

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
 Data File : BF129652.D
 Acq On : 09 Aug 2022 02:44
 Operator : CG\JU
 Sample : N3963-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-222

Manual Integrations
 APPROVED

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

Quant Time: Aug 09 04:09:09 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	127539	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	479383	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	206405	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	293617	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	273327	20.000	ng	-0.01
86) Perylene-d12	15.492	264	199556	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	895518	114.381	ng	0.00
7) Phenol-d6	6.492	99	1096308	111.403	ng	-0.01
23) Nitrobenzene-d5	7.404	82	693800	79.005	ng	-0.02
42) 2,4,6-Tribromophenol	10.674	330	201751	101.667	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1177683	88.264	ng	-0.01
79) Terphenyl-d14	12.957	244	1018457	70.297	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	43014	2.684	ng	97
75) Fluoranthene	12.586	202	128993	7.943	ng	98
78) Pyrene	12.816	202	128271	5.612	ng	98
81) Benzo(a)anthracene	14.004	228	74170	3.972	ng	98
83) Chrysene	14.039	228	85041	4.833	ng	98
87) Indeno(1,2,3-cd)pyrene	16.968	276	39203	2.917	ng	97
88) Benzo(b)fluoranthene	15.057	252	103835m	7.844	ng	
89) Benzo(k)fluoranthene	15.080	252	37457m	2.888	ng	
90) Benzo(a)pyrene	15.427	252	60695	5.648	ng	# 94
92) Benzo(g,h,i)perylene	17.421	276	39840	3.565	ng	97

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

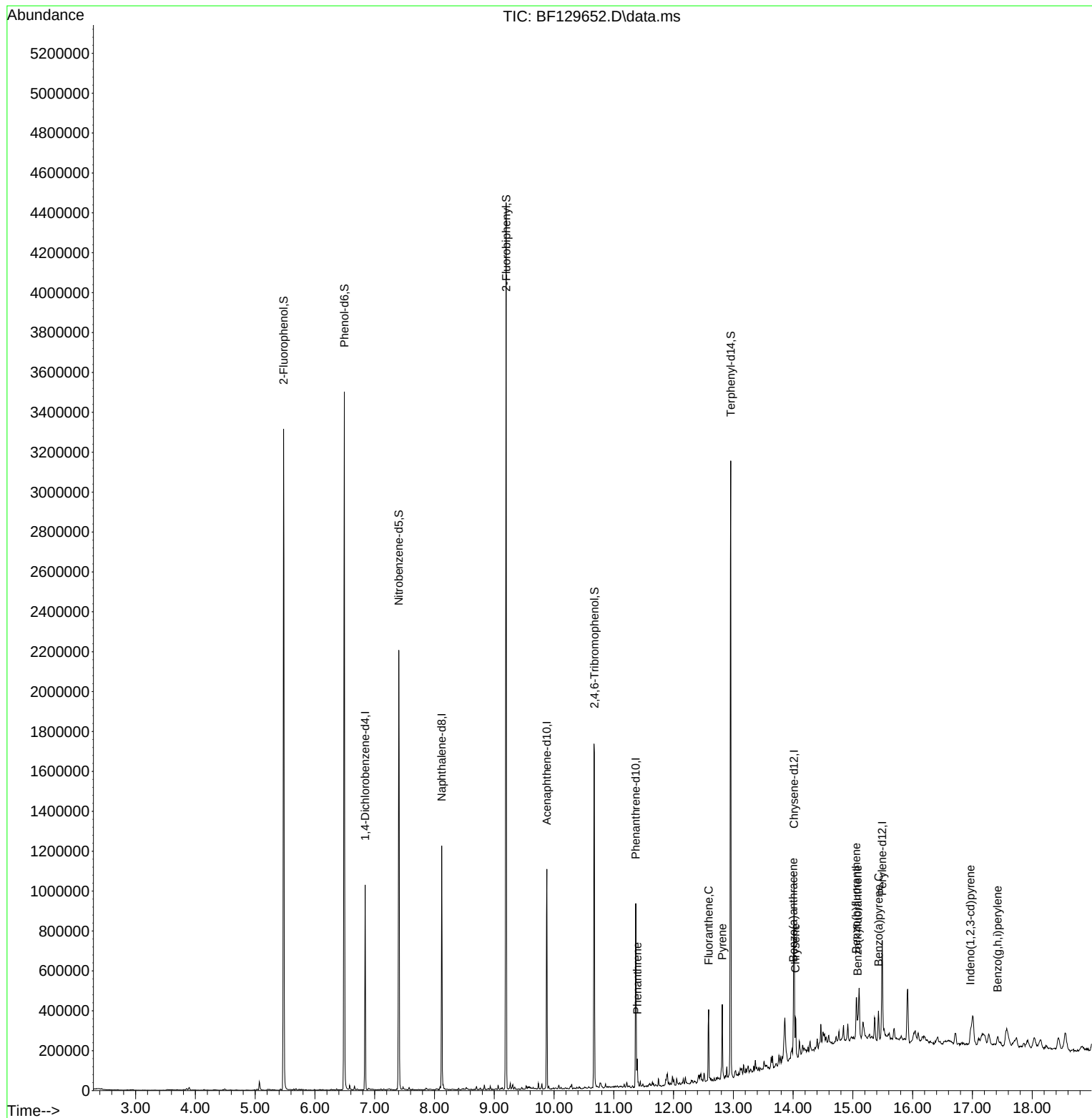
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080822\
Data File : BF129652.D
Acq On : 09 Aug 2022 02:44
Operator : CG\JU
Sample : N3963-18
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ALS Vial : 18 Sample Multiplier: 1

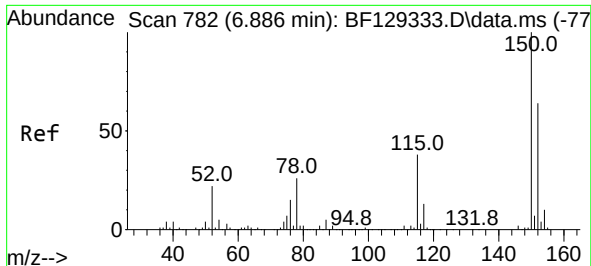
Instrument :
BNA_F
ClientSampleId :
RVE-222

Quant Time: Aug 09 04:09:09 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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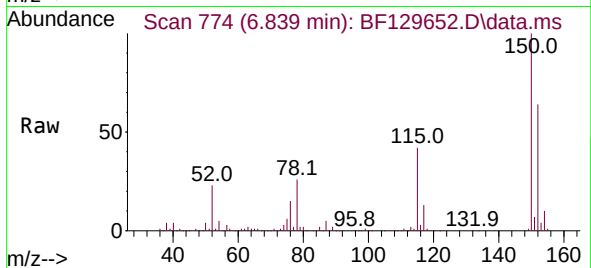
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44

