

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129653.D
 Acq On : 09 Aug 2022 03:18
 Operator : CG\JU
 Sample : N3963-19
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-223

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/09/2022
 Supervised By : Jagrut Upadhyay 08/09/2022

Quant Time: Aug 09 04:09:39 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	126372	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	442777	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	192218	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	298995	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	281331	20.000	ng	-0.01
86) Perylene-d12	15.492	264	215621	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	863547	111.316	ng	0.00
7) Phenol-d6	6.492	99	1022804	104.893	ng	-0.01
23) Nitrobenzene-d5	7.404	82	620780	76.534	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	193319	104.608	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1019844	82.076	ng	-0.01
79) Terphenyl-d14	12.957	244	1023376	68.627	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	69762	4.274	ng	97
75) Fluoranthene	12.586	202	181073	10.949	ng	100
78) Pyrene	12.815	202	190591	8.101	ng	99
81) Benzo(a)anthracene	14.004	228	111052	5.779	ng	96
83) Chrysene	14.045	228	120419	6.649	ng	96
87) Indeno(1,2,3-cd)pyrene	16.974	276	56916	3.920	ng	96
88) Benzo(b)fluoranthene	15.062	252	157680m	11.024	ng	
89) Benzo(k)fluoranthene	15.086	252	39835m	2.842	ng	
90) Benzo(a)pyrene	15.427	252	87075	7.500	ng	# 94
92) Benzo(g,h,i)perylene	17.427	276	56204	4.654	ng	96

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

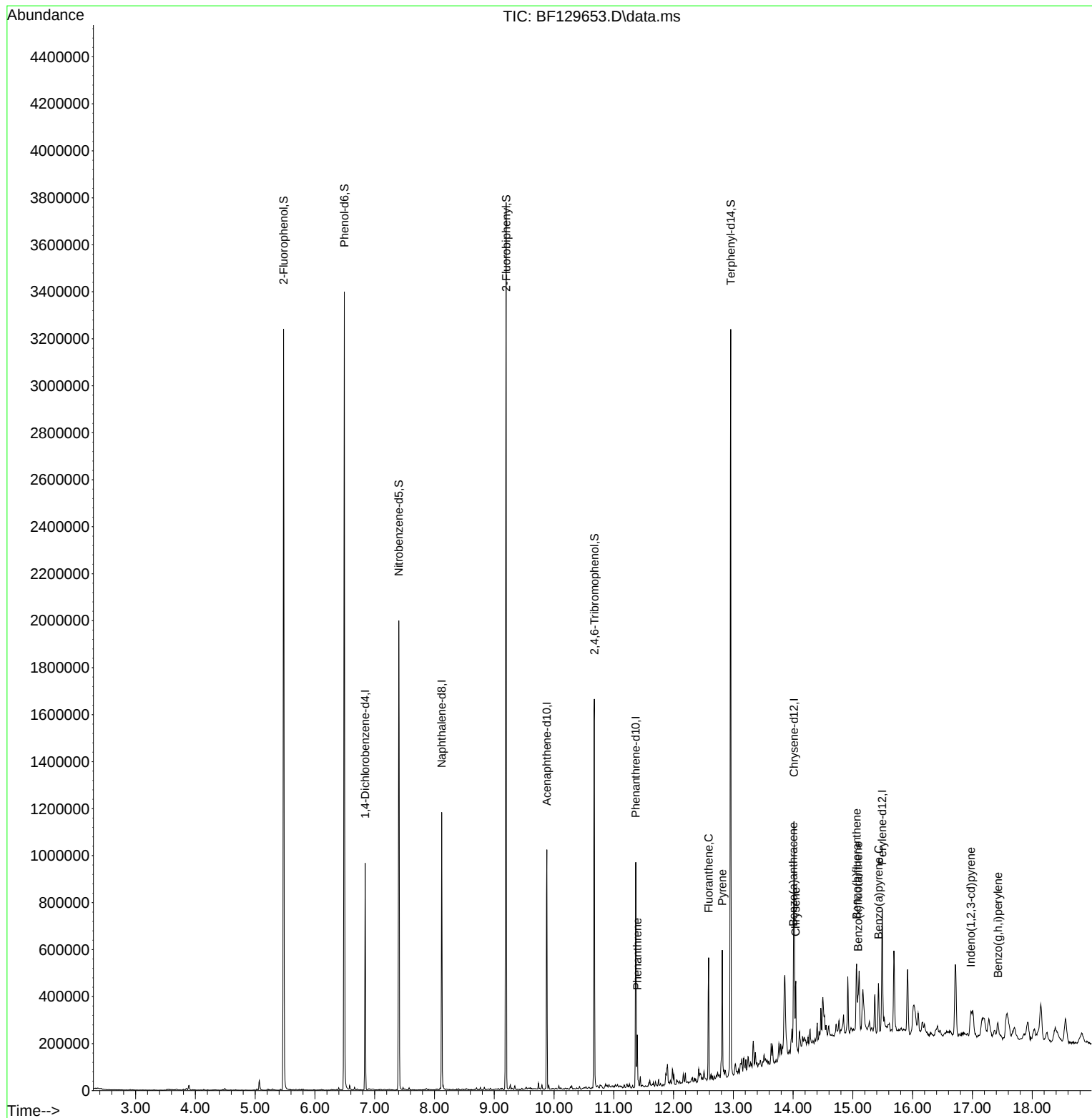
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
Data File : BF129653.D
Acq On : 09 Aug 2022 03:18
Operator : CG\JU
Sample : N3963-19
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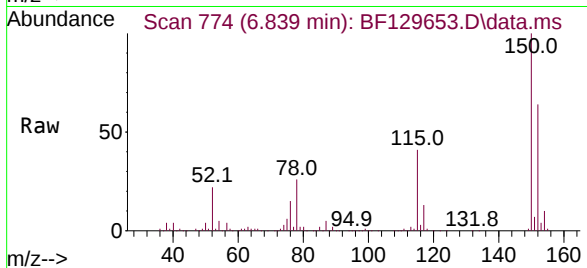
Quant Time: Aug 09 04:09:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 16:27:34 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

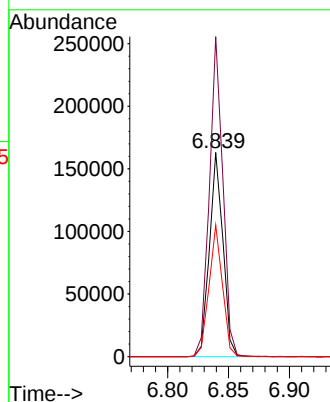
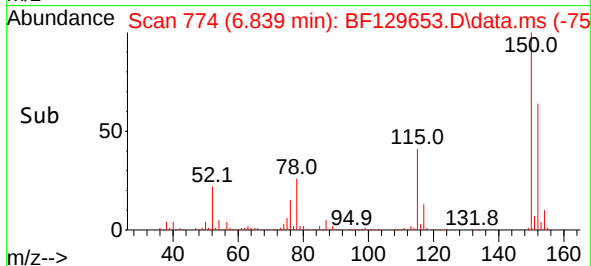
Instrument :
BNA_F
ClientSampleId :
RVE-223



