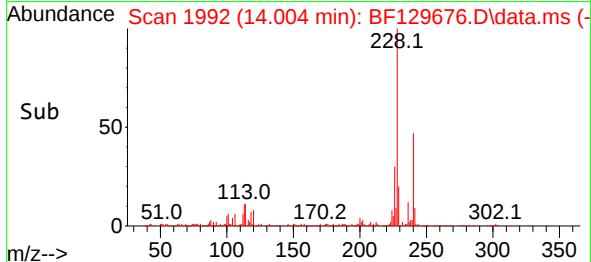
Instrument :
BNA_F
ClientSampleId :
RVE-220



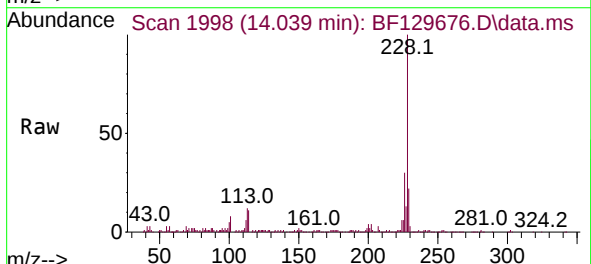
Tgt Ion:228 Resp: 107925
Ion Ratio Lower Upper
228 100
226 30.8 22.1 33.1
229 21.1 15.8 23.8

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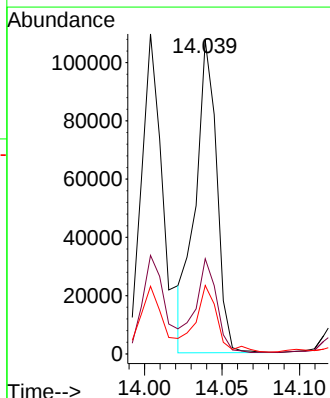
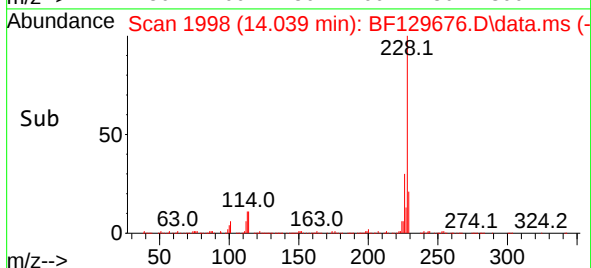
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

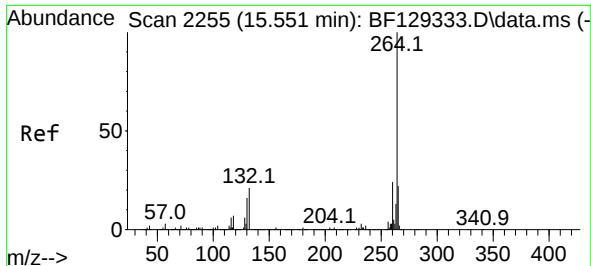


#83
Chrysene
Concen: 5.168 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36



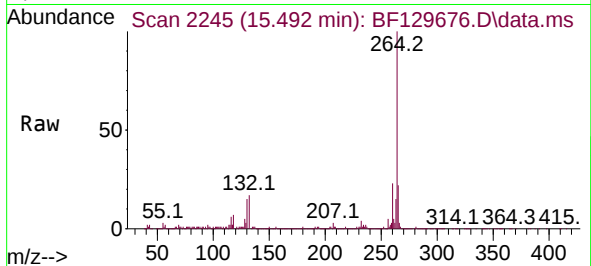
Tgt Ion:228 Resp: 103600
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.8 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36

