

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129616.D
 Acq On : 06 Aug 2022 00:05
 Operator : CG\JU
 Sample : N3960-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-166

Manual Integrations
 APPROVED

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

Quant Time: Aug 08 02:15:46 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	6.845	152	130099	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	462371	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	201474	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	326567	20.000	ng	0.00
76) Chrysene-d12	14.016	240	293872	20.000	ng	#-0.01
86) Perylene-d12	15.492	264	237585	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	828021	103.678	ng	0.00
7) Phenol-d6	6.498	99	990911	98.711	ng	0.00
23) Nitrobenzene-d5	7.410	82	621512	73.377	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	204594	105.623	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1034803	79.454	ng	0.00
79) Terphenyl-d14	12.957	244	1058133	67.929	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.398	178	56234	3.155	ng	97
75) Fluoranthene	12.586	202	125558	6.951	ng	99
78) Pyrene	12.816	202	173990	7.080	ng	97
81) Benzo(a)anthracene	14.010	228	76652m	3.818	ng	
83) Chrysene	14.045	228	94993	5.021	ng	98
87) Indeno(1,2,3-cd)pyrene	16.968	276	41953	2.622	ng	# 93
88) Benzo(b)fluoranthene	15.063	252	100689m	6.389	ng	
90) Benzo(a)pyrene	15.427	252	71451	5.585	ng	# 94
92) Benzo(g,h,i)perylene	17.421	276	48309	3.631	ng	97

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

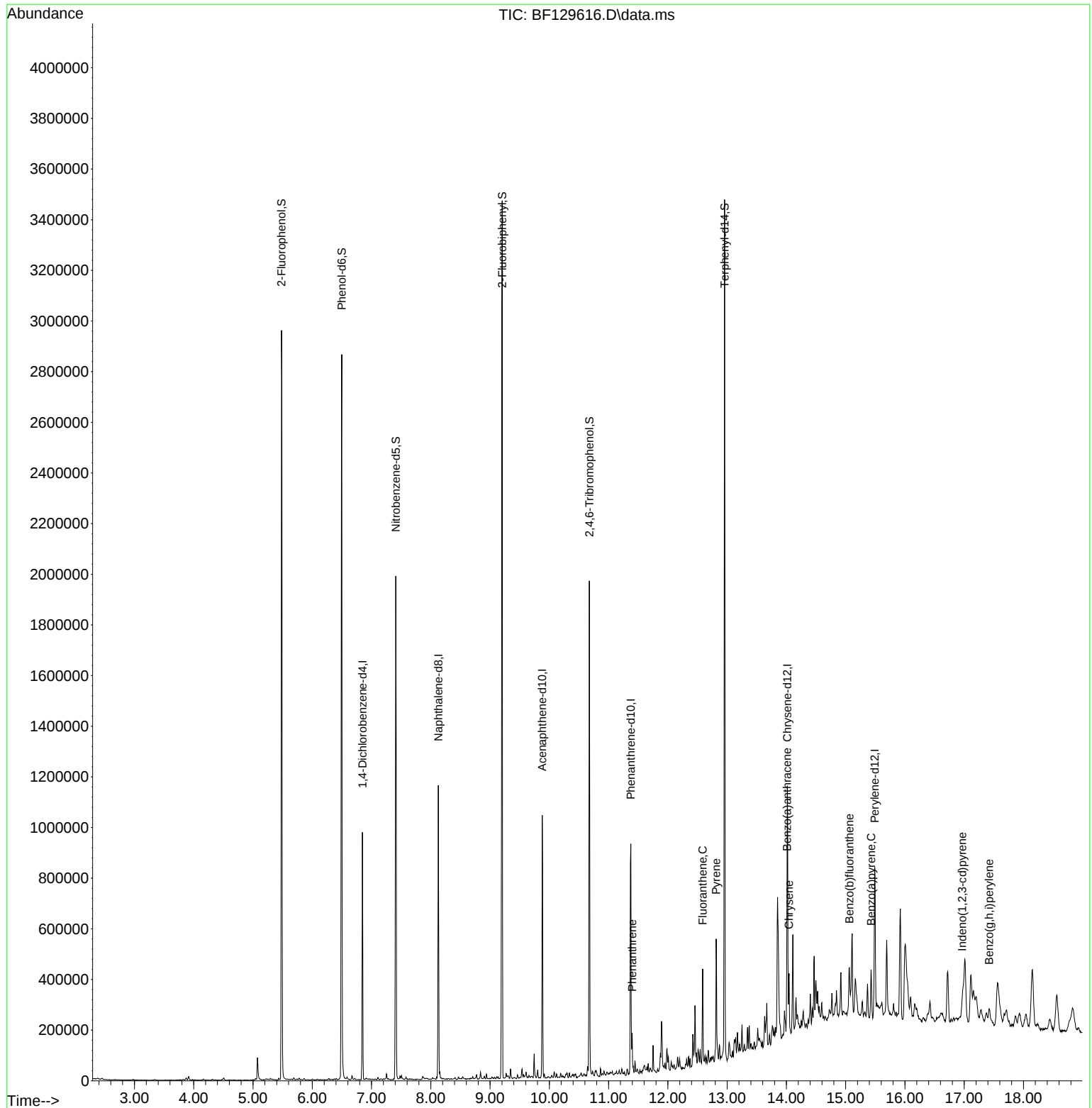
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
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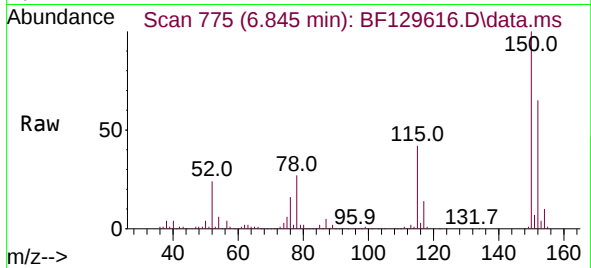
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129616.D
 Acq: 06 Aug 2022 00:05