Tgt Ion:152 Resp: 126372
Ion Ratio Lower Upper
152 100
150 156.9 123.7 185.5
115 64.5 49.9 74.9

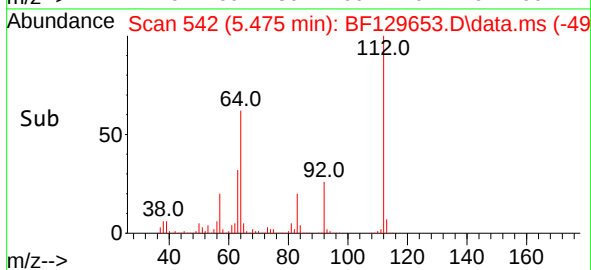
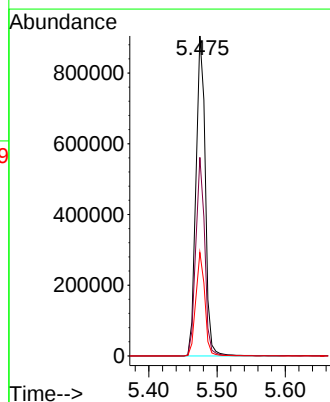
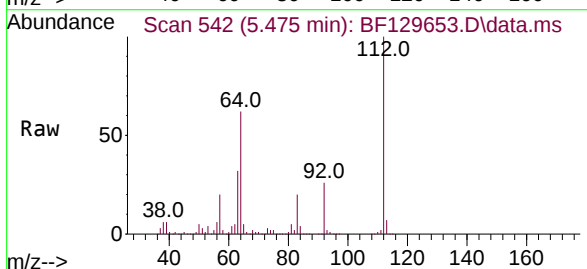
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#5
2-Fluorophenol
Concen: 111.316 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

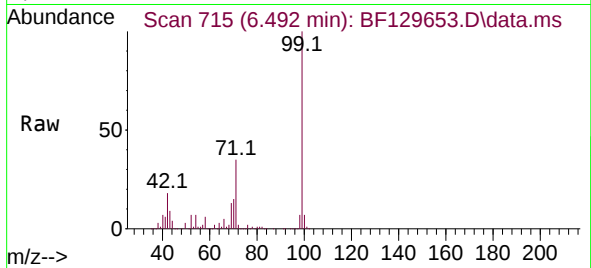
Tgt Ion:112 Resp: 863547
Ion Ratio Lower Upper
112 100
64 62.1 53.3 79.9
63 32.3 28.0 42.0





#7
Phenol-d6
Concen: 104.893 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

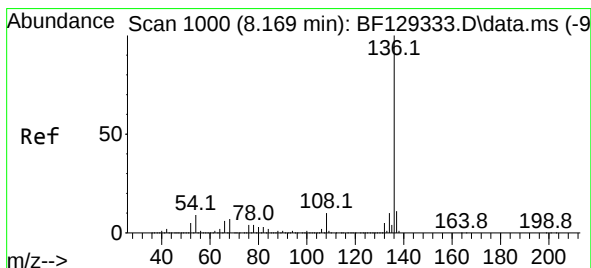
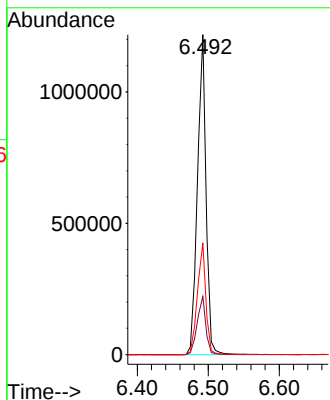
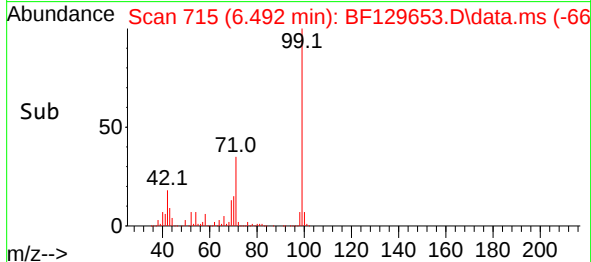
Instrument :
BNA_F
ClientSampleId :
RVE-223



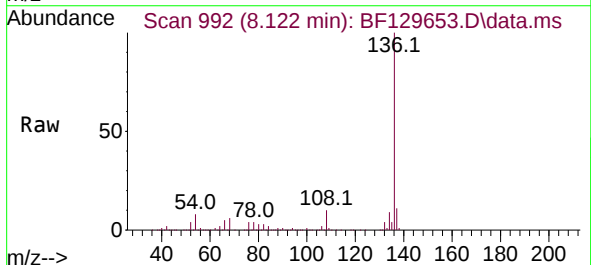
Tgt Ion: 99 Resp: 1022804
Ion Ratio Lower Upper
99 100
42 18.1 17.3 25.9
71 34.9 28.9 43.3

Manual Integrations
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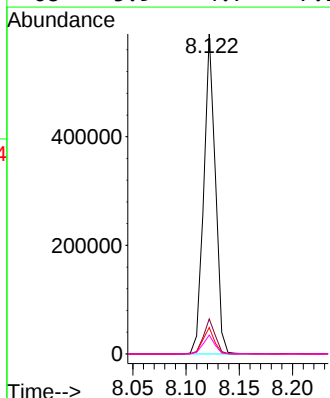
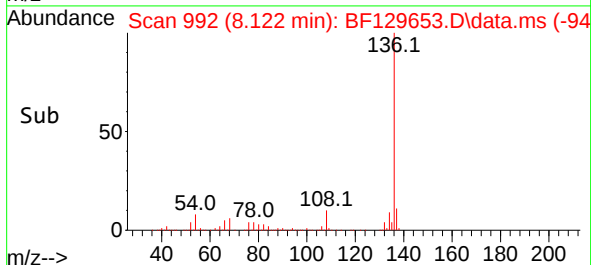
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18