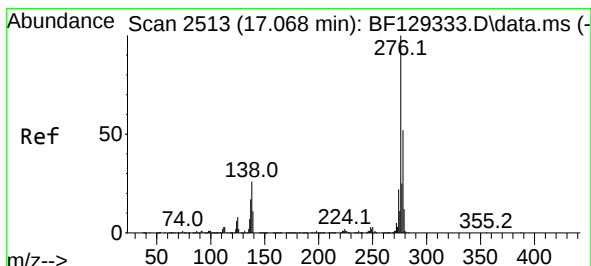
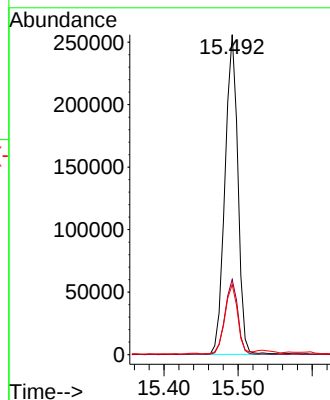
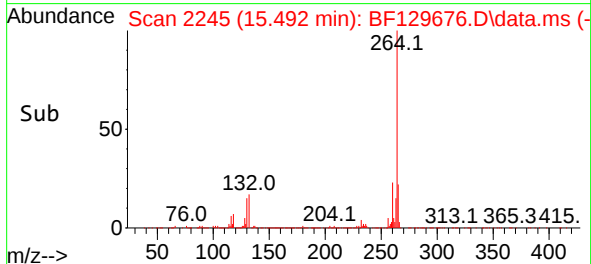
Instrument :
BNA_F
ClientSampleId :
RVE-220



Tgt Ion:264 Resp: 309205
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.9 17.2 25.8

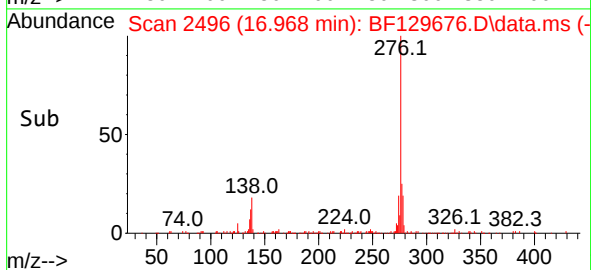
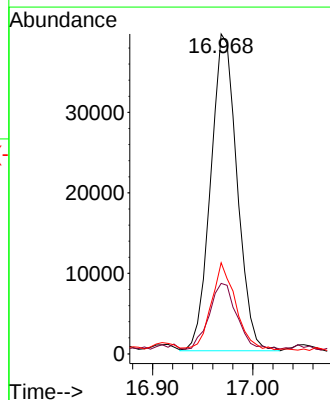
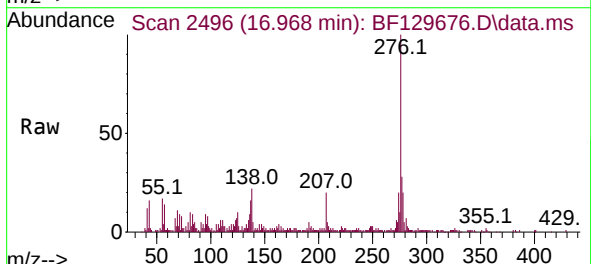
Manual Integrations
APPROVED

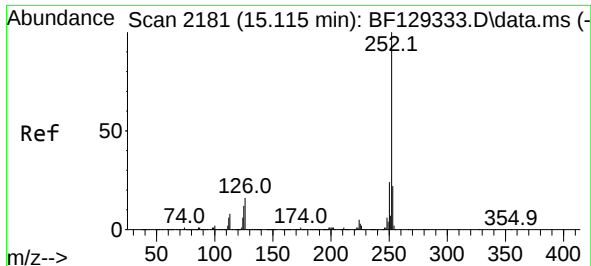
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.453 ng
RT: 16.968 min Scan# 2496
Delta R.T. -0.029 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36