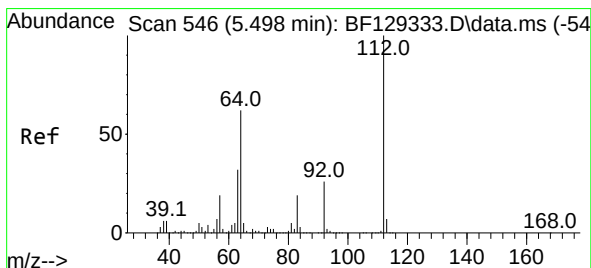
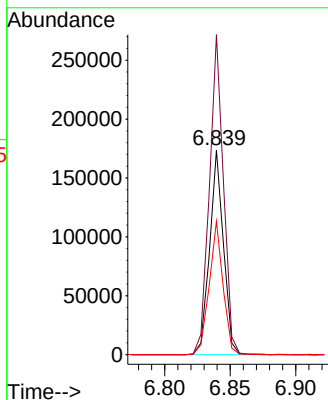
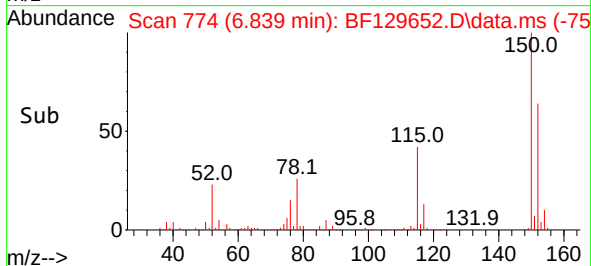
Instrument :
BNA_F
ClientSampleId :
RVE-222



Tgt Ion:152 Resp: 127539
Ion Ratio Lower Upper
152 100
150 156.4 123.7 185.5
115 65.2 49.9 74.9

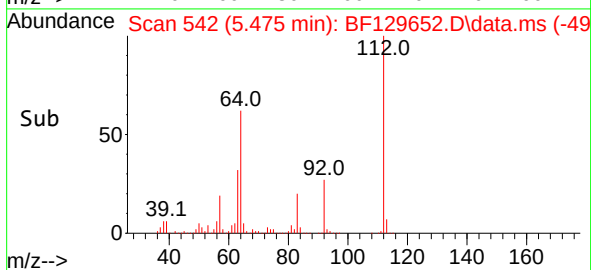
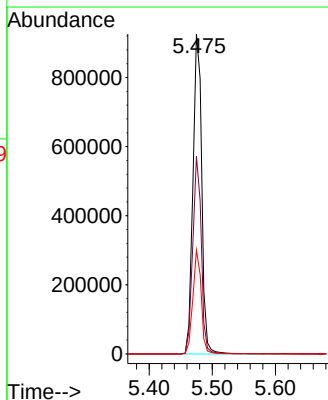
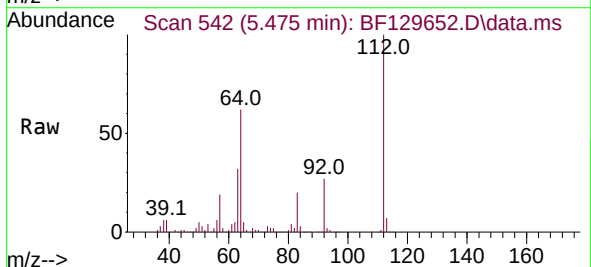
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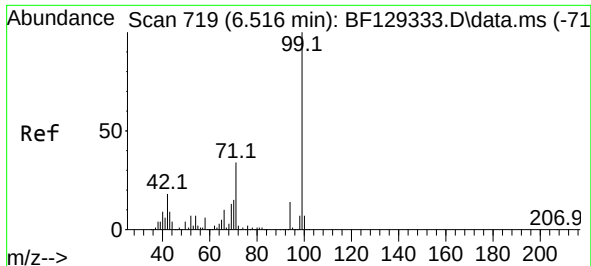
Reviewed By :Christian Giraldo 08/09/2022
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#5
2-Fluorophenol
Concen: 114.381 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44

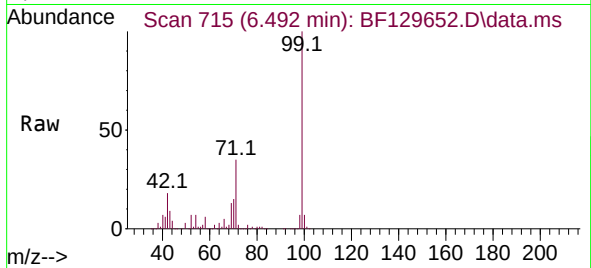
Tgt Ion:112 Resp: 895518
Ion Ratio Lower Upper
112 100
64 61.7 53.3 79.9
63 32.4 28.0 42.0





#7
Phenol-d6
Concen: 111.403 ng
RT: 6.492 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44

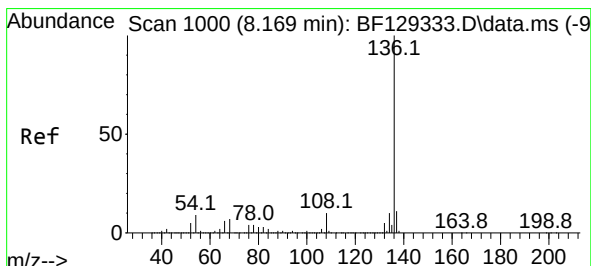
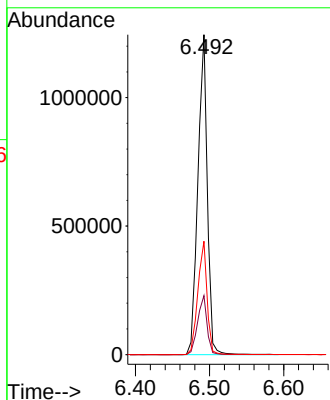
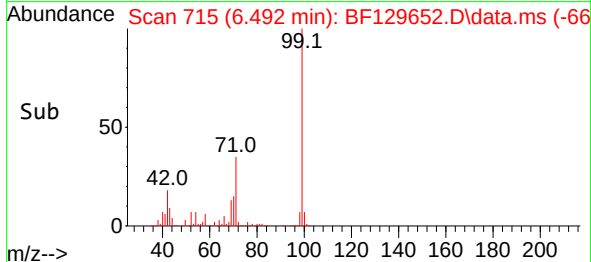
Instrument :
BNA_F
ClientSampleId :
RVE-222



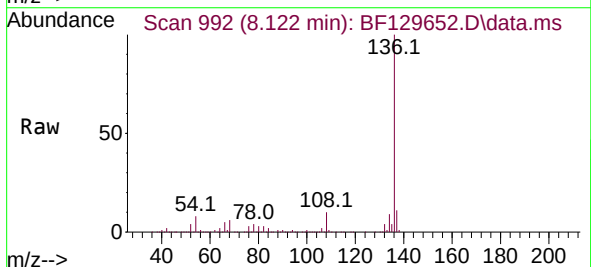
Tgt Ion: 99 Resp: 1096308
Ion Ratio Lower Upper
99 100
42 18.4 17.3 25.9
71 35.4 28.9 43.3

