

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
 Data File : BF129828.D
 Acq On : 17 Aug 2022 00:33
 Operator : CG\JU
 Sample : N4191-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-367

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/17/2022
 Supervised By : Jagrut Upadhyay 08/17/2022

Quant Time: Aug 17 02:41:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 15 02:28:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	148124	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	559184	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	255938	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	336059	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	267919	20.000	ng	0.00
86) Perylene-d12	15.468	264	288639	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	831763	92.973	ng	0.00
7) Phenol-d6	6.475	99	1084020	96.759	ng	0.00
23) Nitrobenzene-d5	7.387	82	695613	66.592	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	165346	64.369	ng	-0.01
45) 2-Fluorobiphenyl	9.175	172	1232080	73.115	ng	-0.01
79) Terphenyl-d14	12.933	244	879228	54.605	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.375	178	148406	7.907	ng	99
75) Fluoranthene	12.569	202	350142	18.231	ng	99
78) Pyrene	12.798	202	292252	12.553	ng	99
81) Benzo(a)anthracene	13.986	228	167637	9.096	ng	98
83) Chrysene	14.021	228	189976	11.012	ng	97
87) Indeno(1,2,3-cd)pyrene	16.945	276	133619	6.743	ng	94
88) Benzo(b)fluoranthene	15.039	252	333323m	16.865	ng	
89) Benzo(k)fluoranthene	15.063	252	103612m	5.466	ng	
90) Benzo(a)pyrene	15.404	252	198388	12.746	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	32772	2.004	ng	# 85
92) Benzo(g,h,i)perylene	17.398	276	127986	7.846	ng	95

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

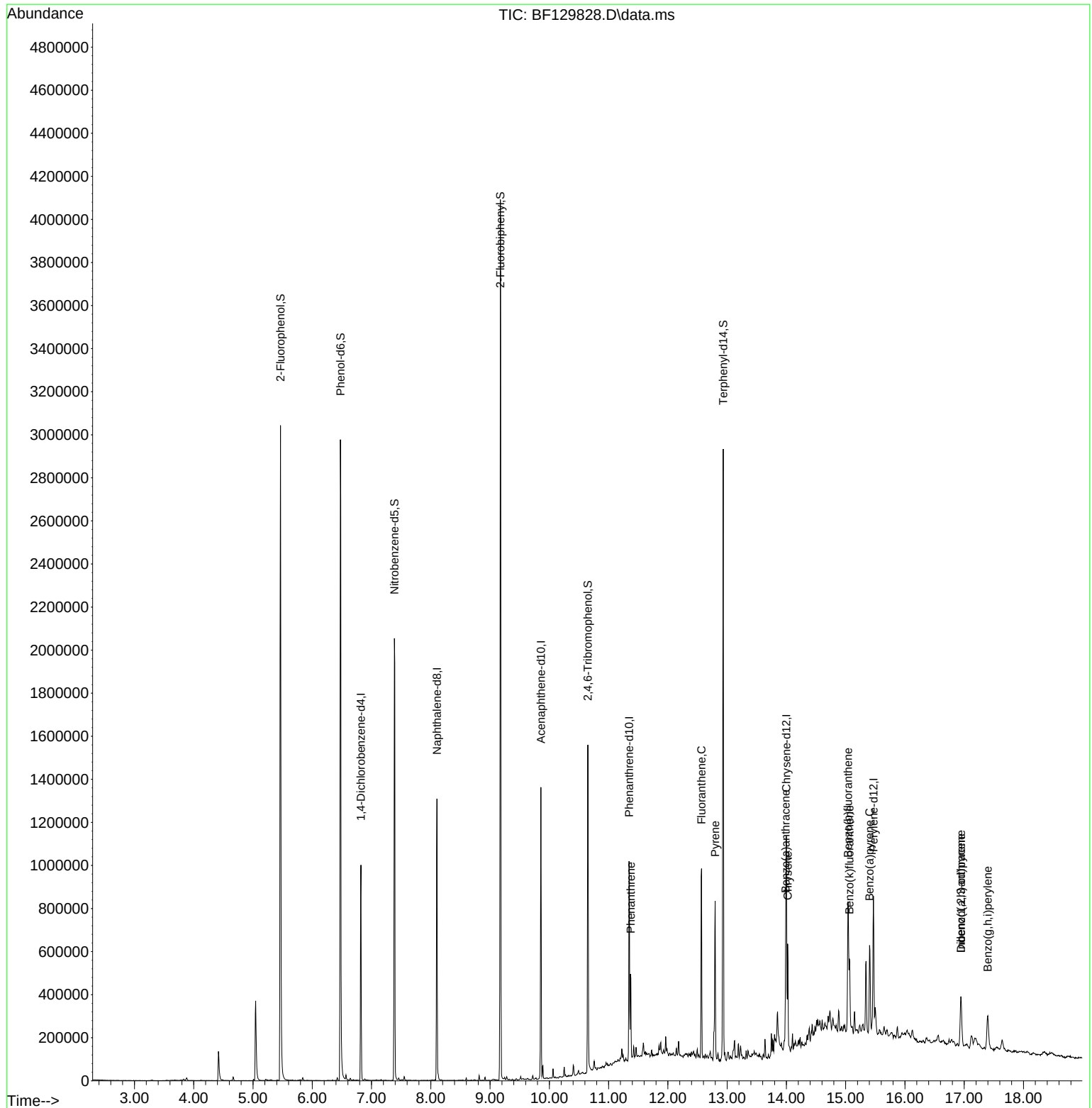
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129828.D
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ALS Vial : 17 Sample Multiplier: 1

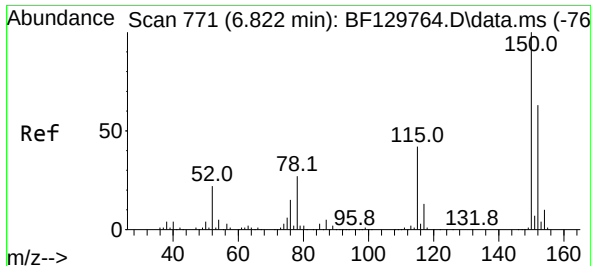
Instrument :
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Quant Time: Aug 17 02:41:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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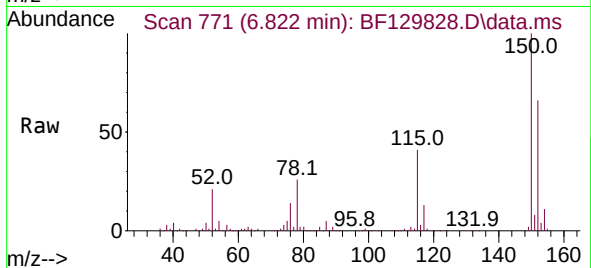
Reviewed By : Christian Giraldo 08/17/2022
Supervised By : Jagrut Upadhyay 08/17/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33