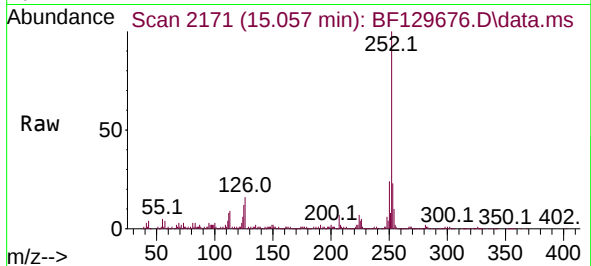
Tgt Ion:276 Resp: 71904
Ion Ratio Lower Upper
276 100
138 22.3 21.1 31.7
277 25.9 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 8.228 ng m
RT: 15.057 min Scan# 2117
Delta R.T. -0.012 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36

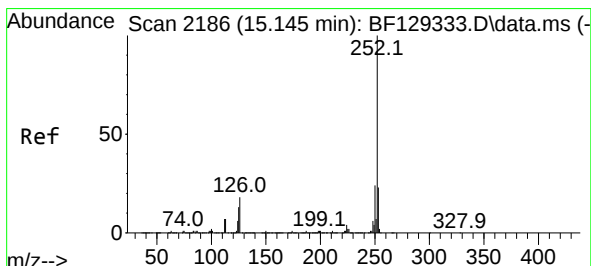
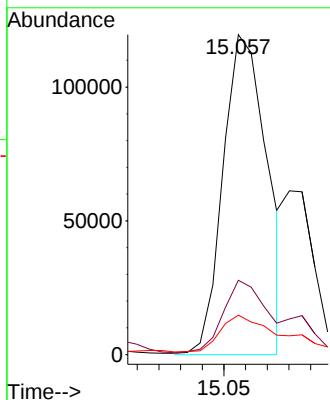
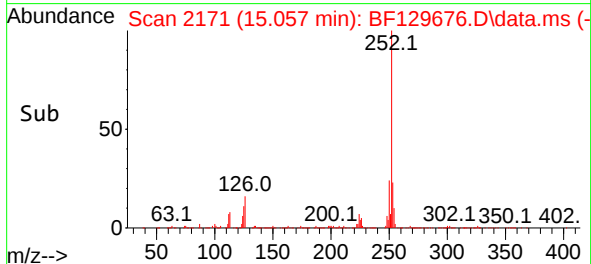
Instrument :
BNA_F
ClientSampleId :
RVE-220



Tgt Ion:252 Resp: 168776
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 12.3 8.0 12.0

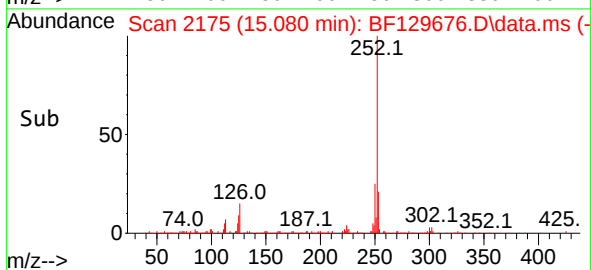
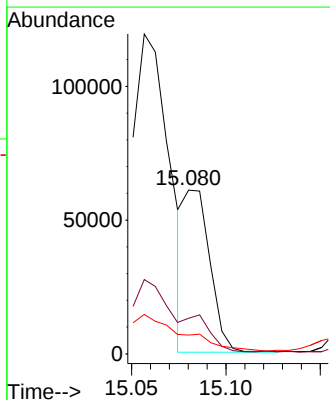
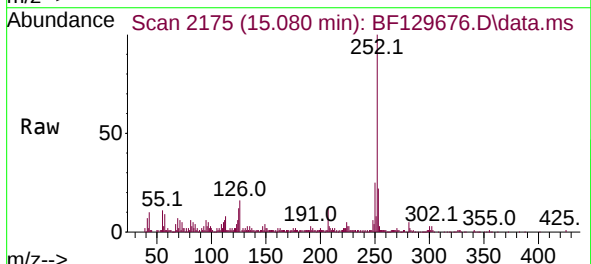
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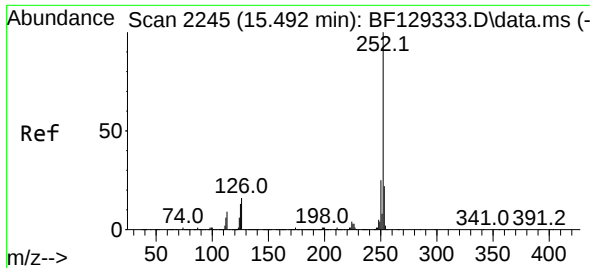
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#89
Benzo(k)fluoranthene
Concen: 2.862 ng m
RT: 15.080 min Scan# 2175
Delta R.T. -0.024 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36

