

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
 Data File : BF129584.D
 Acq On : 04 Aug 2022 23:12
 Operator : CG\JU
 Sample : N3931-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-118

Manual Integrations
 APPROVED

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

Quant Time: Aug 05 02:10:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 02:05:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	167788	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	618657	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	279294	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	399579	20.000	ng	0.00
76) Chrysene-d12	14.033	240	307621	20.000	ng	0.00
86) Perylene-d12	15.515	264	254664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	855948	83.101	ng	0.00
7) Phenol-d6	6.510	99	1029258	79.500	ng	0.00
23) Nitrobenzene-d5	7.422	82	685048	60.447	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	209128	77.882	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1168055	64.696	ng	0.00
79) Terphenyl-d14	12.969	244	930236	57.050	ng	-0.01
Target Compounds						Qvalue
62) 4-Nitroaniline	10.457	138	13518	2.674	ng	95
71) Phenanthrene	11.410	178	76330	3.499	ng	96
75) Fluoranthene	12.598	202	119826	5.422	ng	99
78) Pyrene	12.833	202	163054	6.339	ng	98
81) Benzo(a)anthracene	14.021	228	63598m	3.027	ng	
83) Chrysene	14.057	228	85790	4.332	ng	98
88) Benzo(b)fluoranthene	15.074	252	85405m	5.056	ng	
90) Benzo(a)pyrene	15.451	252	51786	3.776	ng	# 95

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

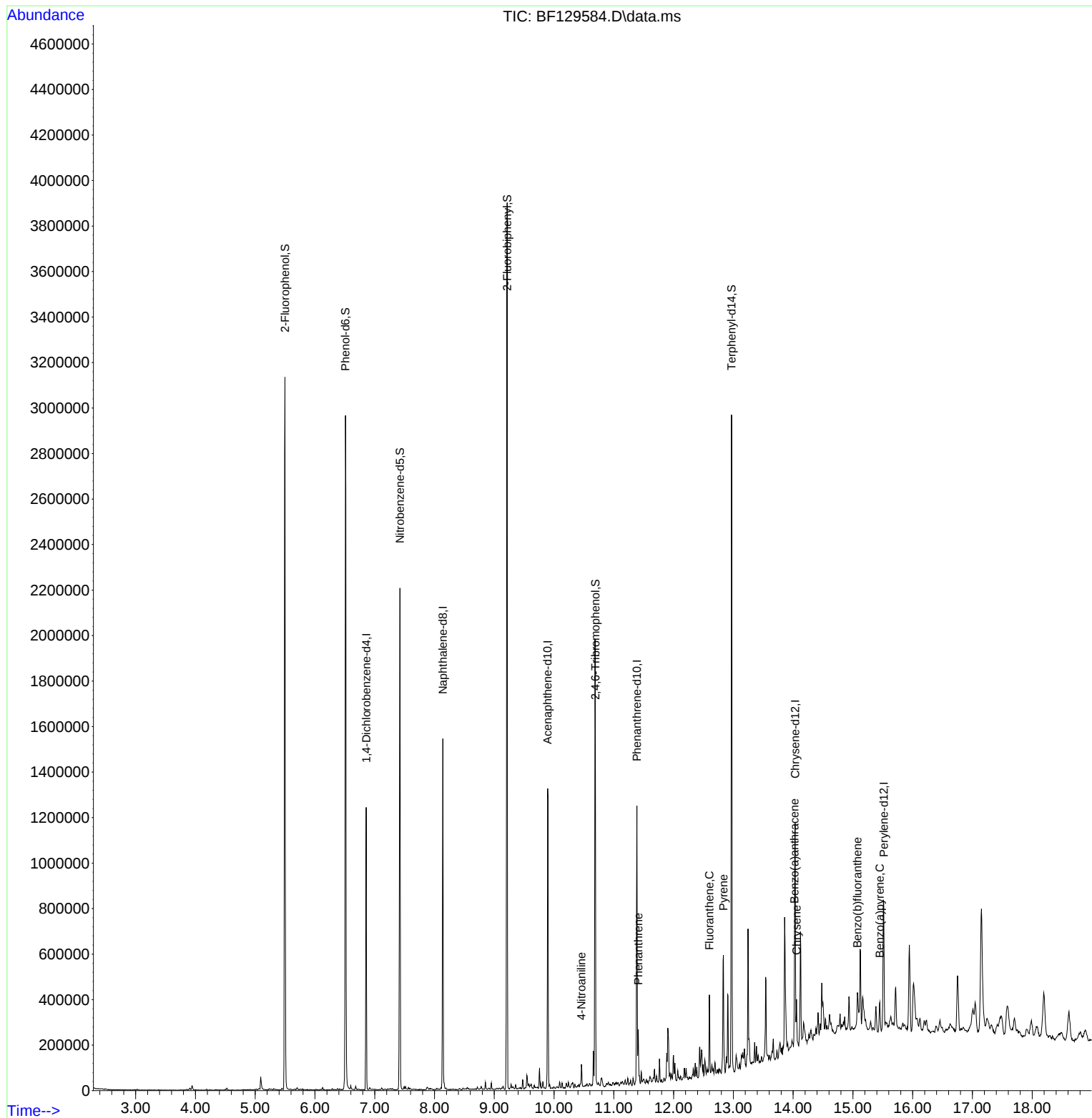
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080422\
Data File : BF129584.D
Acq On : 04 Aug 2022 23:12
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ALS Vial : 14 Sample Multiplier: 1

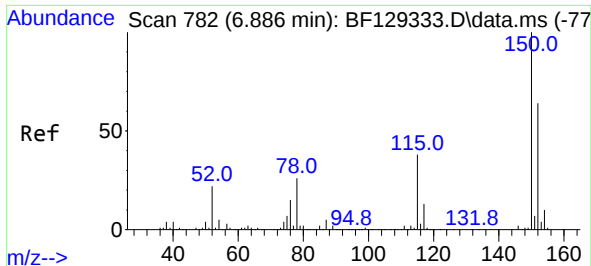
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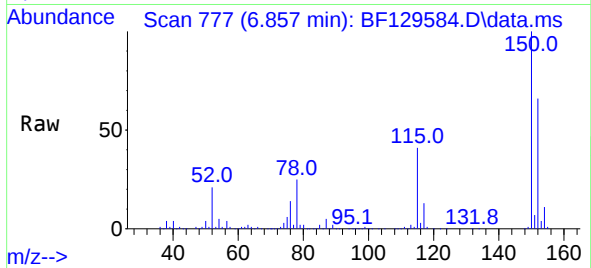
Quant Time: Aug 05 02:10:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 02:05:37 2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