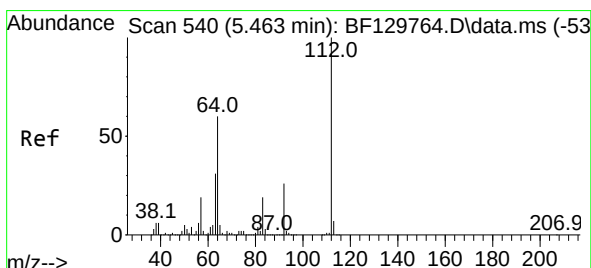
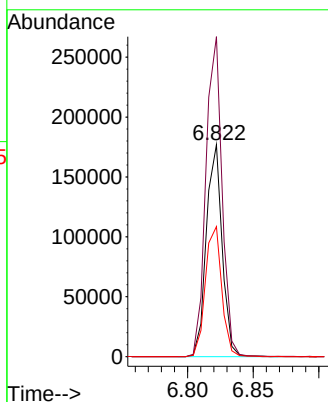
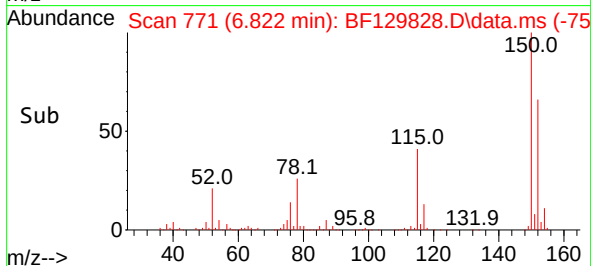
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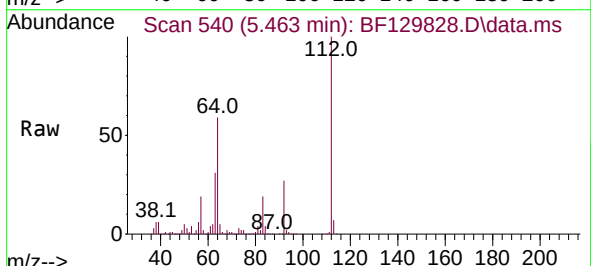
Tgt Ion:152 Resp: 148124
Ion Ratio Lower Upper
152 100
150 151.0 126.9 190.3
115 61.4 53.4 80.0

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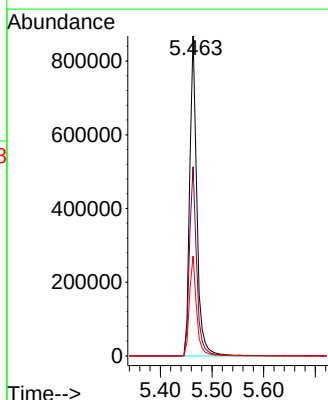
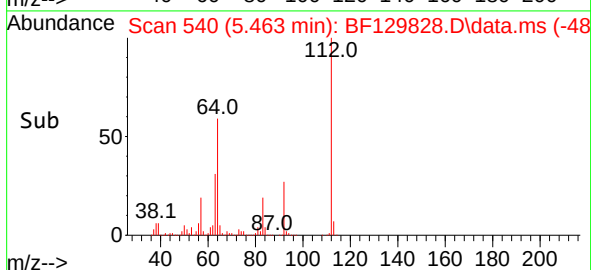
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

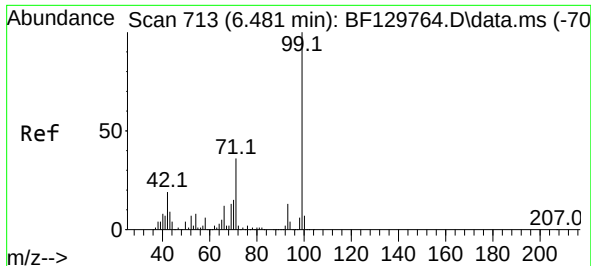


#5
2-Fluorophenol
Concen: 92.973 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.000 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33



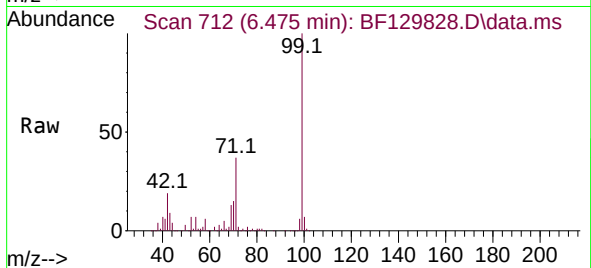
Tgt Ion:112 Resp: 831763
Ion Ratio Lower Upper
112 100
64 59.1 47.6 71.4
63 31.2 24.6 37.0





#7
Phenol-d6
Concen: 96.759 ng
RT: 6.475 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33

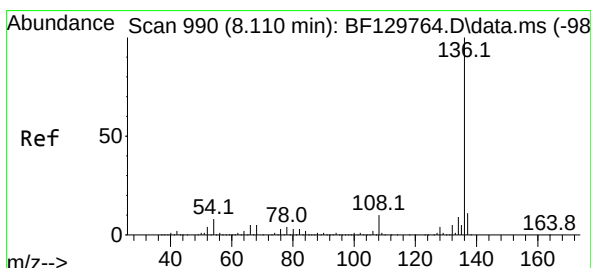
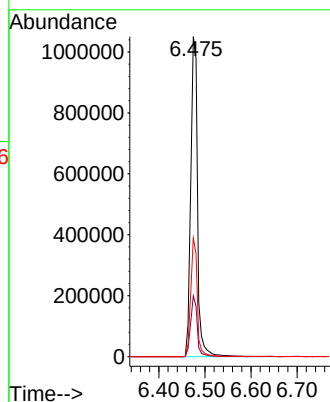
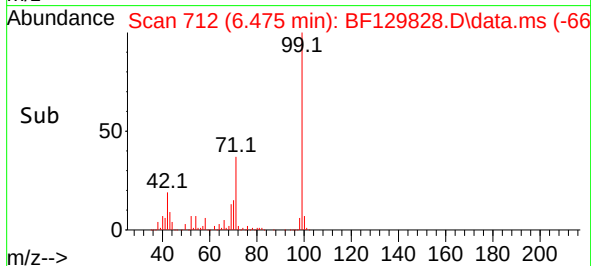
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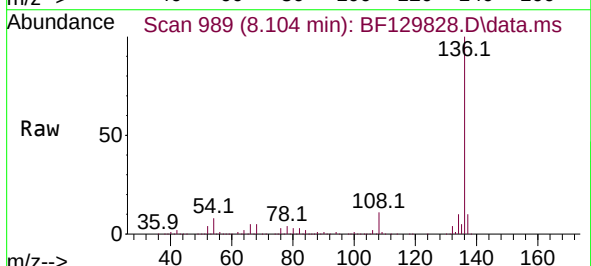
Tgt Ion: 99 Resp: 1084020
Ion Ratio Lower Upper
99 100
42 19.0 15.0 22.4
71 37.0 28.8 43.2