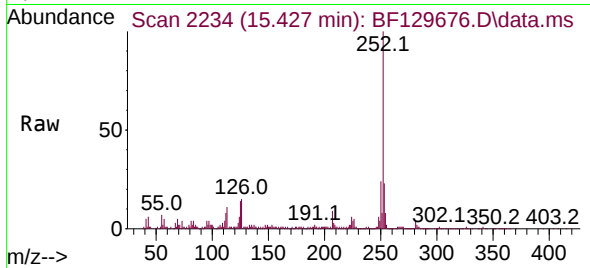
Tgt Ion:252 Resp: 57530
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 11.5 8.3 12.5





#90
Benzo(a)pyrene
Concen: 6.224 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36

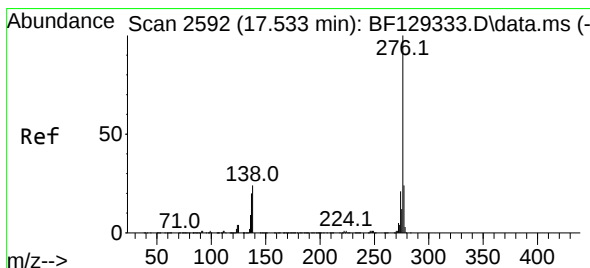
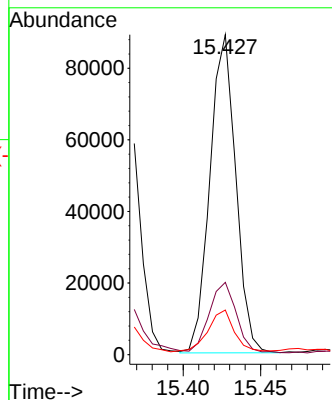
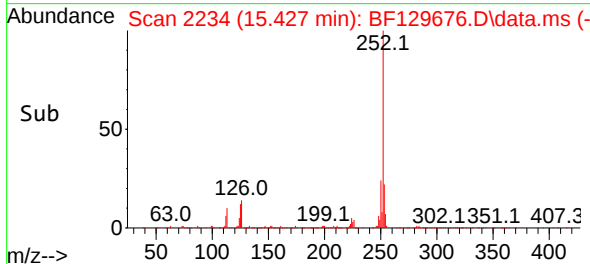
Instrument :
BNA_F
ClientSampleId :
RVE-220



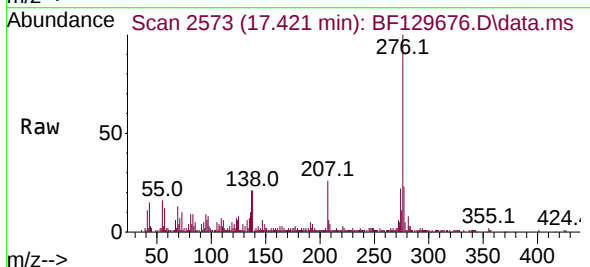
Tgt Ion:252 Resp: 103632
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 13.9 8.8 13.2

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



#92
Benzo(g,h,i)perylene
Concen: 3.744 ng
RT: 17.421 min Scan# 2573
Delta R.T. -0.029 min
Lab File: BF129676.D
Acq: 09 Aug 2022 20:36



Tgt Ion:276 Resp: 64832
Ion Ratio Lower Upper
276 100
277 23.2 19.1 28.7
138 21.2 18.0 27.0