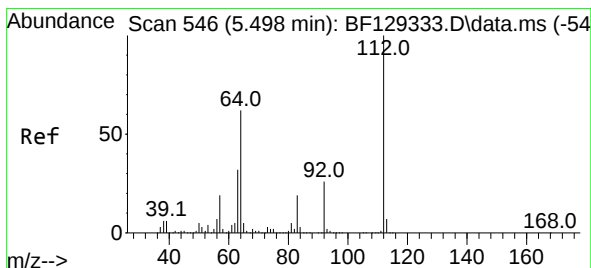
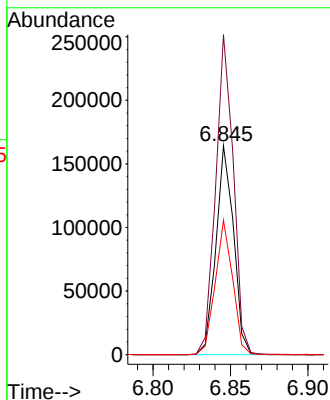
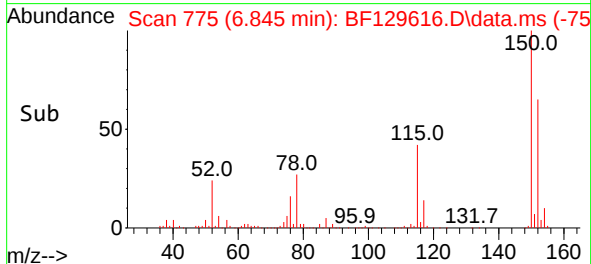
Instrument :
 BNA_F
 ClientSampleId :
 RVE-166



Tgt Ion:152 Resp: 130099
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.7 185.5
 115 64.3 49.9 74.9

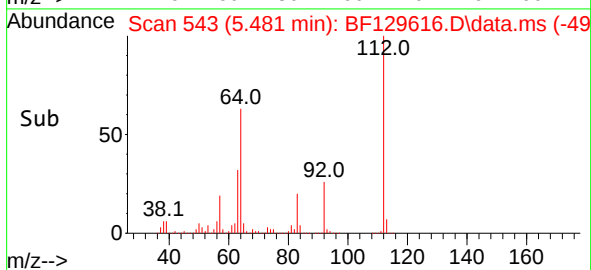
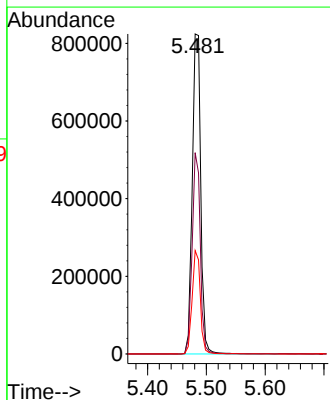
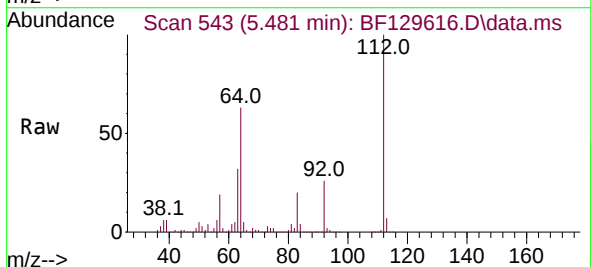
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#5
 2-Fluorophenol
 Concen: 103.678 ng
 RT: 5.481 min Scan# 543
 Delta R.T. -0.000 min
 Lab File: BF129616.D
 Acq: 06 Aug 2022 00:05

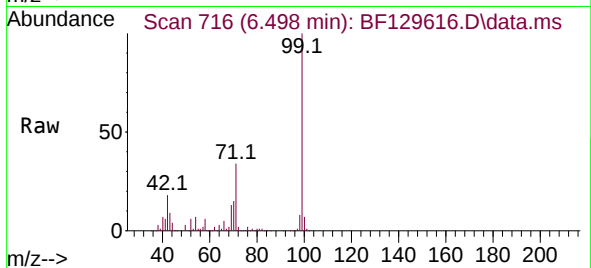
Tgt Ion:112 Resp: 828021
 Ion Ratio Lower Upper
 112 100
 64 62.9 53.3 79.9
 63 32.3 28.0 42.0





#7
Phenol-d6
Concen: 98.711 ng
RT: 6.498 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129616.D
Acq: 06 Aug 2022 00:05

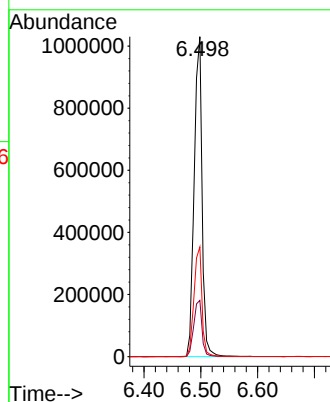
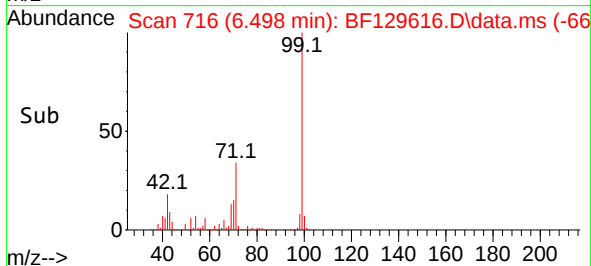
Instrument :
BNA_F
ClientSampleId :
RVE-166



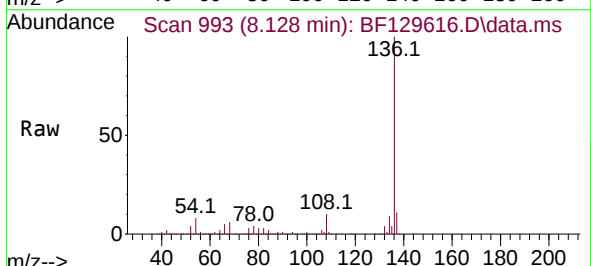
Tgt Ion: 99 Resp: 990911
Ion Ratio Lower Upper
99 100
42 17.6 17.3 25.9
71 34.3 28.9 43.3

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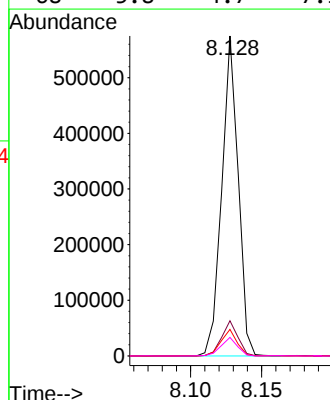
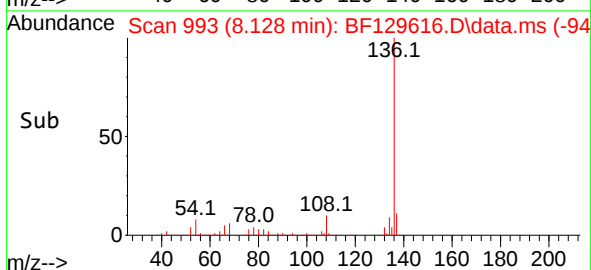
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF129616.D
Acq: 06 Aug 2022 00:05