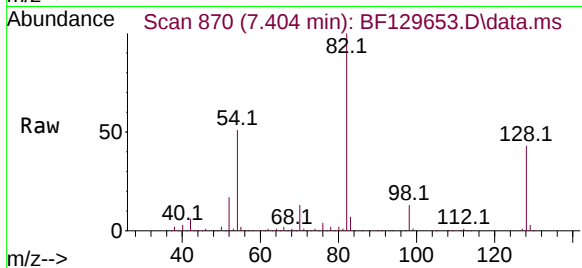
Tgt Ion:136 Resp: 442777
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.2 7.5 11.3
68 5.9 4.7 7.1





#23
Nitrobenzene-d5
Concen: 76.534 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

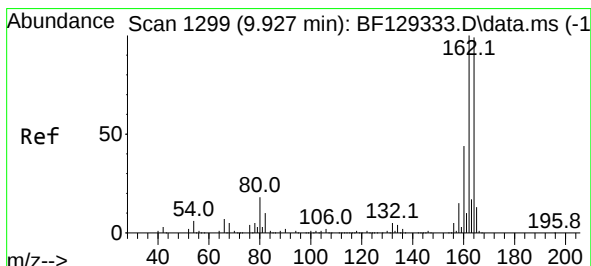
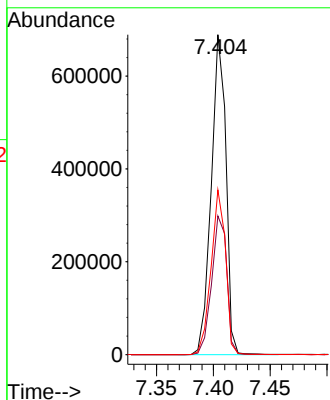
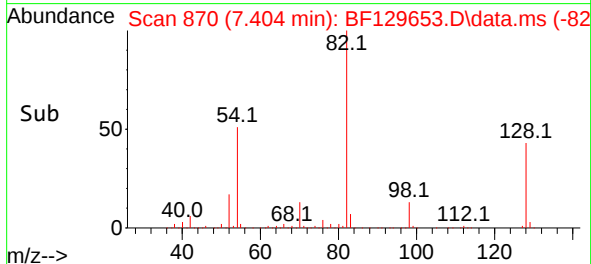
Instrument :
BNA_F
ClientSampleId :
RVE-223



Tgt Ion: 82 Resp: 620780
Ion Ratio Lower Upper
82 100
128 43.3 34.0 51.0
54 51.5 46.9 70.3

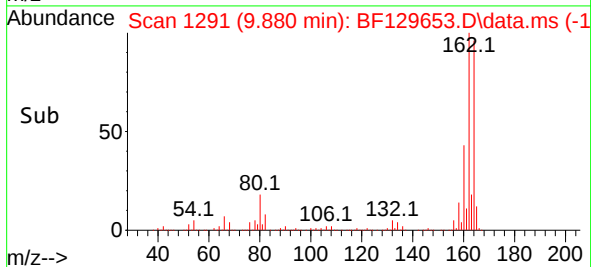
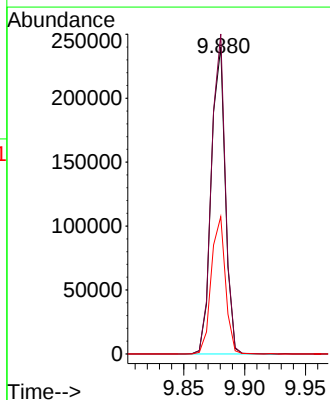
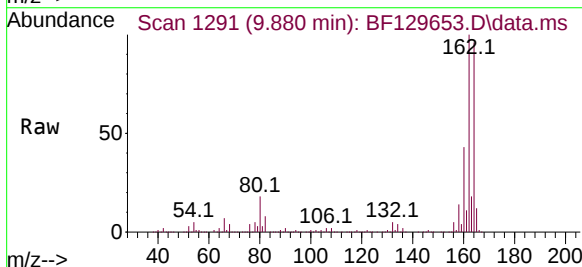
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

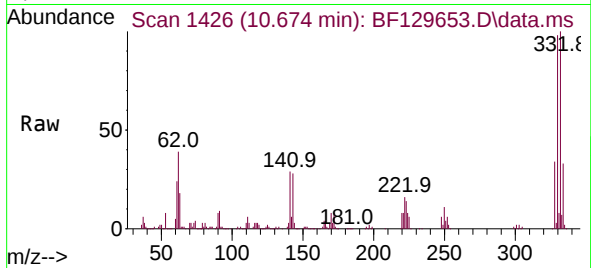
Tgt Ion:164 Resp: 192218
Ion Ratio Lower Upper
164 100
162 104.2 79.5 119.3
160 44.7 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 104.608 ng
RT: 10.674 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

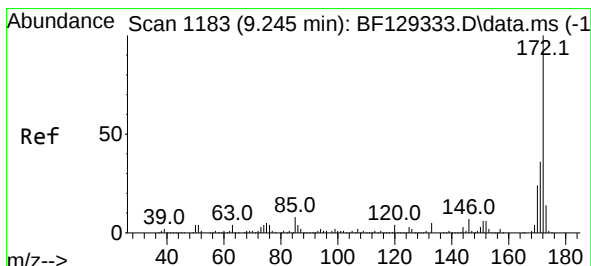
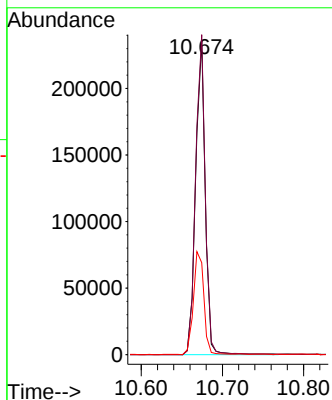
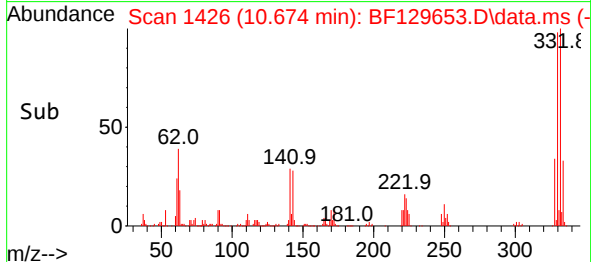
Instrument :
BNA_F
ClientSampleId :
RVE-223



Tgt Ion: 330 Resp: 193319
Ion Ratio Lower Upper
330 100
332 102.8 76.8 115.2
141 35.3 28.0 42.0