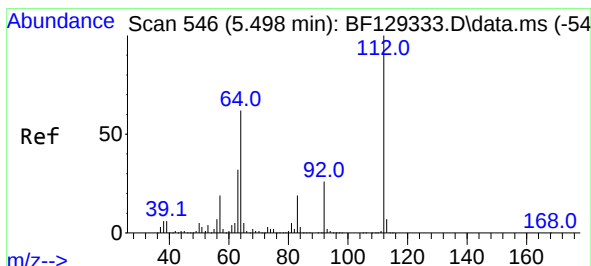
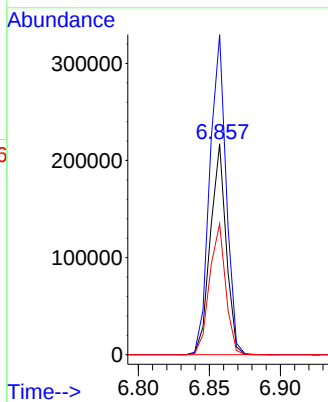
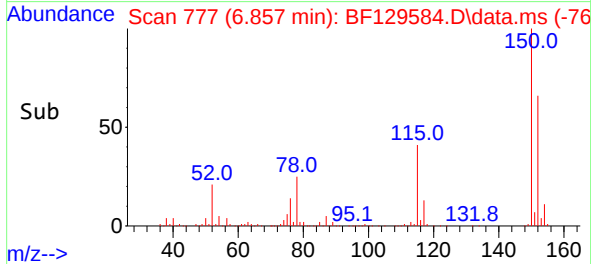
Instrument :
BNA_F
ClientSampleId :
RVE-118



Tgt Ion:152 Resp: 167788
Ion Ratio Lower Upper
152 100
150 151.7 123.7 185.5
115 62.1 49.9 74.9

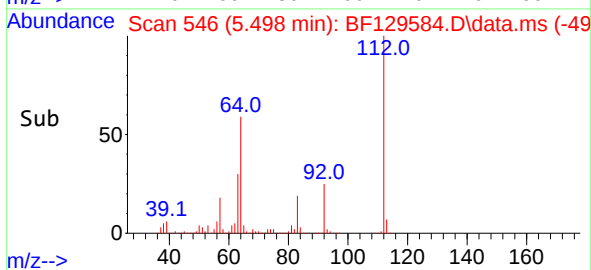
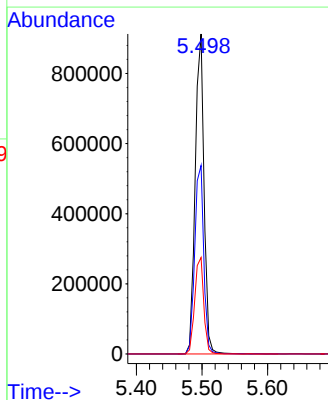
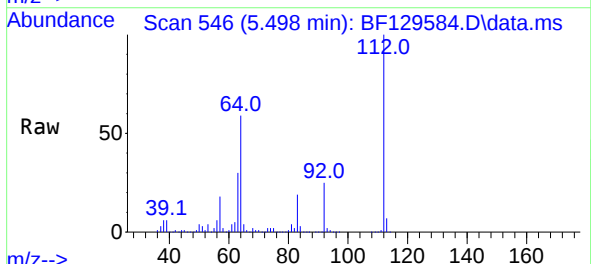
Manual Integrations
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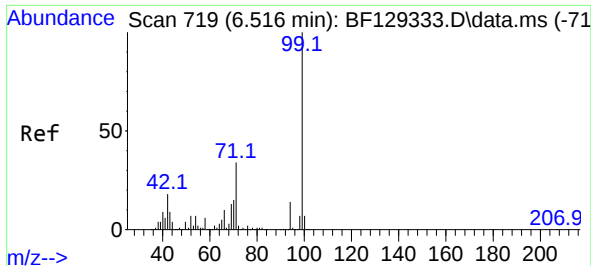
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#5
2-Fluorophenol
Concen: 83.101 ng
RT: 5.498 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

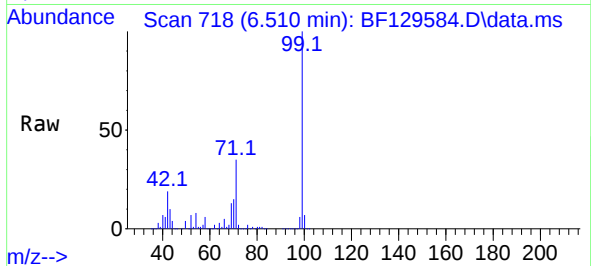
Tgt Ion:112 Resp: 855948
Ion Ratio Lower Upper
112 100
64 58.9 53.3 79.9
63 30.2 28.0 42.0





#7
Phenol-d6
Concen: 79.500 ng
RT: 6.510 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

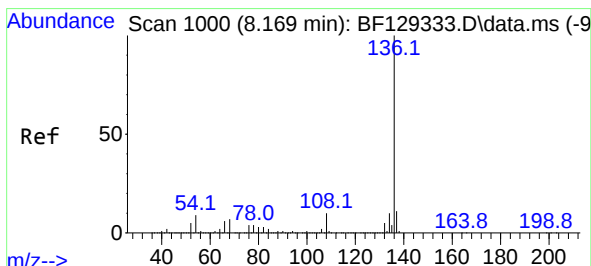
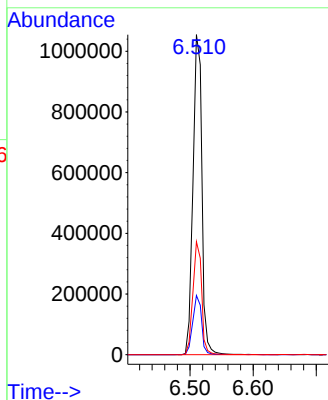
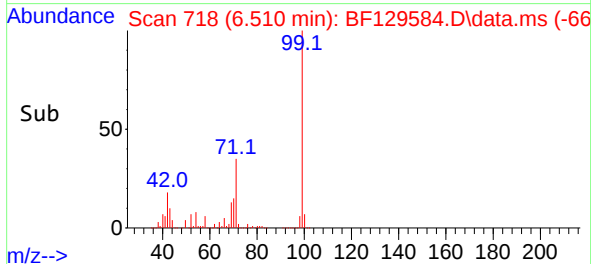
Instrument :
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ClientSampleId :
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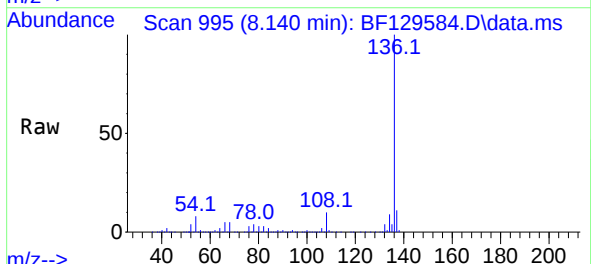
Tgt Ion: 99 Resp: 1029258
Ion Ratio Lower Upper
99 100
42 18.5 17.3 25.9
71 35.3 28.9 43.3