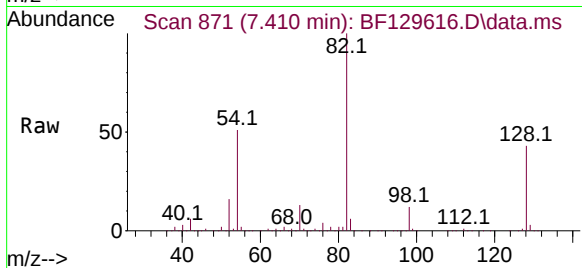
Tgt Ion:136 Resp: 462371
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.3 7.5 11.3
68 5.8 4.7 7.1





#23
Nitrobenzene-d5
Concen: 73.377 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129616.D
Acq: 06 Aug 2022 00:05

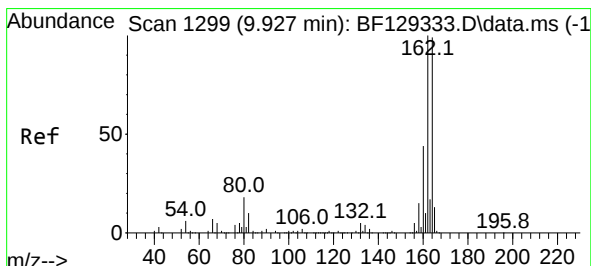
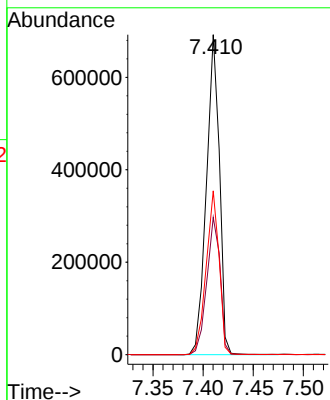
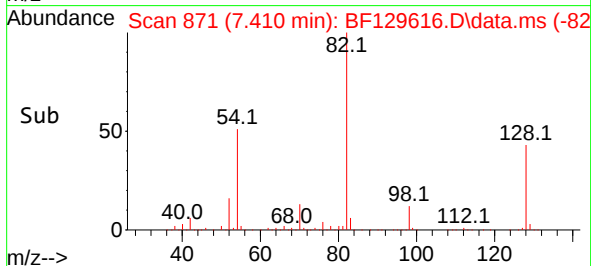
Instrument :
BNA_F
ClientSampleId :
RVE-166



Tgt Ion: 82 Resp: 621512
Ion Ratio Lower Upper
82 100
128 42.9 34.0 51.0
54 51.2 46.9 70.3

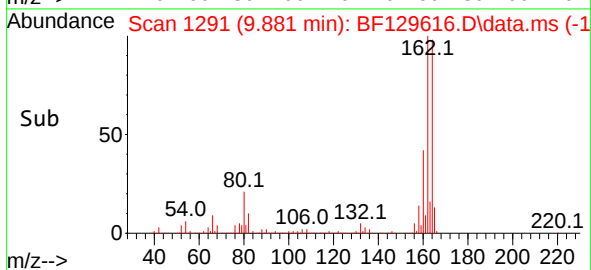
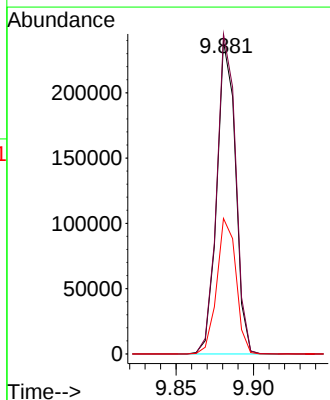
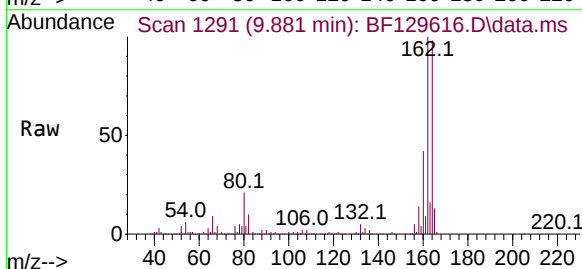
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129616.D
Acq: 06 Aug 2022 00:05

Tgt Ion:164 Resp: 201474
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 43.3 34.2 51.4





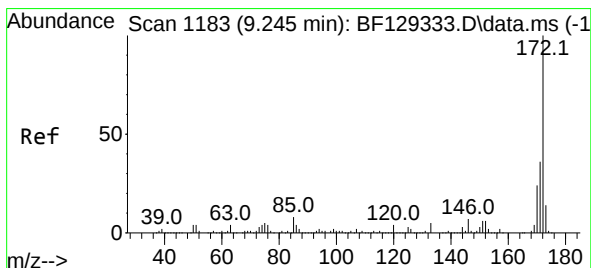
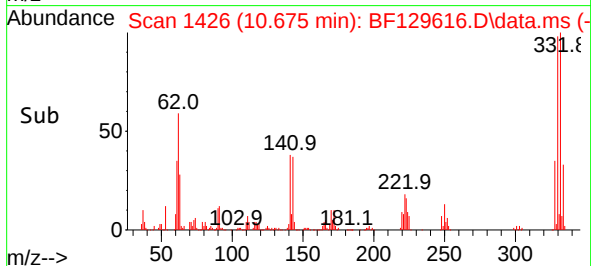
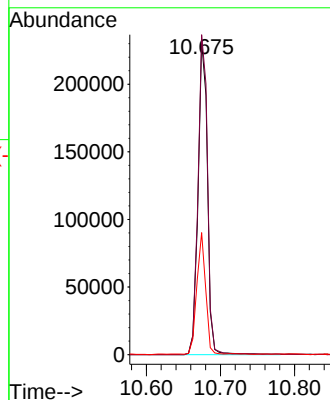
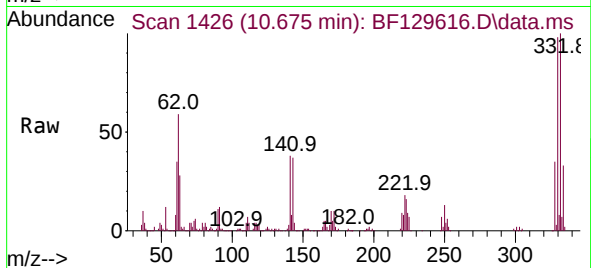
#42
2,4,6-Tribromophenol
Concen: 105.623 ng
RT: 10.675 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF129616.D
Acq: 06 Aug 2022 00:05