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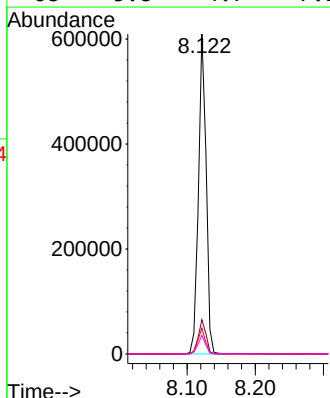
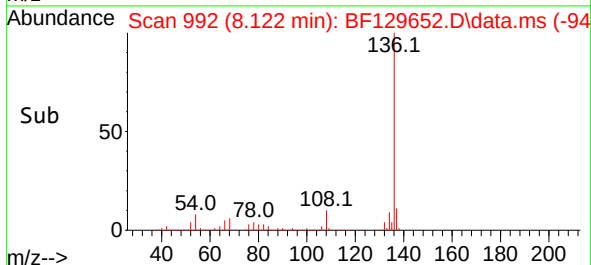
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

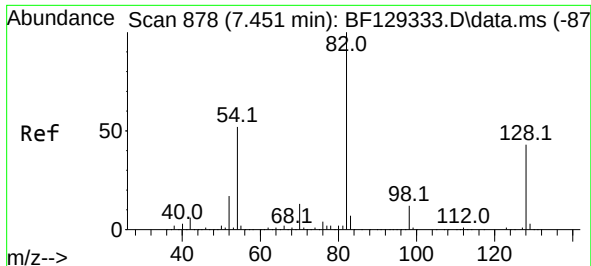


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 992
Delta R.T. -0.012 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44



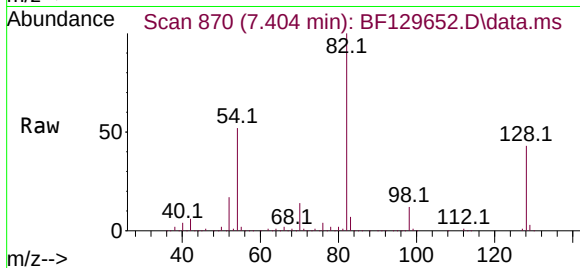
Tgt Ion:136 Resp: 479383
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.0 7.5 11.3
68 5.8 4.7 7.1





#23
Nitrobenzene-d5
Concen: 79.005 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44

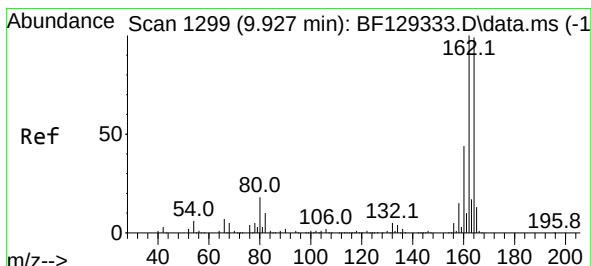
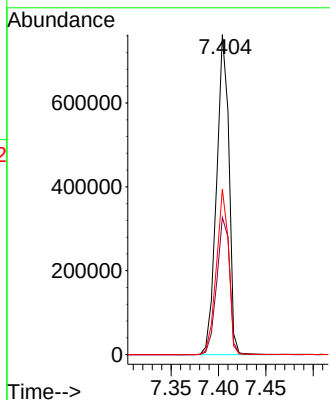
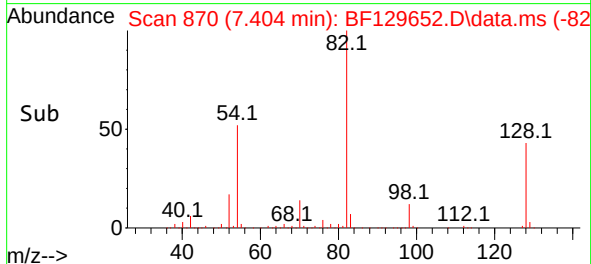
Instrument :
BNA_F
ClientSampleId :
RVE-222



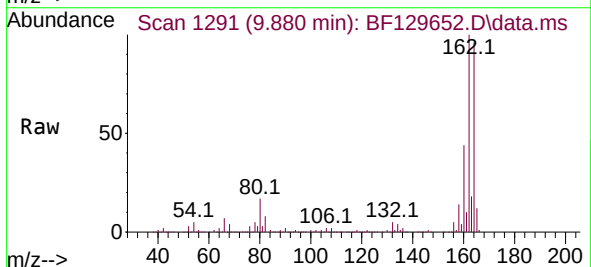
Tgt Ion: 82 Resp: 693800
Ion Ratio Lower Upper
82 100
128 42.9 34.0 51.0
54 51.7 46.9 70.3

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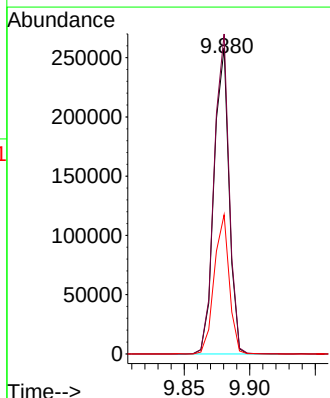
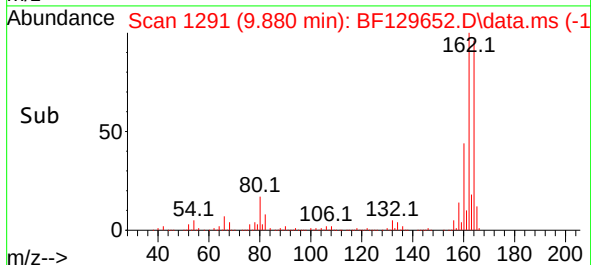
Reviewed By :Christian Giraldo 08/09/2022
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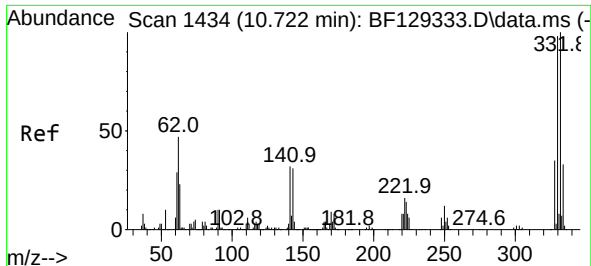


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44



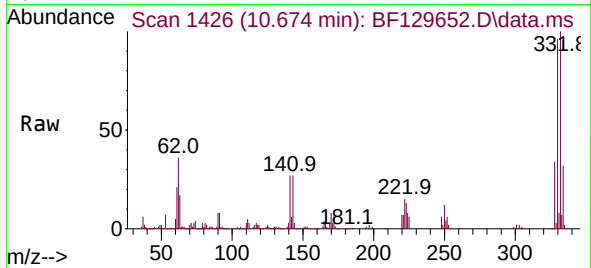
Tgt Ion:164 Resp: 206405
Ion Ratio Lower Upper
164 100
162 104.6 79.5 119.3
160 45.5 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 101.667 ng
RT: 10.674 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44