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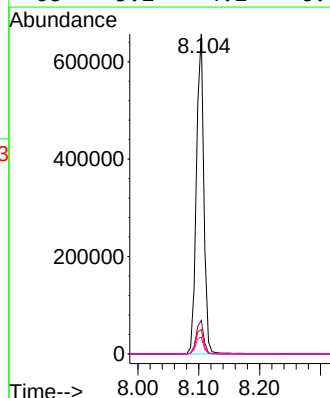
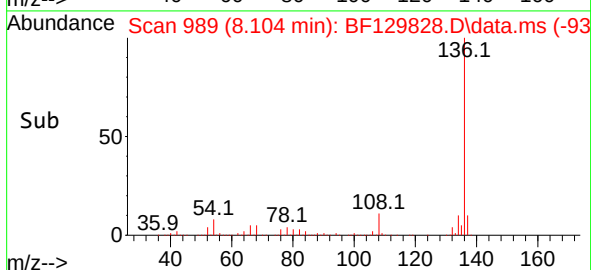
Reviewed By :Christian Giraldo 08/17/2022
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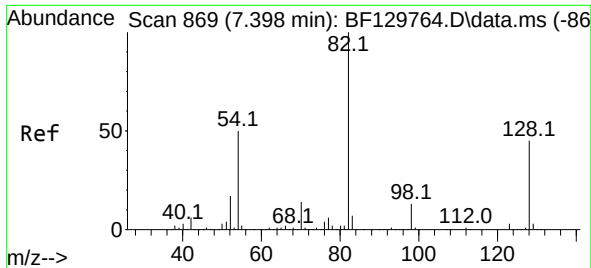


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.006 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33



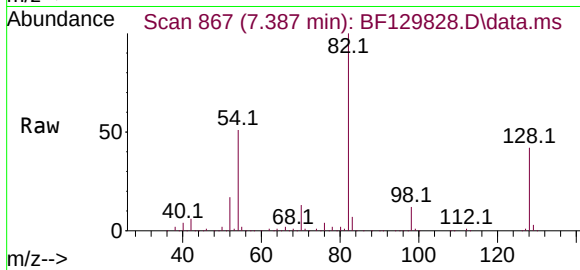
Tgt Ion:136 Resp: 559184
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.6 6.2 9.2
68 5.2 4.2 6.4





#23
Nitrobenzene-d5
Concen: 66.592 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33

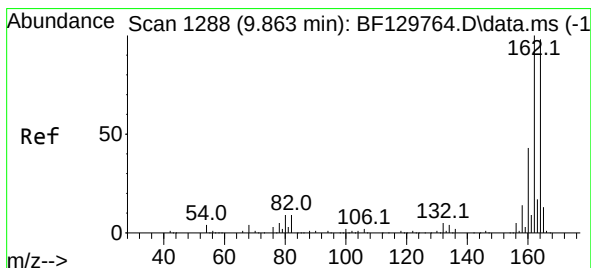
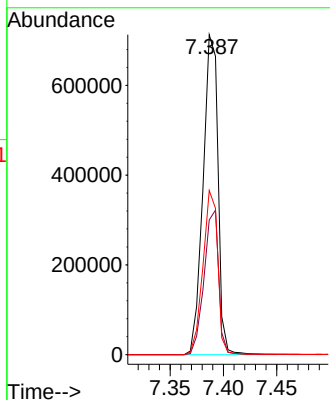
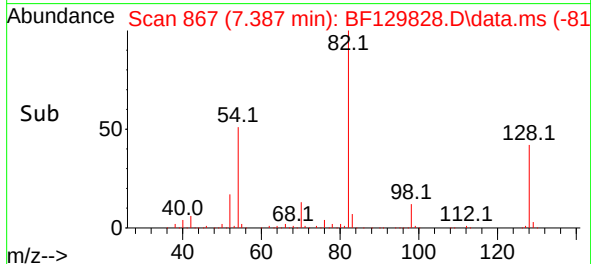
Instrument :
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ClientSampleId :
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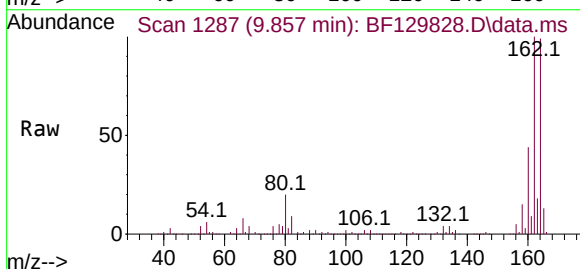
Tgt Ion: 82 Resp: 695613
Ion Ratio Lower Upper
82 100
128 42.1 36.1 54.1
54 51.3 40.0 60.0

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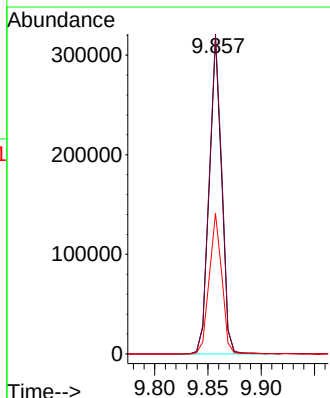
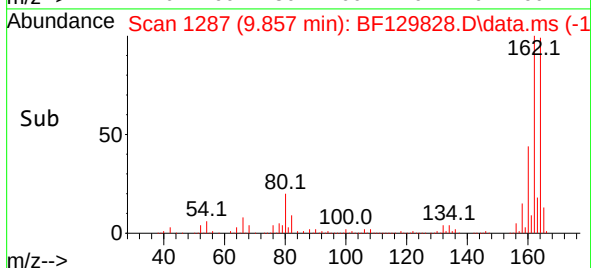
Reviewed By :Christian Giraldo 08/17/2022
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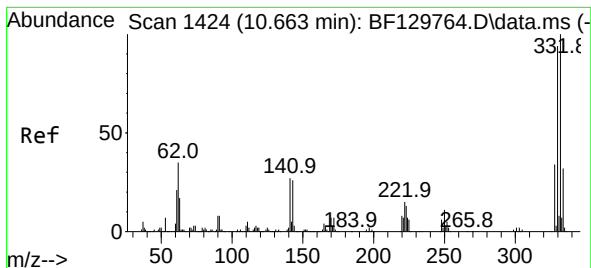


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33



Tgt Ion:164 Resp: 255938
Ion Ratio Lower Upper
164 100
162 101.2 82.0 123.0
160 44.5 35.4 53.0





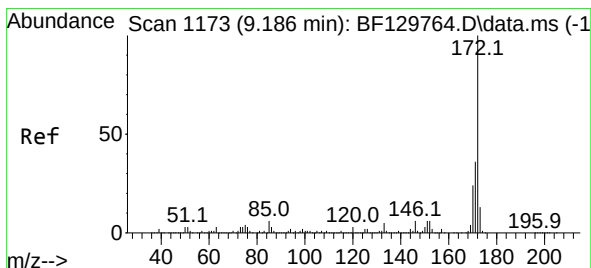
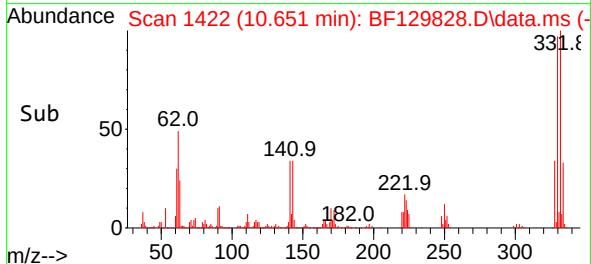
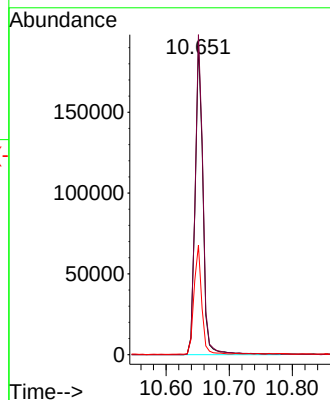
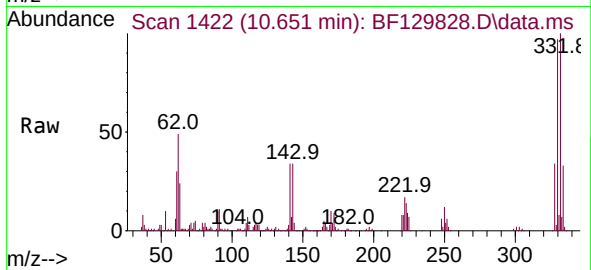
#42
2,4,6-Tribromophenol
Concen: 64.369 ng
RT: 10.651 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33