Instrument :
BNA_F
ClientSampleId :
RVE-166

Tgt Ion: 330 Resp: 204594
Ion Ratio Lower Upper
330 100
332 103.0 76.8 115.2
141 36.2 28.0 42.0

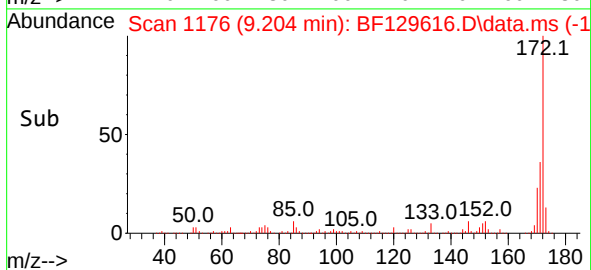
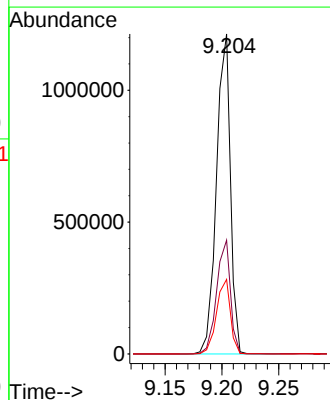
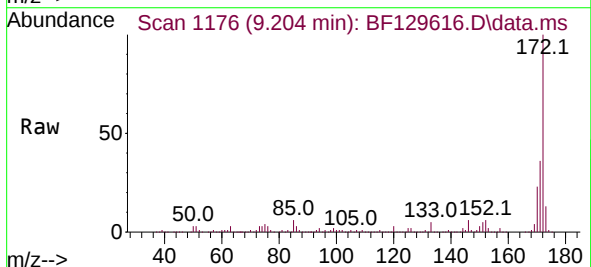
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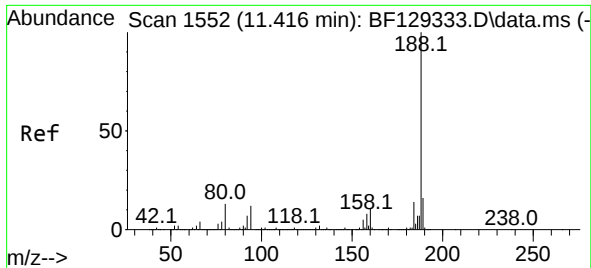
Reviewed By : Christian Giraldo 08/08/2022
Supervised By : Jagrut Upadhyay 08/08/2022



#45
2-Fluorobiphenyl
Concen: 79.454 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF129616.D
Acq: 06 Aug 2022 00:05

Tgt Ion: 172 Resp: 1034803
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.3 19.8 29.8





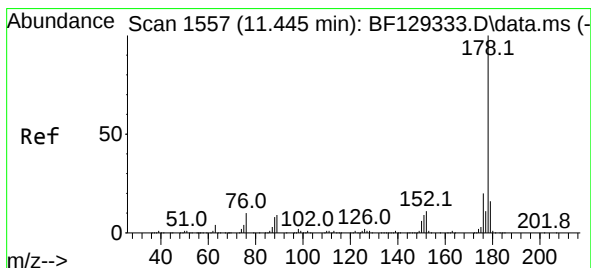
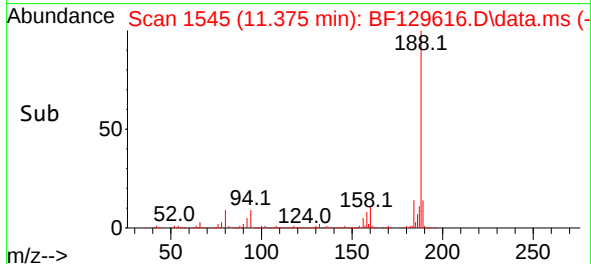
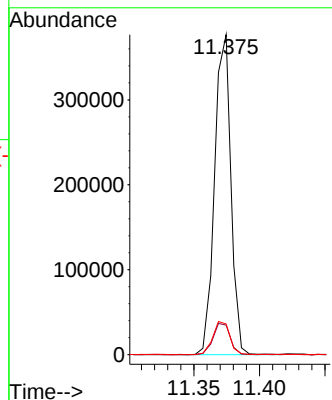
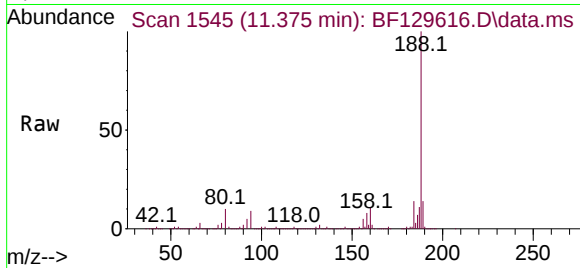
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129616.D
Acq: 06 Aug 2022 00:05

Instrument :
BNA_F
ClientSampleId :
RVE-166

Tgt Ion:188 Resp: 32656
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 9.6 7.6 11.4

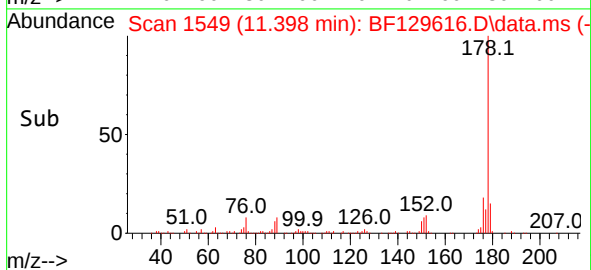
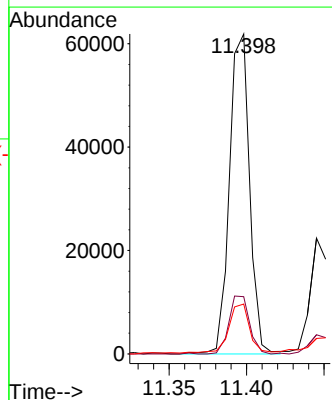
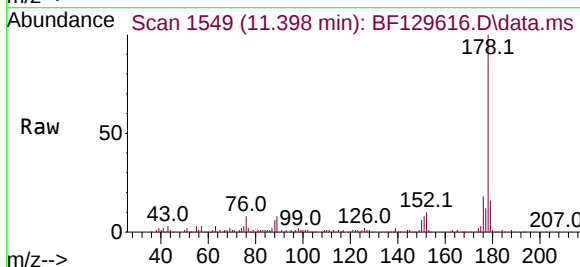
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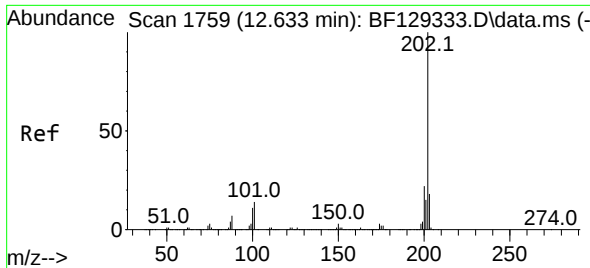
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#71
Phenanthrene
Concen: 3.155 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.012 min
Lab File: BF129616.D
Acq: 06 Aug 2022 00:05