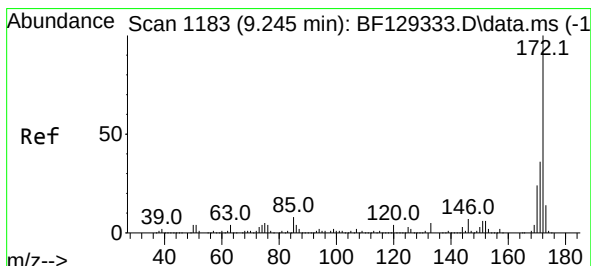
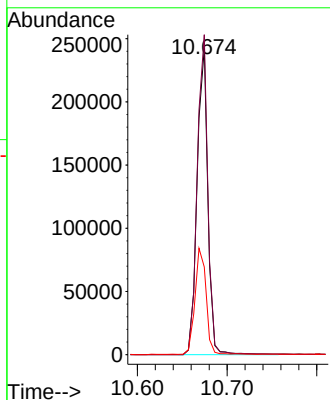
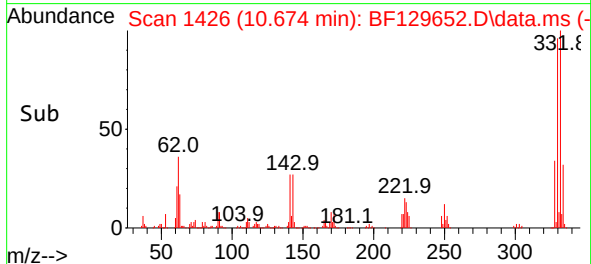
Instrument :
BNA_F
ClientSampleId :
RVE-222



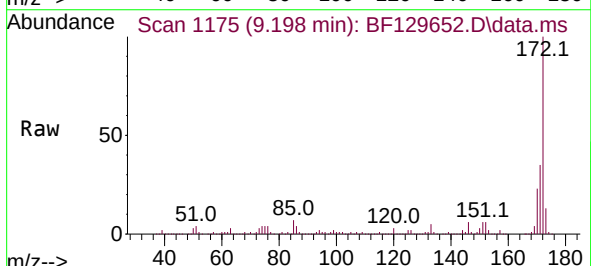
Tgt Ion: 330 Resp: 20175
Ion Ratio Lower Upper
330 100
332 103.9 76.8 115.2
141 35.7 28.0 42.0

Manual Integrations
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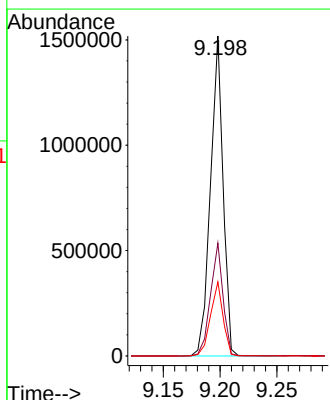
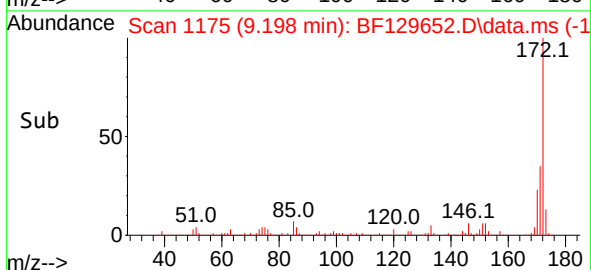
Reviewed By : Christian Giraldo 08/09/2022
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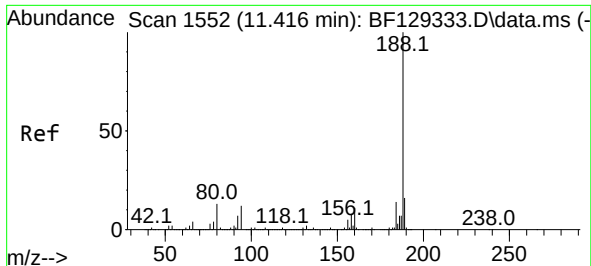


#45
2-Fluorobiphenyl
Concen: 88.264 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44



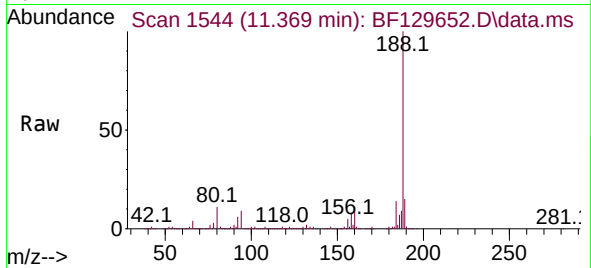
Tgt Ion: 172 Resp: 1177683
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.1 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44

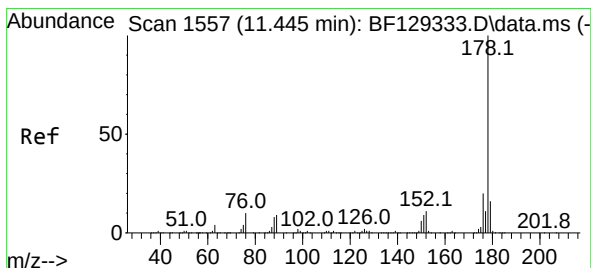
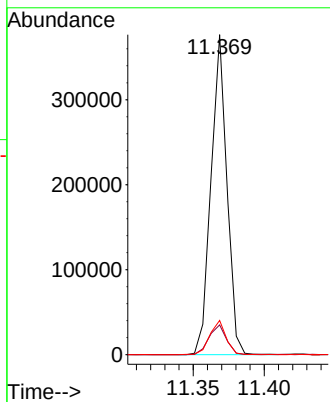
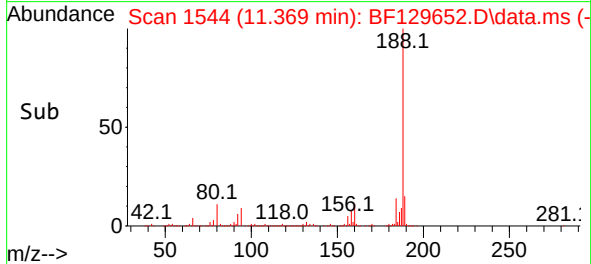
Instrument :
BNA_F
ClientSampleId :
RVE-222



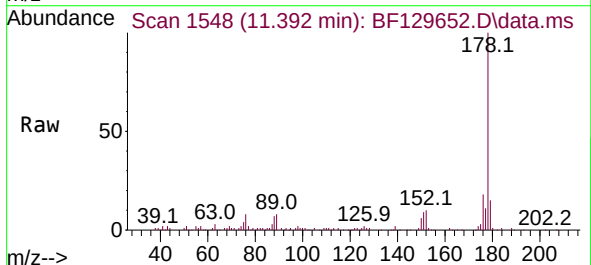
Tgt Ion:188 Resp: 29361
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 10.7 7.6 11.4