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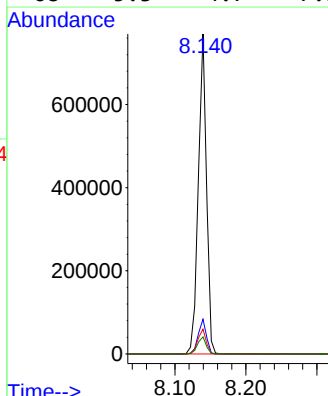
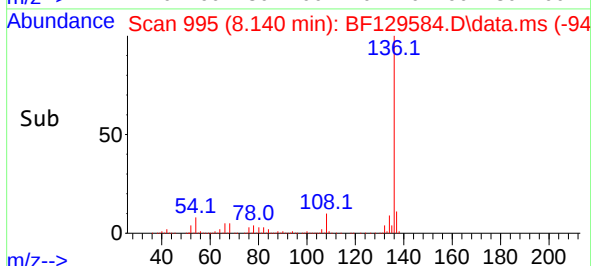
Reviewed By :Christian Giraldo 08/05/2022
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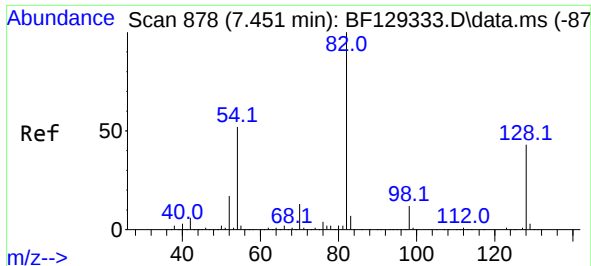


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12



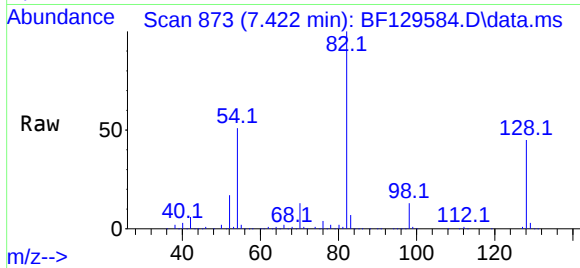
Tgt Ion:136 Resp: 618657
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 7.5 11.3
68 5.3 4.7 7.1





#23
Nitrobenzene-d5
Concen: 60.447 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

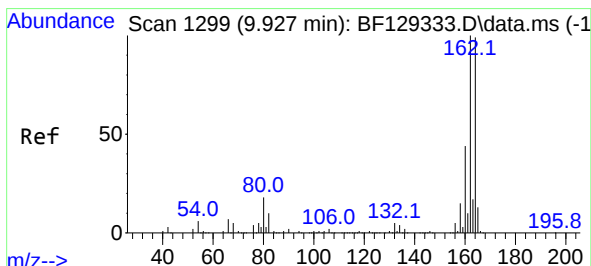
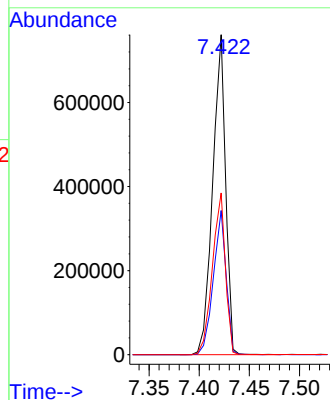
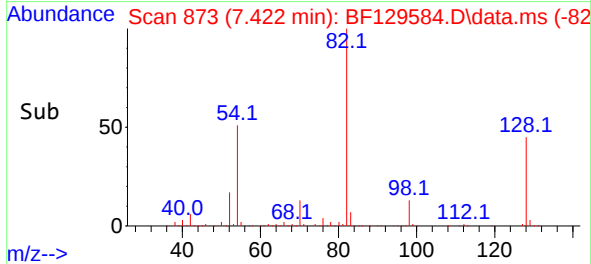
Instrument :
BNA_F
ClientSampleId :
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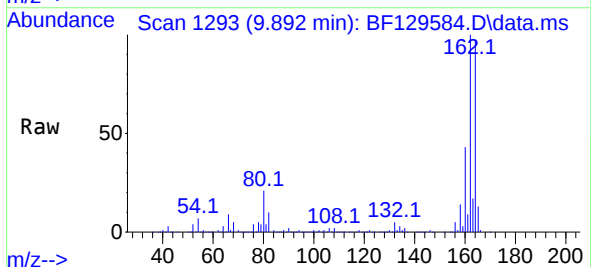
Tgt Ion: 82 Resp: 685048
Ion Ratio Lower Upper
82 100
128 45.1 34.0 51.0
54 50.6 46.9 70.3

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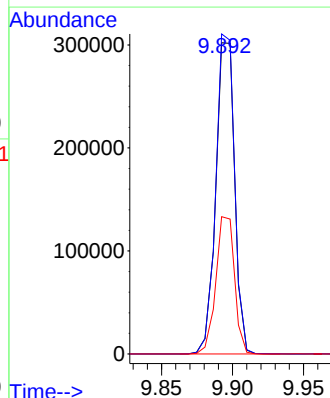
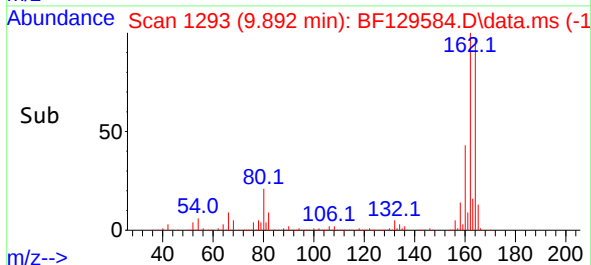
Reviewed By :Christian Giraldo 08/05/2022
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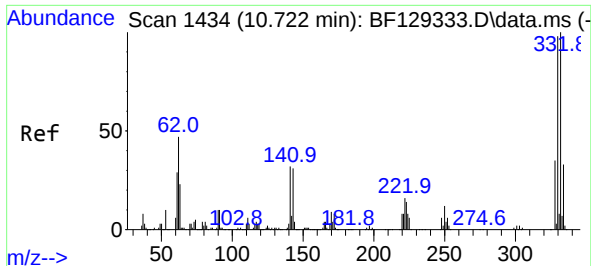