Instrument :
BNA_F
ClientSampleId :
RO-367

Tgt Ion: 330 Resp: 165346
Ion Ratio Lower Upper
330 100
332 102.8 82.6 124.0
141 34.5 27.6 41.4

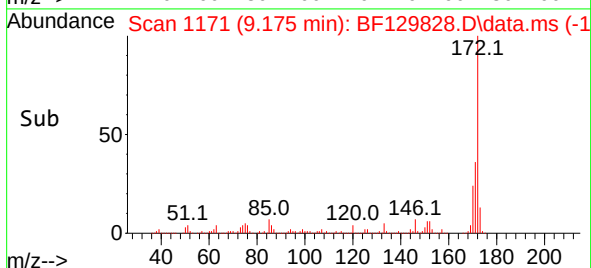
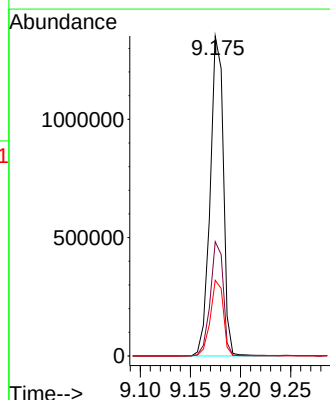
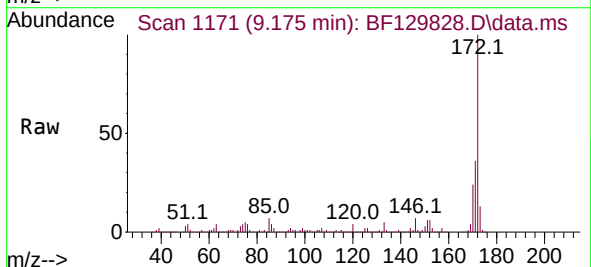
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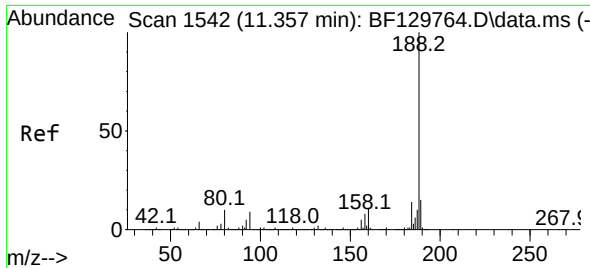
Reviewed By : Christian Giraldo 08/17/2022
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#45
2-Fluorobiphenyl
Concen: 73.115 ng
RT: 9.175 min Scan# 1171
Delta R.T. -0.012 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33

Tgt Ion: 172 Resp: 1232080
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.7 19.1 28.7





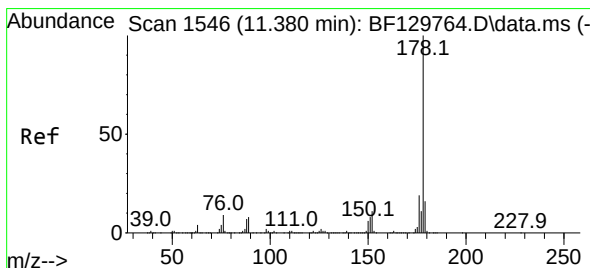
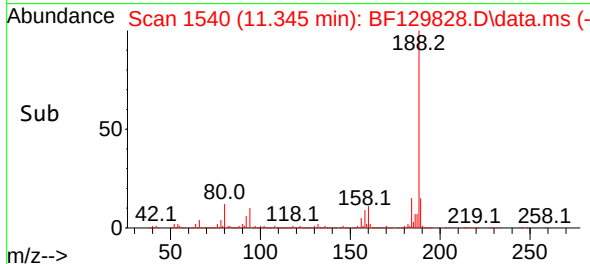
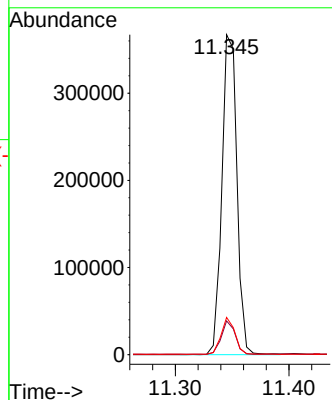
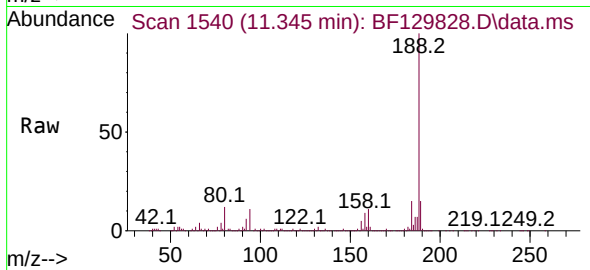
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33

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ClientSampleId :
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Tgt Ion:188 Resp: 336059
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.2
80 11.6 7.9 11.9

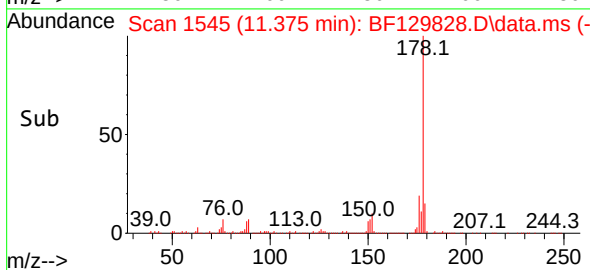
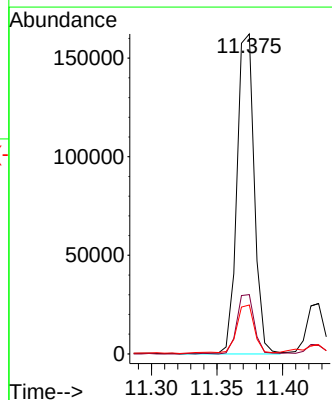
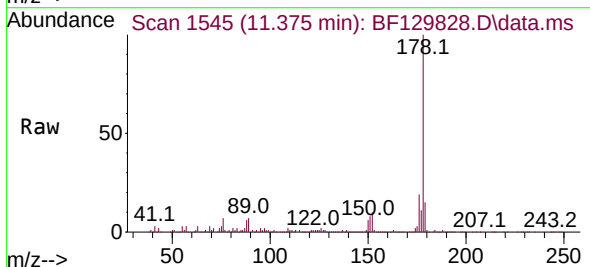
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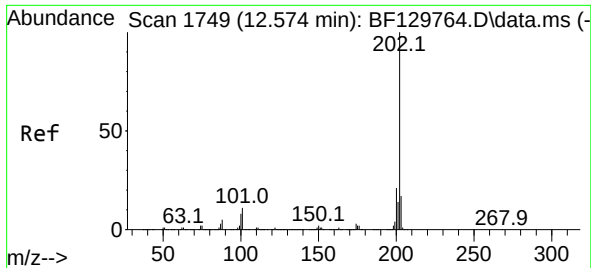
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#71
Phenanthrene
Concen: 7.907 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33