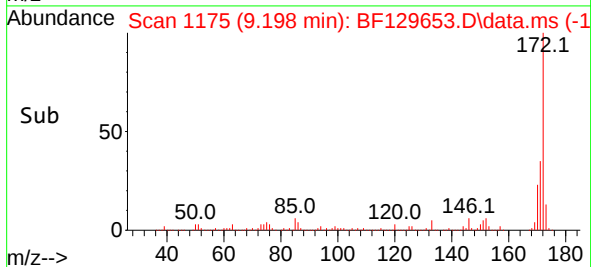
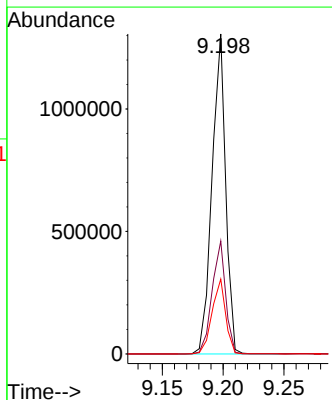
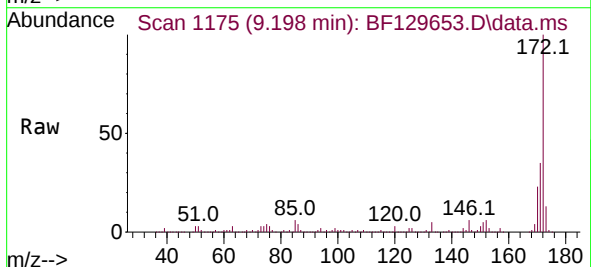
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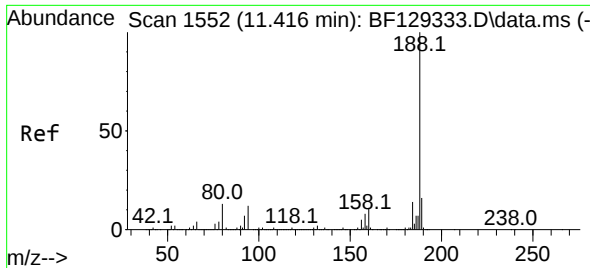
Reviewed By : Christian Giraldo 08/09/2022
Supervised By : Jagrut Upadhyay 08/09/2022



#45
2-Fluorobiphenyl
Concen: 82.076 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

Tgt Ion: 172 Resp: 1019844
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.4 19.8 29.8





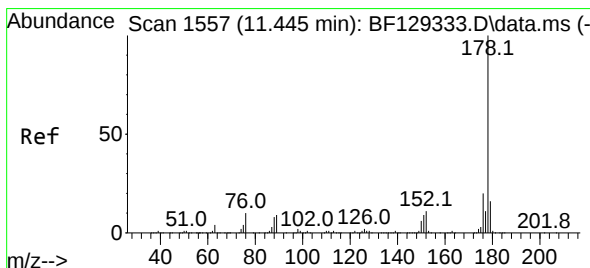
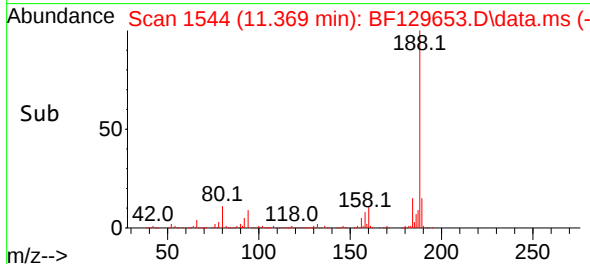
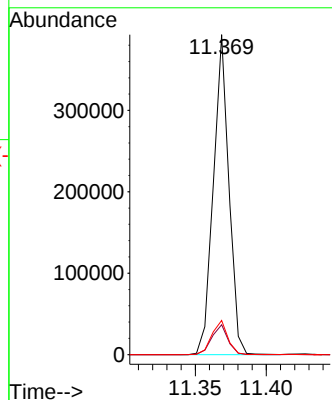
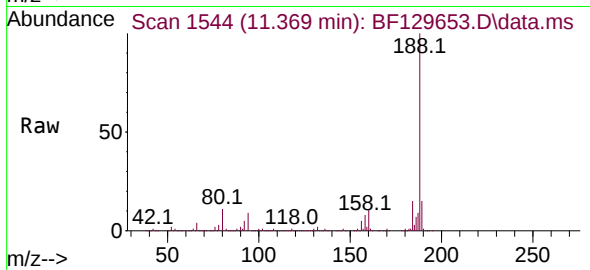
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

Instrument :
BNA_F
ClientSampleId :
RVE-223

Tgt Ion:188 Resp: 298995
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.7 7.6 11.4

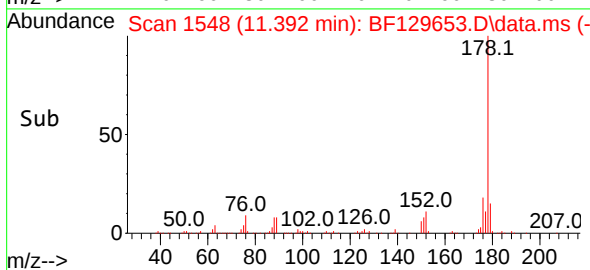
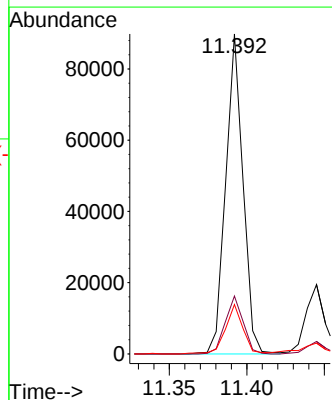
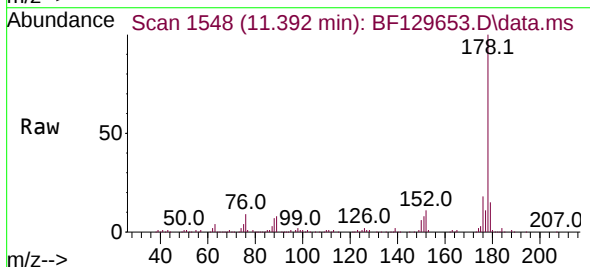
Manual Integrations
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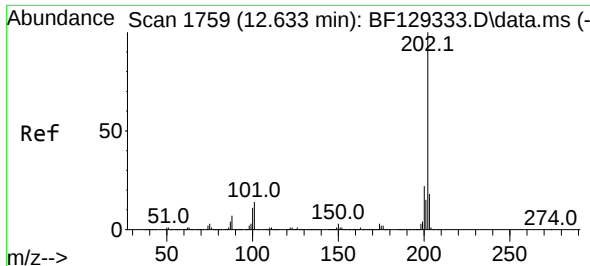
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#71
Phenanthrene
Concen: 4.274 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.018 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