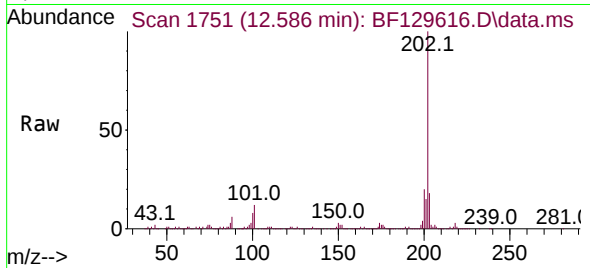
Tgt Ion:178 Resp: 56234
Ion Ratio Lower Upper
178 100
176 17.9 16.0 24.0
179 15.6 12.6 19.0





#75
Fluoranthene
Concen: 6.951 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129616.D
Acq: 06 Aug 2022 00:05

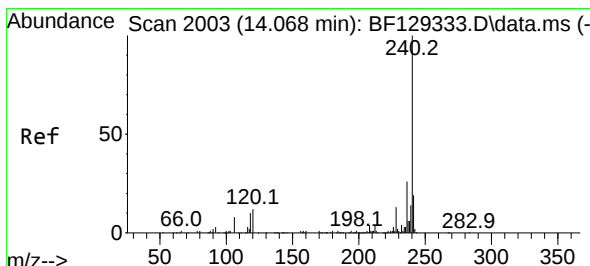
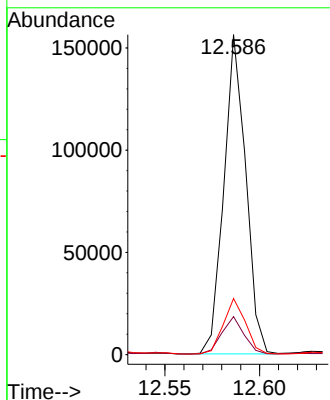
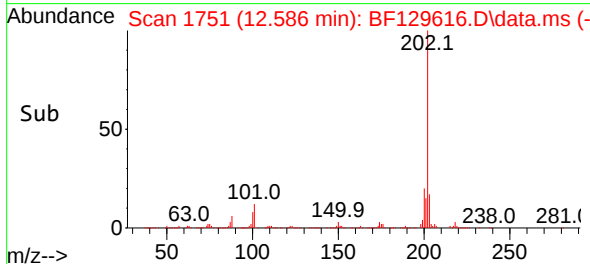
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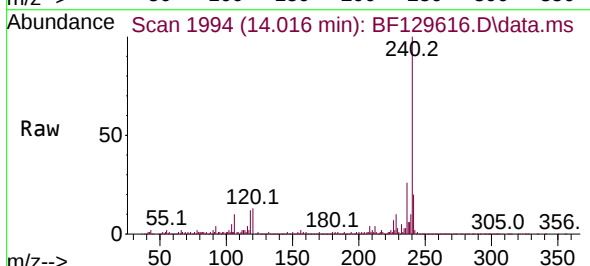
Tgt Ion:202 Resp: 125558
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.4
203 17.5 0.0 38.0

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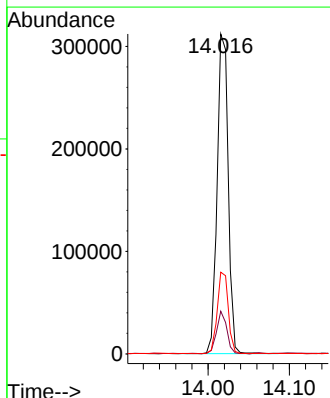
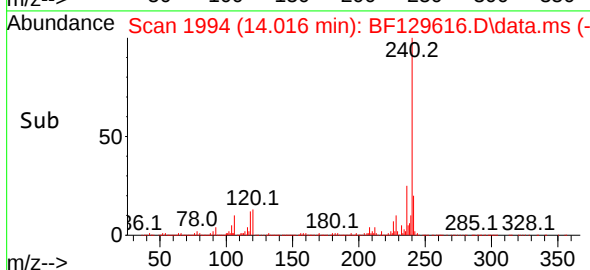
Reviewed By :Christian Giraldo 08/08/2022
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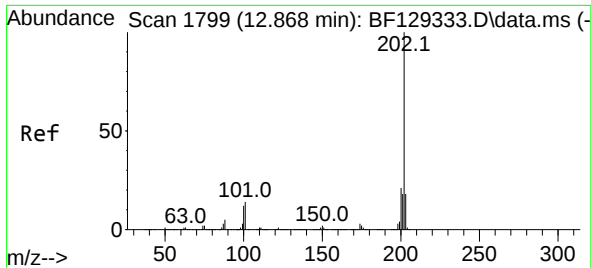


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF129616.D
Acq: 06 Aug 2022 00:05



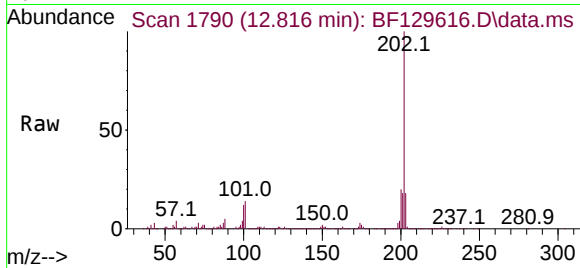
Tgt Ion:240 Resp: 293872
Ion Ratio Lower Upper
240 100
120 13.3 8.9 13.3#
236 25.5 20.8 31.2





#78
Pyrene
Concen: 7.080 ng
RT: 12.816 min Scan# 173990
Delta R.T. -0.012 min
Lab File: BF129616.D
Acq: 06 Aug 2022 00:05