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12



Tgt Ion:164 Resp: 279294
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 44.1 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 77.882 ng
RT: 10.692 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

Instrument :

BNA_F

ClientSampleId :

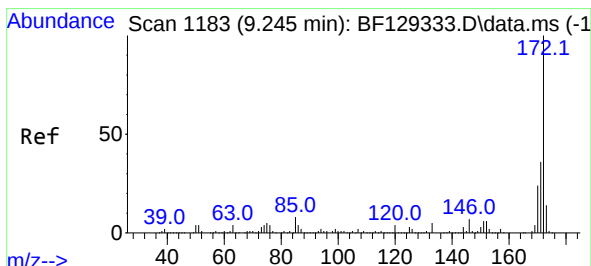
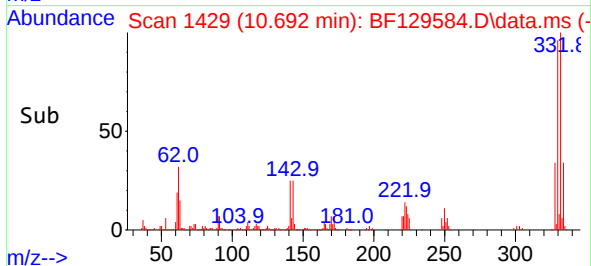
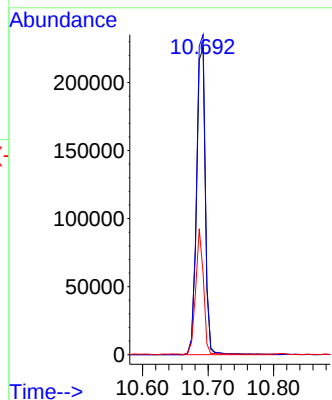
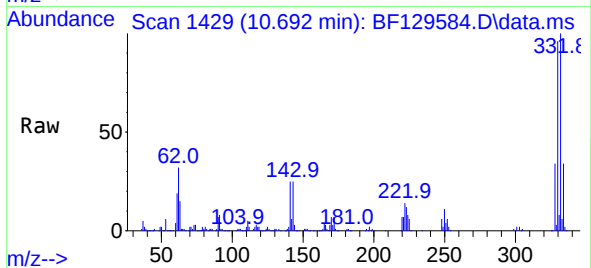
RVE-118

Tgt Ion:330 Resp: 209128
Ion Ratio Lower Upper
330 100
332 104.2 76.8 115.2
141 36.6 28.0 42.0

Manual Integrations

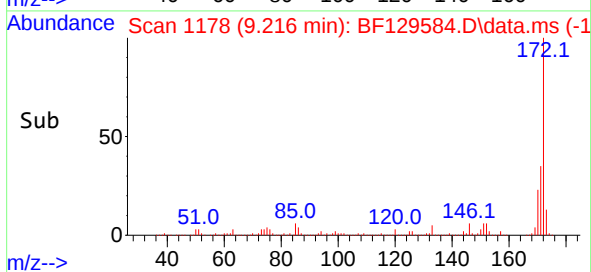
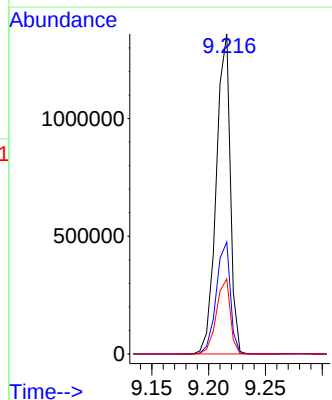
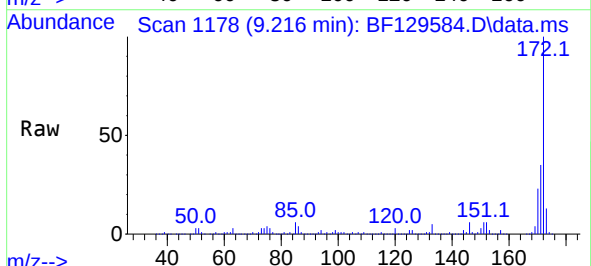
APPROVED

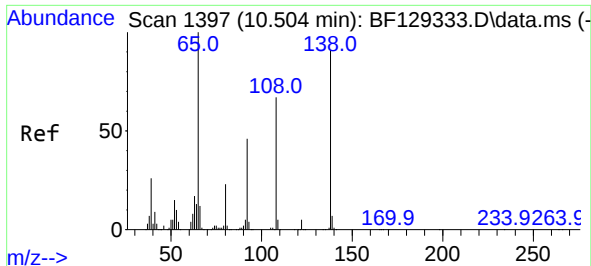
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#45
2-Fluorobiphenyl
Concen: 64.696 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

Tgt Ion:172 Resp: 1168055
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 23.5 19.8 29.8