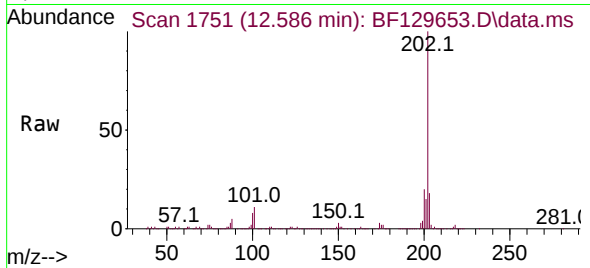
Tgt Ion:178 Resp: 69762
Ion Ratio Lower Upper
178 100
176 18.1 16.0 24.0
179 15.4 12.6 19.0





#75
Fluoranthene
Concen: 10.949 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

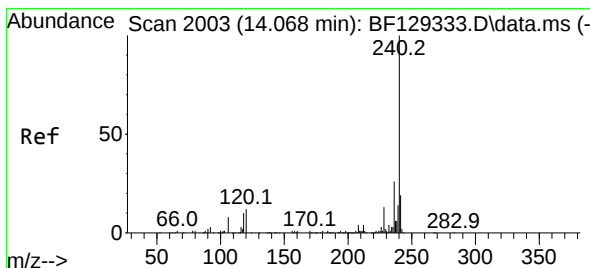
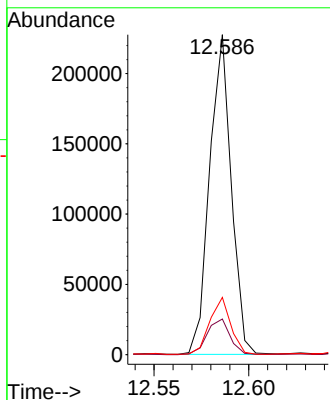
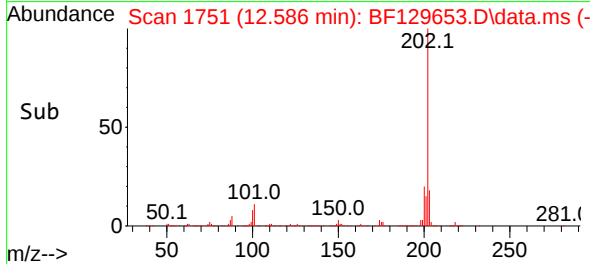
Instrument :
BNA_F
ClientSampleId :
RVE-223



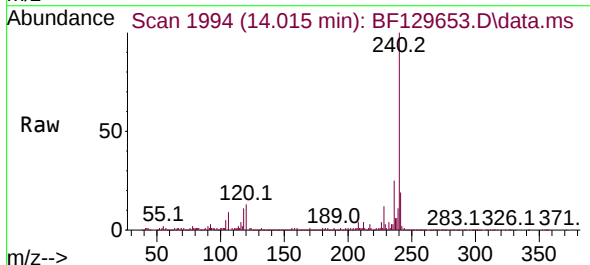
Tgt Ion:202 Resp: 181073
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 17.9 0.0 38.0

Manual Integrations
APPROVED

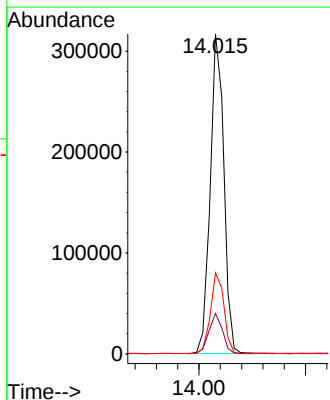
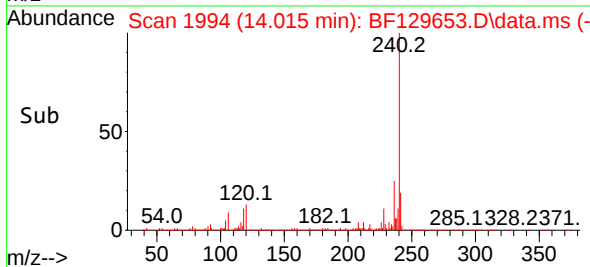
Reviewed By :Christian Giraldo 08/09/2022
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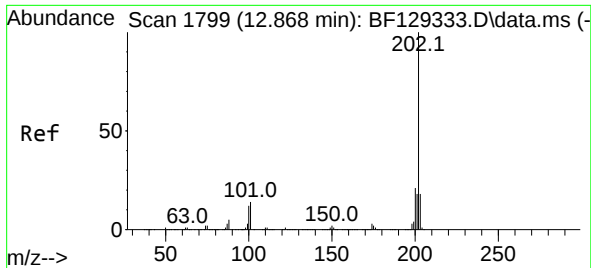


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18



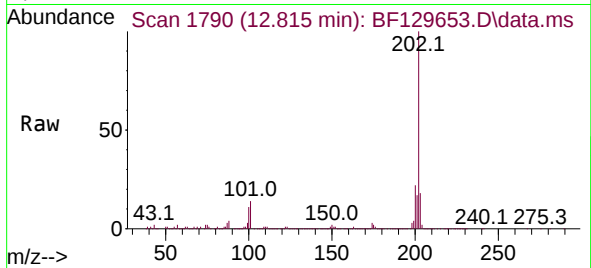
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Ion Ratio Lower Upper
240 100
120 12.6 8.9 13.3
236 25.4 20.8 31.2





#78
Pyrene
Concen: 8.101 ng
RT: 12.815 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

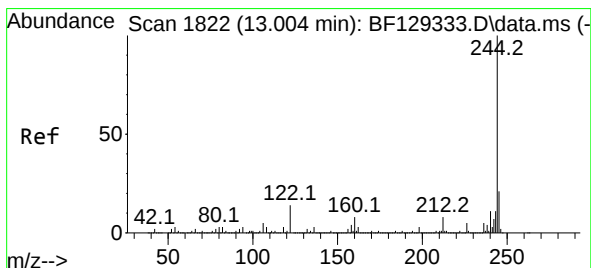
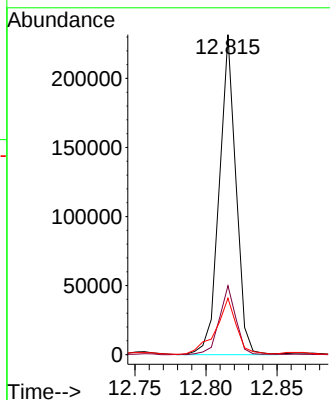
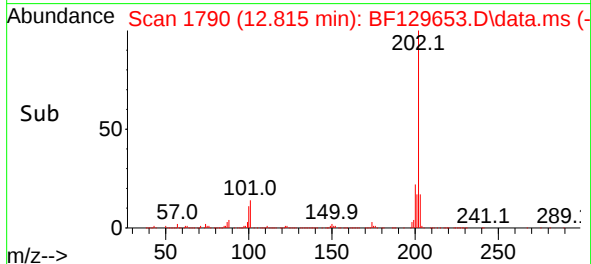
Instrument :
BNA_F
ClientSampleId :
RVE-223