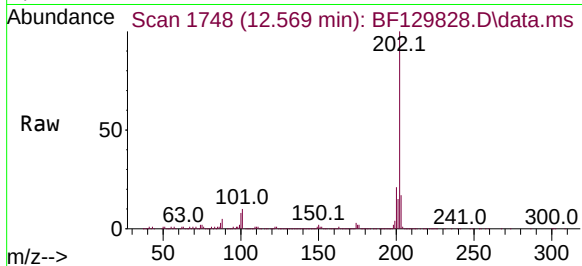
Tgt Ion:178 Resp: 148406
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 15.3 12.5 18.7





#75
Fluoranthene
Concen: 18.231 ng
RT: 12.569 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33

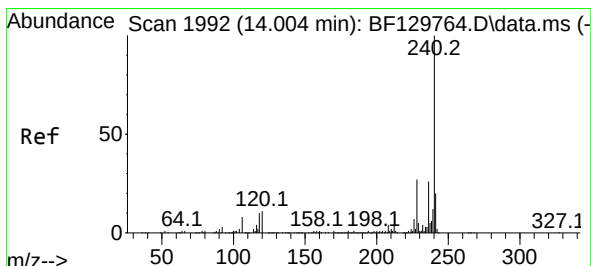
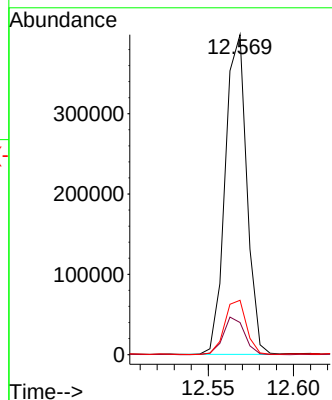
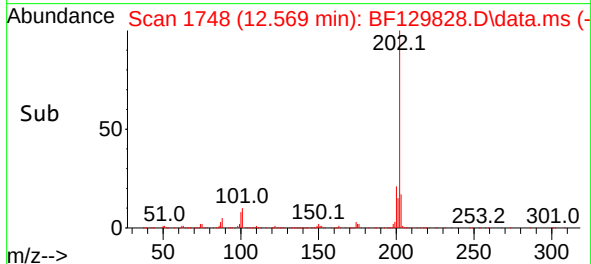
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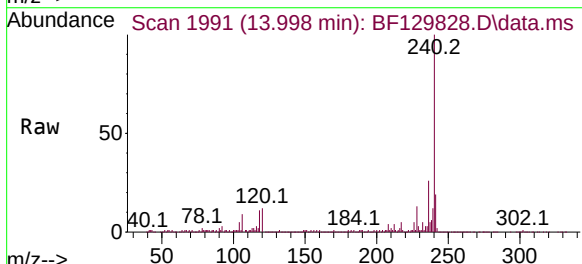
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Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.7
203 17.0 0.0 37.5

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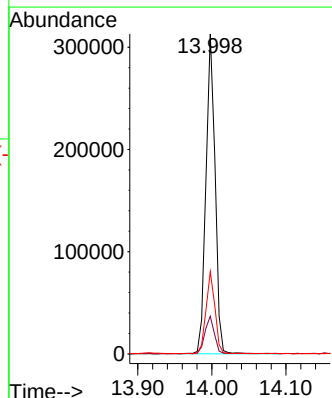
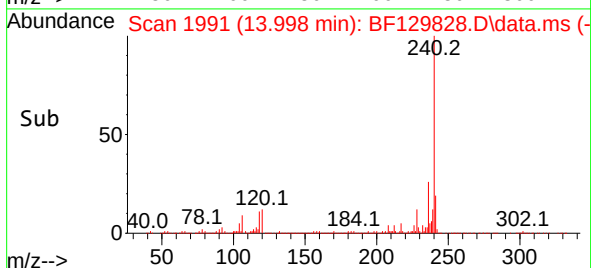
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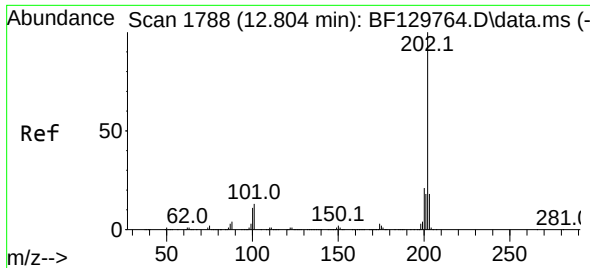


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33



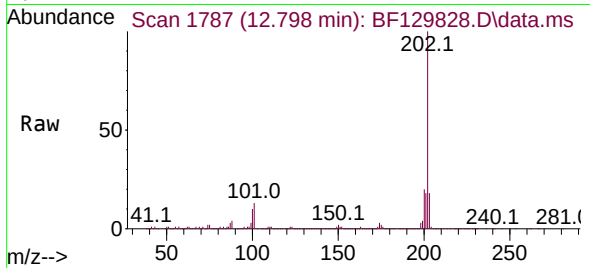
Tgt Ion:240 Resp: 267919
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 25.7 20.7 31.1





#78
Pyrene
Concen: 12.553 ng
RT: 12.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33

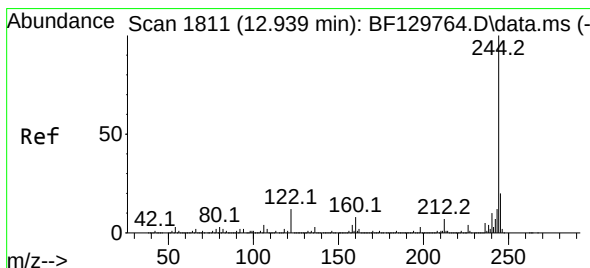
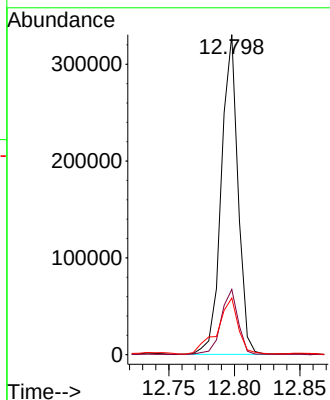
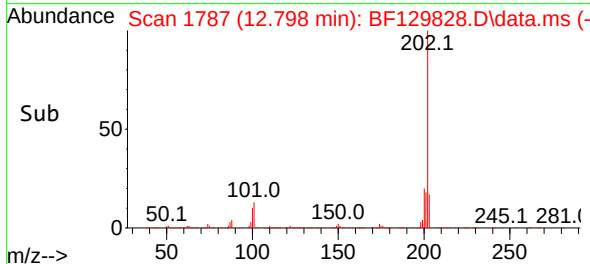
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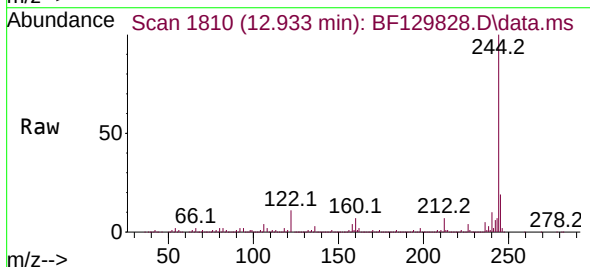
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Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.6
203 17.7 14.1 21.1