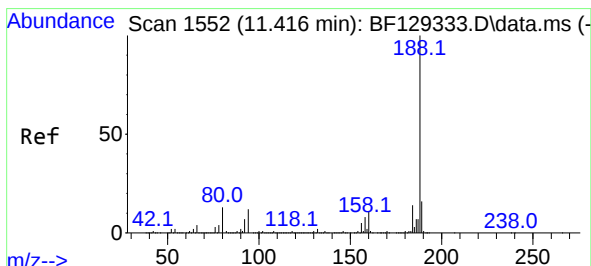
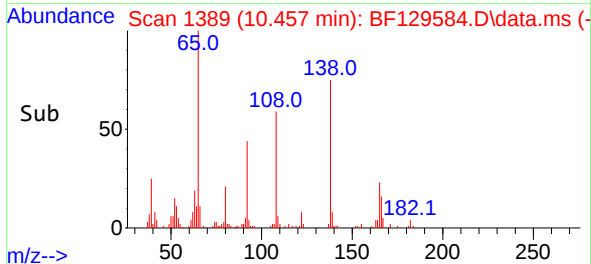
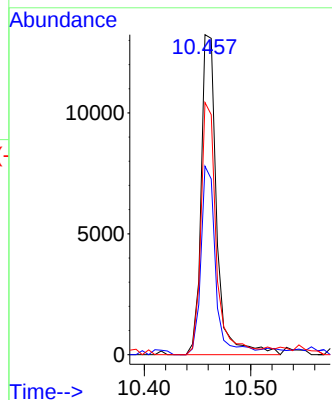
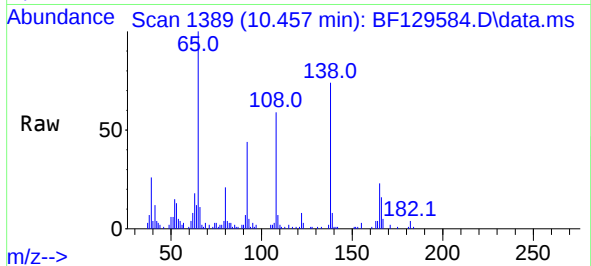
#62
4-Nitroaniline
Concen: 2.674 ng
RT: 10.457 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

Instrument :
BNA_F
ClientSampleId :
RVE-118

Tgt Ion:138 Resp: 13518
Ion Ratio Lower Upper
138 100
92 58.9 33.5 73.5
108 78.8 61.0 101.0

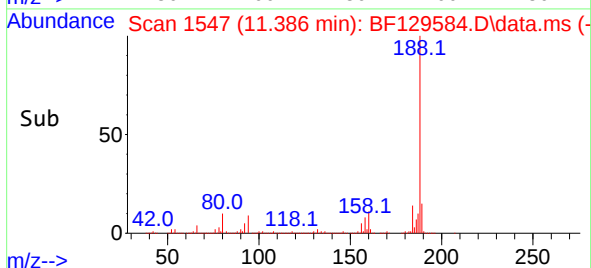
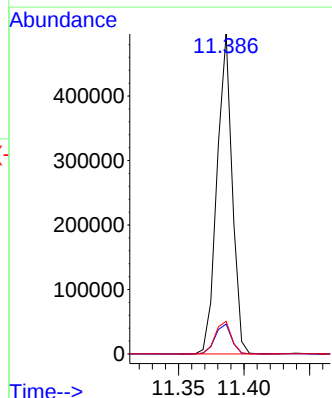
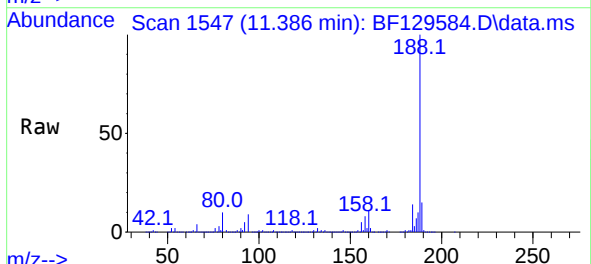
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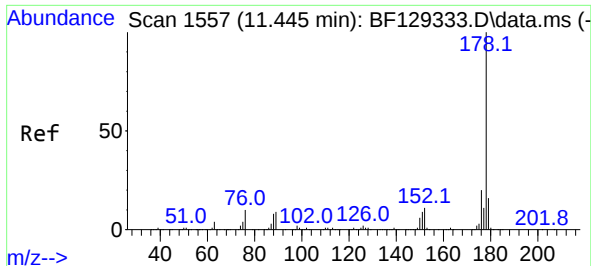
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

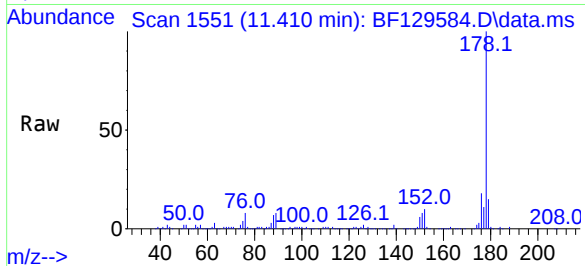
Tgt Ion:188 Resp: 399579
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.2 7.6 11.4





#71
Phenanthrene
Concen: 3.499 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

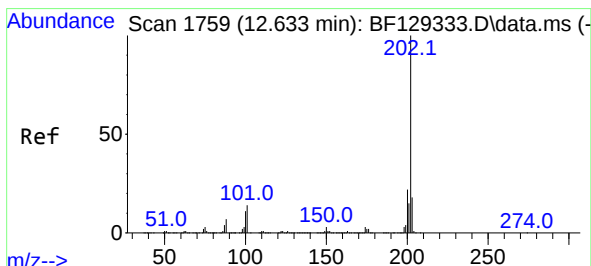
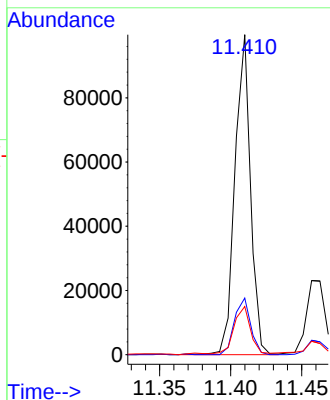
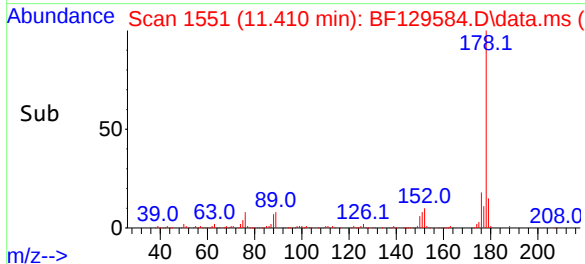
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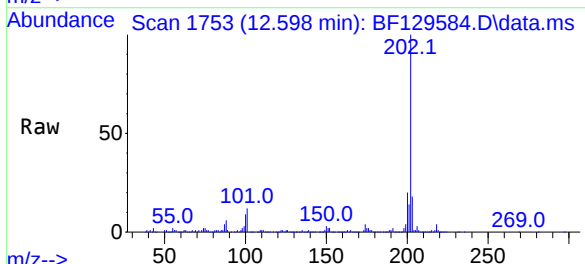
Tgt Ion:178 Resp: 76330
Ion Ratio Lower Upper
178 100
176 17.7 16.0 24.0
179 15.1 12.6 19.0