Tgt Ion:202 Resp: 190591
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 17.6 14.6 21.8

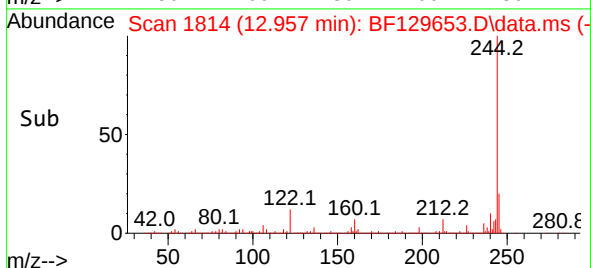
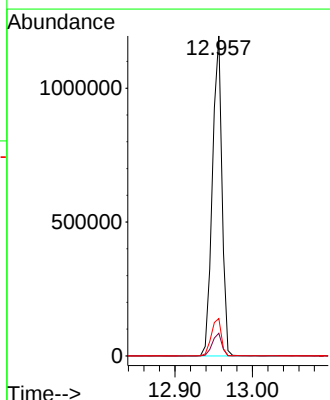
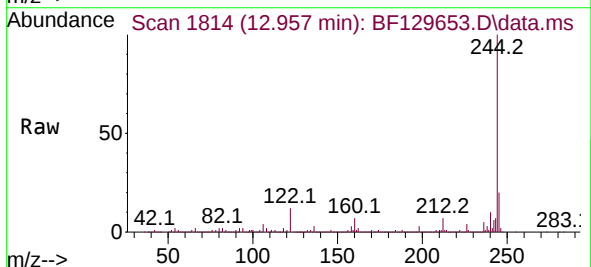
Manual Integrations
APPROVED

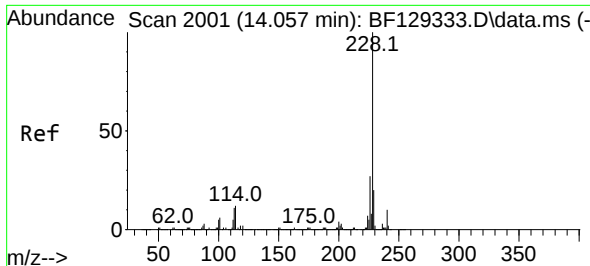
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#79
Terphenyl-d14
Concen: 68.627 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

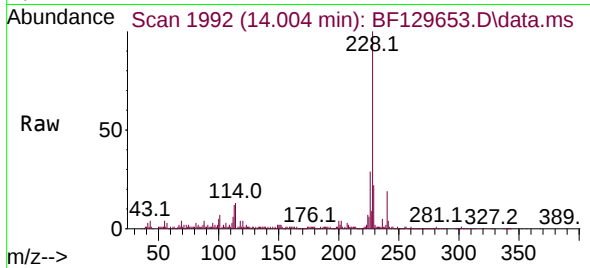
Tgt Ion:244 Resp: 1023376
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 11.7 8.8 13.2





#81
Benzo(a)anthracene
Concen: 5.779 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

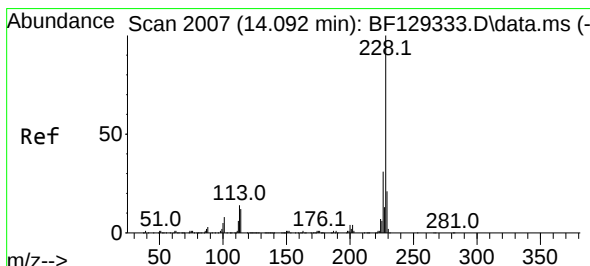
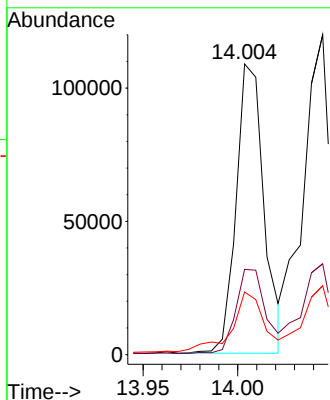
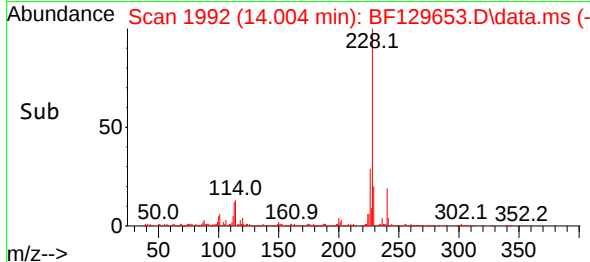
Instrument :
BNA_F
ClientSampleId :
RVE-223



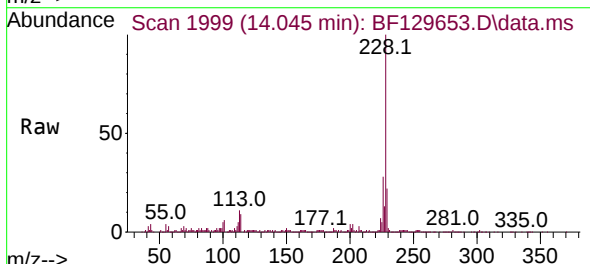
Tgt Ion:228 Resp: 111052
Ion Ratio Lower Upper
228 100
226 29.3 22.1 33.1
229 21.6 15.8 23.8

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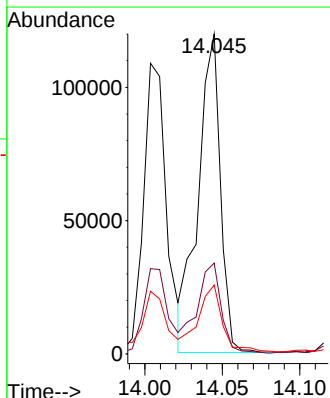
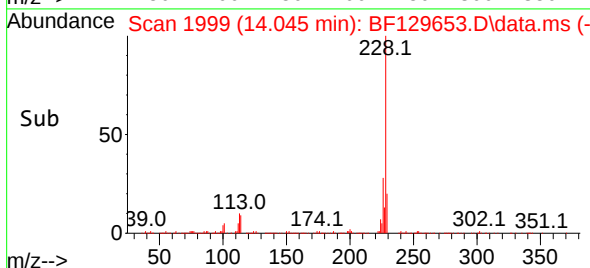
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