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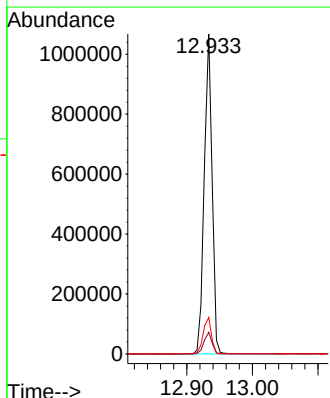
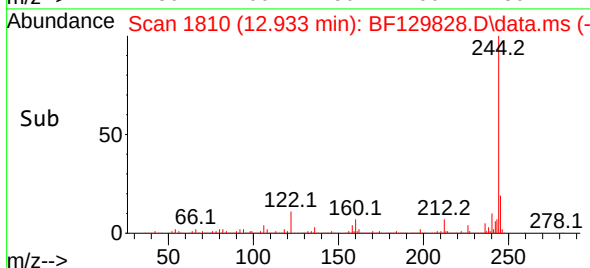
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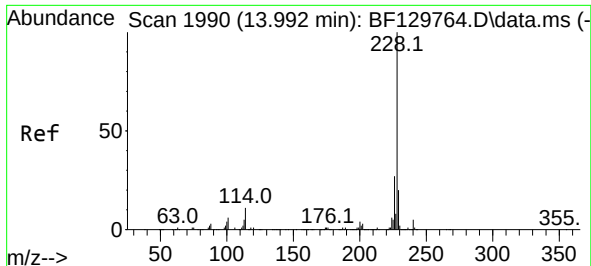


#79
Terphenyl-d14
Concen: 54.605 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33



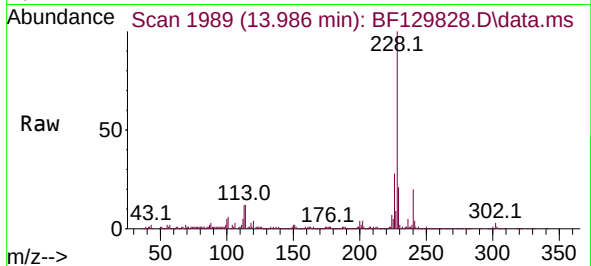
Tgt Ion:244 Resp: 879228
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 11.4 9.9 14.9





#81
Benzo(a)anthracene
Concen: 9.096 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33

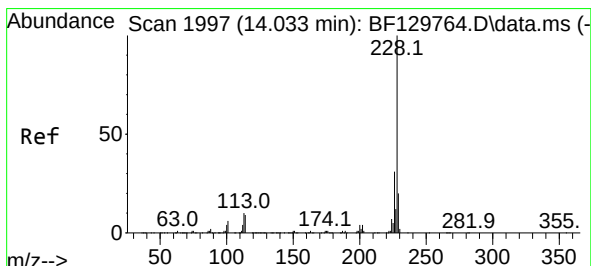
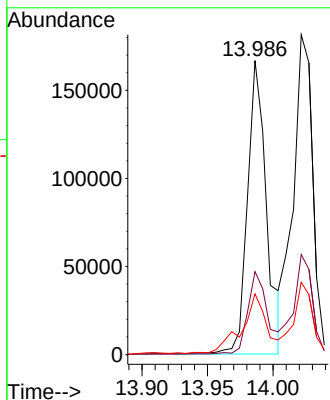
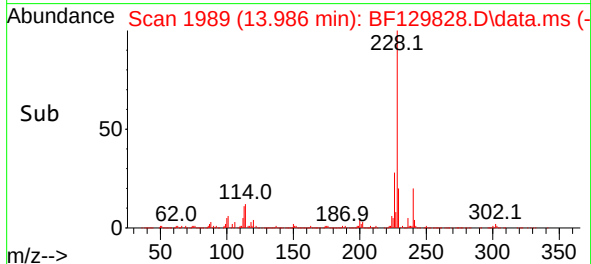
Instrument :
BNA_F
ClientSampleId :
RO-367



Tgt Ion:228 Resp: 167637
Ion Ratio Lower Upper
228 100
226 28.2 21.4 32.0
229 20.6 16.1 24.1

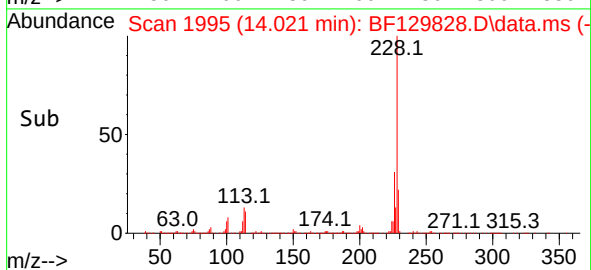
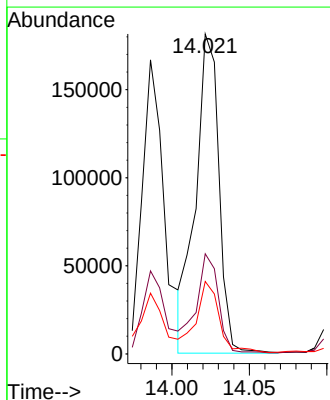
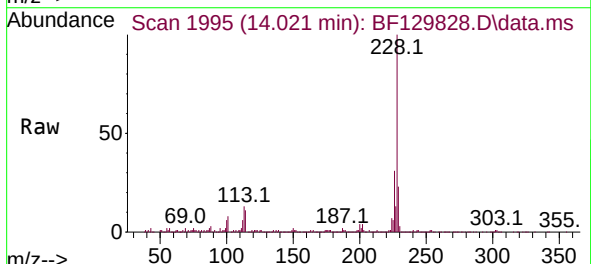
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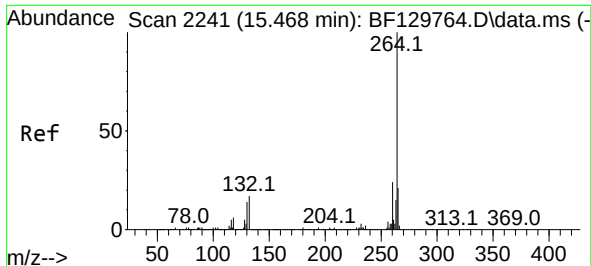
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#83
Chrysene
Concen: 11.012 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.012 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33

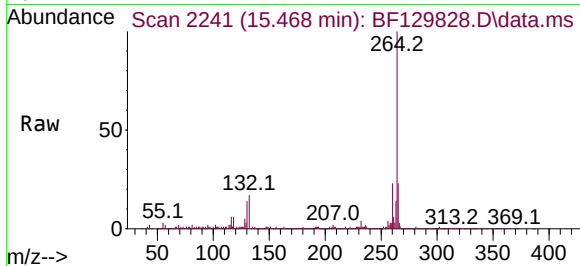
Tgt Ion:228 Resp: 189976
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 22.6 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33