Manual Integrations
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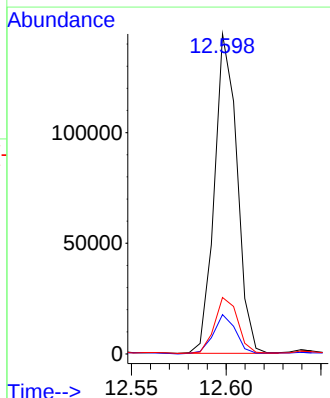
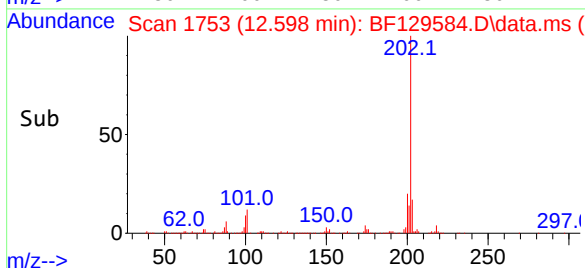
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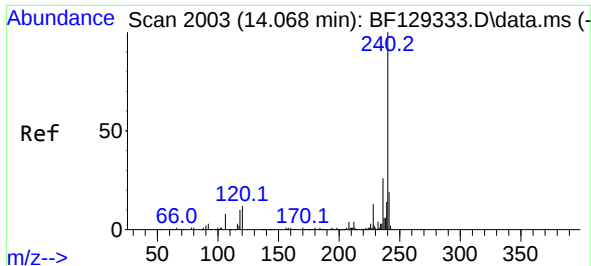


#75
Fluoranthene
Concen: 5.422 ng
RT: 12.598 min Scan# 1753
Delta R.T. -0.012 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12



Tgt Ion:202 Resp: 119826
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.4
203 17.7 0.0 38.0





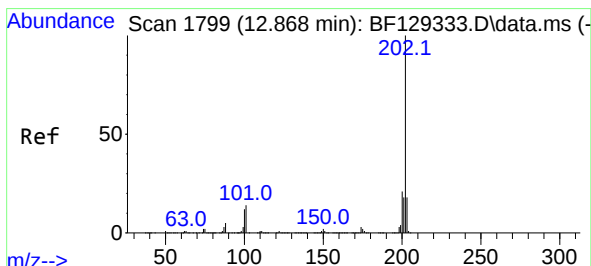
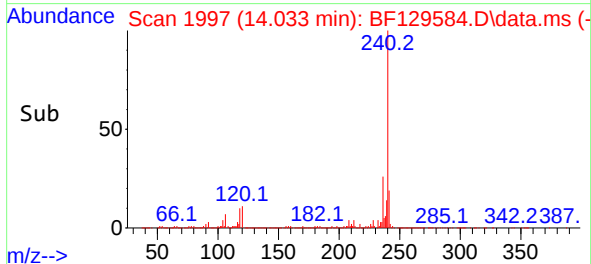
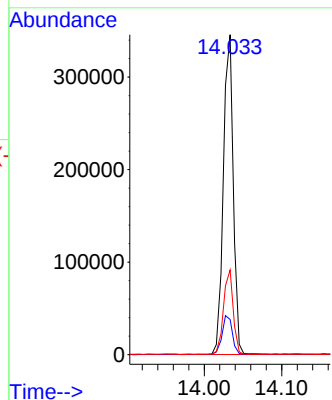
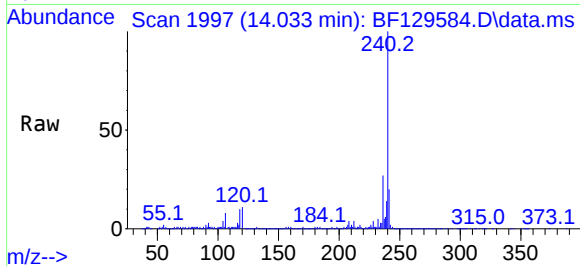
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

Instrument :
BNA_F
ClientSampleId :
RVE-118

Tgt Ion:240 Resp: 30762
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 26.5 20.8 31.2

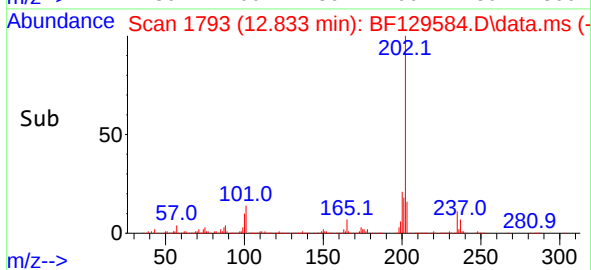
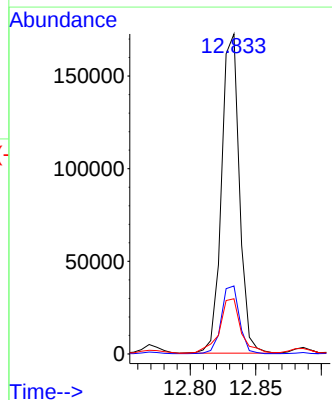
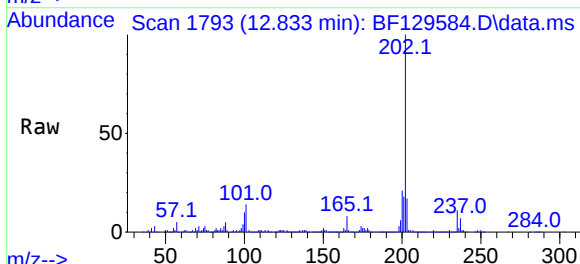
Manual Integrations
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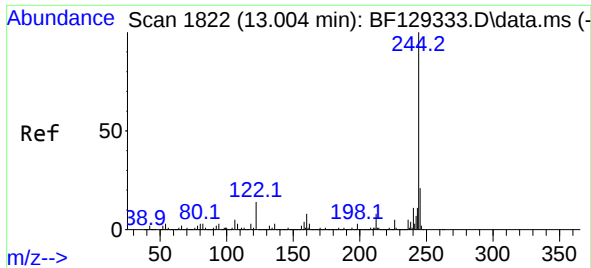
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#78
Pyrene
Concen: 6.339 ng
RT: 12.833 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