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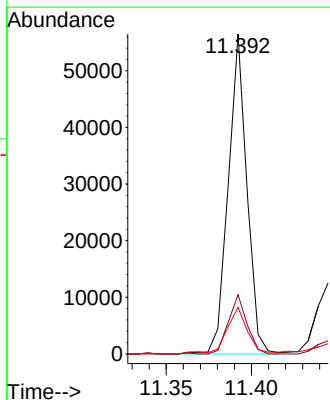
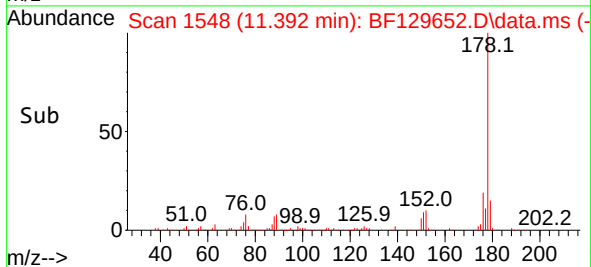
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

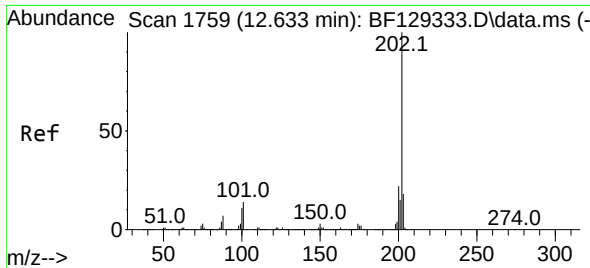


#71
Phenanthrene
Concen: 2.684 ng
RT: 11.392 min Scan# 1548
Delta R.T. -0.018 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44



Tgt Ion:178 Resp: 43014
Ion Ratio Lower Upper
178 100
176 18.5 16.0 24.0
179 14.5 12.6 19.0





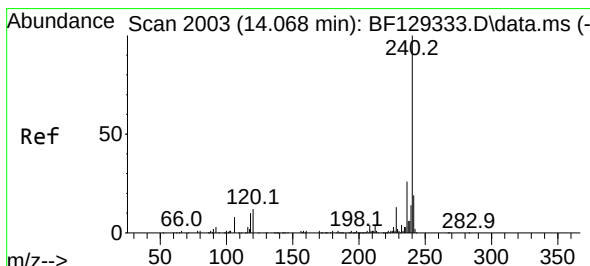
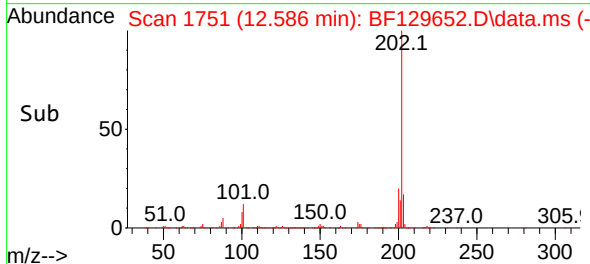
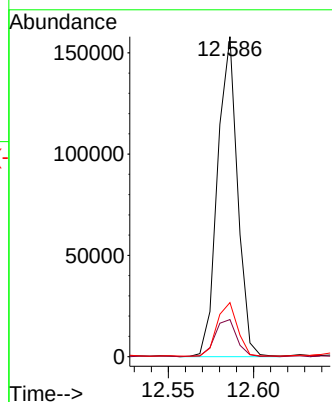
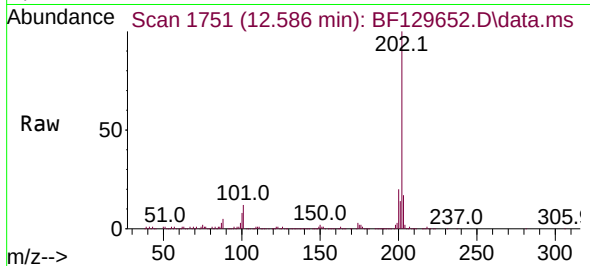
#75
Fluoranthene
Concen: 7.943 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44

Instrument :
BNA_F
ClientSampleId :
RVE-222

Tgt Ion:202 Resp: 128993
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 16.9 0.0 38.0

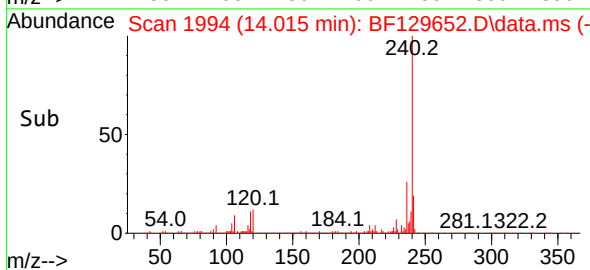
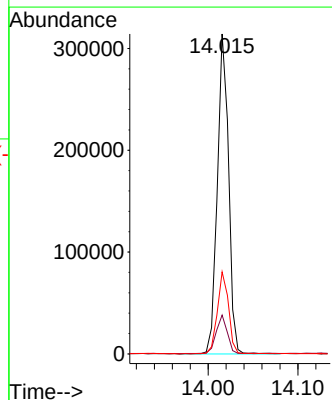
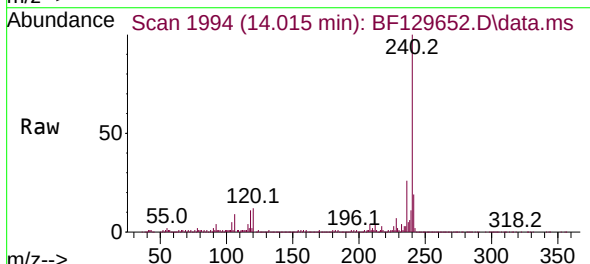
Manual Integrations
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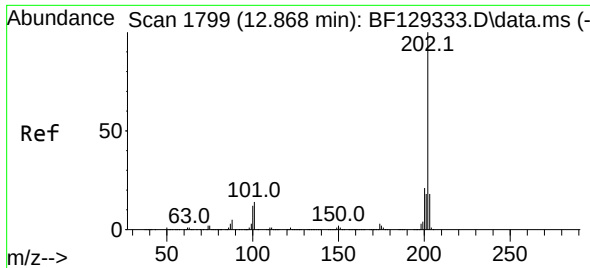
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44

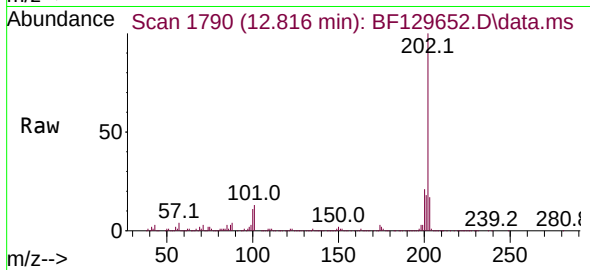
Tgt Ion:240 Resp: 273327
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 25.6 20.8 31.2