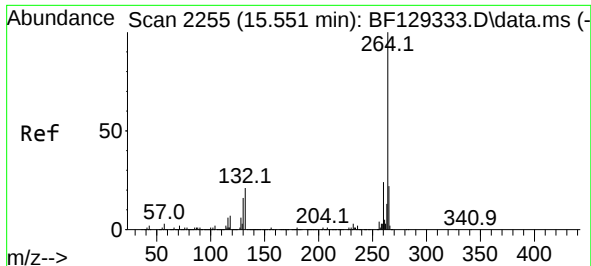


#83
Chrysene
Concen: 6.649 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18



Tgt Ion:228 Resp: 120419
Ion Ratio Lower Upper
228 100
226 28.4 24.3 36.5
229 21.5 15.9 23.9





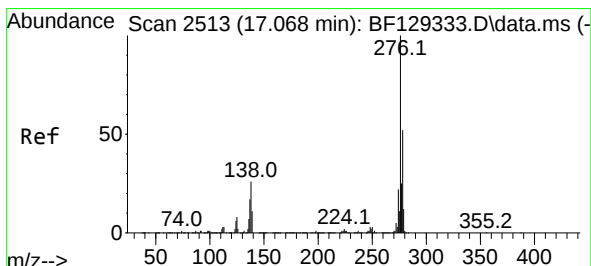
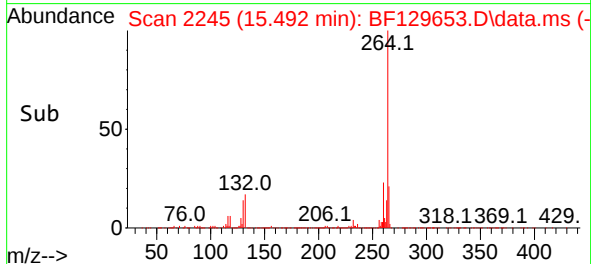
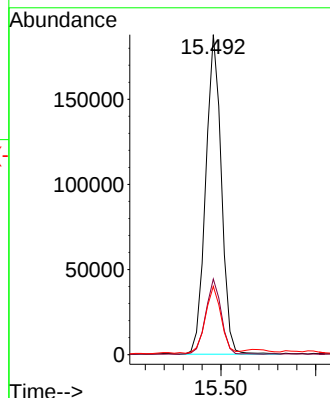
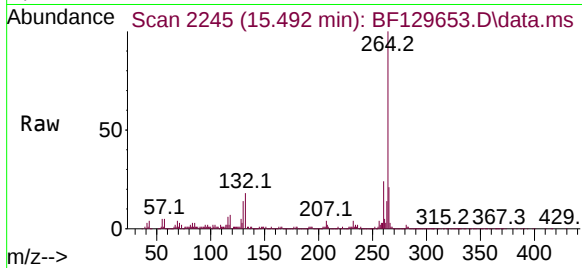
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 21562
 Delta R.T. -0.012 min
 Lab File: BF129653.D
 Acq: 09 Aug 2022 03:18

Instrument :
 BNA_F
 ClientSampleId :
 RVE-223

Tgt Ion:264 Resp: 21562
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.3 17.2 25.8

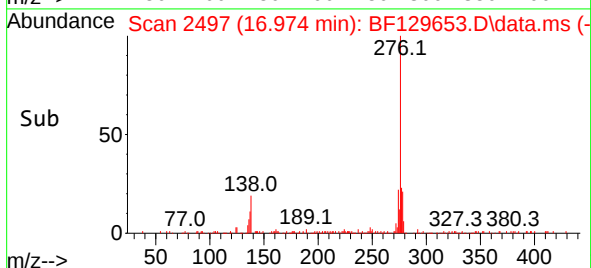
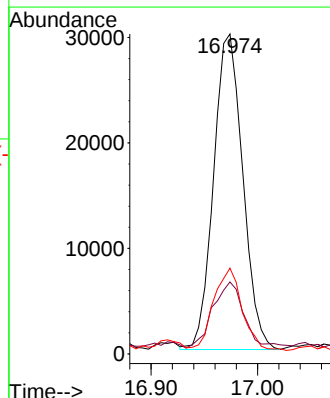
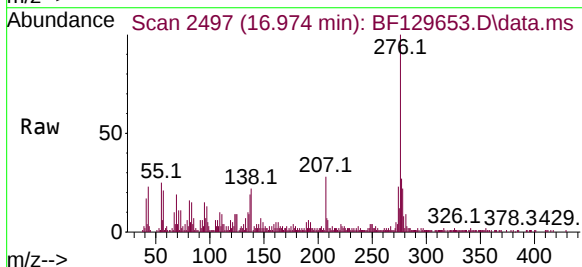
Manual Integrations
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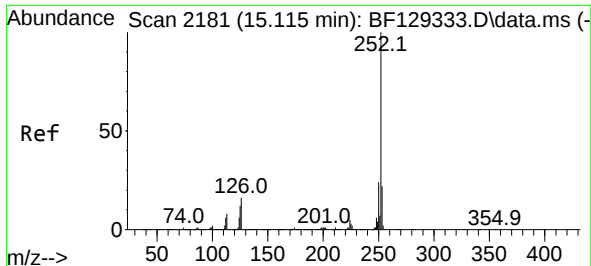
Reviewed By :Christian Giraldo 08/09/2022
 Supervised By :Jagrut Upadhyay 08/09/2022



#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.920 ng
 RT: 16.974 min Scan# 2497
 Delta R.T. -0.024 min
 Lab File: BF129653.D
 Acq: 09 Aug 2022 03:18

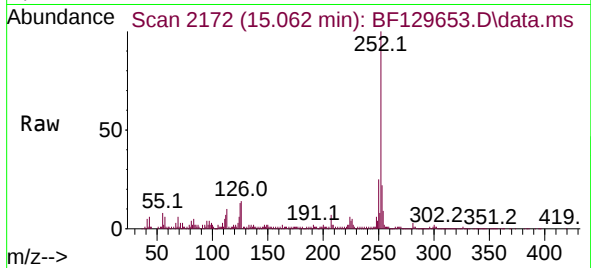
Tgt Ion:276 Resp: 56916
 Ion Ratio Lower Upper
 276 100
 138 22.6 21.1 31.7
 277 25.6 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 11.024 ng m
RT: 15.062 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