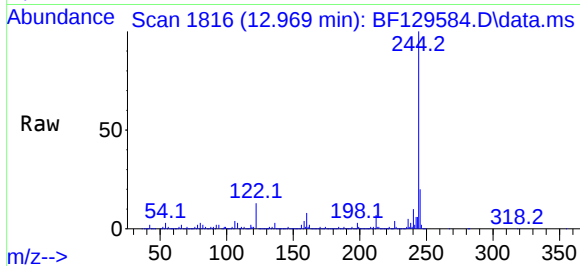
Tgt Ion:202 Resp: 163054
Ion Ratio Lower Upper
202 100
200 21.3 17.7 26.5
203 17.2 14.6 21.8





#79
 Terphenyl-d14
 Concen: 57.050 ng
 RT: 12.969 min Scan# 1816
 Delta R.T. -0.012 min
 Lab File: BF129584.D
 Acq: 04 Aug 2022 23:12

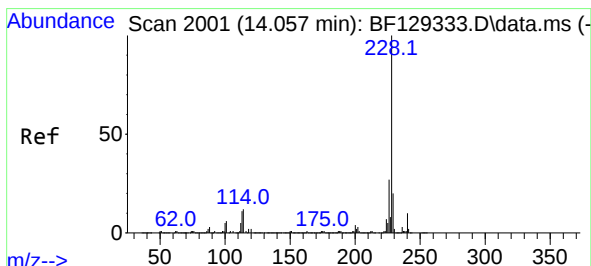
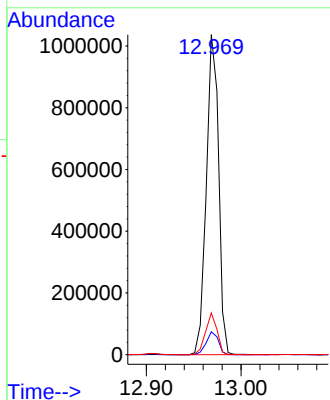
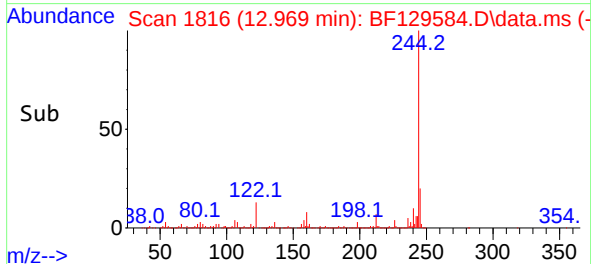
Instrument :
 BNA_F
 ClientSampleId :
 RVE-118



Tgt Ion:244 Resp: 930230
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 13.1 8.8 13.2

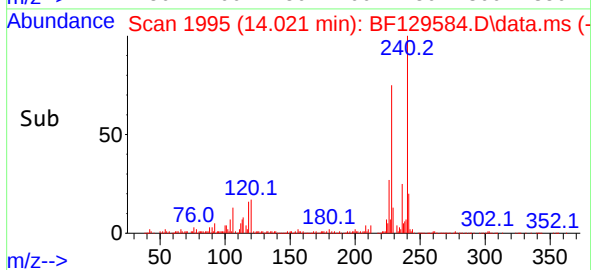
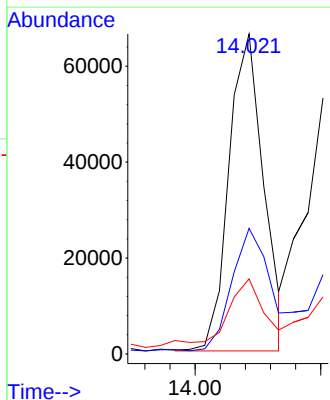
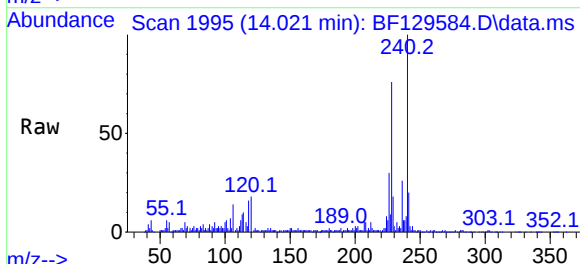
Manual Integrations
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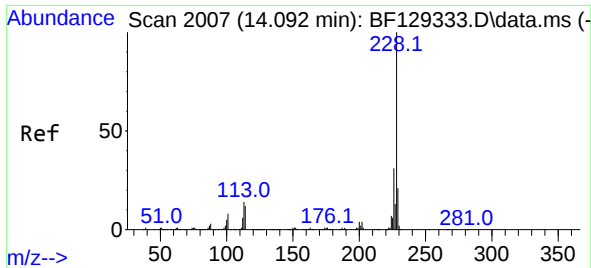
Reviewed By :Christian Giraldo 08/05/2022
 Supervised By :Jagrut Upadhyay 08/05/2022



#81
 Benzo(a)anthracene
 Concen: 3.027 ng m
 RT: 14.021 min Scan# 1995
 Delta R.T. -0.006 min
 Lab File: BF129584.D
 Acq: 04 Aug 2022 23:12

Tgt Ion:228 Resp: 63598
 Ion Ratio Lower Upper
 228 100
 226 39.3 22.1 33.1#
 229 23.5 15.8 23.8





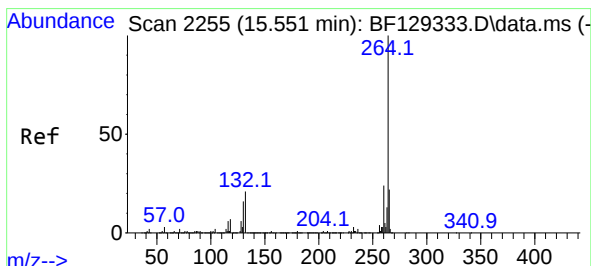
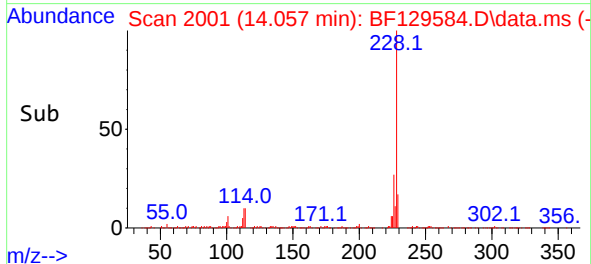
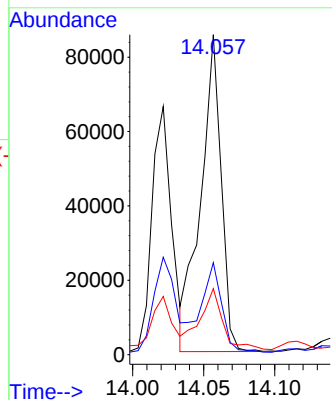
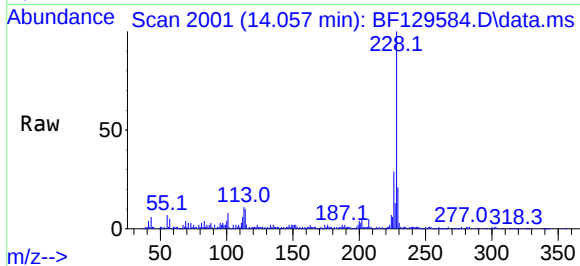
#83
Chrysene
Concen: 4.332 ng
RT: 14.057 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