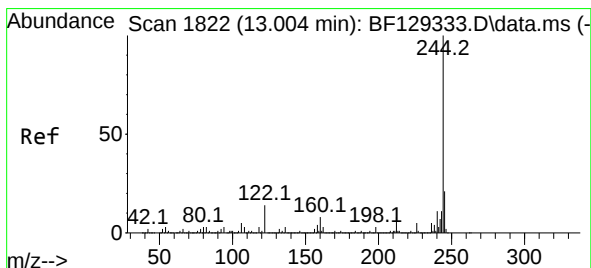
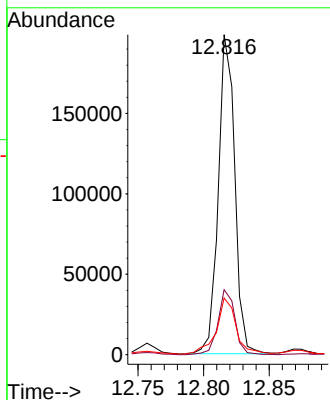
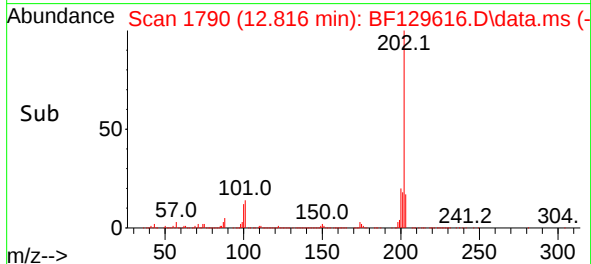
Instrument :
BNA_F
ClientSampleId :
RVE-166



Tgt Ion:202 Resp: 173990
Ion Ratio Lower Upper
202 100
200 20.3 17.7 26.5
203 17.7 14.6 21.8

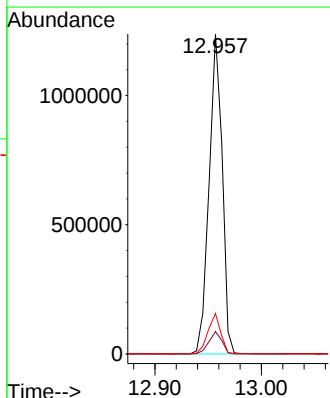
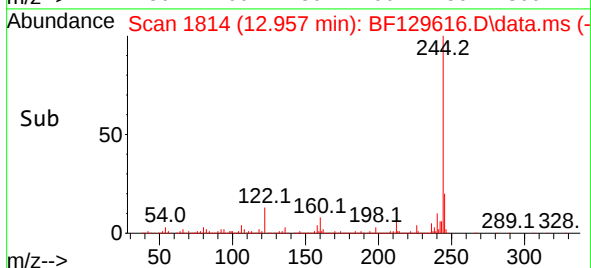
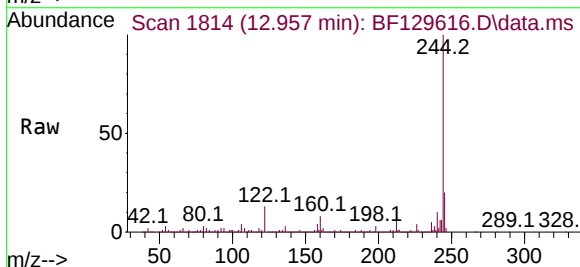
Manual Integrations
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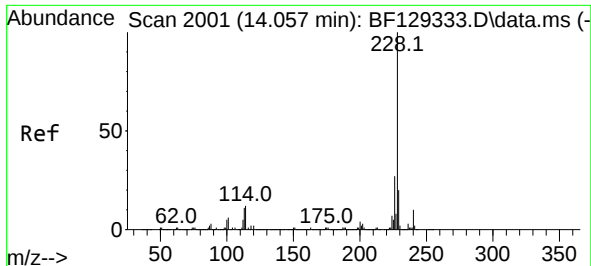
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#79
Terphenyl-d14
Concen: 67.929 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF129616.D
Acq: 06 Aug 2022 00:05

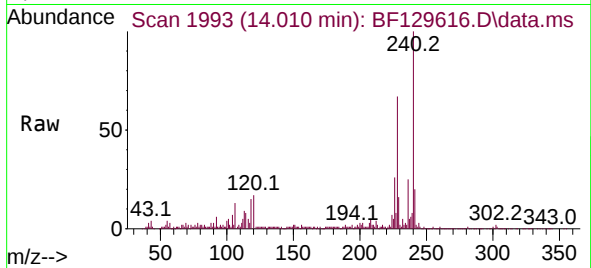
Tgt Ion:244 Resp: 1058133
Ion Ratio Lower Upper
244 100
212 7.0 6.1 9.1
122 12.6 8.8 13.2





#81
Benzo(a)anthracene
Concen: 3.818 ng m
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF129616.D
Acq: 06 Aug 2022 00:05

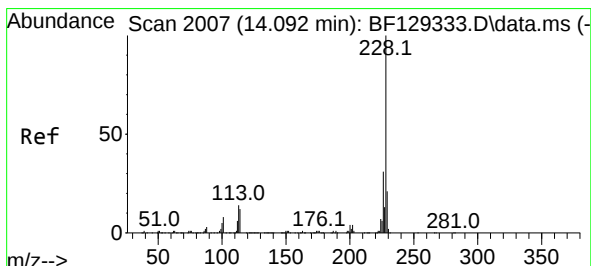
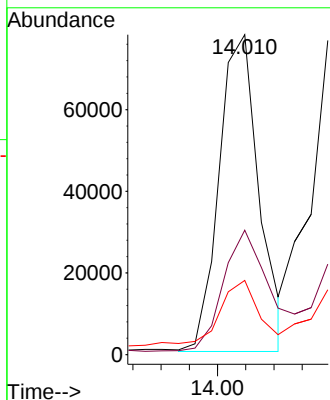
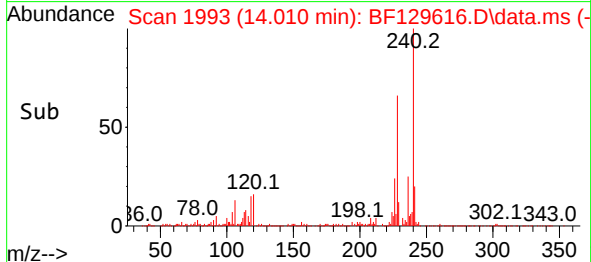
Instrument :
BNA_F
ClientSampleId :
RVE-166