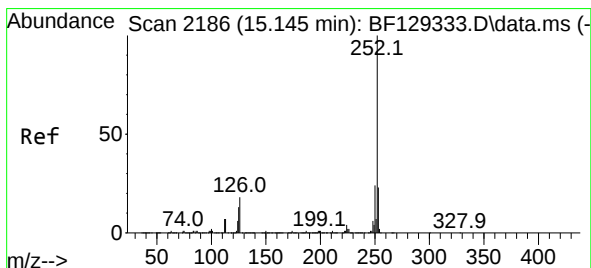
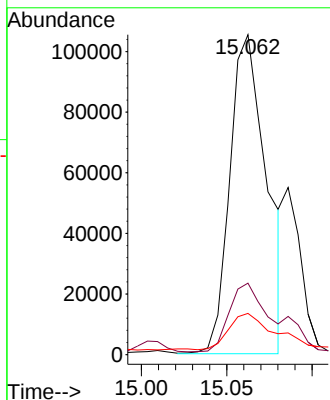
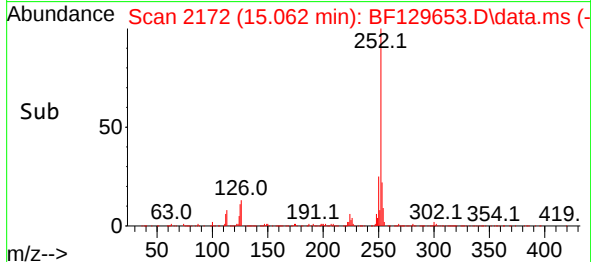
Instrument :
BNA_F
ClientSampleId :
RVE-223



Tgt Ion:252 Resp: 157680
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 12.9 8.0 12.0

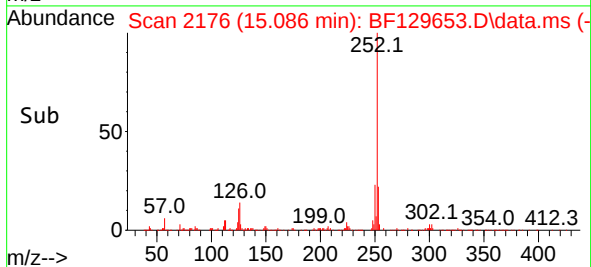
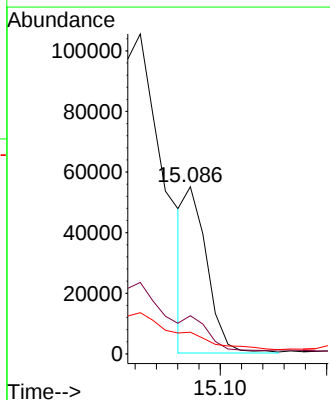
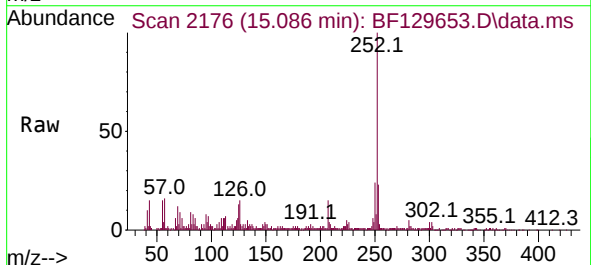
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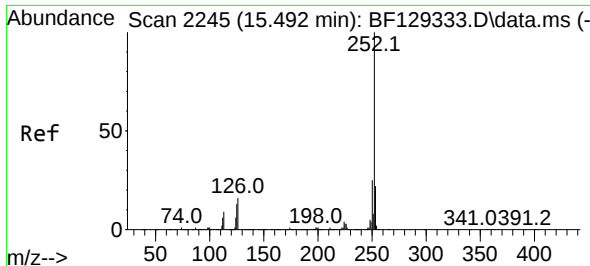
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#89
Benzo(k)fluoranthene
Concen: 2.842 ng m
RT: 15.086 min Scan# 2176
Delta R.T. -0.018 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

Tgt Ion:252 Resp: 39835
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 13.0 8.3 12.5





#90
Benzo(a)pyrene
Concen: 7.500 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

Instrument :

BNA_F

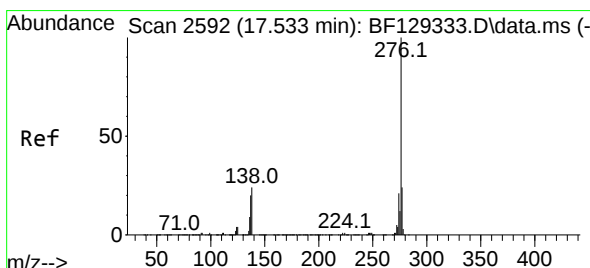
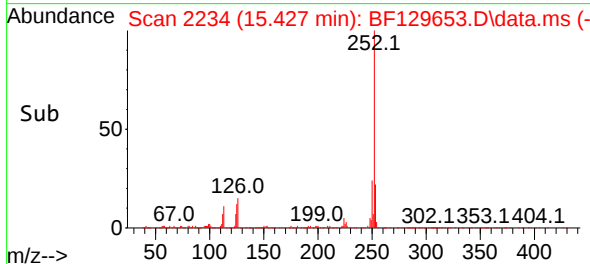
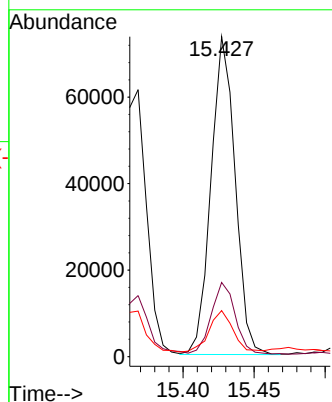
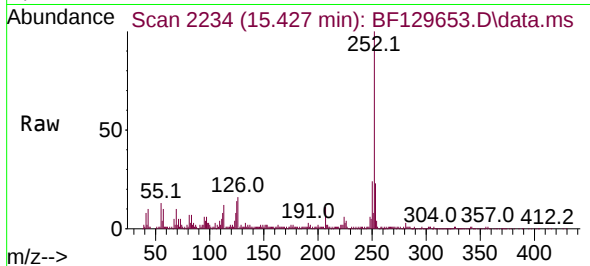
ClientSampleId :

RVE-223

Tgt Ion:252 Resp: 87075
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 14.4 8.8 13.2

Manual Integrations
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Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#92
Benzo(g,h,i)perylene
Concen: 4.654 ng
RT: 17.427 min Scan# 2574
Delta R.T. -0.024 min
Lab File: BF129653.D
Acq: 09 Aug 2022 03:18

Tgt Ion:276 Resp: 56204
Ion Ratio Lower Upper
276 100
277 25.2 19.1 28.7
138 25.2 18.0 27.0