#78
Pyrene
Concen: 5.612 ng
RT: 12.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44

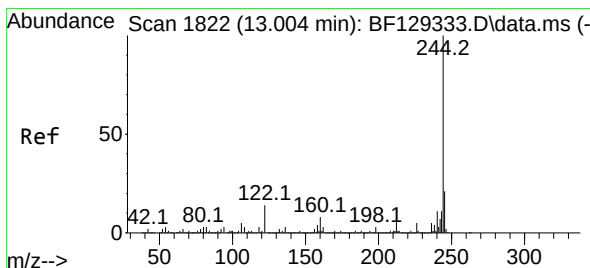
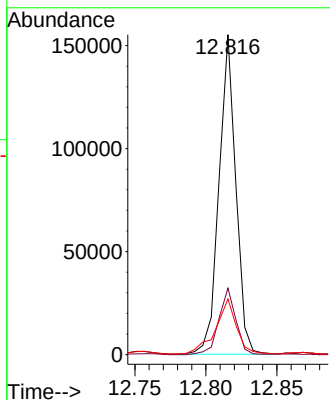
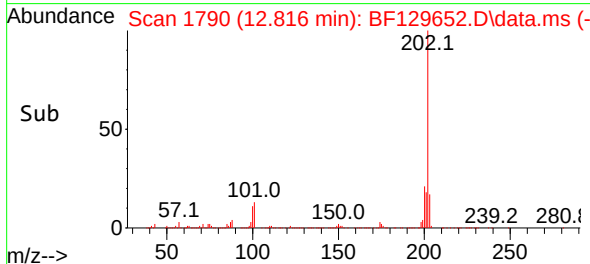
Instrument :
BNA_F
ClientSampleId :
RVE-222



Tgt Ion:202 Resp: 12827
Ion Ratio Lower Upper
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203 17.4 14.6 21.8

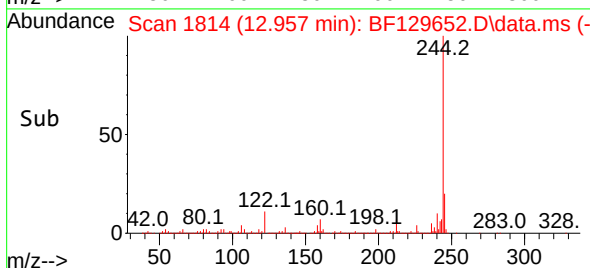
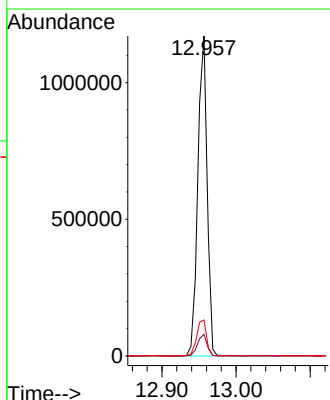
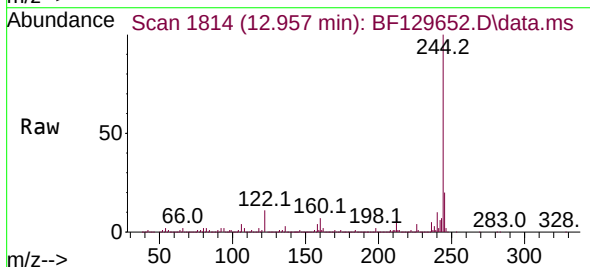
Manual Integrations
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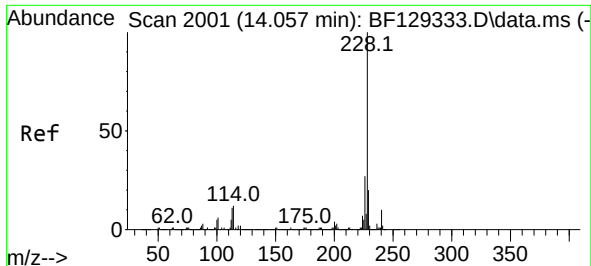
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#79
Terphenyl-d14
Concen: 70.297 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44

Tgt Ion:244 Resp: 1018457
Ion Ratio Lower Upper
244 100
212 6.8 6.1 9.1
122 11.2 8.8 13.2





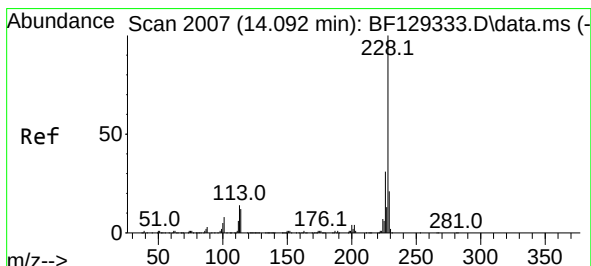
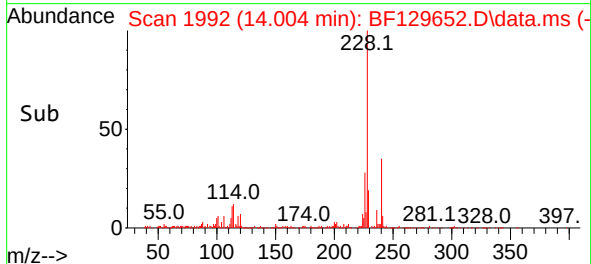
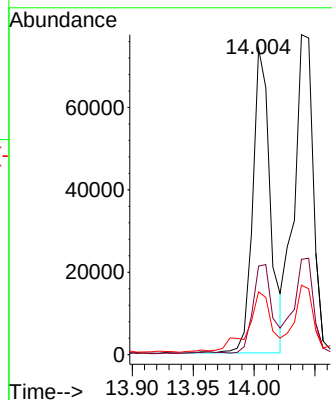
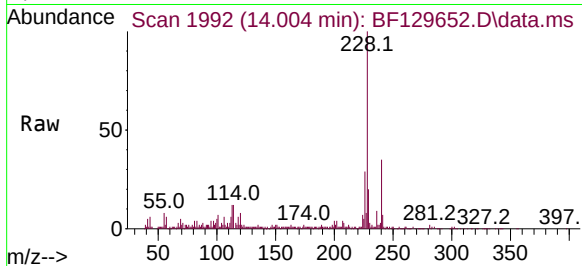
#81
Benzo(a)anthracene
Concen: 3.972 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.012 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44

Instrument :
BNA_F
ClientSampleId :
RVE-222

Tgt Ion:228 Resp: 74176
Ion Ratio Lower Upper
228 100
226 28.9 22.1 33.1
229 20.5 15.8 23.8