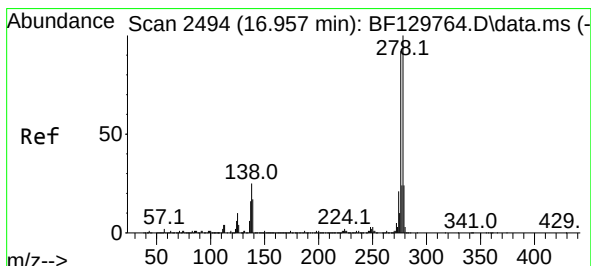
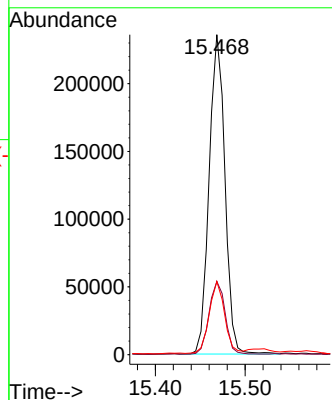
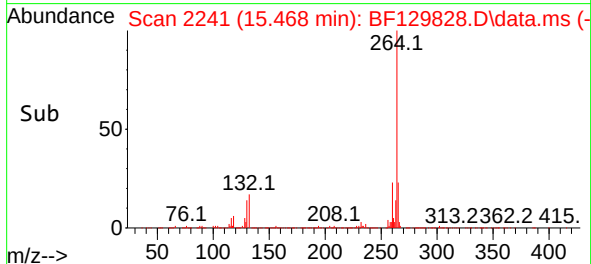
Instrument :
BNA_F
ClientSampleId :
RO-367



Tgt Ion:264 Resp: 288639
Ion Ratio Lower Upper
264 100
260 22.9 19.1 28.7
265 22.8 16.7 25.1

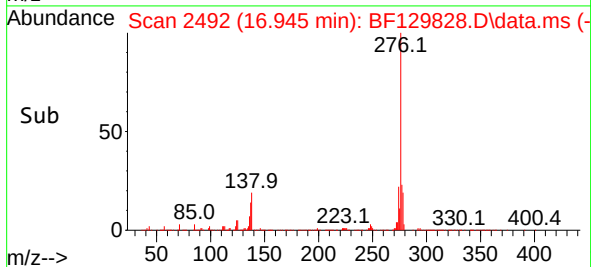
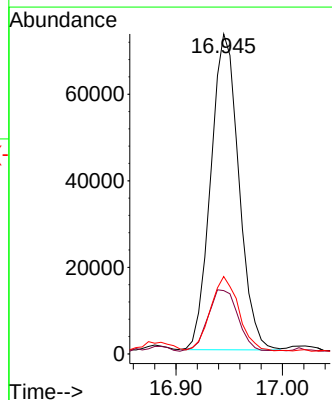
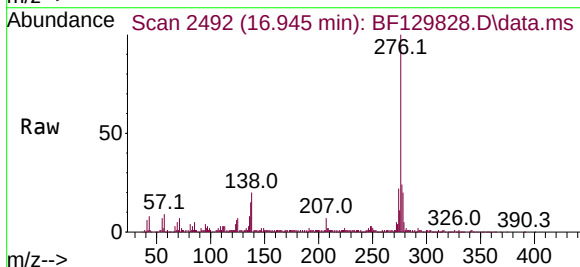
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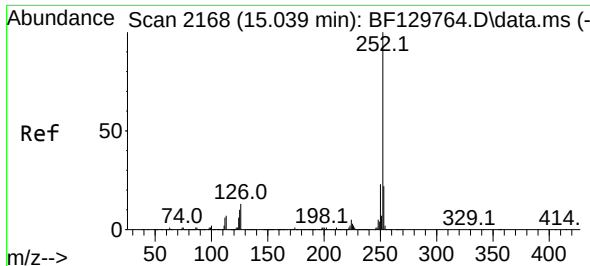
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#87
Indeno(1,2,3-cd)pyrene
Concen: 6.743 ng
RT: 16.945 min Scan# 2492
Delta R.T. -0.012 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33

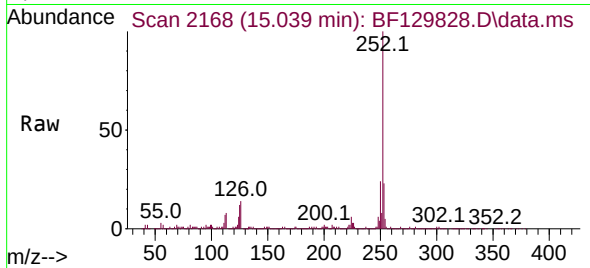
Tgt Ion:276 Resp: 133619
Ion Ratio Lower Upper
276 100
138 21.1 19.8 29.8
277 23.5 20.4 30.6





#88
Benzo(b)fluoranthene
Concen: 16.865 ng m
RT: 15.039 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33

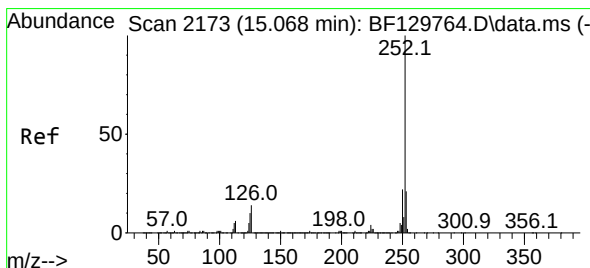
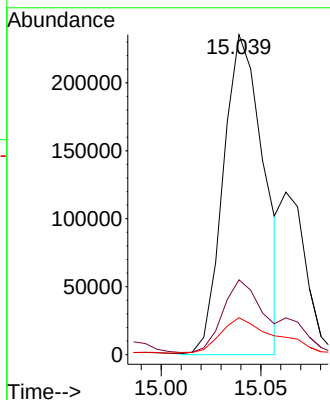
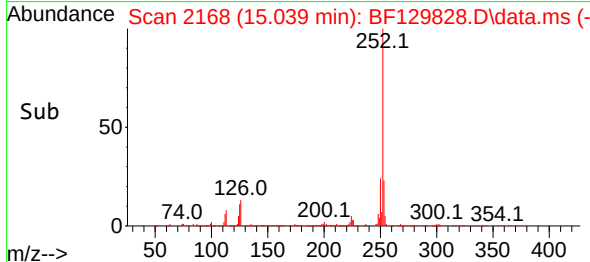
Instrument :
BNA_F
ClientSampleId :
RO-367



Tgt Ion:252 Resp: 333323
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 11.5 8.3 12.5