Tgt Ion:228 Resp: 76652
Ion Ratio Lower Upper
228 100
226 38.9 22.1 33.1
229 23.2 15.8 23.8

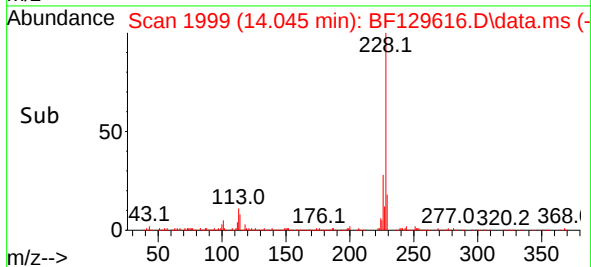
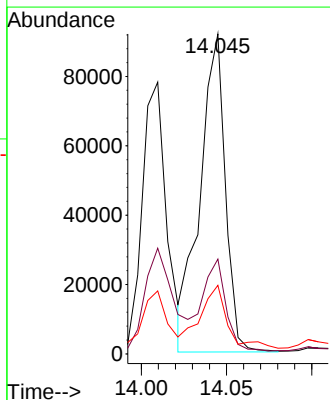
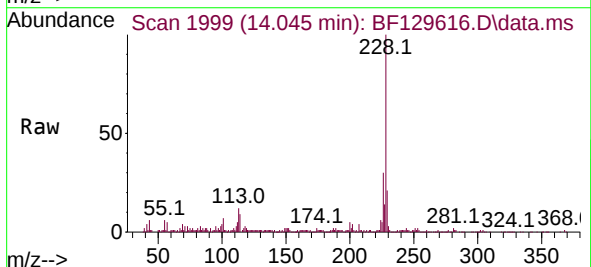
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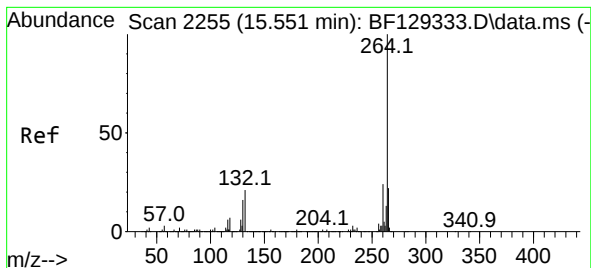
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#83
Chrysene
Concen: 5.021 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF129616.D
Acq: 06 Aug 2022 00:05

Tgt Ion:228 Resp: 94993
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 21.4 15.9 23.9





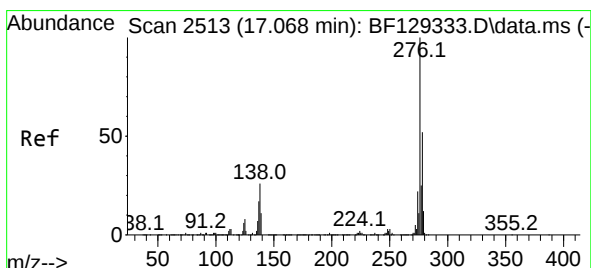
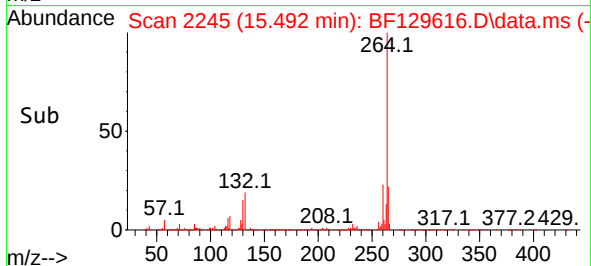
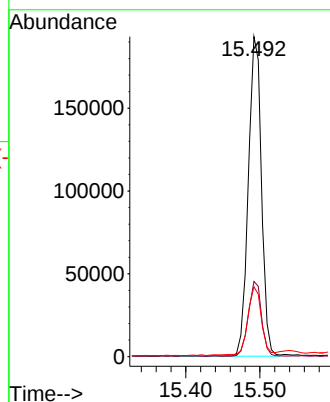
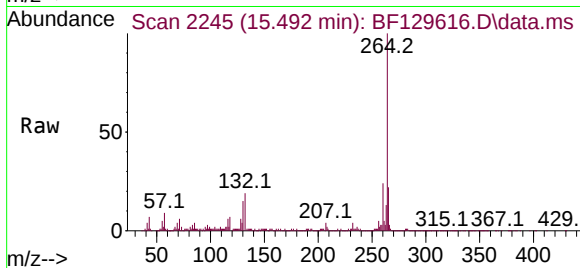
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129616.D
Acq: 06 Aug 2022 00:05

Instrument :
BNA_F
ClientSampleId :
RVE-166

Tgt Ion:264 Resp: 237585
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 21.8 17.2 25.8

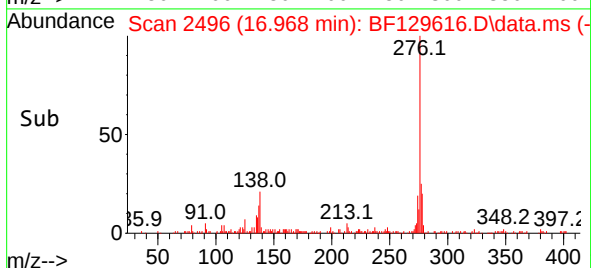
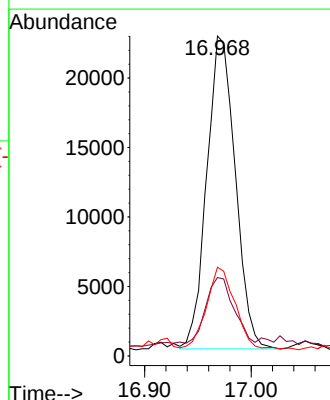
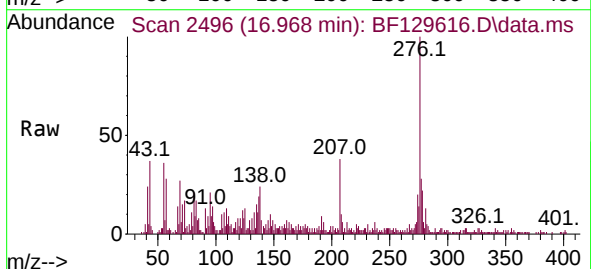
Manual Integrations
APPROVED