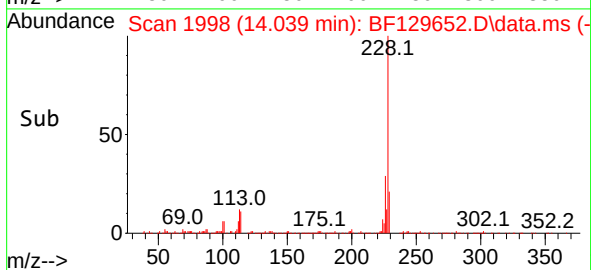
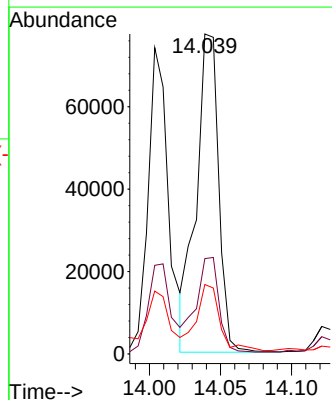
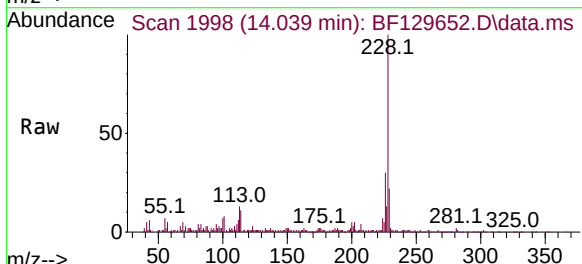
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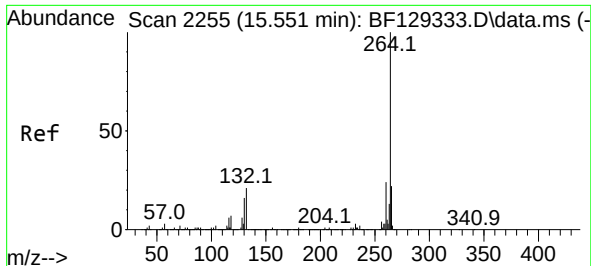
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#83
Chrysene
Concen: 4.833 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44

Tgt Ion:228 Resp: 85041
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 21.7 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: BF129652.D
Acq: 09 Aug 2022 02:44

Instrument :

BNA_F

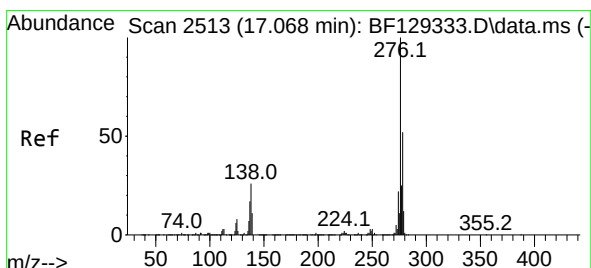
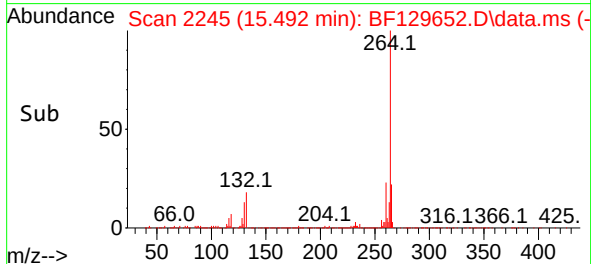
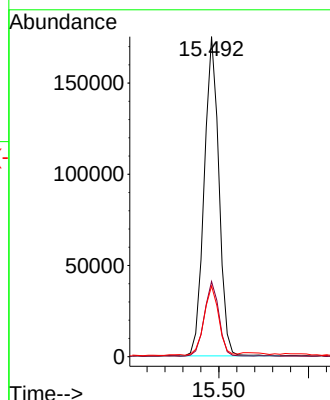
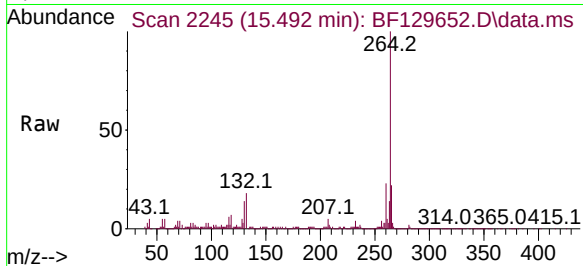
ClientSampleId :

RVE-222

Tgt Ion:264 Resp: 199556
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 22.1 17.2 25.8

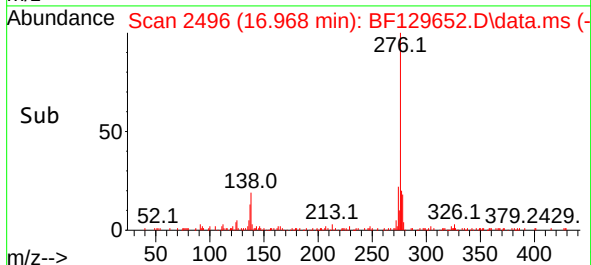
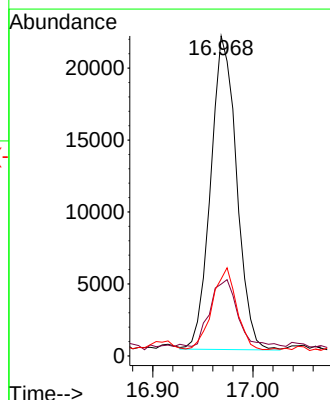
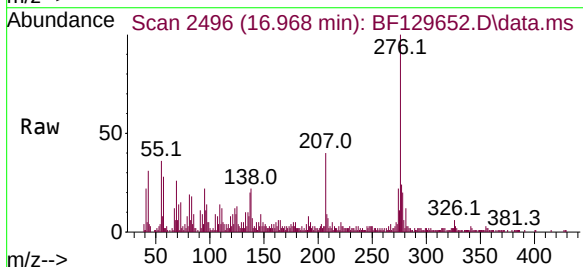
Manual Integrations
APPROVED

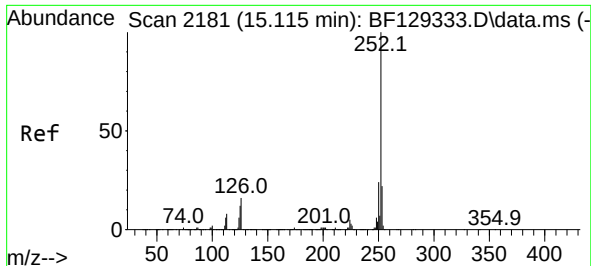
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.917 ng
RT: 16.968 min Scan# 2496
Delta R.T. -0.030 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44

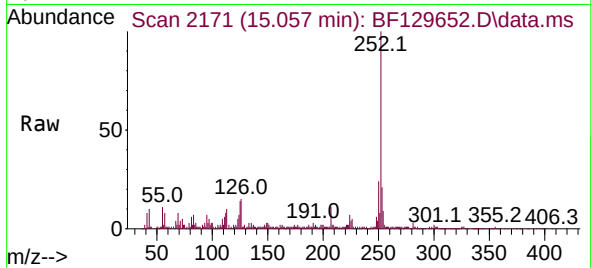
Tgt Ion:276 Resp: 39203
Ion Ratio Lower Upper
276 100
138 24.3 21.1 31.7
277 25.9 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 7.844 ng m
RT: 15.057 min Scan# 2171
Delta R.T. -0.012 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44