Instrument :
BNA_F
ClientSampleId :
RVE-118

Tgt Ion:228 Resp: 85790
Ion Ratio Lower Upper
228 100
226 28.8 24.3 36.5
229 20.6 15.9 23.9

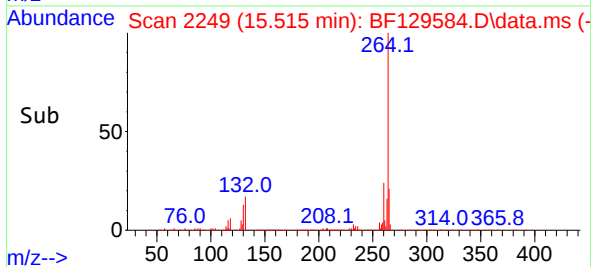
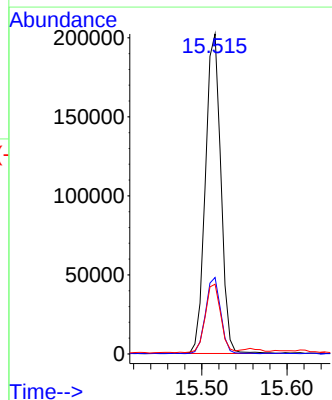
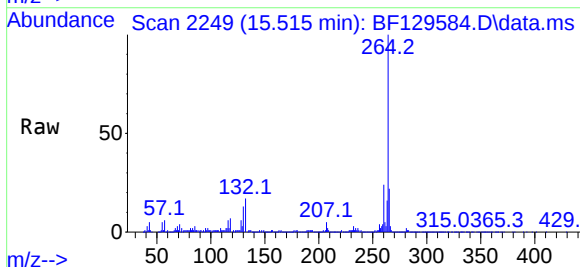
Manual Integrations
APPROVED

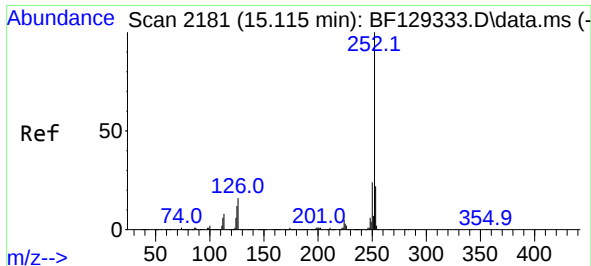
Reviewed By :Christian Giraldo 08/05/2022
Supervised By :Jagrut Upadhyay 08/05/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2249
Delta R.T. 0.000 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

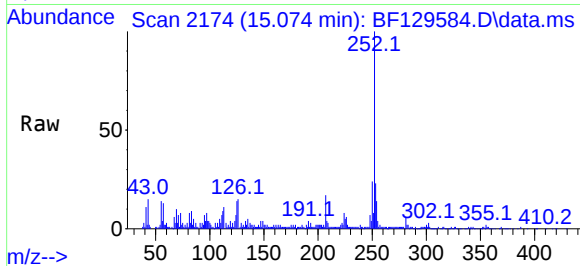
Tgt Ion:264 Resp: 254664
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 21.8 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 5.056 ng m
RT: 15.074 min Scan# 2181
Delta R.T. -0.012 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12

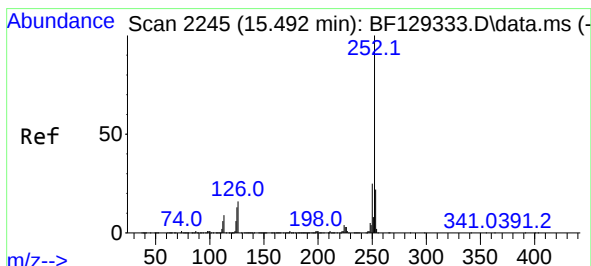
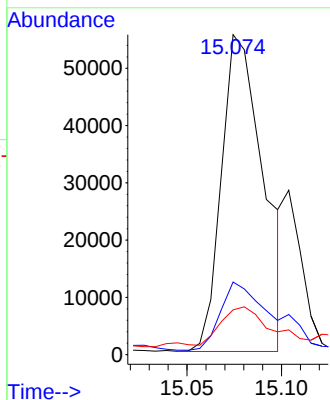
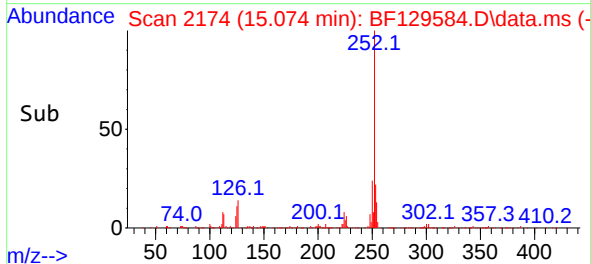
Instrument :
BNA_F
ClientSampleId :
RVE-118



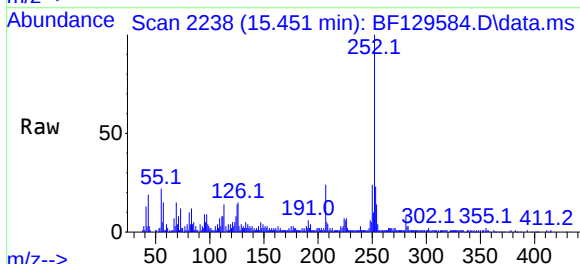
Tgt Ion:252 Resp: 8540
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 14.0 8.0 12.0

Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 3.776 ng
RT: 15.451 min Scan# 2238
Delta R.T. -0.006 min
Lab File: BF129584.D
Acq: 04 Aug 2022 23:12



Tgt Ion:252 Resp: 51786
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 13.9 8.8 13.2