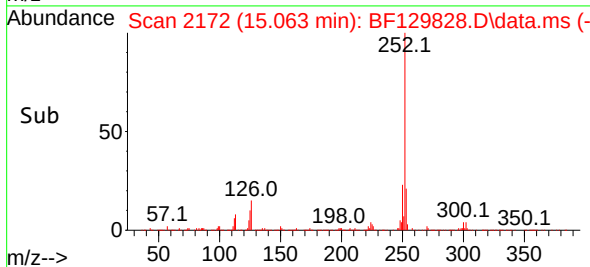
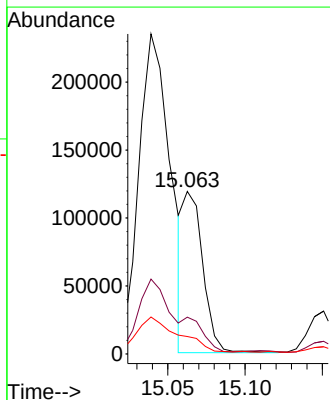
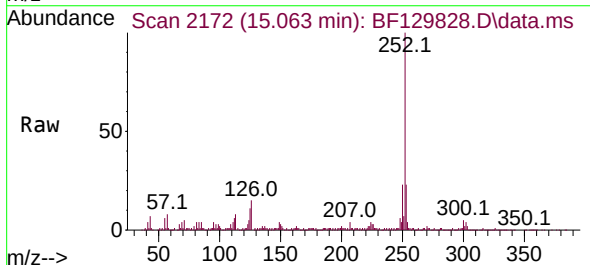
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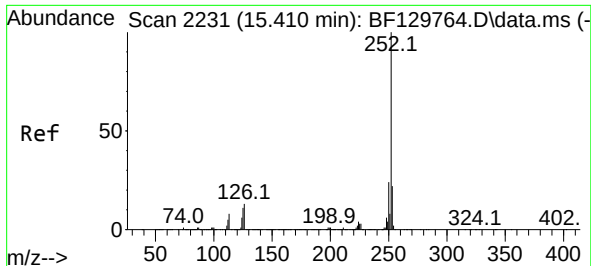
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#89
Benzo(k)fluoranthene
Concen: 5.466 ng m
RT: 15.063 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33

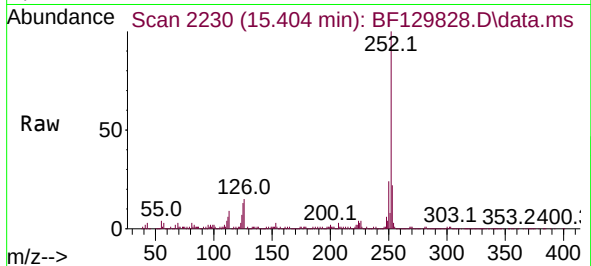
Tgt Ion:252 Resp: 103612
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 10.7 8.3 12.5





#90
Benzo(a)pyrene
Concen: 12.746 ng
RT: 15.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33

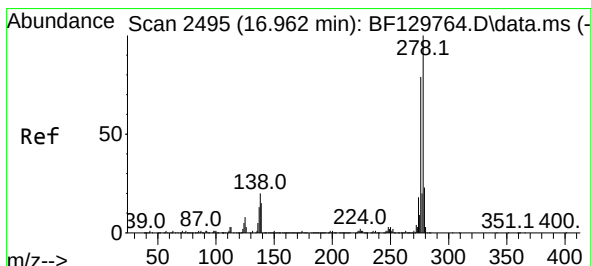
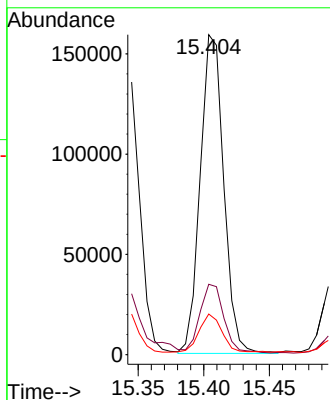
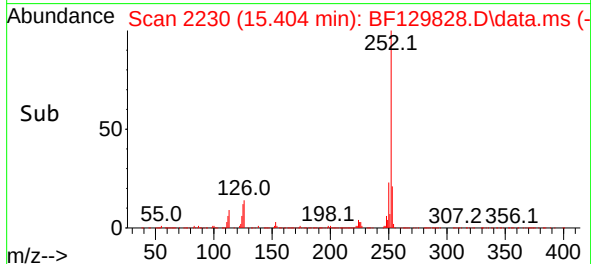
Instrument :
BNA_F
ClientSampleId :
RO-367



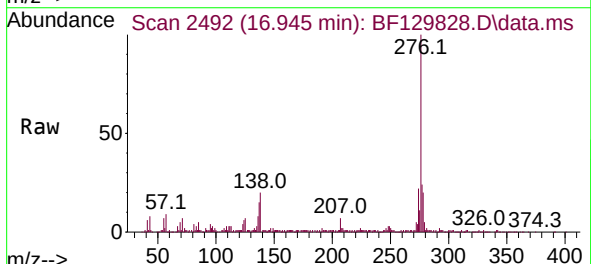
Tgt Ion:252 Resp: 198388
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 12.7 8.8 13.2

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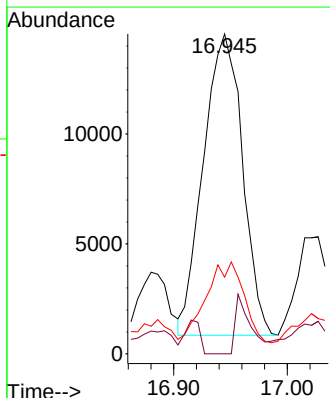
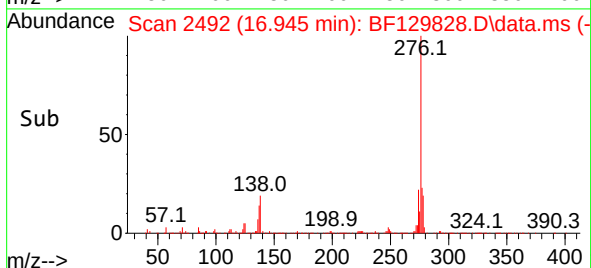
Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

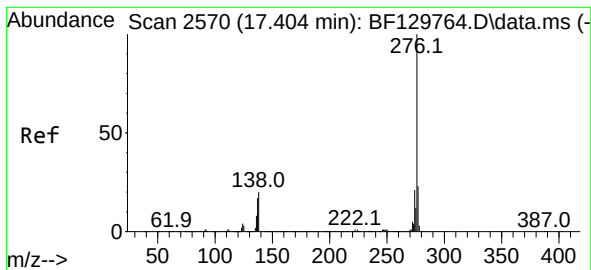


#91
Dibenzo(a,h)anthracene
Concen: 2.004 ng
RT: 16.945 min Scan# 2492
Delta R.T. -0.018 min
Lab File: BF129828.D
Acq: 17 Aug 2022 00:33



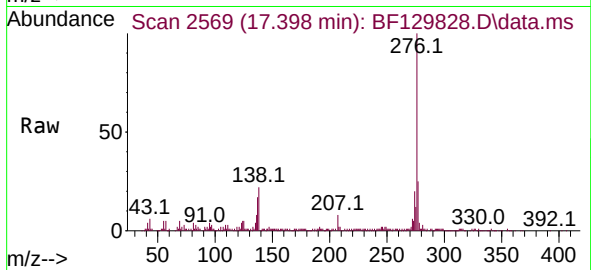
Tgt Ion:278 Resp: 32772
Ion Ratio Lower Upper
278 100
139 0.0 12.2 18.4#
279 24.0 18.7 28.1





#92
 Benzo(g,h,i)perylene
 Concen: 7.846 ng
 RT: 17.398 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BF129828.D
 Acq: 17 Aug 2022 00:33

Instrument :
 BNA_F
 ClientSampleId :
 RO-367



Tgt Ion:276 Resp: 127986
 Ion Ratio Lower Upper
 276 100
 277 24.9 18.2 27.4
 138 22.5 15.8 23.8

Manual Integrations
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Reviewed By :Christian Giraldo 08/17/2022
 Supervised By :Jagrut Upadhyay 08/17/2022