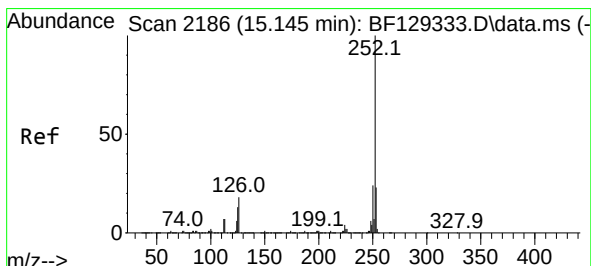
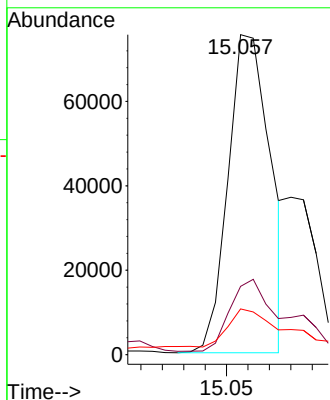
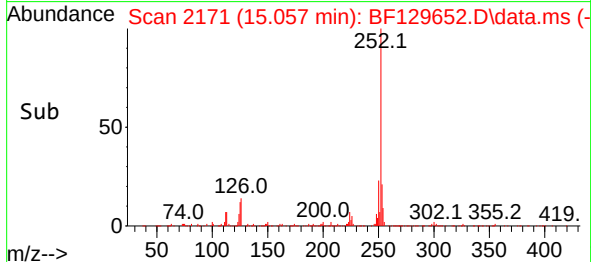
Instrument :
BNA_F
ClientSampleId :
RVE-222



Tgt Ion:252 Resp: 103835
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 14.3 8.0 12.0

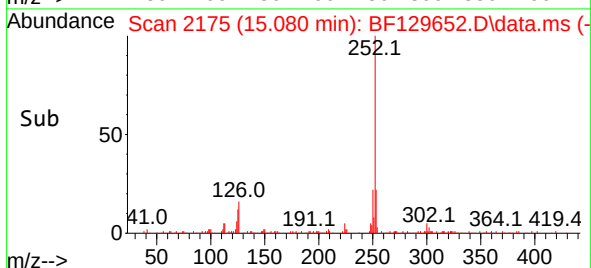
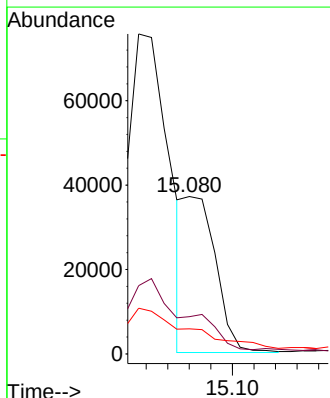
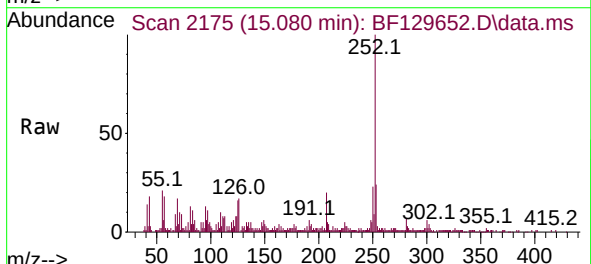
Manual Integrations
APPROVED

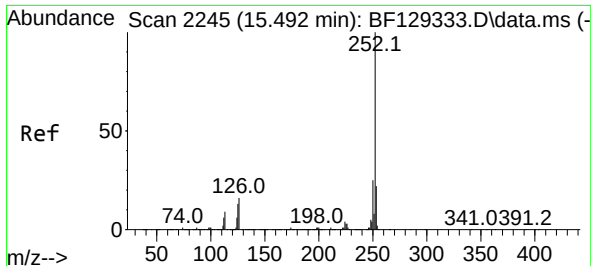
Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022



#89
Benzo(k)fluoranthene
Concen: 2.888 ng m
RT: 15.080 min Scan# 2175
Delta R.T. -0.024 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44

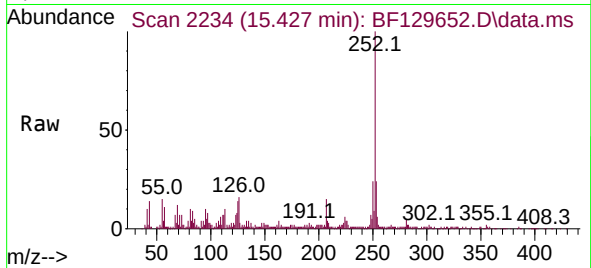
Tgt Ion:252 Resp: 37457
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.6
125 15.9 8.3 12.5





#90
Benzo(a)pyrene
Concen: 5.648 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44

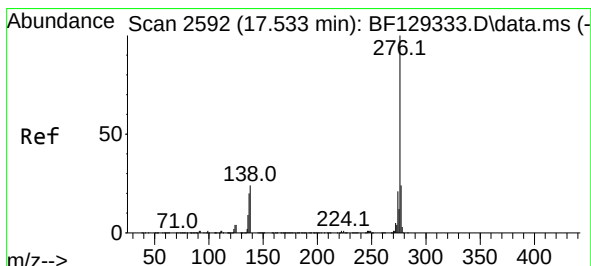
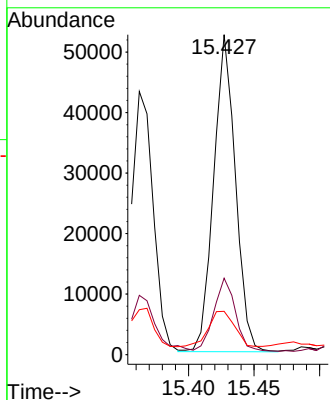
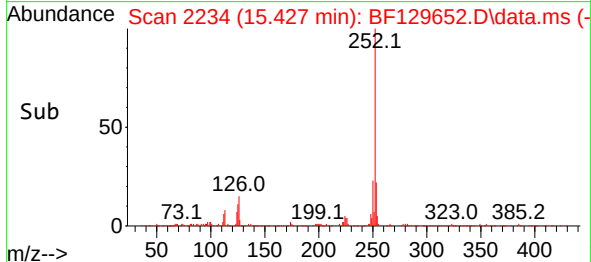
Instrument :
BNA_F
ClientSampleId :
RVE-222



Tgt Ion: 252 Resp: 60695
Ion Ratio Lower Upper
252 100
253 23.9 17.0 25.6
125 13.5 8.8 13.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 3.565 ng
RT: 17.421 min Scan# 2573
Delta R.T. -0.030 min
Lab File: BF129652.D
Acq: 09 Aug 2022 02:44

Tgt Ion: 276 Resp: 39840
Ion Ratio Lower Upper
276 100
277 26.6 19.1 28.7
138 22.3 18.0 27.0