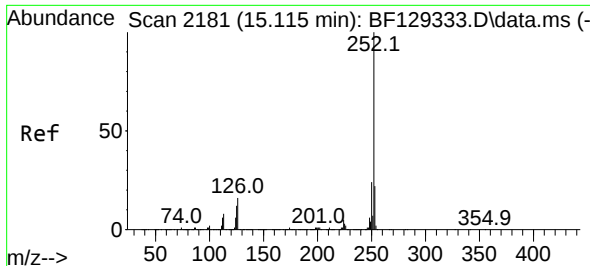
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.622 ng
RT: 16.968 min Scan# 2496
Delta R.T. -0.029 min
Lab File: BF129616.D
Acq: 06 Aug 2022 00:05

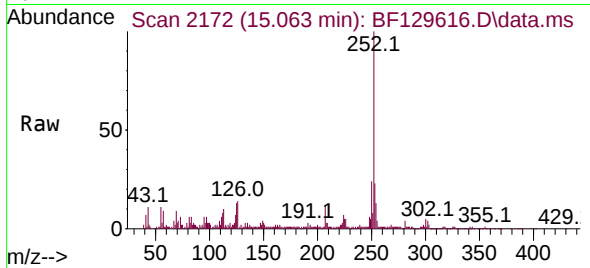
Tgt Ion:276 Resp: 41953
Ion Ratio Lower Upper
276 100
138 20.5 21.1 31.7#
277 26.8 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 6.389 ng m
RT: 15.063 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF129616.D
Acq: 06 Aug 2022 00:05

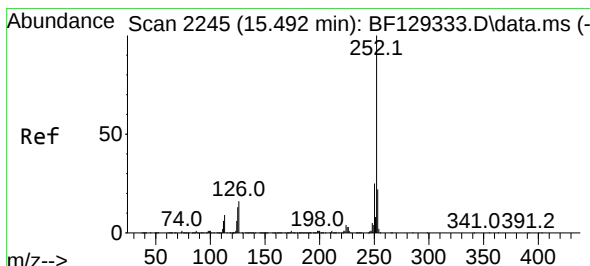
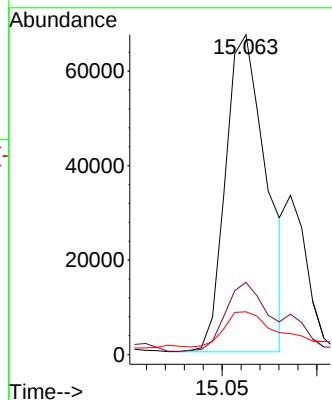
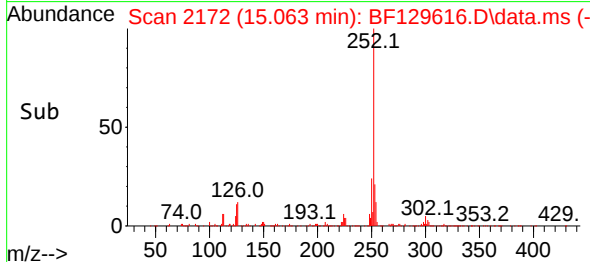
Instrument :
BNA_F
ClientSampleId :
RVE-166



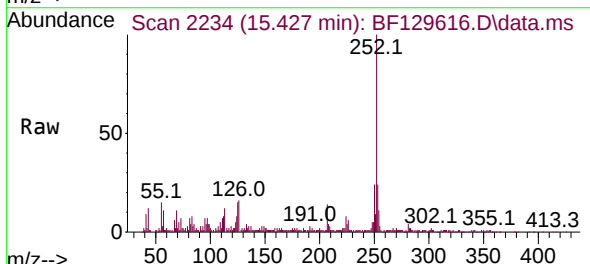
Tgt Ion:252 Resp: 100689
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 13.4 8.0 12.0

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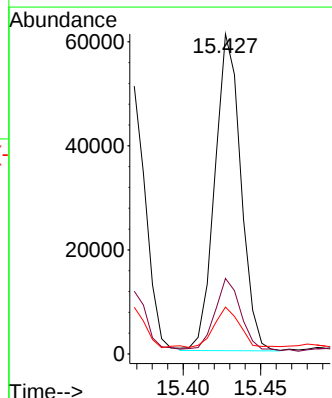
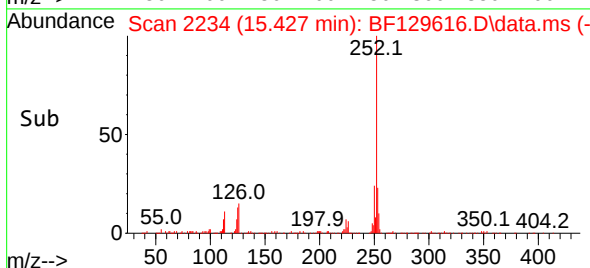
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

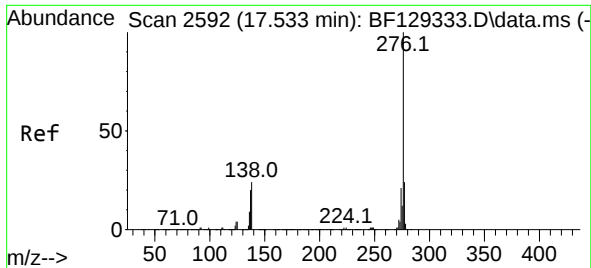


#90
Benzo(a)pyrene
Concen: 5.585 ng
RT: 15.427 min Scan# 2234
Delta R.T. -0.012 min
Lab File: BF129616.D
Acq: 06 Aug 2022 00:05



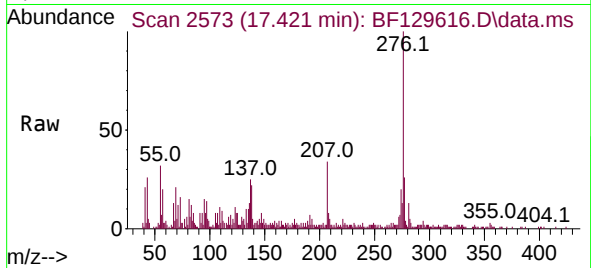
Tgt Ion:252 Resp: 71451
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 14.6 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.631 ng
 RT: 17.421 min Scan# 2573
 Delta R.T. -0.029 min
 Lab File: BF129616.D
 Acq: 06 Aug 2022 00:05

Instrument :
 BNA_F
 ClientSampleId :
 RVE-166



Tgt Ion:	276	Resp:	48309
Ion Ratio	Lower	Upper	
276	100		
277	26.0	19.1	28.7
138	21.7	18.0	27.0

Manual Integrations
 APPROVED

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

